

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061019\
 Data File : BF114926.D
 Acq On : 10 Jun 2019 10:57
 Operator : HP/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
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mohammad
 6/12/2019 9:13:12 AM

Quant Time: Jun 10 13:21:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 12:30:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	281062	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1145905	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	569244	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1126760	20.00	ng	0.00
76) Chrysene-d12	13.79	240	777773	20.00	ng	0.00
87) Perylene-d12	15.16	264	849057	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	729604	45.36	ng	0.00
7) Phenol-d6	6.30	99	879295	44.93	ng	-0.01
23) Nitrobenzene-d5	7.22	82	778981	41.85	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	271552	44.27	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	1597034	52.56	ng	0.00
79) Terphenyl-d14	12.74	244	1667212	41.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	160506	20.900	ng	98
3) Pyridine	2.97	79	416617	19.739	ng	99
4) n-Nitrosodimethylamine	2.89	42	151824	19.655	ng	97
6) Aniline	6.32	93	600217	21.612	ng	89
8) 2-Chlorophenol	6.44	128	407083	21.904	ng	95
9) Benzaldehyde	6.20	77	289035	21.290	ng	100
10) Phenol	6.31	94	497091	22.209	ng	89
11) bis(2-Chloroethyl)ether	6.39	93	366989	21.009	ng	98
12) 1,3-Dichlorobenzene	6.60	146	476344	21.996	ng	98
13) 1,4-Dichlorobenzene	6.67	146	482732	22.153	ng	99
14) 1,2-Dichlorobenzene	6.83	146	455053	23.123	ng	97
15) Benzyl Alcohol	6.80	79	323558	21.861	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	526160	21.061	ng	99
17) 2-Methylphenol	6.92	107	328549	20.682	ng	98
18) Hexachloroethane	7.17	117	170075	20.736	ng	96
19) n-Nitroso-di-n-propylamine	7.07	70	262525	20.263	ng	98
20) 3+4-Methylphenols	7.07	107	405923m	23.167	ng	
22) Acetophenone	7.07	105	555465	22.017	ng	97
24) Nitrobenzene	7.24	77	407294	21.120	ng	95
25) Isophorone	7.48	82	739976	20.108	ng	98
26) 2-Nitrophenol	7.56	139	215790	20.660	ng	100
27) 2,4-Dimethylphenol	7.60	122	328231	20.676	ng	98
28) bis(2-Chloroethoxy)methane	7.70	93	494237	21.010	ng	99
29) 2,4-Dichlorophenol	7.80	162	348386	20.859	ng	96
30) 1,2,4-Trichlorobenzene	7.89	180	405681	21.169	ng	96
31) Naphthalene	7.96	128	1209568	23.446	ng	97
32) Benzoic acid	7.70	122	208108	17.999	ng	97
33) 4-Chloroaniline	8.01	127	532216	21.625	ng	99
34) Hexachlorobutadiene	8.09	225	229765	21.088	ng	99
35) Caprolactam	8.36	113	111237	20.388	ng	91
36) 4-Chloro-3-methylphenol	8.50	107	348267	20.955	ng	95
37) 2-Methylnaphthalene	8.65	142	801683	22.404	ng	99
38) 1-Methylnaphthalene	8.75	142	761823	22.450	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	367475	22.401	ng	99

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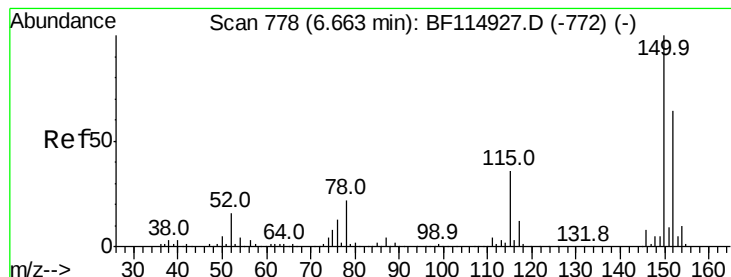
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.81	237	184292	18.523	ng	98
43) 2,4,6-Trichlorophenol	8.93	196	258986	20.303	ng	98
44) 2,4,5-Trichlorophenol	8.97	196	270419	21.050	ng	99
46) 1,1'-Biphenyl	9.12	154	990130	23.469	ng	98
47) 2-Chloronaphthalene	9.13	162	796731	22.224	ng	97
48) 2-Nitroaniline	9.23	65	221601	20.714	ng	91
49) Acenaphthylene	9.55	152	1231940	23.697	ng	98
50) Dimethylphthalate	9.42	163	919709	22.121	ng	99
51) 2,6-Dinitrotoluene	9.47	165	201756	20.634	ng	91
52) Acenaphthene	9.72	154	728316	21.386	ng	99
53) 3-Nitroaniline	9.64	138	244130	21.373	ng	93
54) 2,4-Dinitrophenol	9.75	184	83821	18.945	ng	93
55) Dibenzofuran	9.89	168	1071933	22.636	ng	96
56) 4-Nitrophenol	9.80	139	164576	19.663	ng	98
57) 2,4-Dinitrotoluene	9.87	165	266500	21.682	ng	90
58) Fluorene	10.23	166	800184	23.558	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.01	232	219441	20.849	ng	99
60) Diethylphthalate	10.12	149	916444	21.967	ng	98
61) 4-Chlorophenyl-phenylether	10.23	204	399960	22.051	ng	99
62) 4-Nitroaniline	10.25	138	245738	22.181	ng	95
63) Azobenzene	10.39	77	802831	22.607	ng	97
65) 4,6-Dinitro-2-methylphenol	10.28	198	116975	19.985	ng	98
66) n-Nitrosodiphenylamine	10.35	169	734643	21.562	ng	99
67) 4-Bromophenyl-phenylether	10.72	248	263545	20.594	ng	92
68) Hexachlorobenzene	10.78	284	291258	20.796	ng	100
69) Atrazine	10.87	200	248150	20.942	ng	98
70) Pentachlorophenol	10.97	266	144217	17.812	ng	98
71) Phenanthrene	11.19	178	1259056	23.407	ng	97
72) Anthracene	11.24	178	1282322	22.652	ng	97
73) Carbazole	11.39	167	1138759	23.466	ng	97
74) Di-n-butylphthalate	11.73	149	1468137	23.002	ng	98
75) Fluoranthene	12.37	202	1304532	23.301	ng	94
77) Benzidine	12.49	184	767057	19.922	ng	98
78) Pyrene	12.59	202	1328475	19.689	ng	97
80) Butylbenzylphthalate	13.22	149	631864	18.545	ng	96
81) Benzo(a)anthracene	13.77	228	1179172	19.674	ng	98
82) 3,3'-Dichlorobenzidine	13.74	252	481988	19.832	ng	98
83) Chrysene	13.81	228	1157143	19.846	ng	97
84) Bis(2-ethylhexyl)phthalate	13.79	149	818044	18.987	ng	100
85) Di-n-octyl phthalate	14.39	149	1462297	19.975	ng	99
86) Indeno(1,2,3-cd)pyrene	16.47	276	1008974	15.167	ng	100
88) Benzo(b)fluoranthene	14.78	252	1147622	21.232	ng	98
89) Benzo(k)fluoranthene	14.80	252	1067651	23.259	ng	98
90) Benzo(a)pyrene	15.10	252	1017142	21.741	ng	99
91) Dibenzo(a,h)anthracene	16.48	278	836263	18.875	ng	99
92) Benzo(g,h,i)perylene	16.86	276	790873	17.751	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

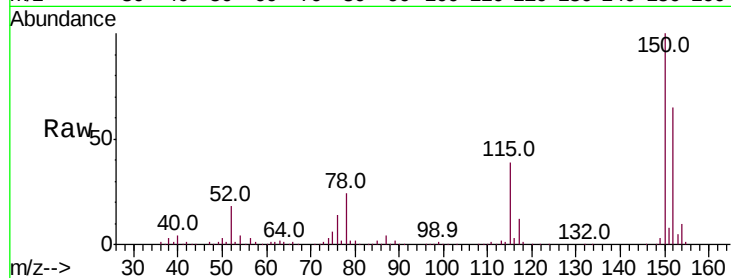
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	125.2	187.8
115	59.1	45.0	67.4

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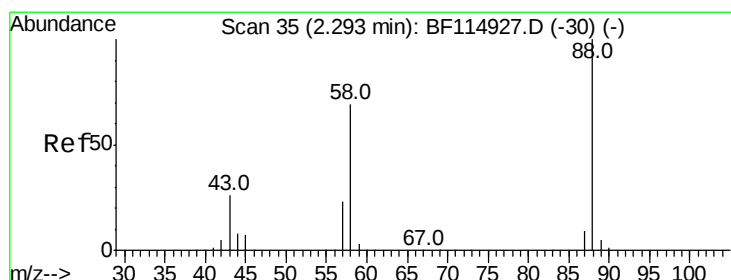
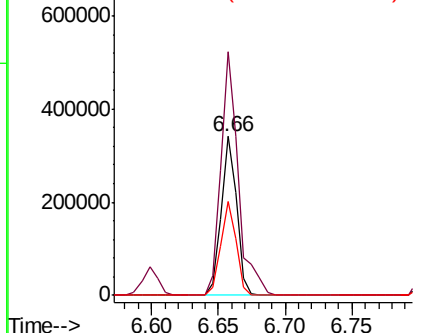
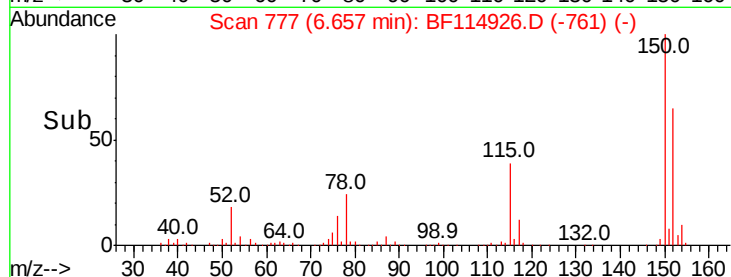


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

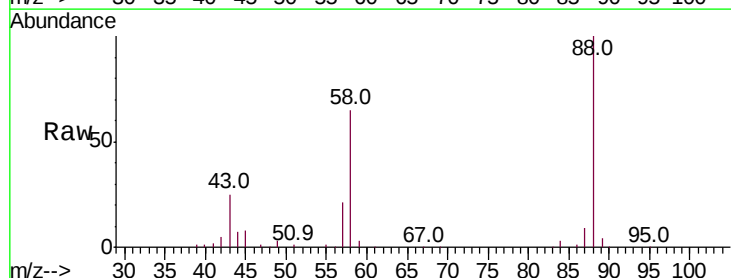
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 20.900 ng
RT: 2.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.9	54.2	81.2
43	25.0	20.6	30.8

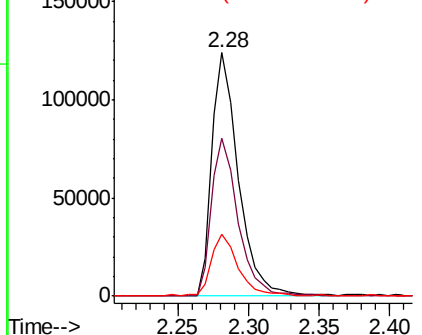
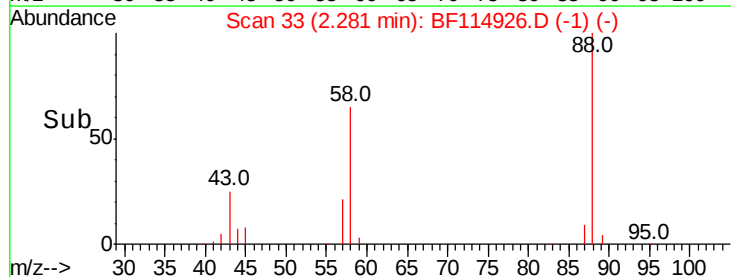


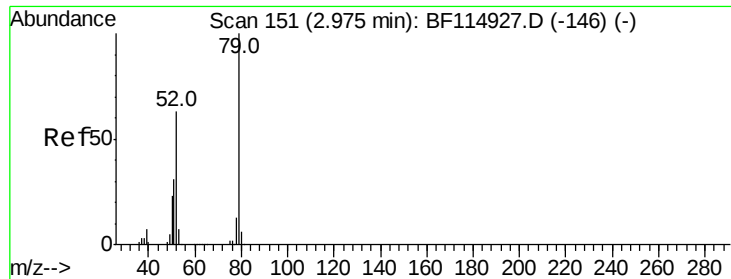
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 19.739 ng

RT: 2.97 min Scan# 150

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

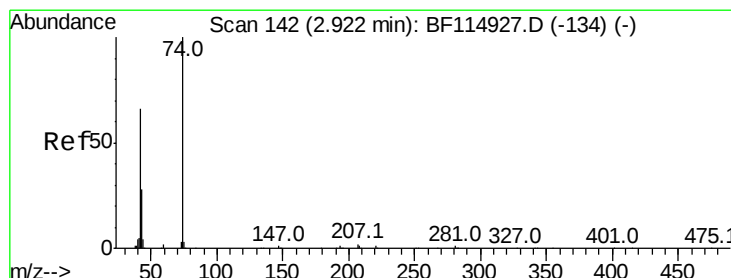
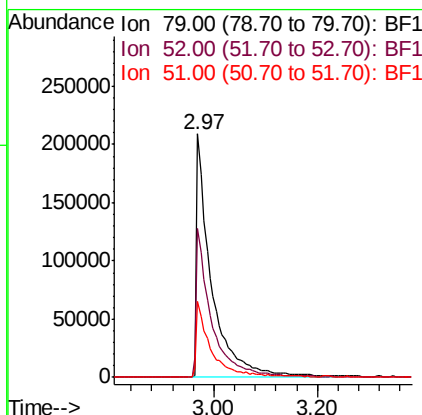
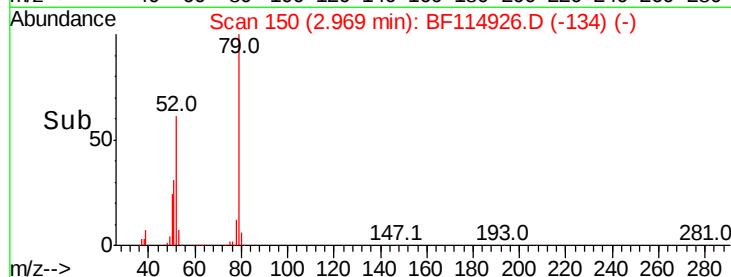
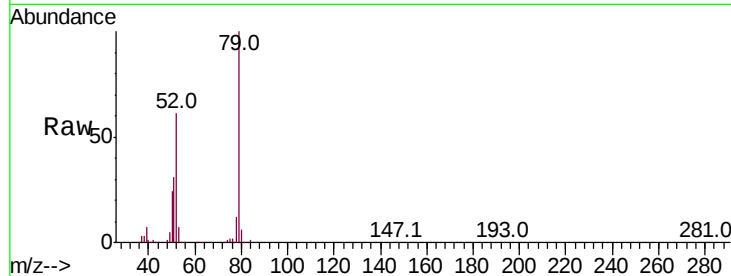
ClientSampleId :

SSTDICC020

Tot Ion:	79	Resp:	416617
Ion	Ratio	Lower	Upper
79	100		
52	61.2	50.2	75.2
51	30.9	24.6	37.0

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#4

n-Nitrosodimethylamine

Concen: 19.655 ng

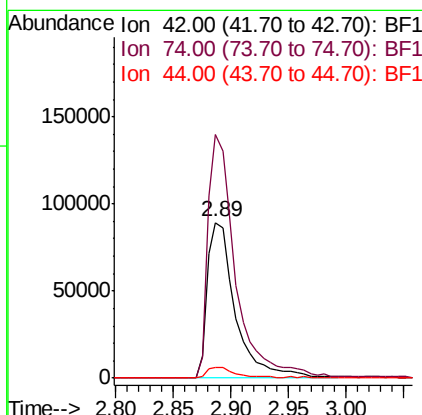
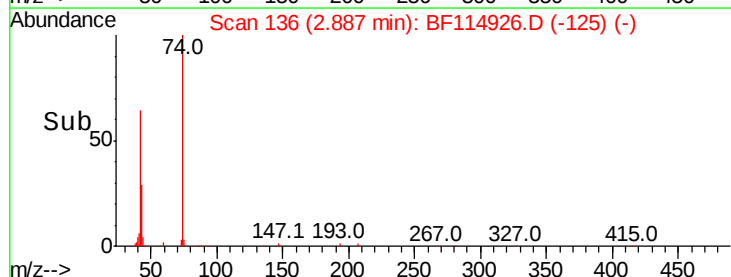
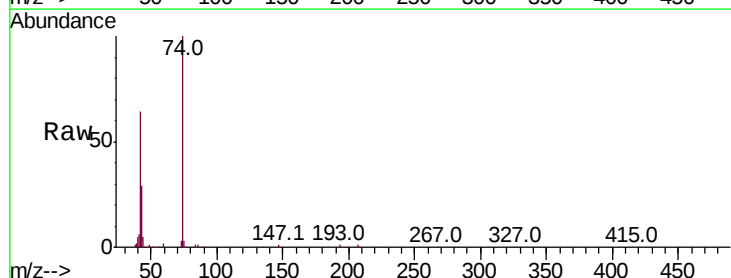
RT: 2.89 min Scan# 136

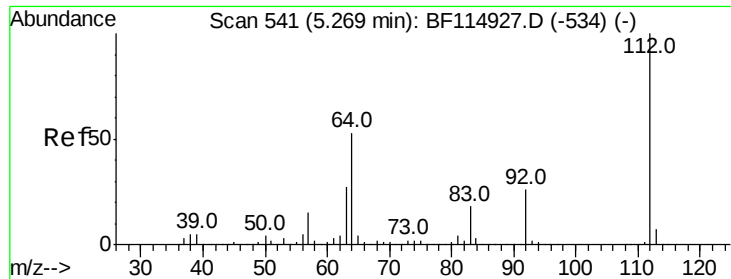
Delta R.T. -0.04 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Tgt Ion:	42	Resp:	151824
Ion	Ratio	Lower	Upper
42	100		
74	156.6	121.9	182.9
44	7.1	5.1	7.7





#5

2-Fluorophenol

Concen: 45.359 ng

RT: 5.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

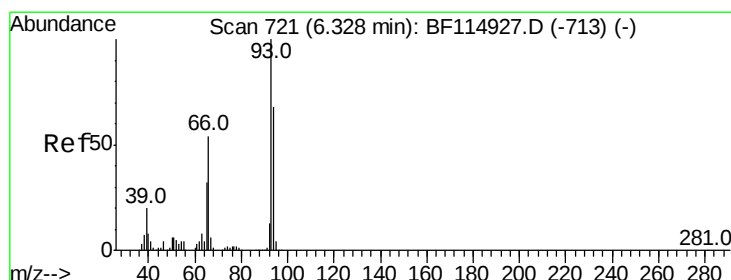
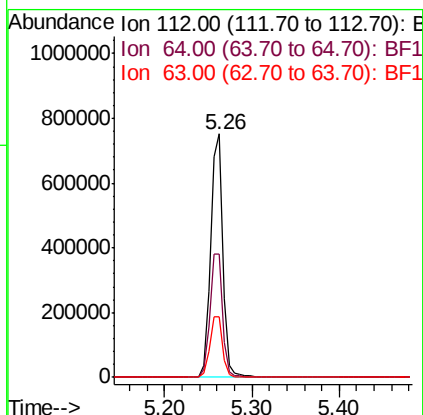
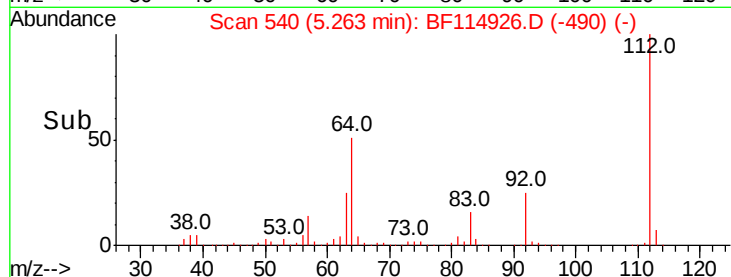
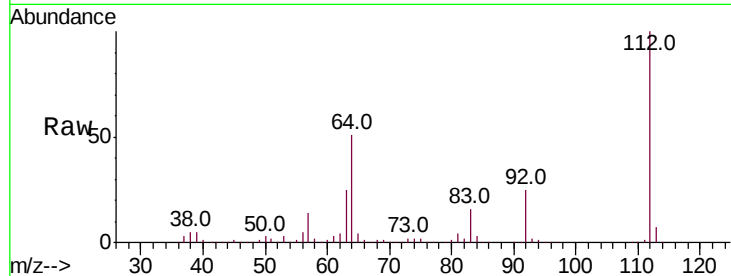
ClientSampleId :

SSTDICC020

Tot Ion:	112	Resp:	729604
Ion Ratio	Lower	Upper	
112	100		
64	50.6	42.1	63.1
63	25.1	21.8	32.8

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#6

Aniline

Concen: 21.612 ng

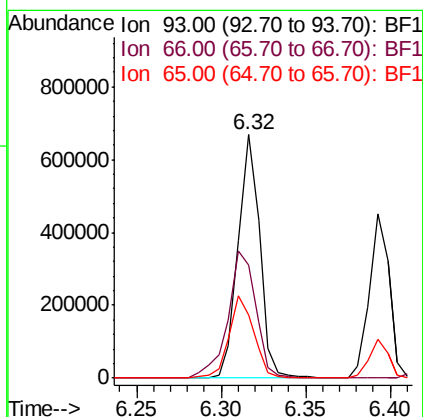
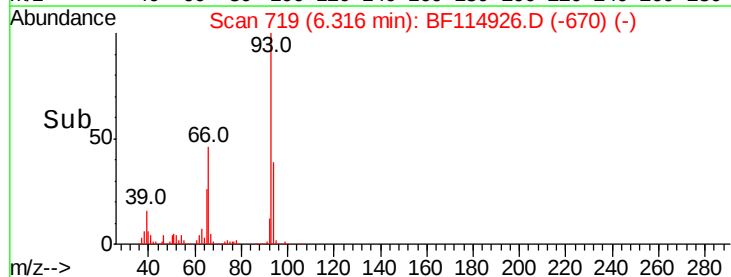
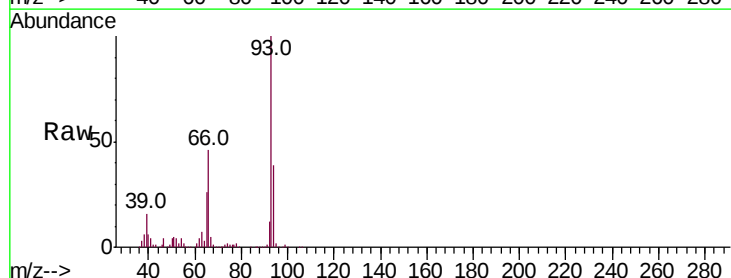
RT: 6.32 min Scan# 719

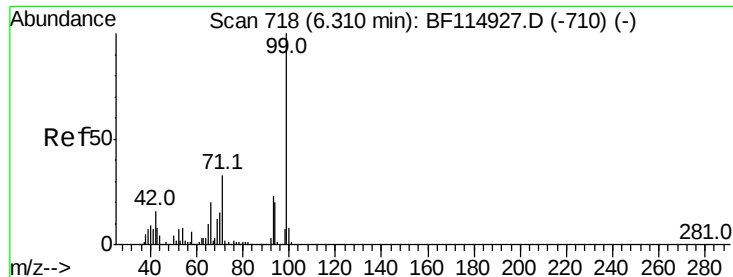
Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Tgt Ion:	93	Resp:	600217
Ion Ratio	Lower	Upper	
93	100		
66	46.2	43.6	65.4
65	25.8	25.7	38.5





#7

Phenol-d6

Concen: 44.926 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

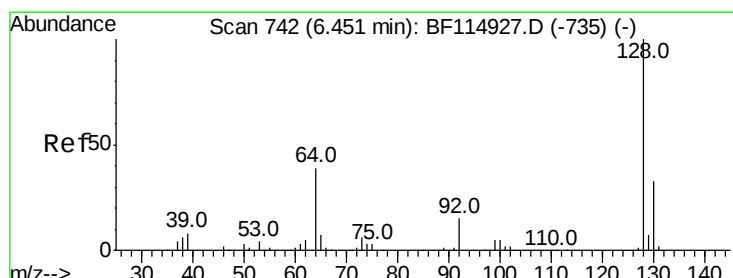
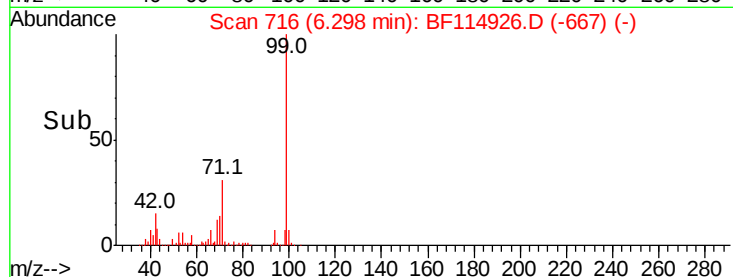
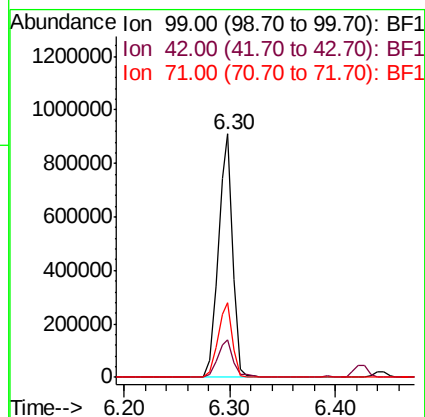
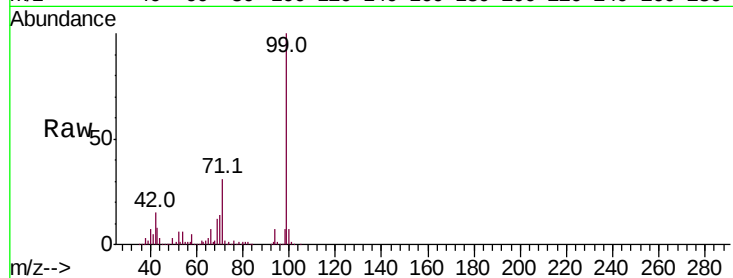
ClientSampleId :

SSTDICC020

Tot Ion:	99	Resp:	879295
Ion Ratio	Lower	Upper	
99	100		
42	15.3	13.1	19.7
71	30.7	26.8	40.2

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#8

2-Chlorophenol

Concen: 21.904 ng

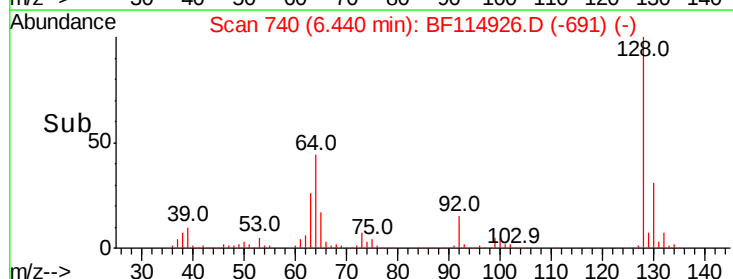
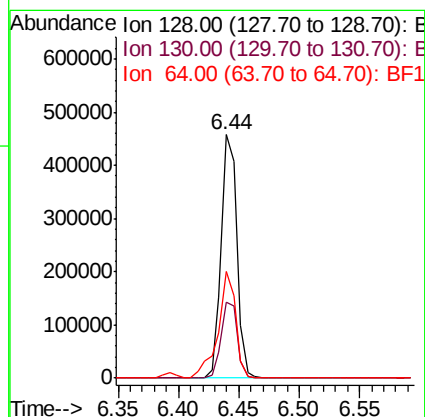
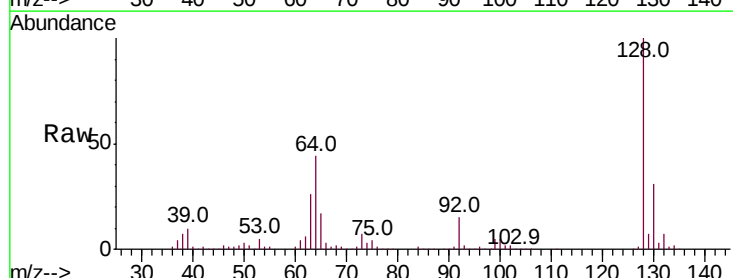
RT: 6.44 min Scan# 740

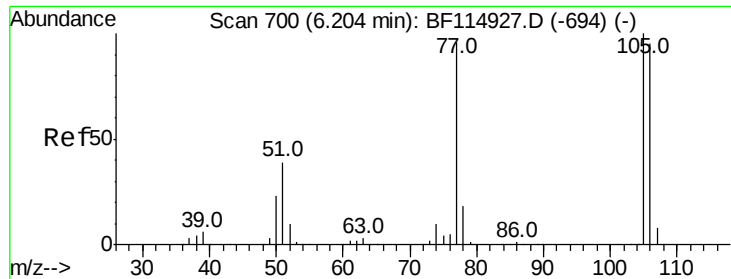
Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Tgt Ion:	128	Resp:	407083
Ion Ratio	Lower	Upper	
128	100		
130	31.3	13.3	53.3
64	43.7	19.5	59.5





#9

Benzaldehyde

Concen: 21.290 ng

RT: 6.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

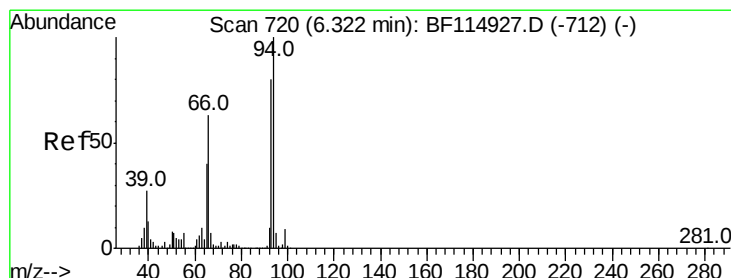
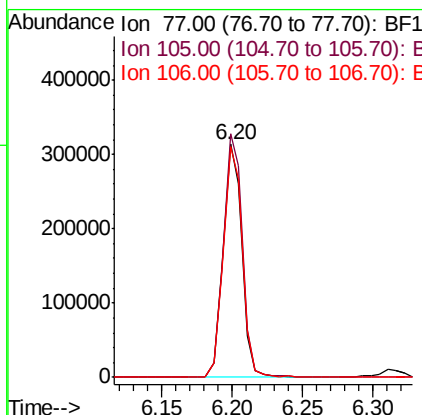
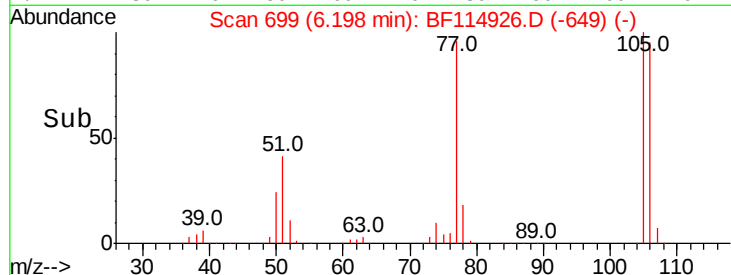
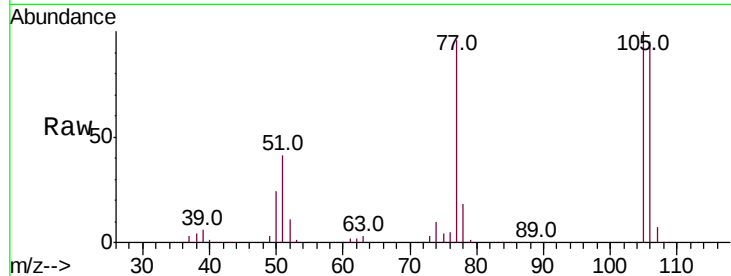
ClientSampleId :

SSTDIC020

Tot Ion:	77	Resp:	289035
Ion	Ratio	Lower	Upper
77	100		
105	104.4	84.5	124.5
106	99.1	79.2	119.2

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#10

Phenol

Concen: 22.209 ng

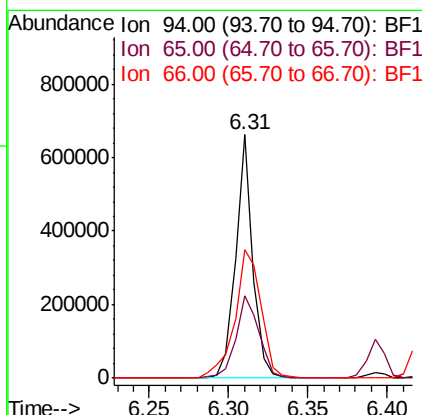
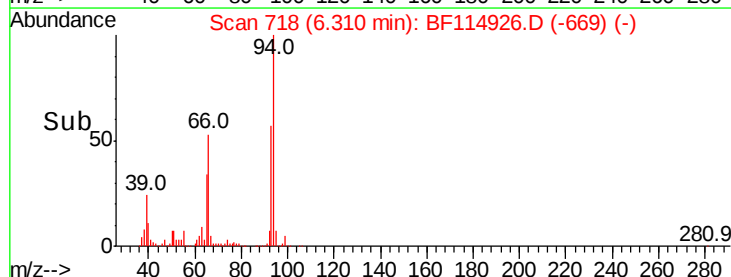
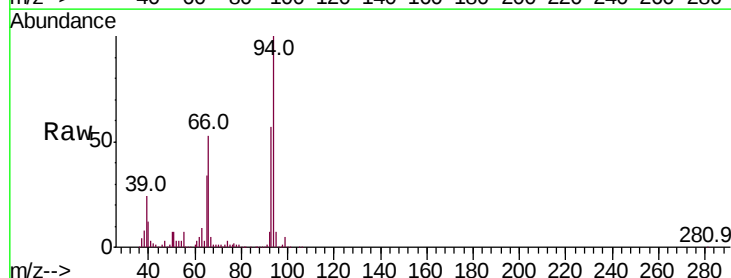
RT: 6.31 min Scan# 718

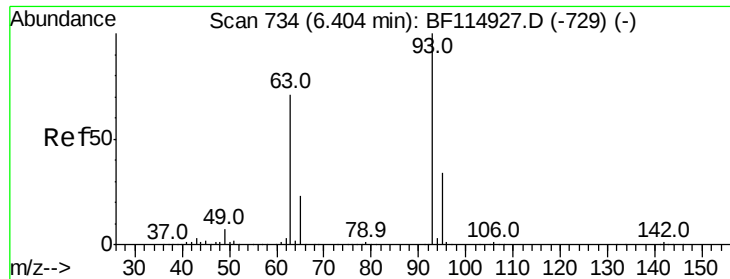
Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Tgt Ion:	94	Resp:	497091
Ion	Ratio	Lower	Upper
94	100		
65	34.0	19.6	59.6
66	52.8	42.6	82.6





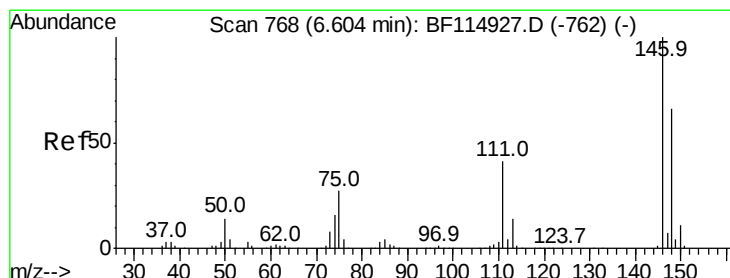
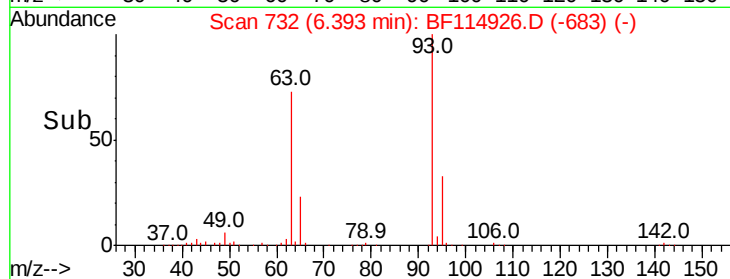
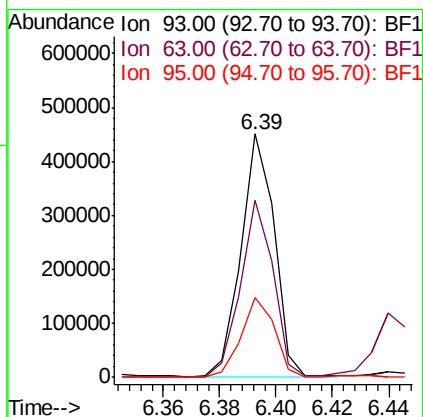
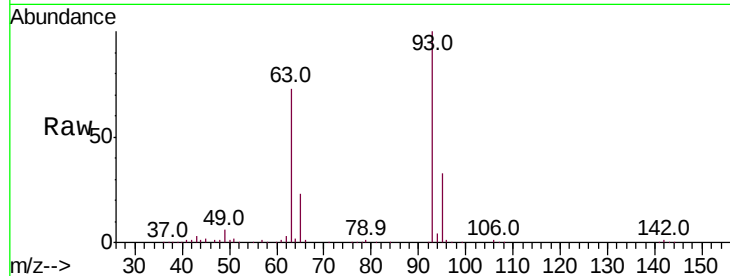
#11
bis(2-Chloroethyl)ether
Concen: 21.009 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
93	100	366989		
63	72.6		50.5	90.5
95	32.7		13.6	53.6

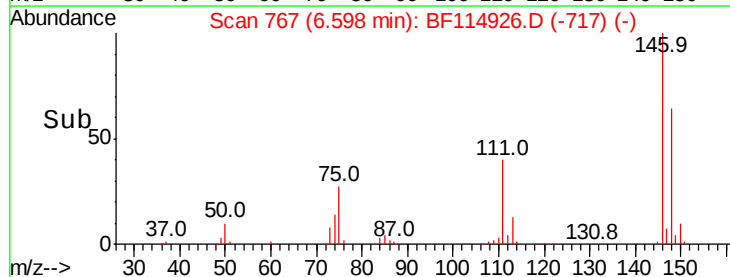
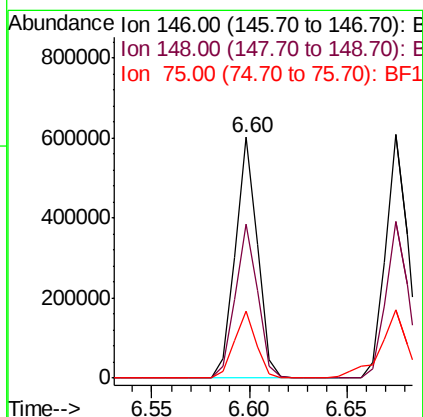
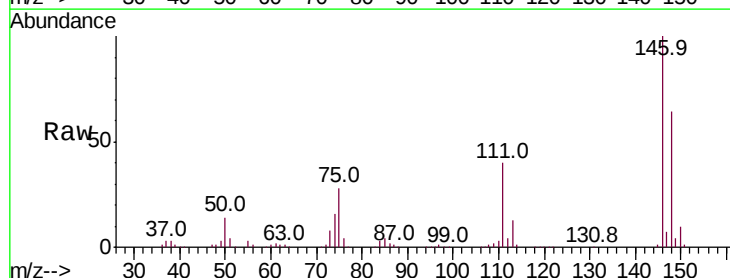
Manual Integrations
APPROVED

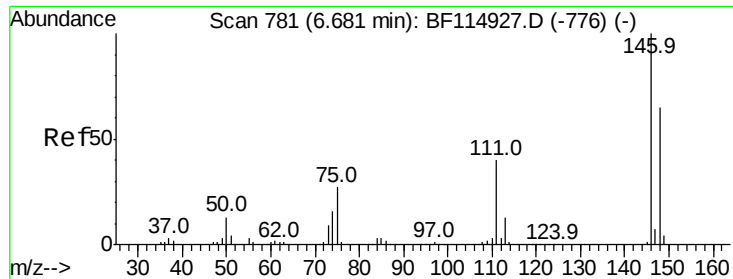
mohammad
6/12/2019 9:13:12 AM



#12
1,3-Dichlorobenzene
Concen: 21.996 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	476344		
148	64.2		52.6	78.8
75	27.7		21.9	32.9





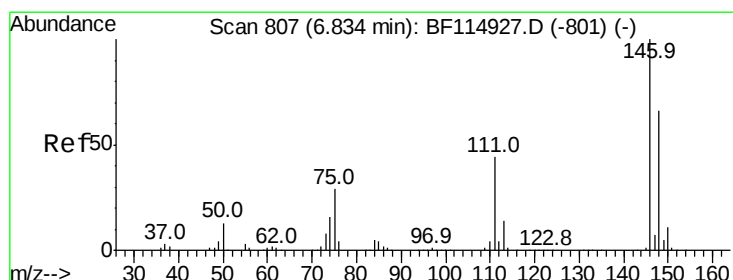
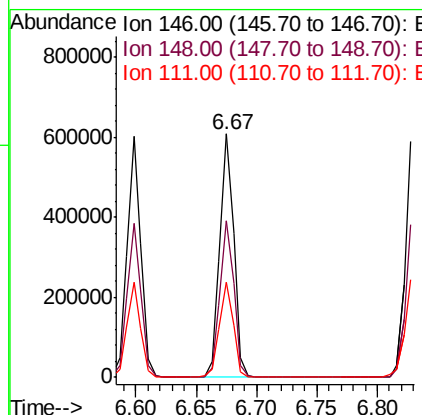
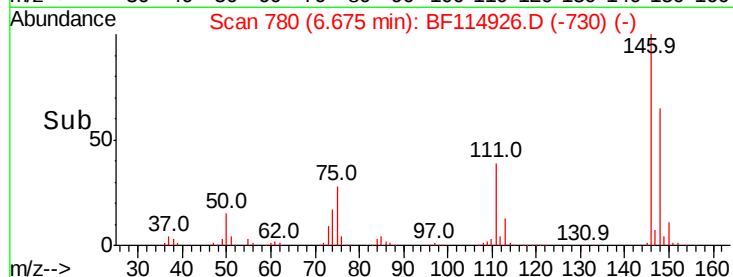
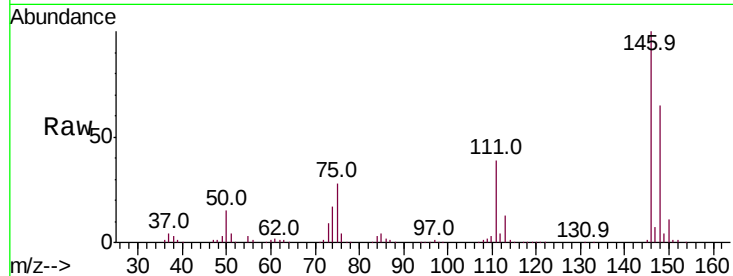
#13
1,4-Dichlorobenzene
Concen: 22.153 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.3	78.5
111	39.0	31.8	47.8

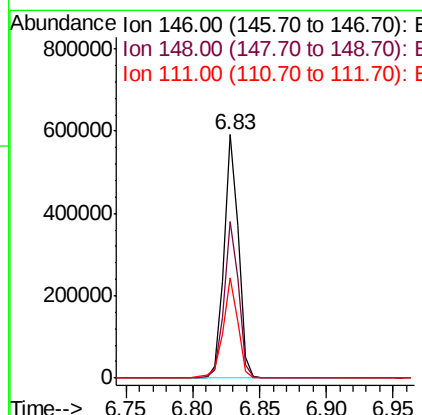
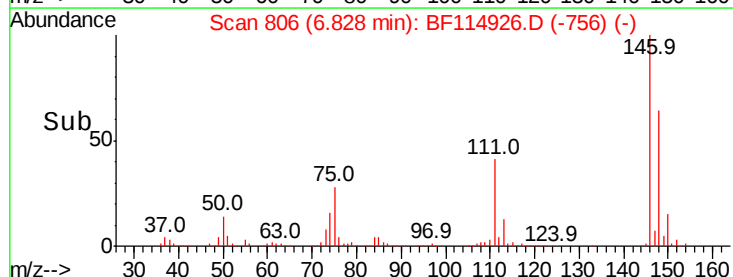
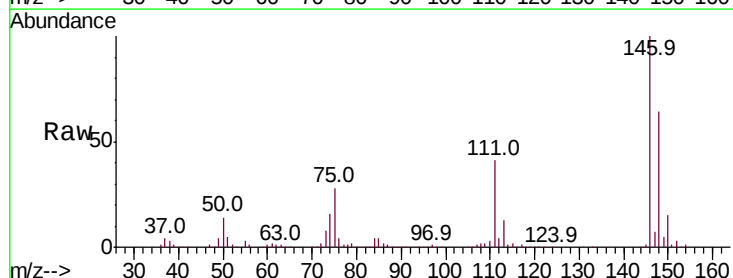
Manual Integrations
APPROVED

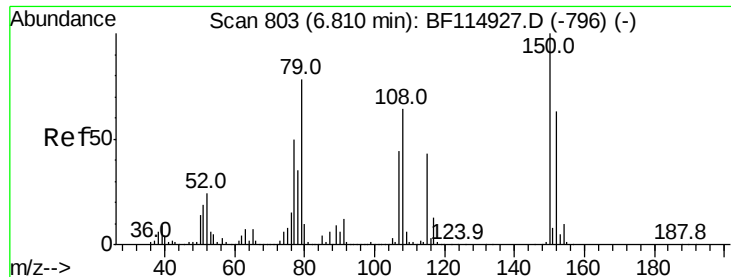
mohammad
6/12/2019 9:13:12 AM



#14
1,2-Dichlorobenzene
Concen: 23.123 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.7	79.1
111	41.2	35.4	53.2





#15

Benzyl Alcohol

Concen: 21.861 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

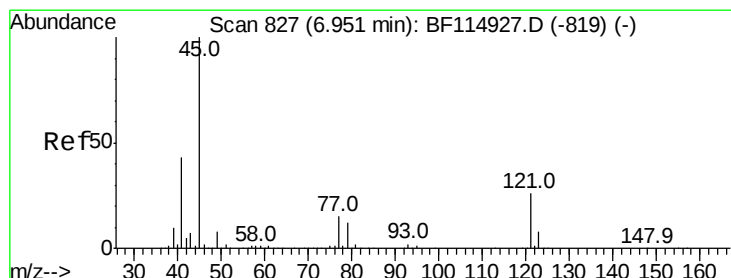
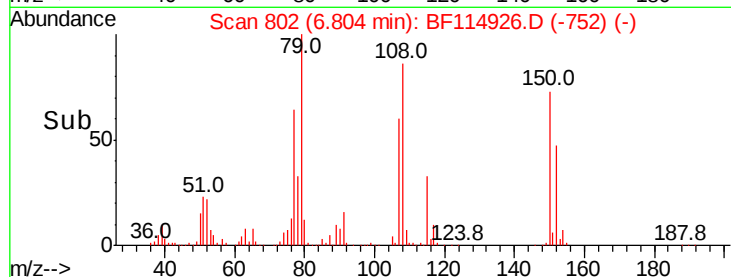
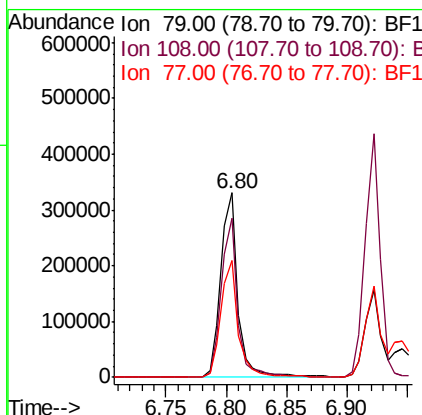
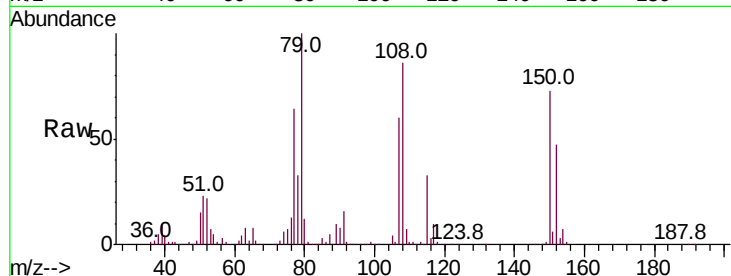
ClientSampled :

SSTDIC020

Tot Ion:	79	Resp:	32358
Ion Ratio	Lower	Upper	
79	100		
108	86.5	65.5	98.3
77	63.8	51.3	76.9

Manual Integrations
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mohammad
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 21.061 ng

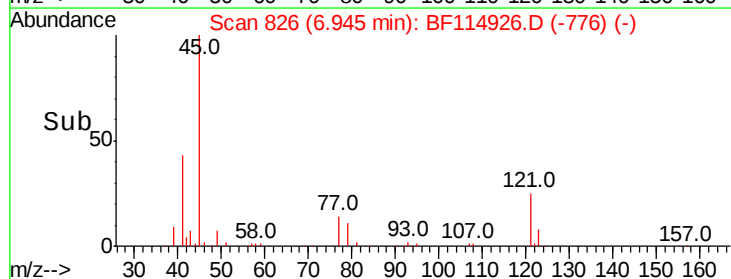
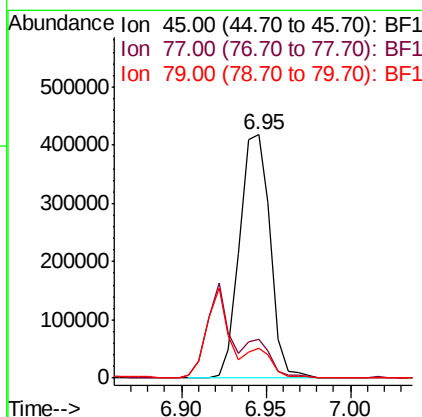
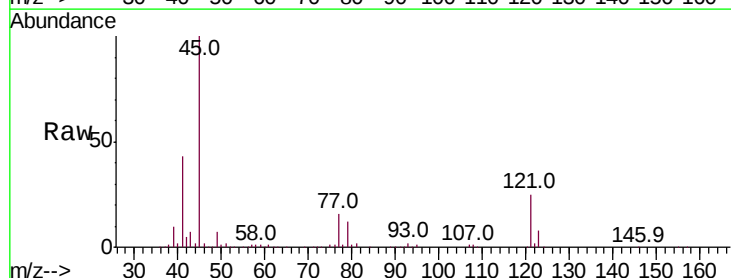
RT: 6.95 min Scan# 826

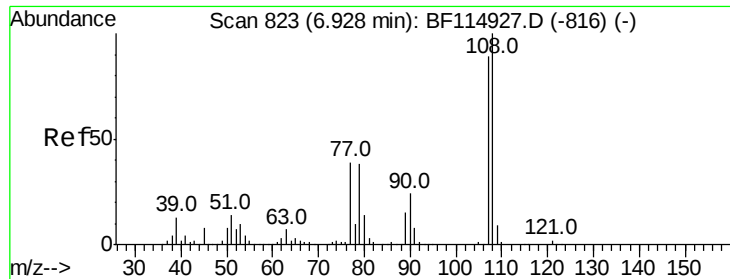
Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Tgt Ion:	45	Resp:	526160
Ion Ratio	Lower	Upper	
45	100		
77	15.8	0.0	36.2
79	12.2	0.0	32.7





#17

2-Methylphenol

Concen: 20.682 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

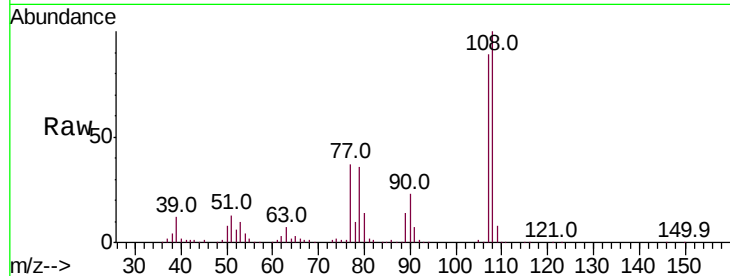
ClientSampleId :

SSTDIC020

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.2	135.2
77	42.1	35.4	53.0
79	40.2	34.6	52.0

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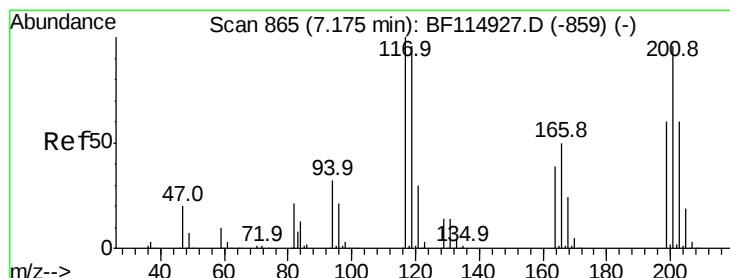
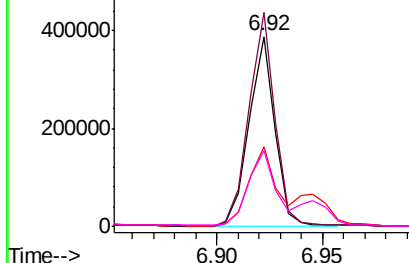
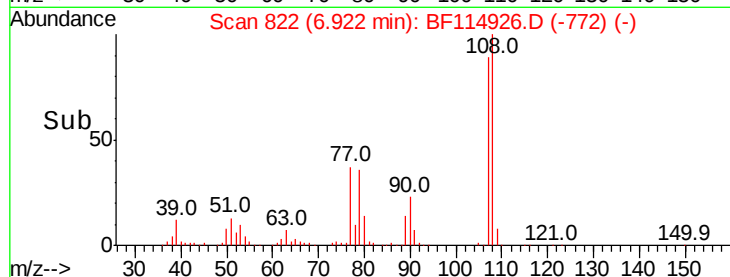
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 20.736 ng

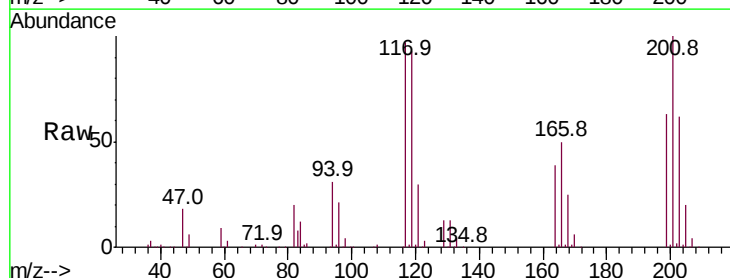
RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.6	114.8
201	103.3	77.0	115.6

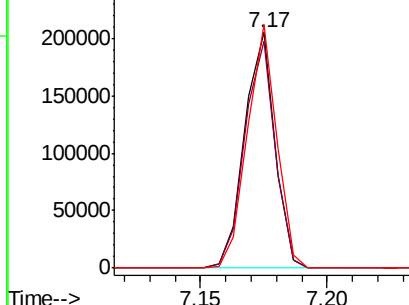
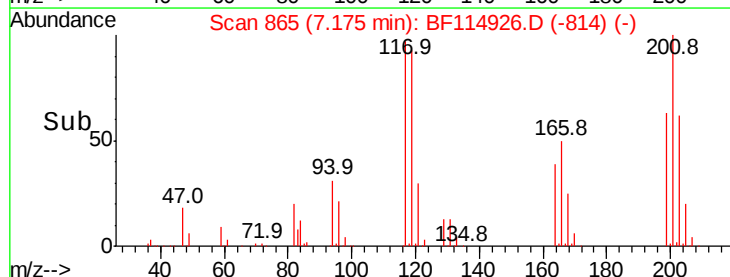


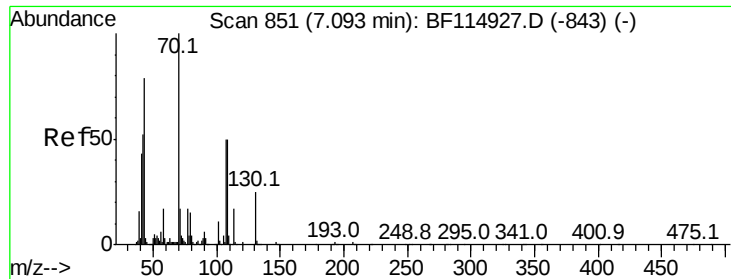
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





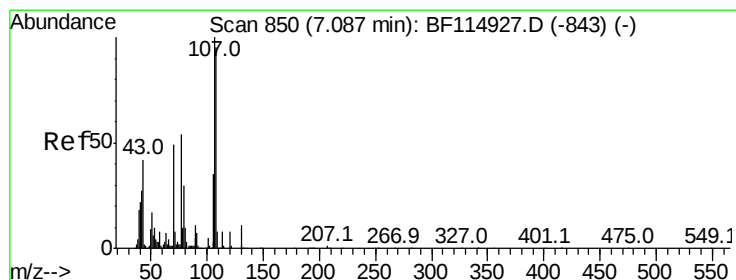
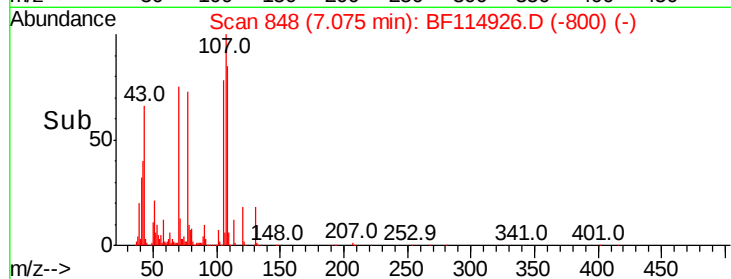
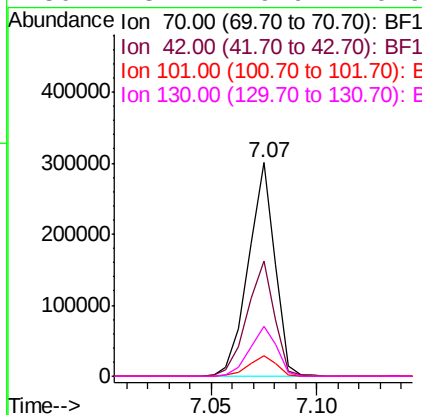
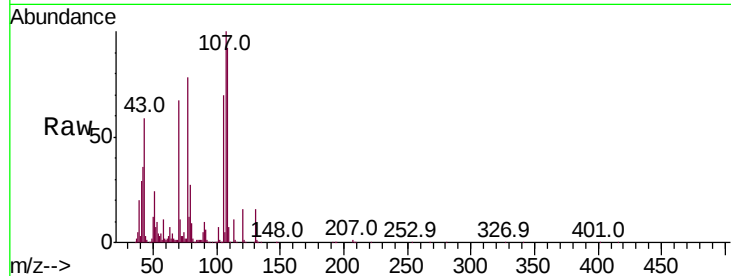
#19
n-Nitroso-di-n-propylamine
Concen: 20.263 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		262525		
42	53.7	41.7	62.5		
101	9.7	8.4	12.6		
130	23.4	19.9	29.9		

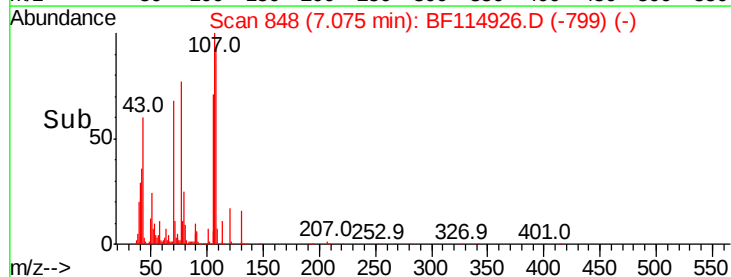
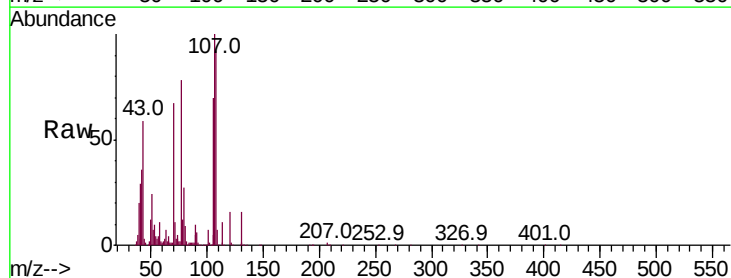
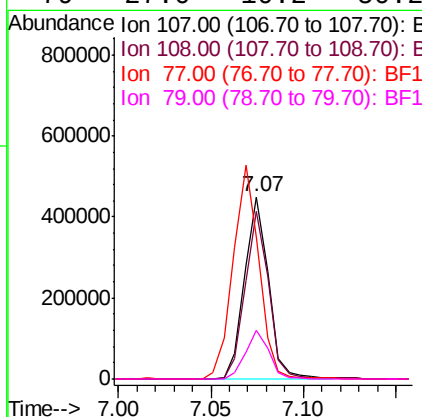
Manual Integrations
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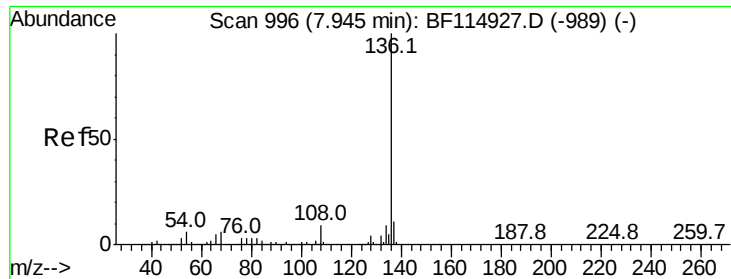
mohammad
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#20
3+4-Methylphenols
Concen: 23.167 ng m
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		405923		
108	91.7	74.7	114.7		
77	77.8	33.7	73.7#		
79	27.0	10.2	50.2		





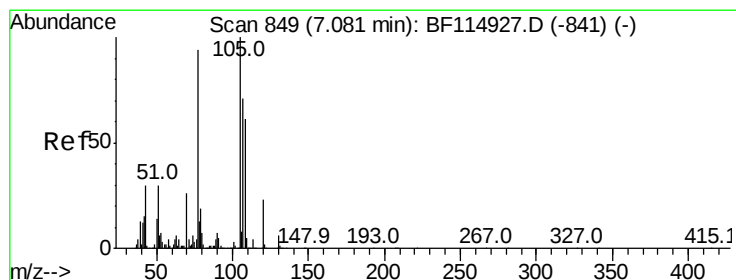
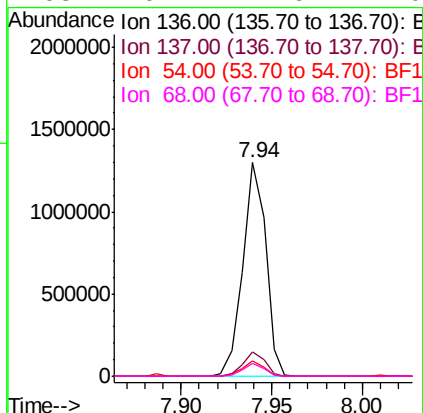
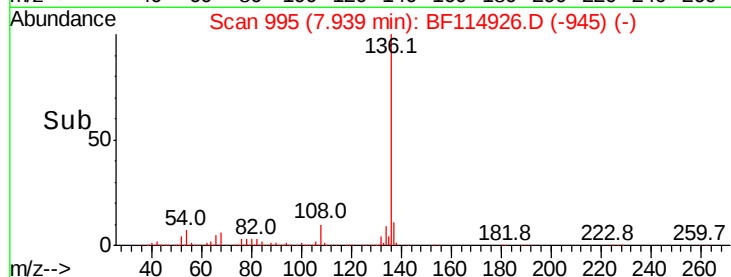
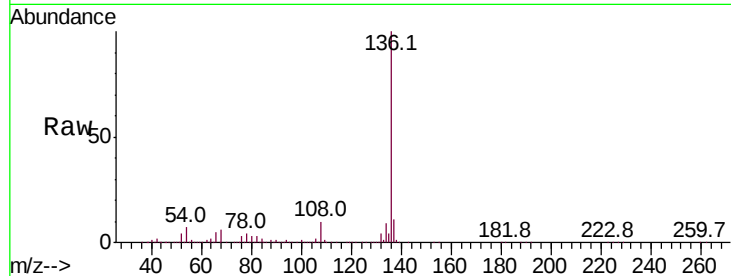
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.0	13.6	
54	7.2	5.2	7.8	
68	6.2	4.6	7.0	

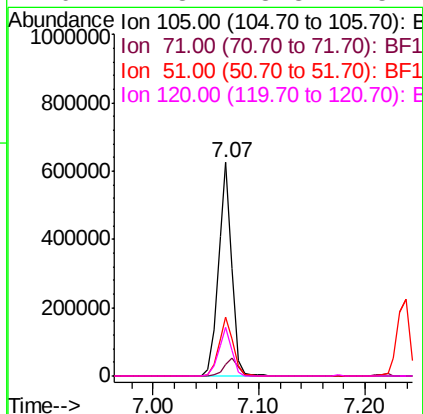
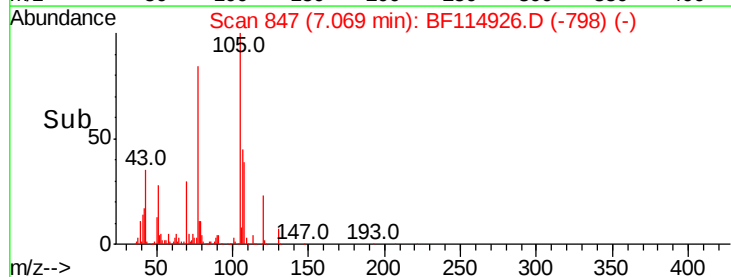
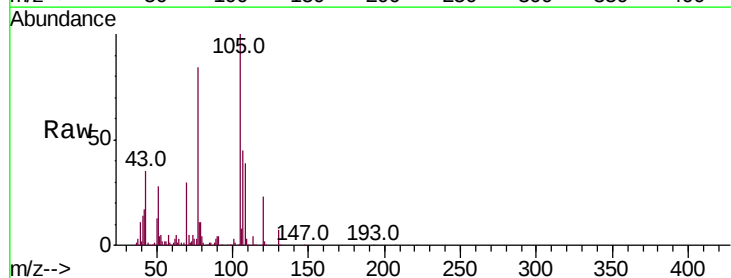
Manual Integrations
APPROVED

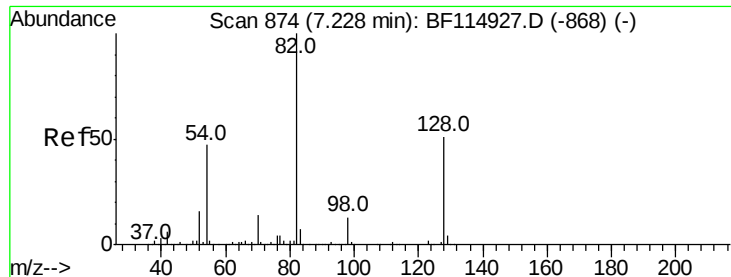
mohammad
6/12/2019 9:13:12 AM



#22
Acetophenone
Concen: 22.017 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.1	3.4	5.2	
51	27.8	24.0	36.0	
120	22.8	18.8	28.2	





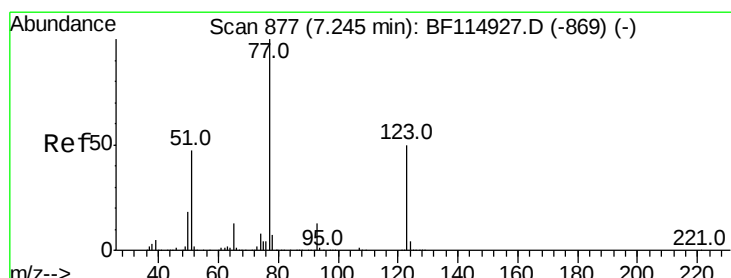
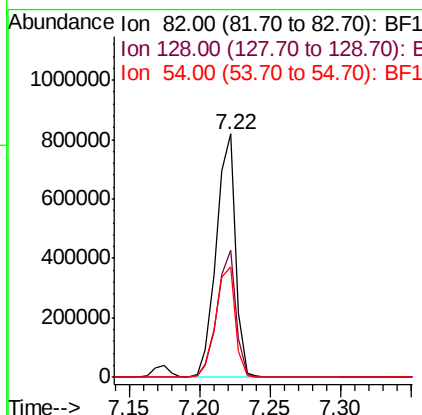
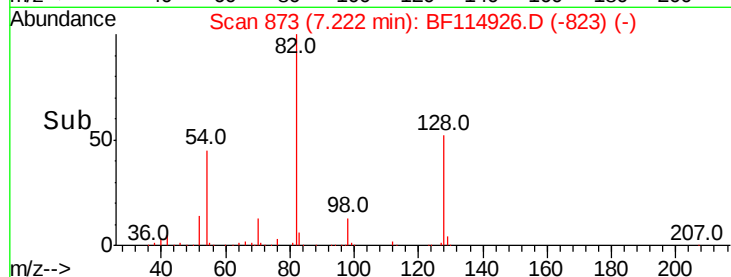
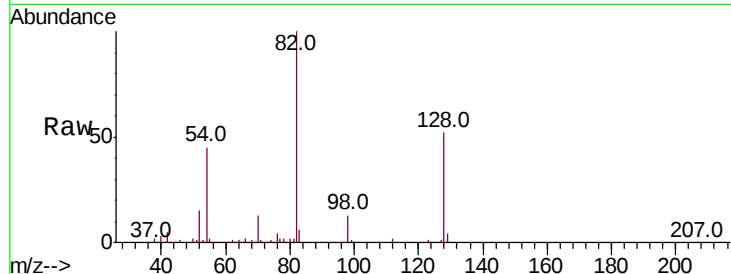
#23
Nitrobenzene-d5
Concen: 41.847 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.1	40.9	61.3
54	45.3	37.4	56.0

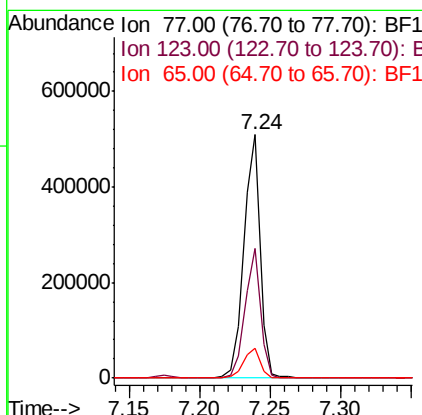
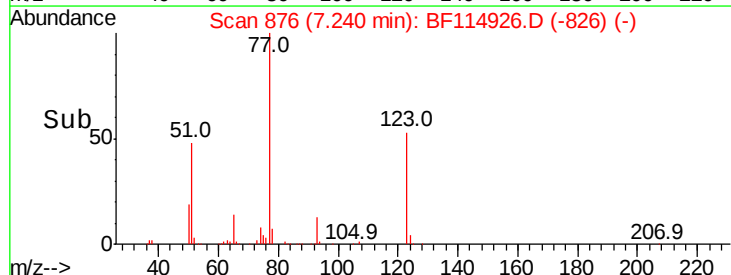
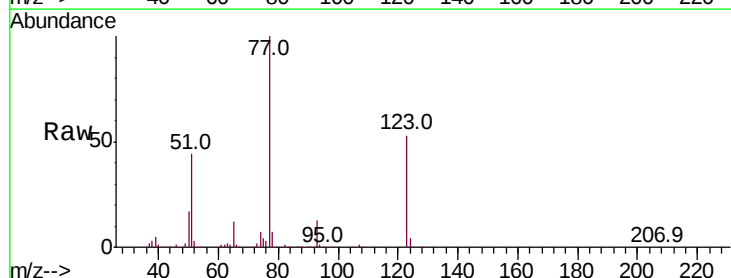
Manual Integrations
APPROVED

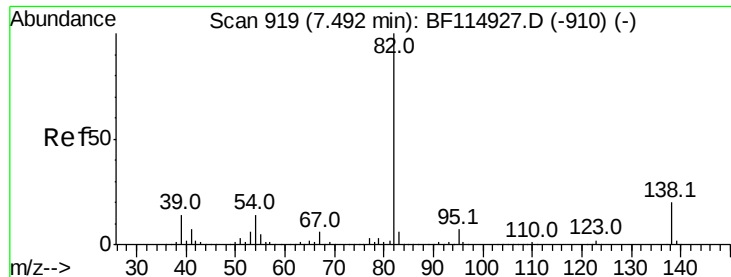
mohammad
6/12/2019 9:13:12 AM



#24
Nitrobenzene
Concen: 21.120 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.3	39.8	59.6
65	12.4	10.7	16.1





#25

Isophorone

Concen: 20.108 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

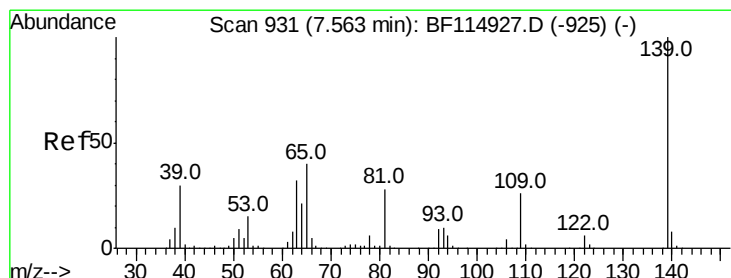
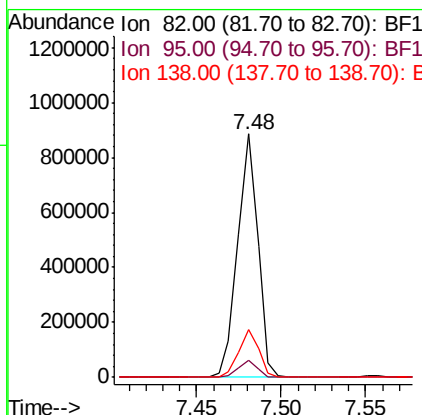
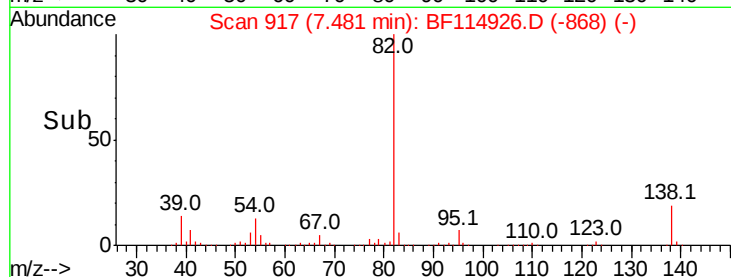
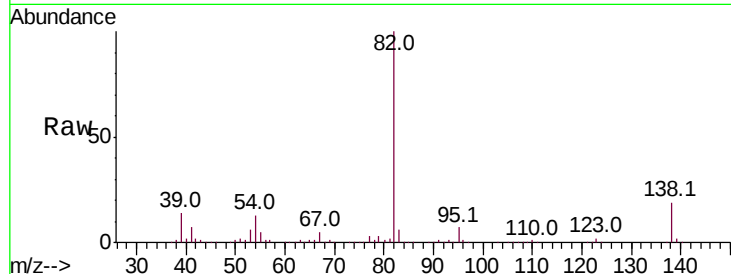
ClientSampleId :

SSTDIC020

Tot Ion:	82	Resp:	739976
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.7	8.5
138	19.5	16.4	24.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 20.660 ng

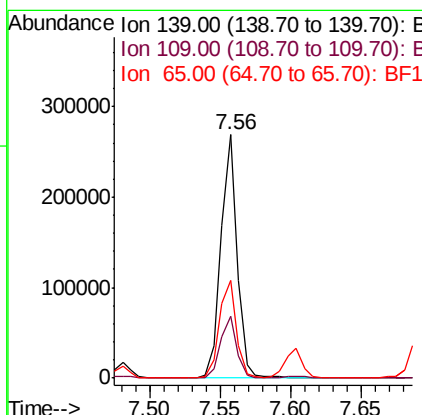
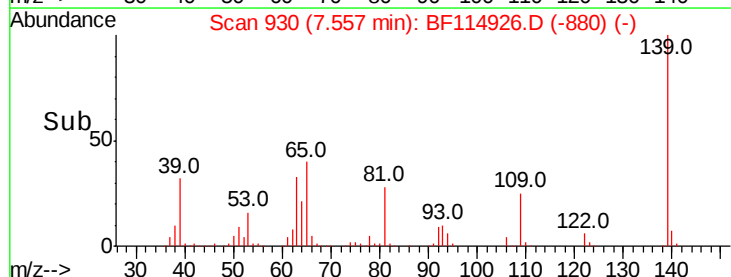
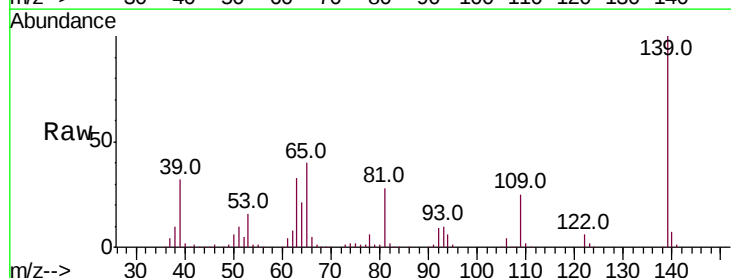
RT: 7.56 min Scan# 930

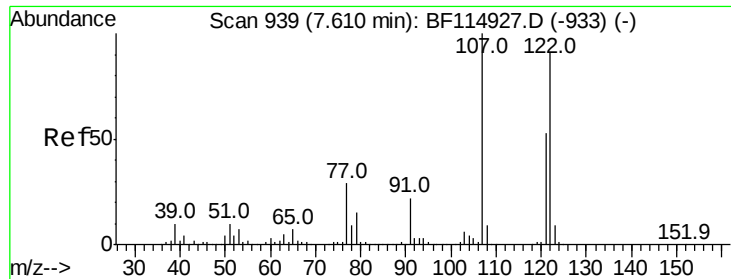
Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Tgt Ion:	139	Resp:	215790
Ion Ratio	Lower	Upper	
139	100		
109	25.4	20.6	30.8
65	40.3	32.2	48.2





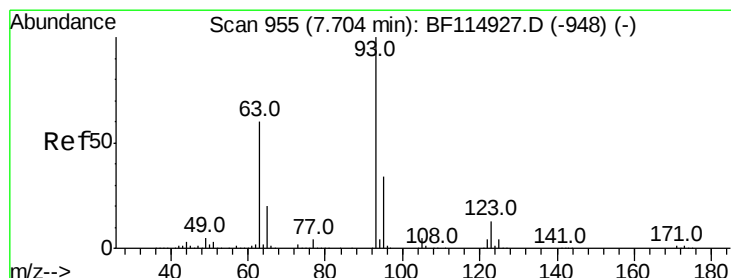
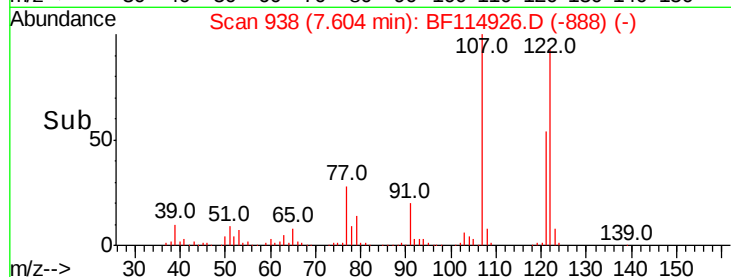
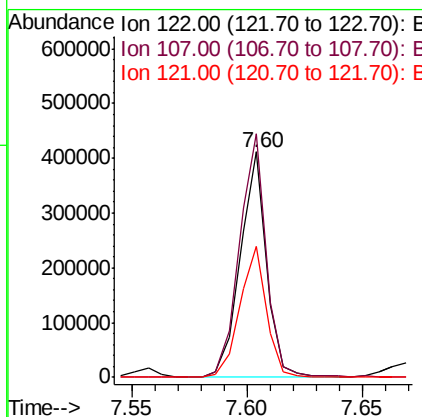
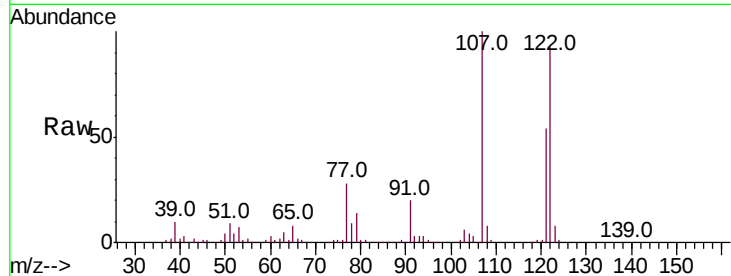
#27
2,4-Dimethylphenol
Concen: 20.676 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
122	100	328231		
107	108.0		88.0	132.0
121	58.2		47.0	70.6

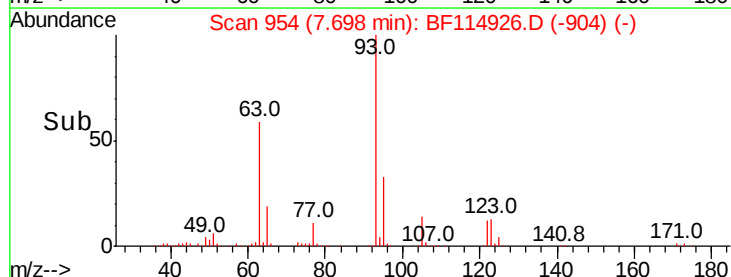
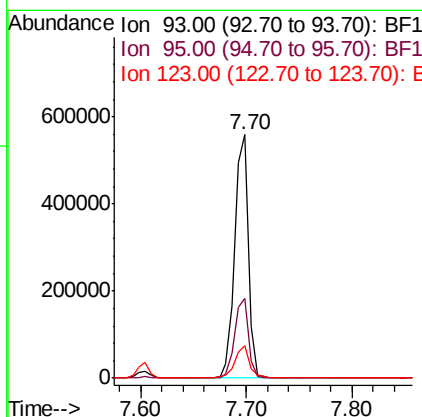
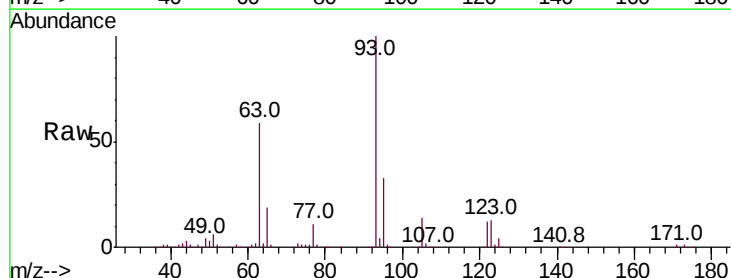
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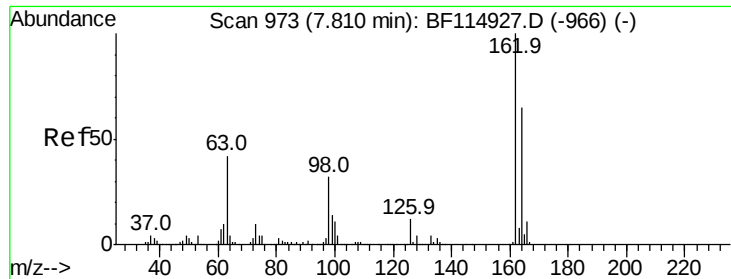
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 21.010 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	494237		
95	33.0		27.0	40.4
123	13.2		10.3	15.5





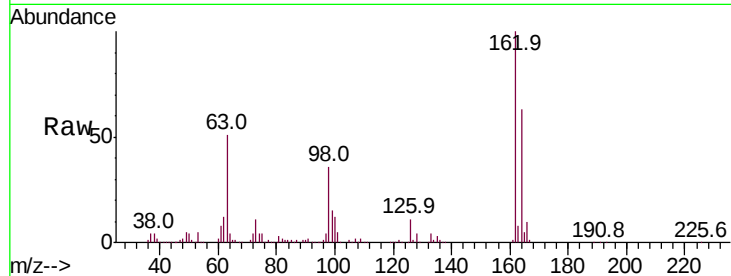
#29
2,4-Dichlorophenol
Concen: 20.859 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
162	100	348386		
164	63.4	45.4	85.4	
98	36.2	12.5	52.5	

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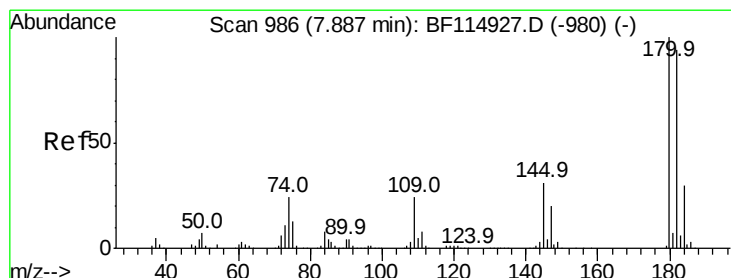
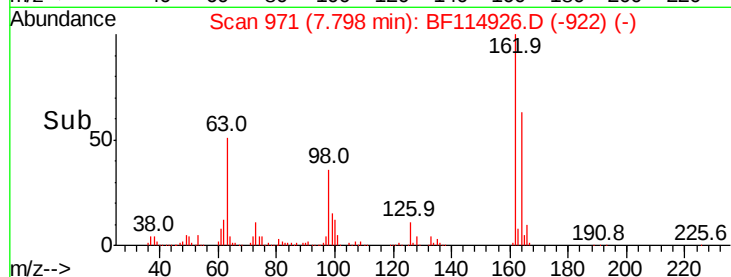
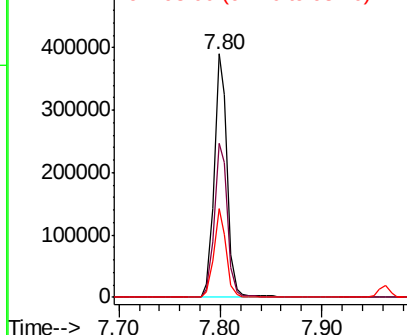


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 21.169 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

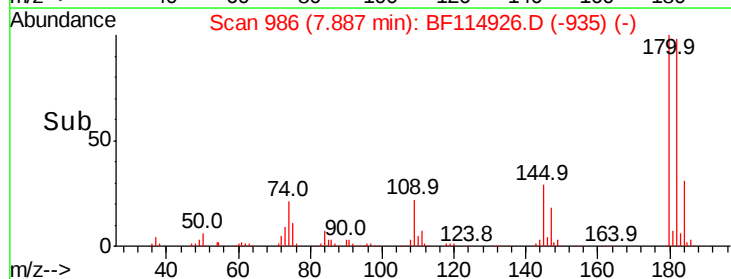
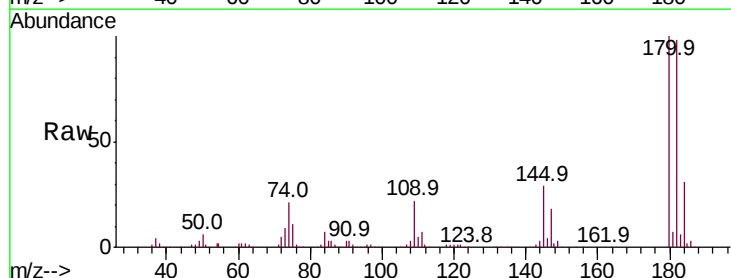
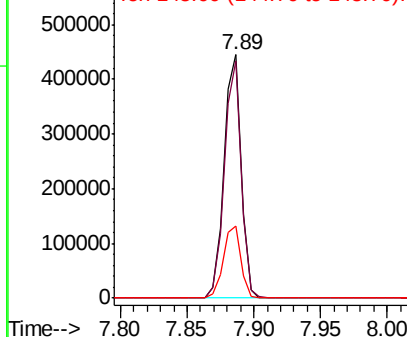
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	405681		
182	97.6	75.0	112.6	
145	29.4	25.1	37.7	

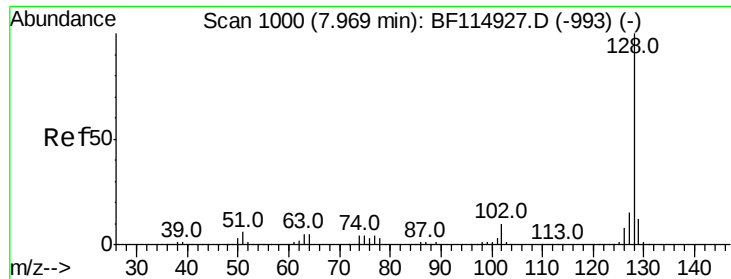
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





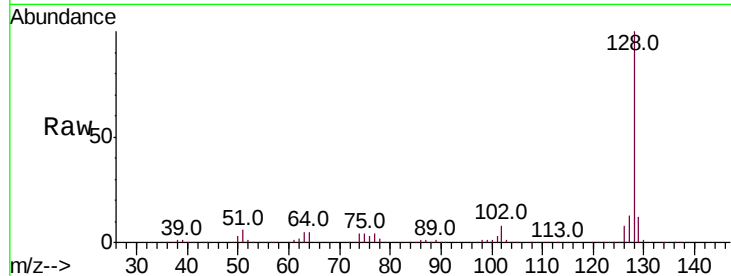
#31
Naphthalene
Concen: 23.446 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.8
127	13.4	11.8	17.6

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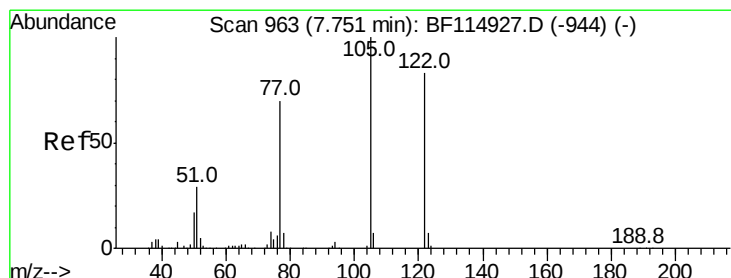
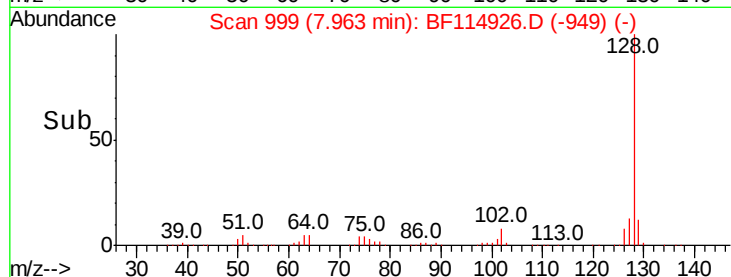
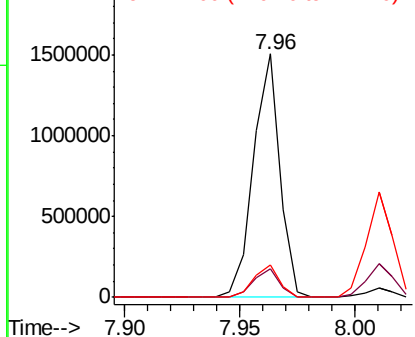


Abundance

Ion 128.00 (127.70 to 128.70): E

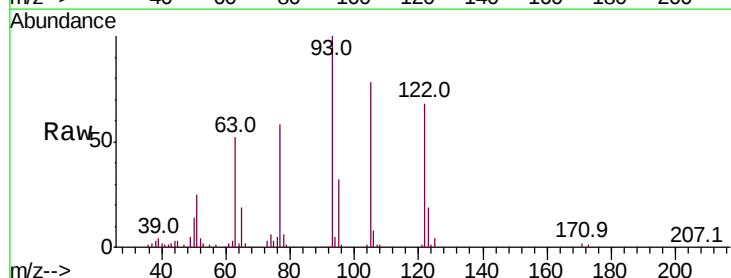
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 17.999 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.05 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.3	97.7	137.7
77	85.7	63.0	103.0

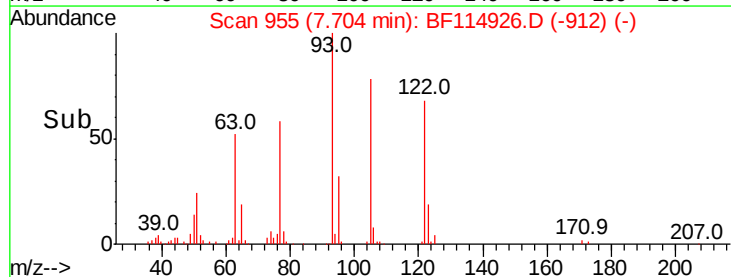
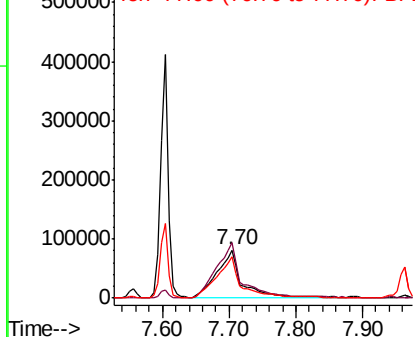


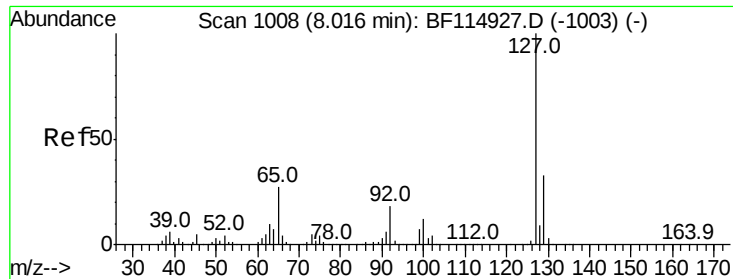
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





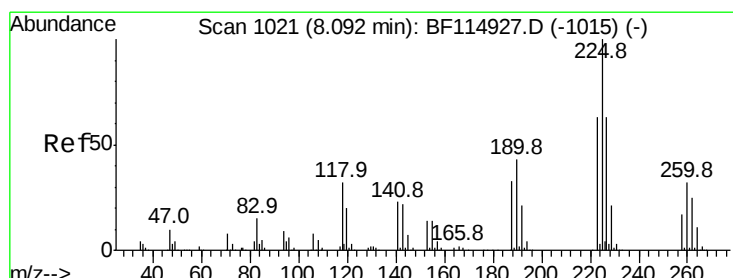
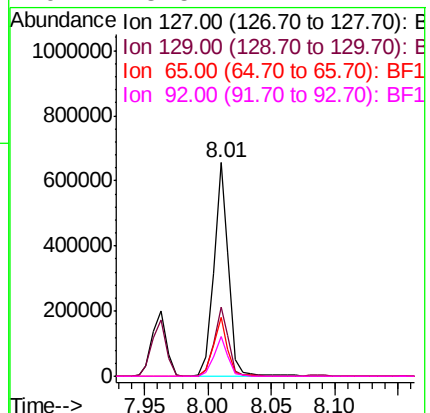
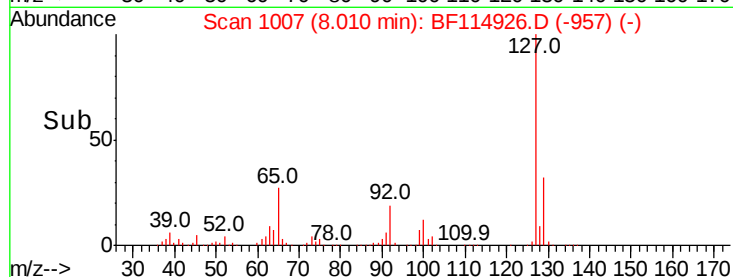
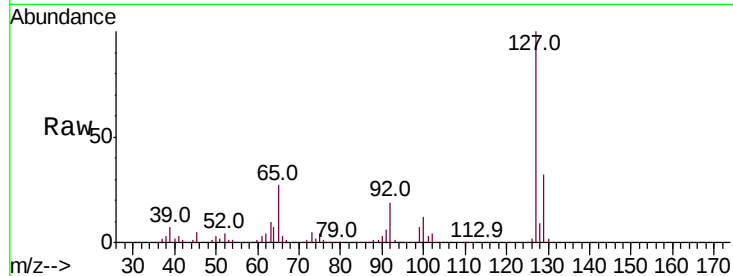
#33
4-Chloroaniline
Concen: 21.625 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.6	40.0		
65	27.3	21.5	32.3		
92	18.5	14.7	22.1		

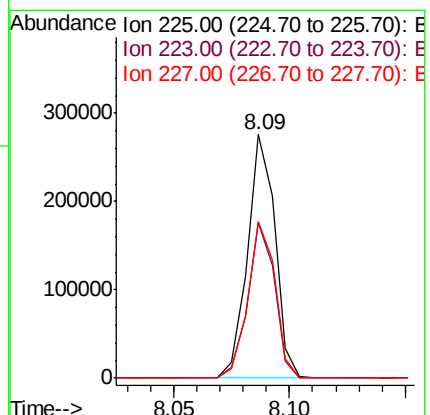
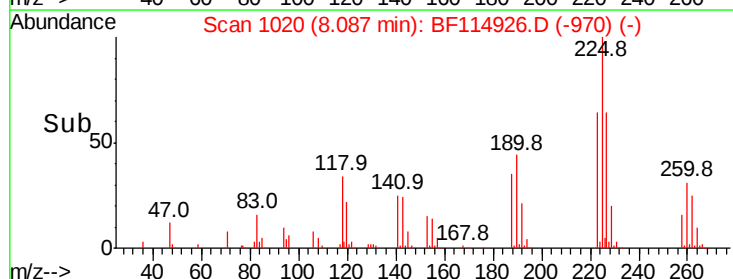
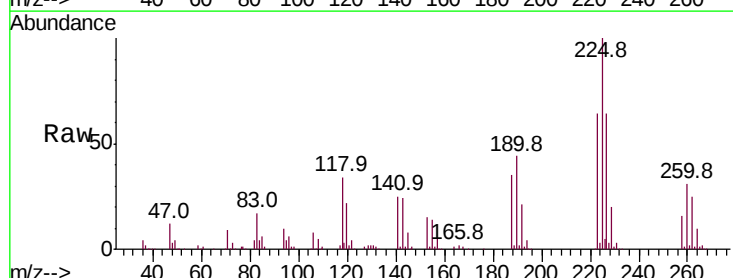
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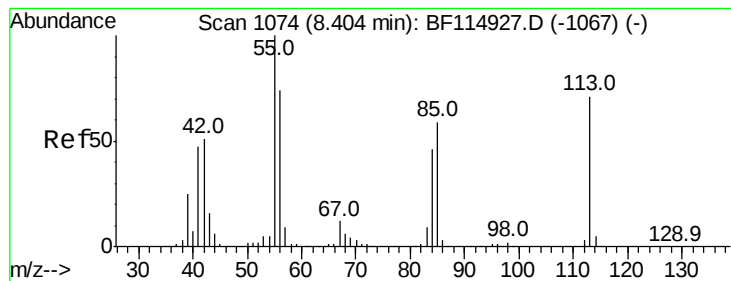
mohammad
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#34
Hexachlorobutadiene
Concen: 21.088 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	50.6	75.8		
227	64.2	50.6	75.8		





#35

Caprolactam

Concen: 20.388 ng

RT: 8.36 min Scan# 1067

Delta R.T. -0.04 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

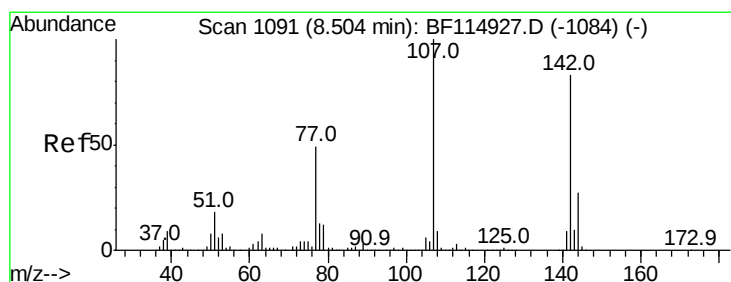
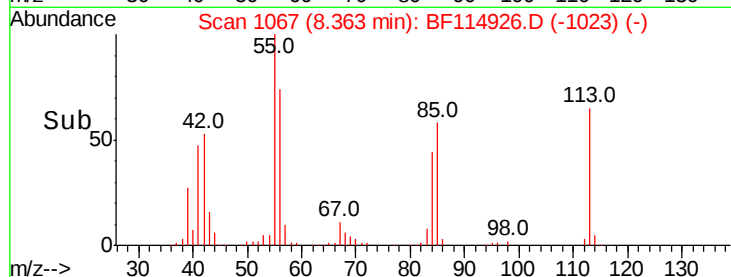
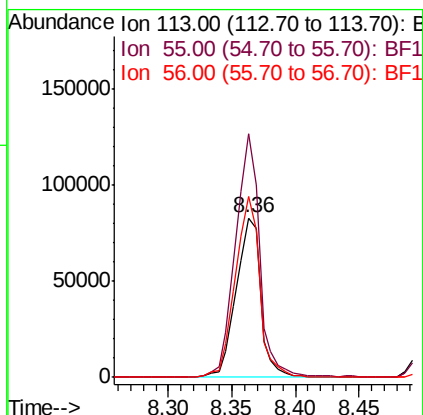
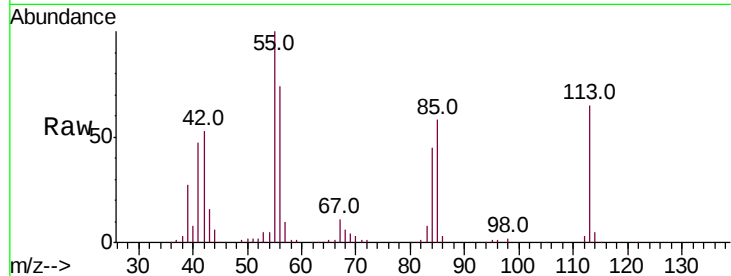
ClientSampleId :

SSTDIC020

Tot Ion:	113	Resp:	111237
Ion Ratio	Lower	Upper	
113	100		
55	152.7	120.9	160.9
56	113.6	84.3	124.3

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#36

4-Chloro-3-methylphenol

Concen: 20.955 ng

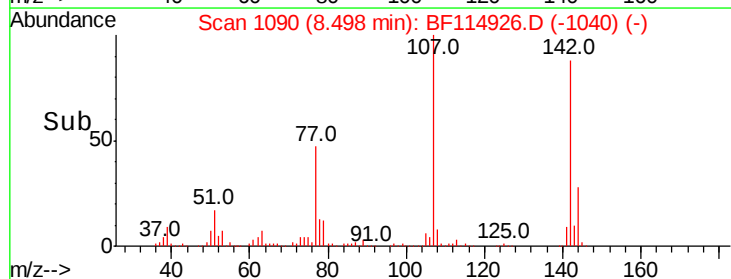
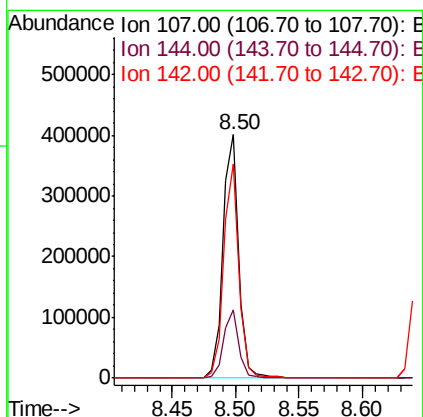
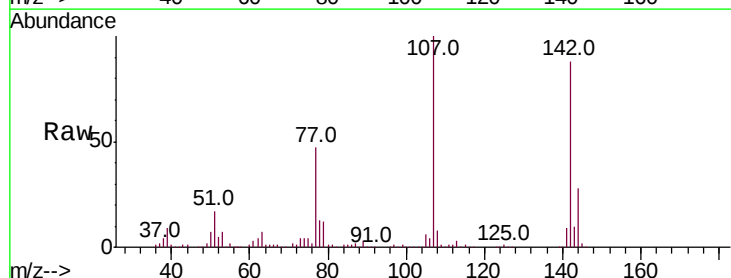
RT: 8.50 min Scan# 1090

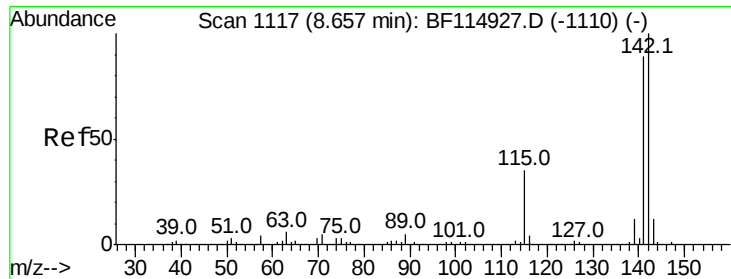
Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Tgt Ion:	107	Resp:	348267
Ion Ratio	Lower	Upper	
107	100		
144	28.3	21.6	32.4
142	87.7	66.1	99.1





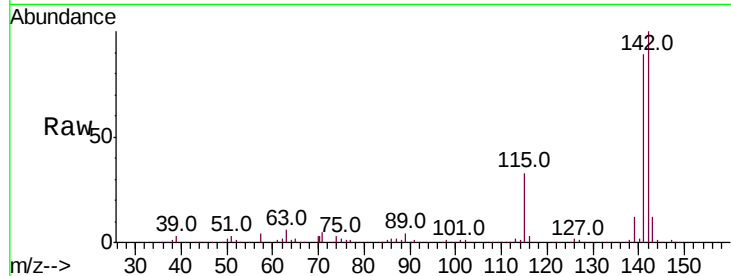
#37
2-Methylnaphthalene
Concen: 22.404 ng
RT: 8.65 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
142	100	801683		
141	89.4		71.1	106.7
115	33.0		27.8	41.6

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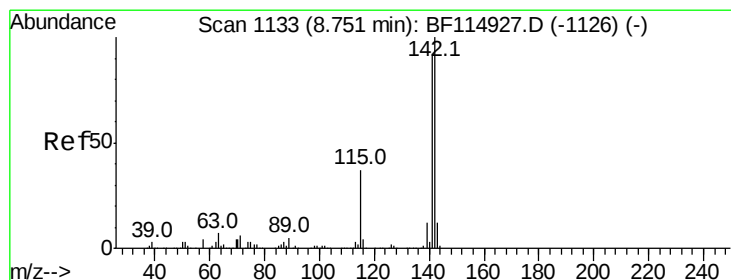
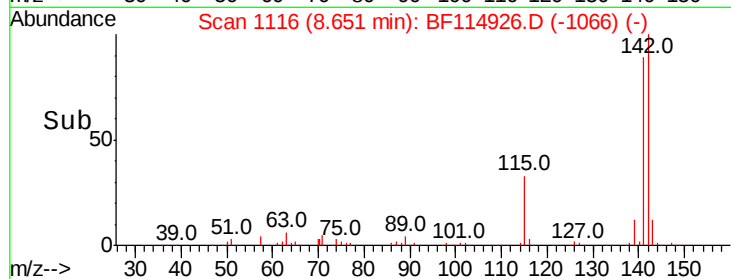
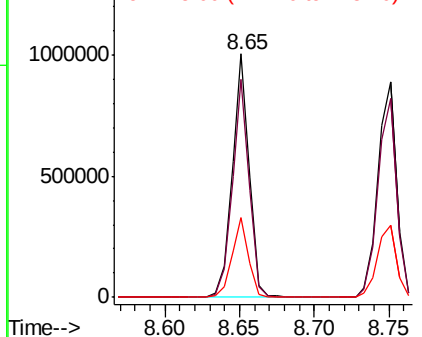


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 22.450 ng
RT: 8.75 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

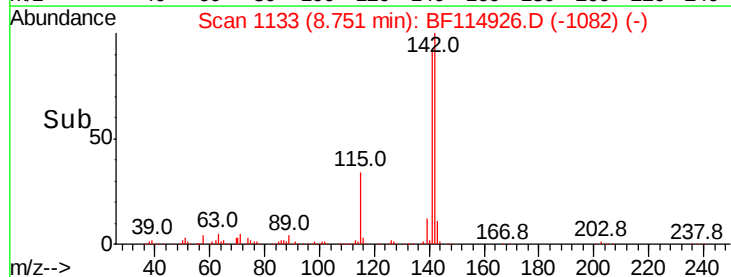
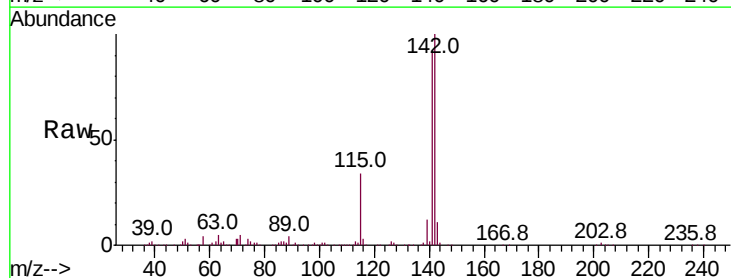
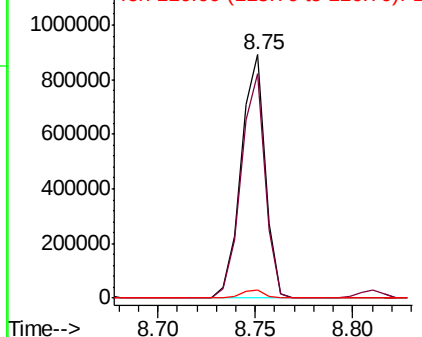
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	761823		
141	92.1		73.7	110.5
116	3.4		3.1	4.7

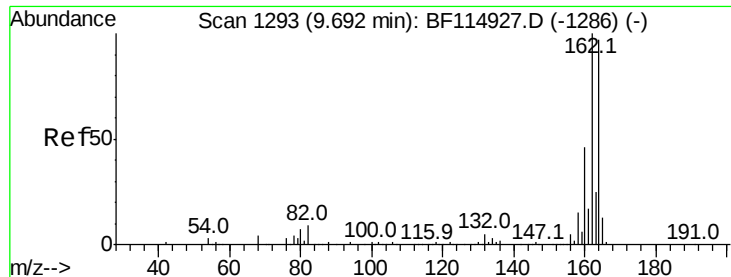
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

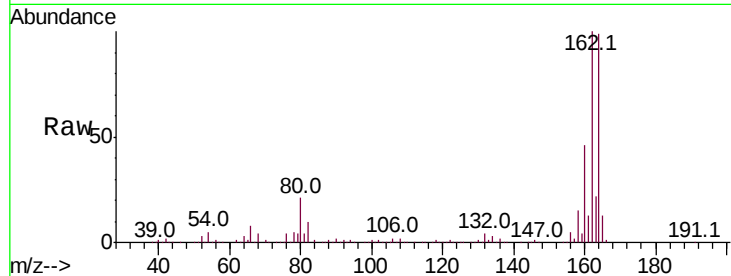
ClientSampleId :

SSTDIC020

Tot Ion:	164	Resp:	569244
Ion Ratio	Lower	Upper	
164	100		
162	101.5	82.4	123.6
160	46.3	37.5	56.3

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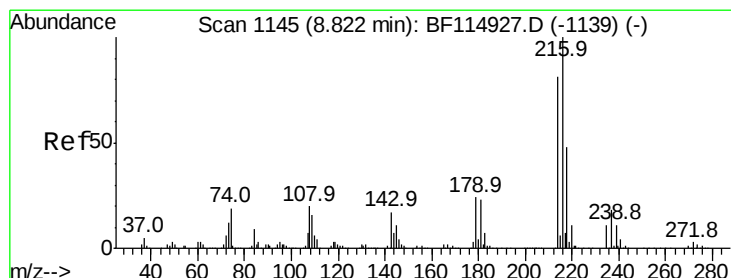
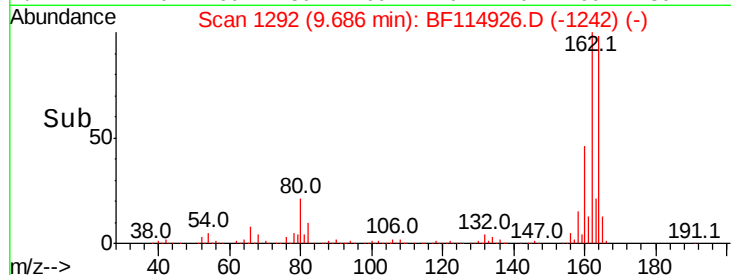
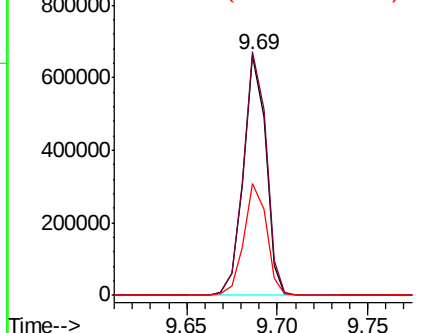


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 22.401 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Tgt Ion:	216	Resp:	367475
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.8	95.8
179	22.0	18.5	27.7
108	18.6	15.6	23.4

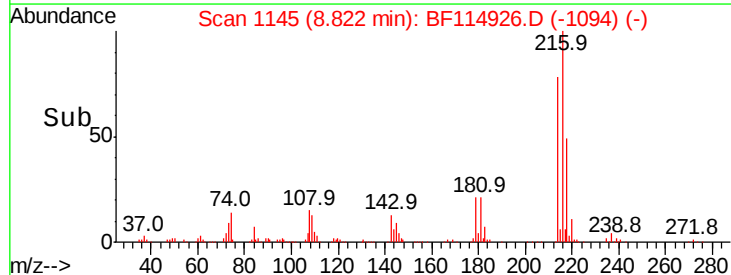
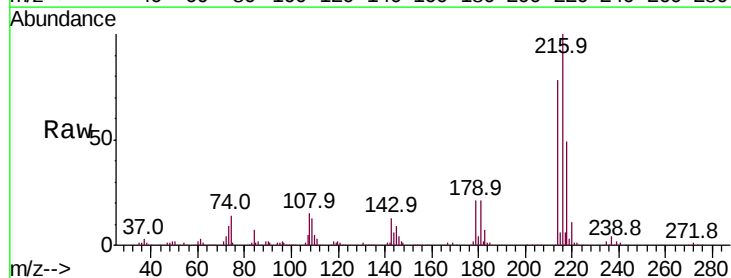
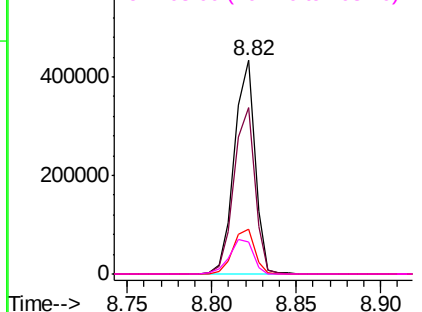
Abundance

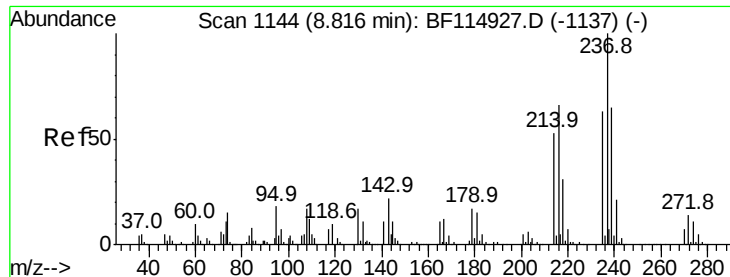
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 18.523 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

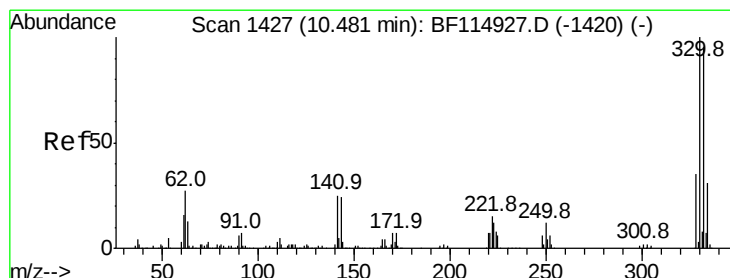
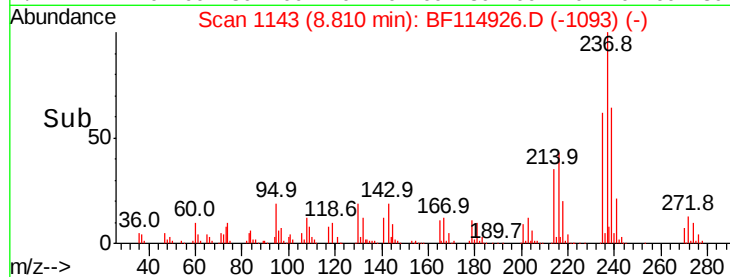
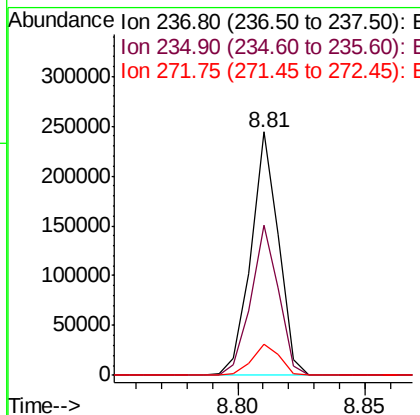
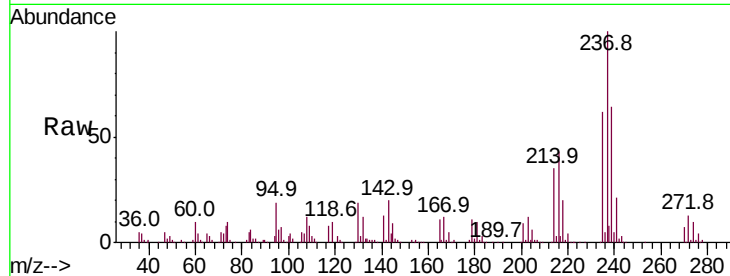
ClientSampleId :

SSTDIC020

Tot Ion:	237	Resp:	184292
Ion Ratio	Lower	Upper	
237	100		
235	61.7	43.3	83.3
272	12.6	0.0	33.5

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#42

2,4,6-Tribromophenol

Concen: 44.266 ng

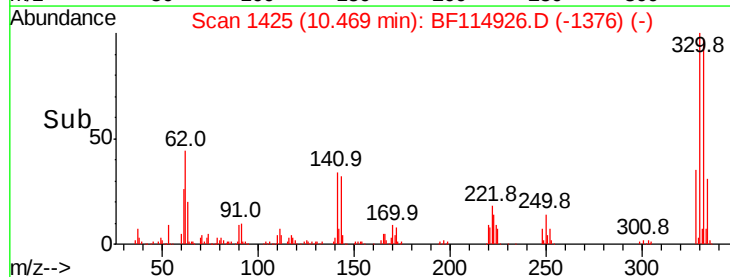
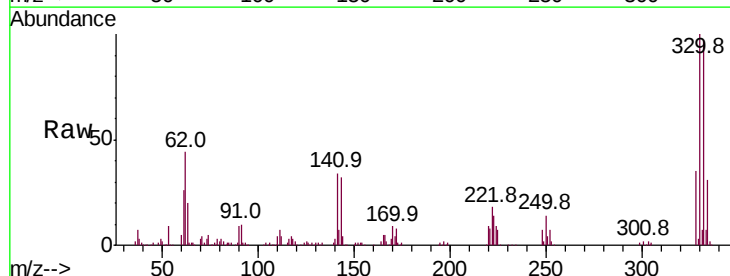
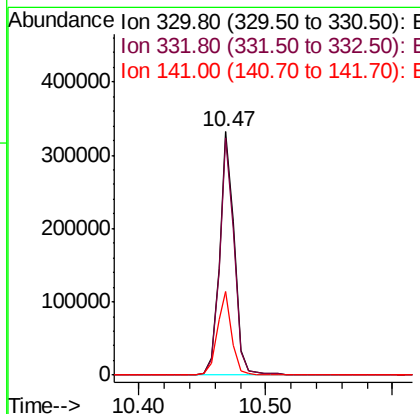
RT: 10.47 min Scan# 1425

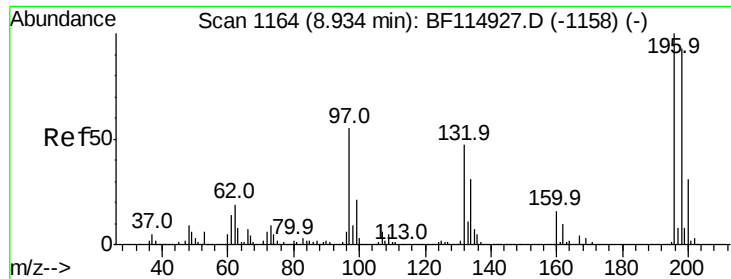
Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Tgt Ion:	330	Resp:	271552
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.4	114.6
141	33.8	26.8	40.2





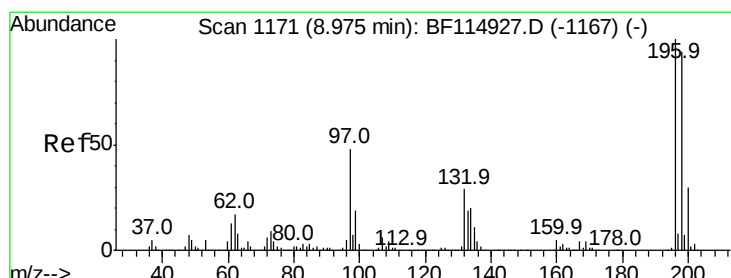
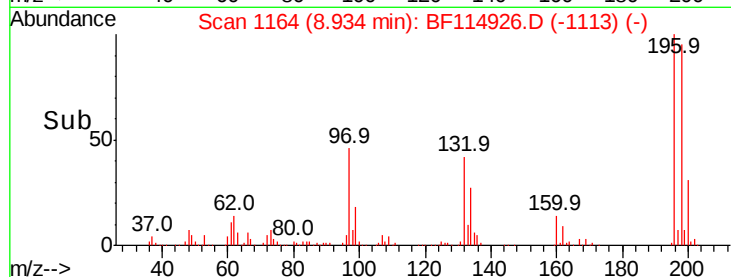
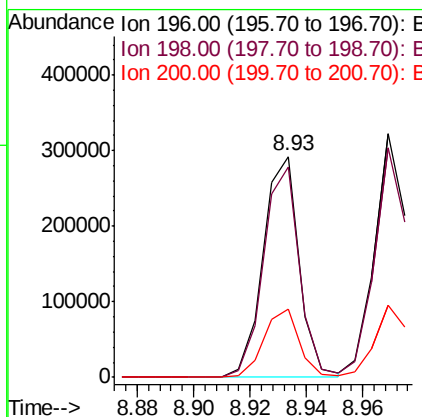
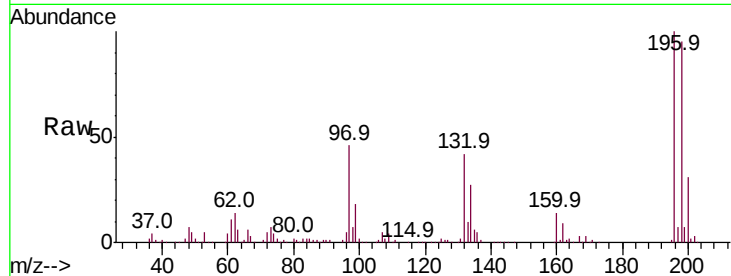
#43
 2,4,6-Trichlorophenol
 Concen: 20.303 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Resp	Lower	Upper
196	100	258986		
198	95.1	74.8	112.2	
200	31.2	24.5	36.7	

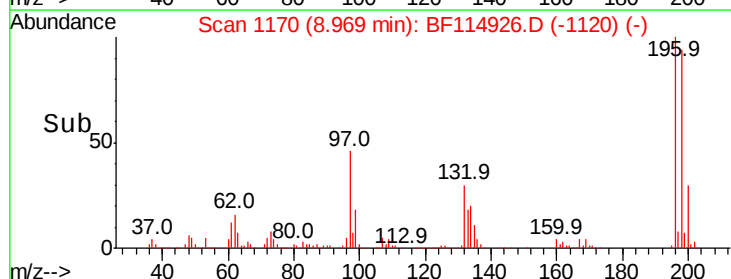
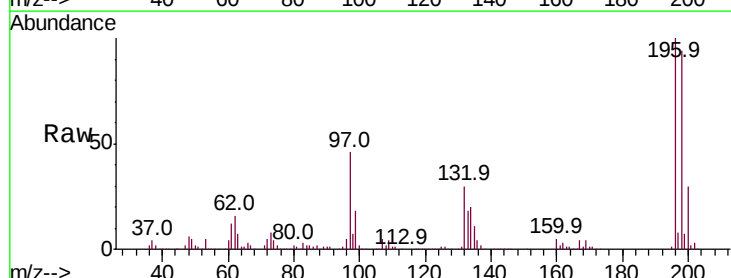
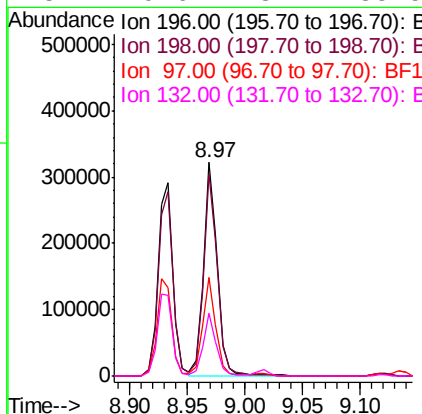
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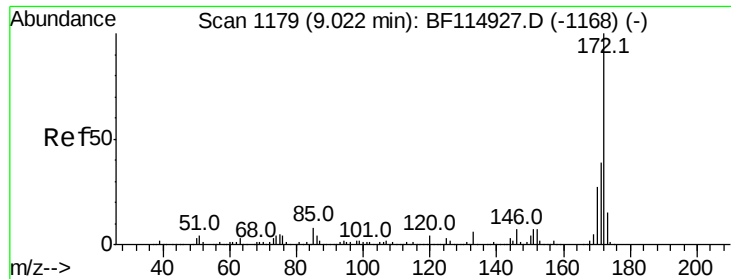
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#44
 2,4,5-Trichlorophenol
 Concen: 21.050 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	270419		
198	94.4	75.6	113.4	
97	46.1	38.6	57.8	
132	29.6	23.7	35.5	





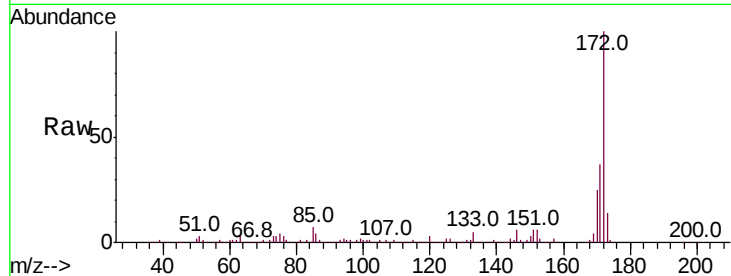
#45
2-Fluorobiphenyl
Concen: 52.555 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

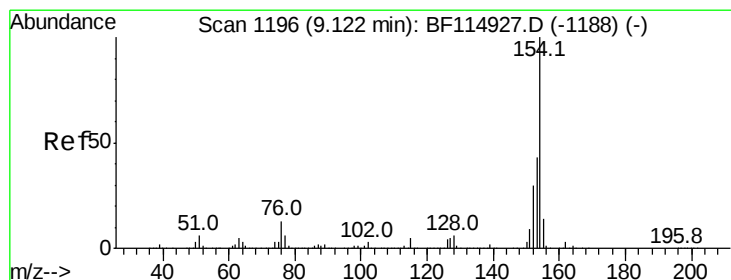
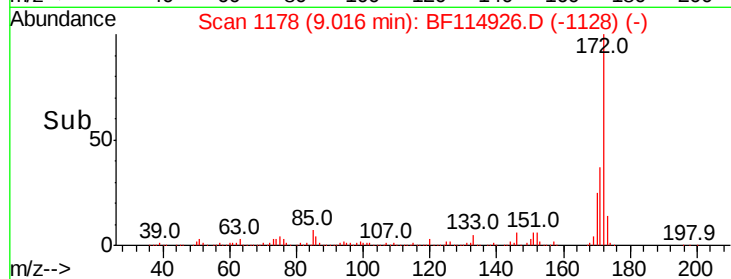
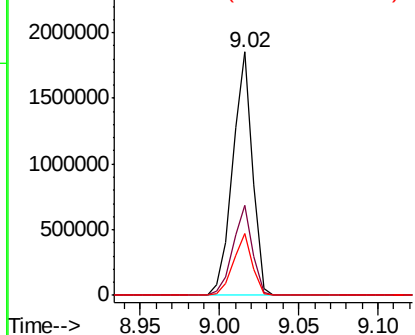
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	31.3	46.9
170	25.1	21.4	32.0

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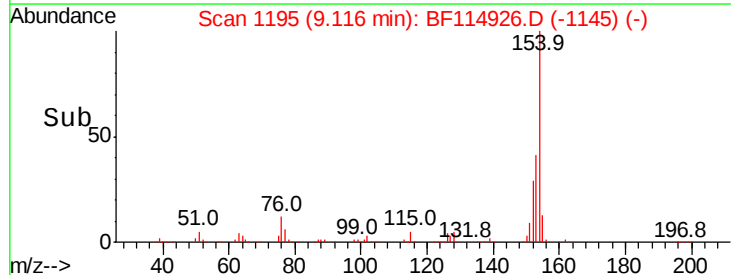
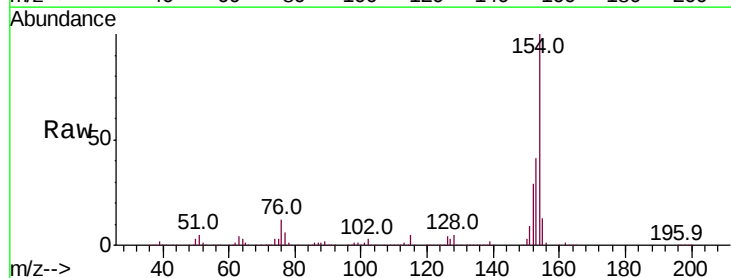
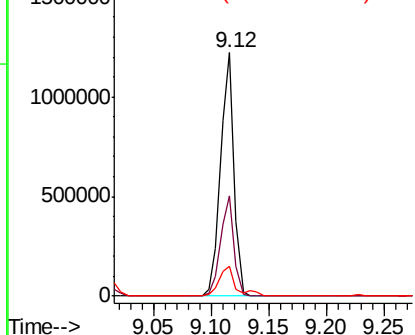
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

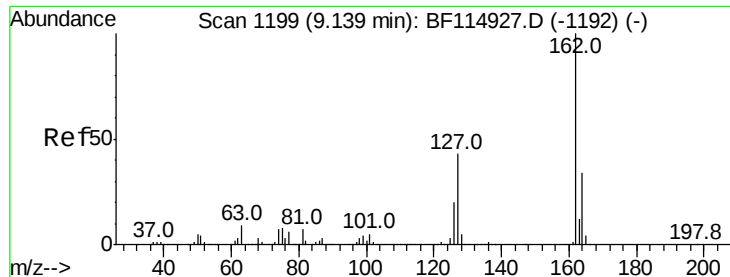


#46
1,1'-Biphenyl
Concen: 23.469 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.8	62.8
76	12.1	0.0	33.0

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





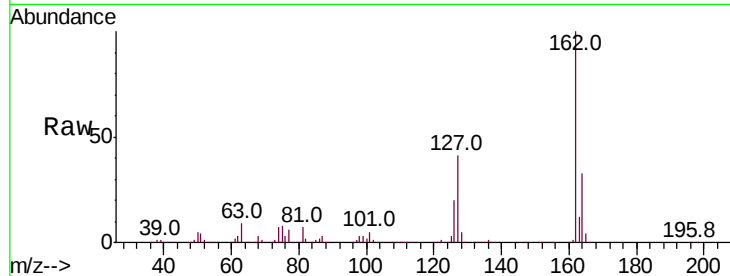
#47
 2-Chloronaphthalene
 Concen: 22.224 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

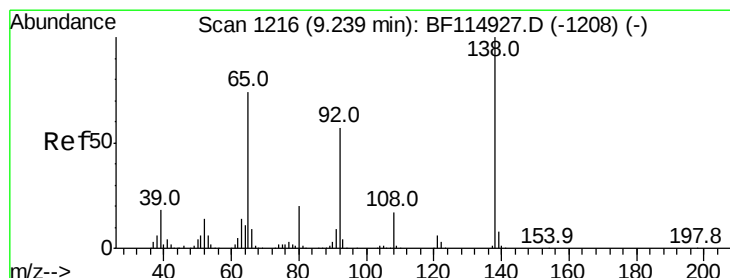
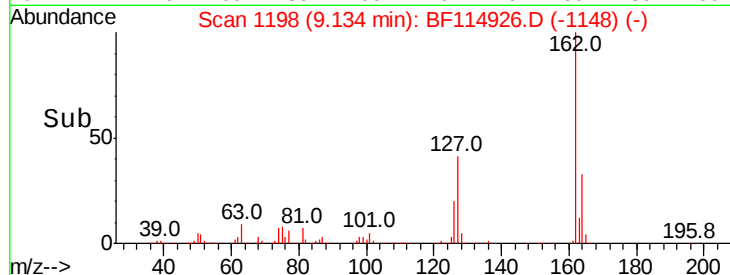
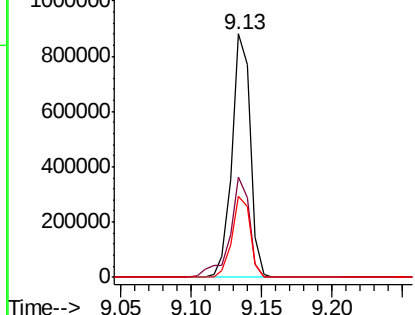
Tot Ion	Ratio	Resp	Lower	Upper
162	100	796731		
127	41.1		34.6	51.8
164	33.4		27.5	41.3

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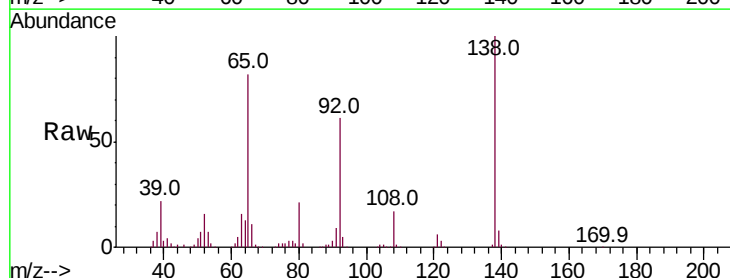


Abundance Ion 162.00 (161.70 to 162.70): E
 1200000
 Ion 127.00 (126.70 to 127.70): E
 1000000
 Ion 164.00 (163.70 to 164.70): E

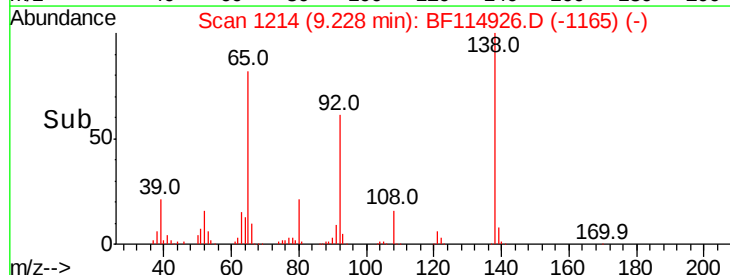
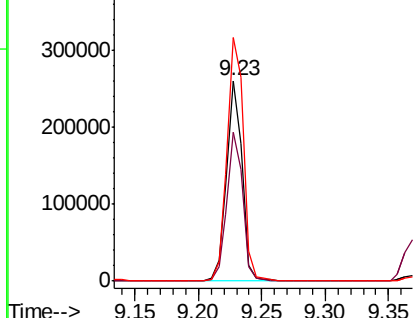


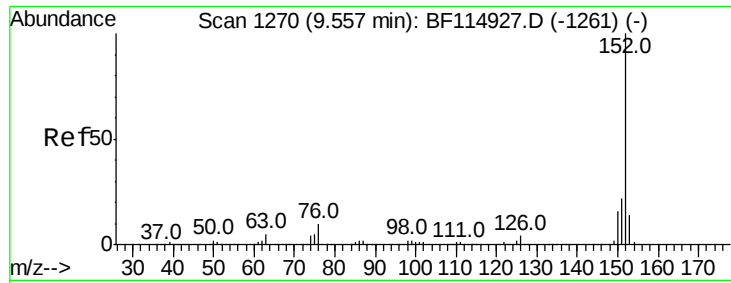
#48
 2-Nitroaniline
 Concen: 20.714 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	221601		
92	74.3		61.9	92.9
138	121.7		108.6	162.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 400000
 Ion 92.00 (91.70 to 92.70): BF1
 300000
 Ion 138.00 (137.70 to 138.70): E





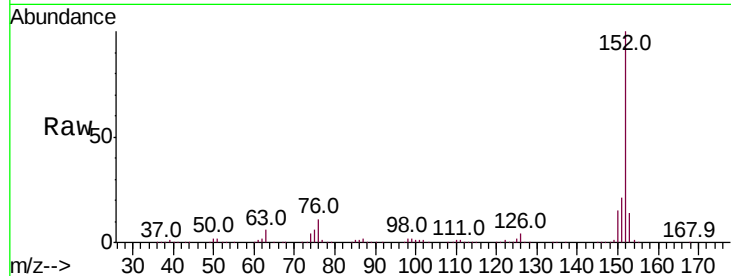
#49
Acenaphthylene
Concen: 23.697 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

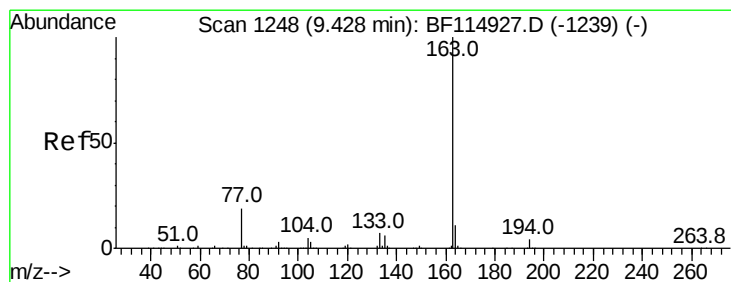
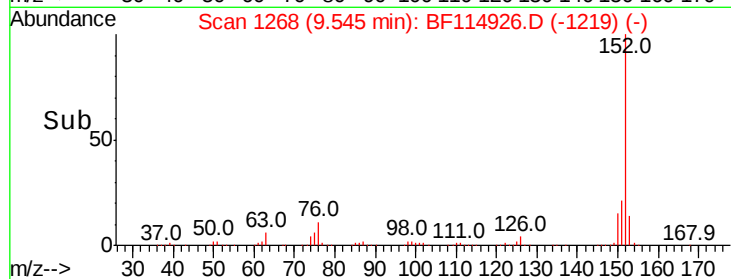
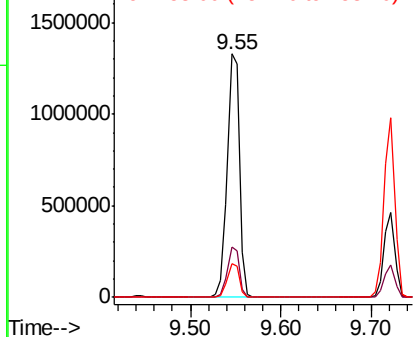
Tot Ion:	152	Resp:	1231940
Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.6	26.4
153	13.9	11.4	17.0

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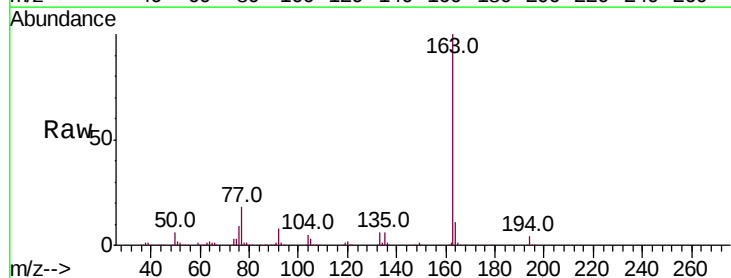


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

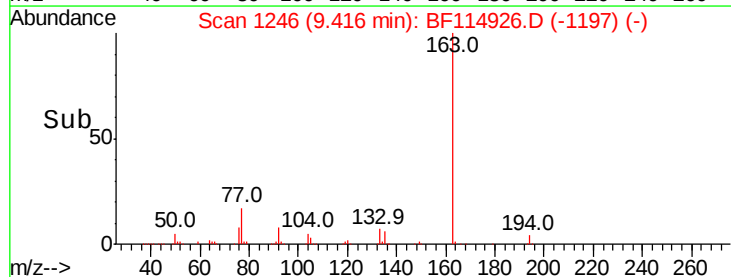
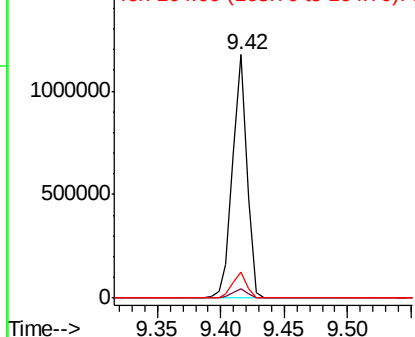


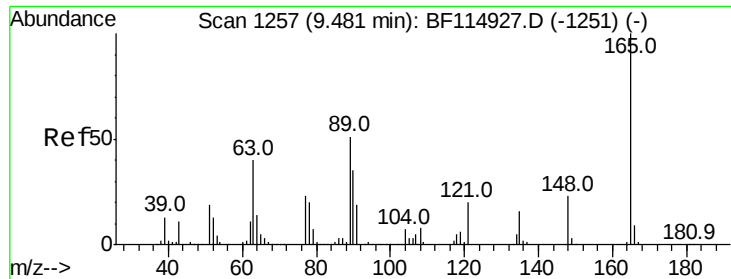
#50
Dimethylphthalate
Concen: 22.121 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion:	163	Resp:	919709
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.6	8.7	13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 20.634 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

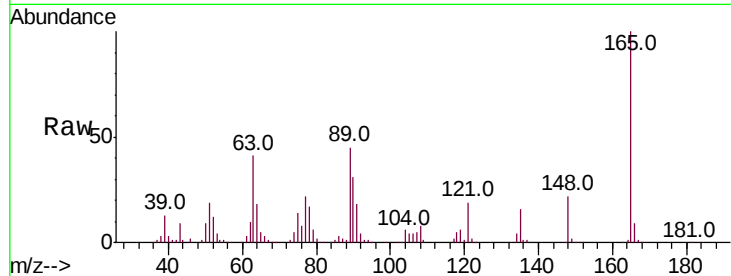
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
165	100	201756		
63	40.9	38.3	57.5	
89	45.2	40.8	61.2	

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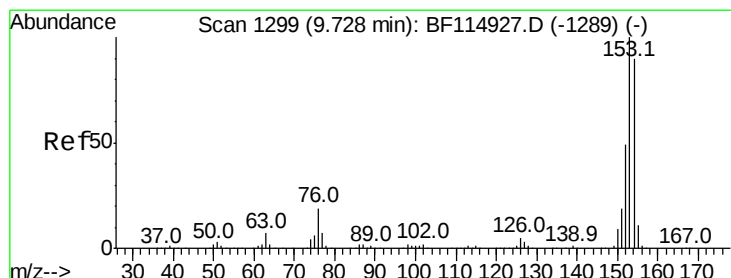
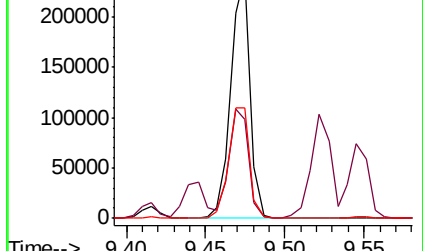
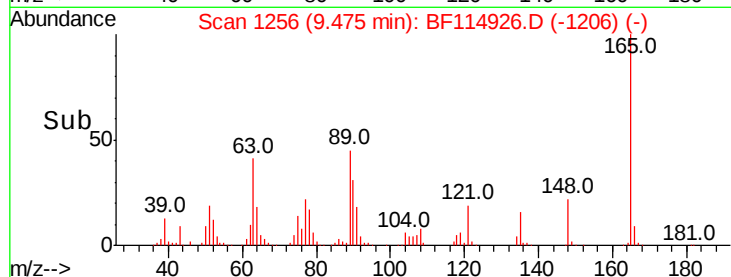


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



#52

Acenaphthene

Concen: 21.386 ng

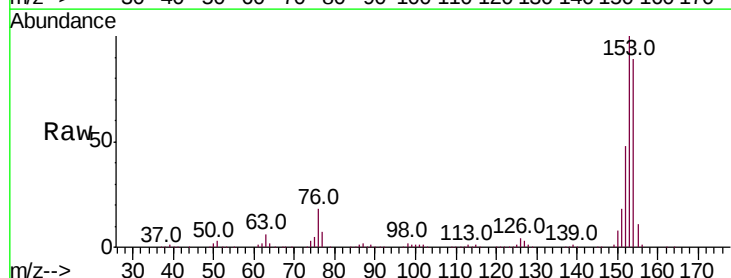
RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	728316		
153	112.4	89.1	133.7	
152	53.5	43.8	65.6	

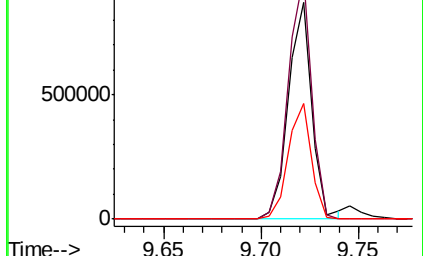
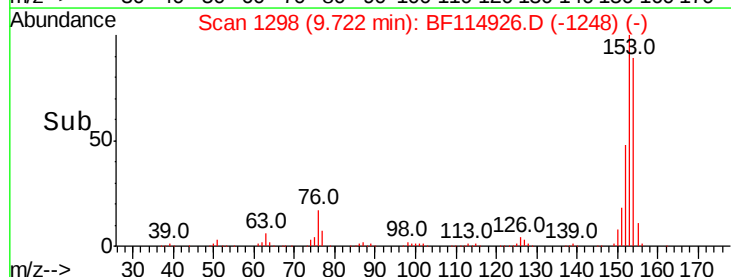


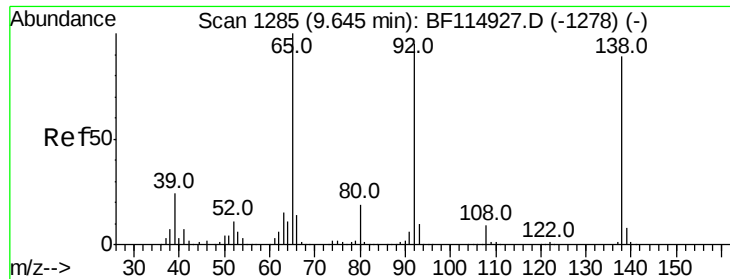
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->





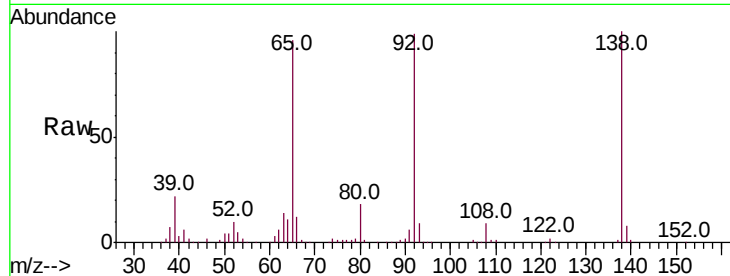
#53
3-Nitroaniline
Concen: 21.373 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.9	11.9
92	98.7	85.0	127.6

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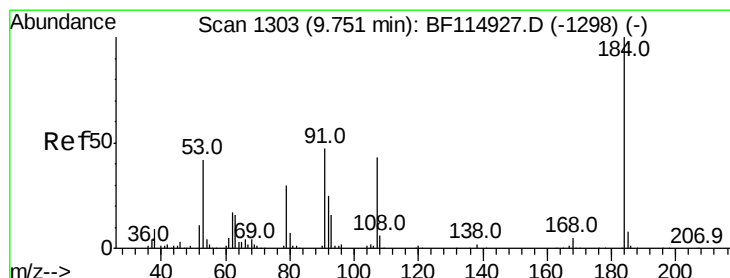
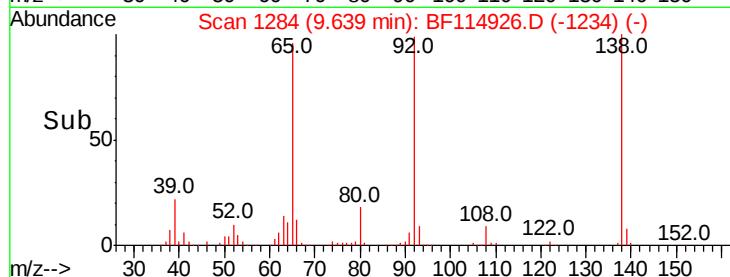
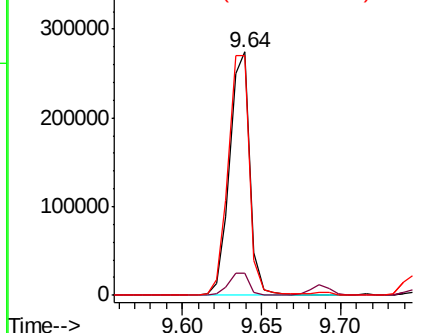


Abundance

Ion 138.00 (137.70 to 138.70): E

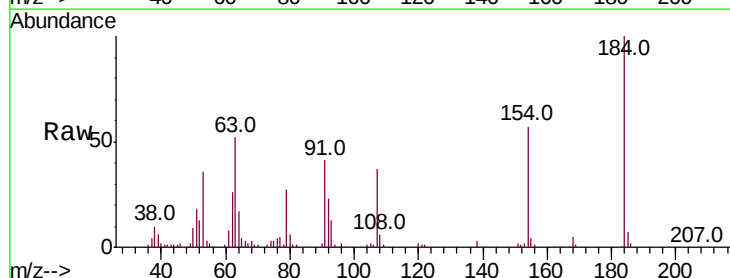
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 18.945 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.2	47.4	71.0
154	56.8	48.6	73.0

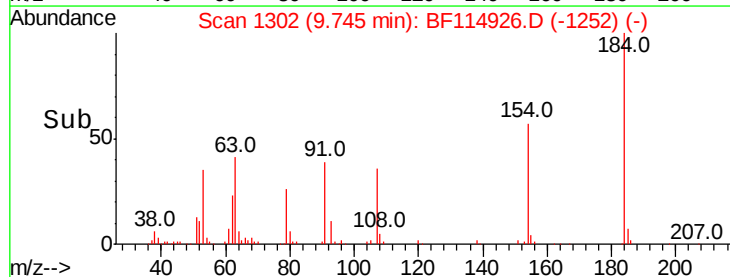
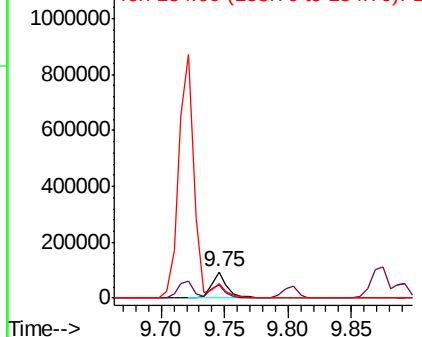


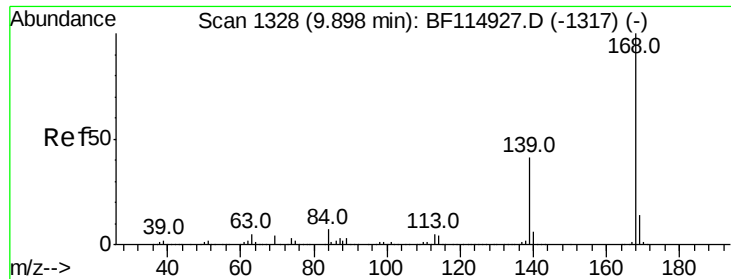
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





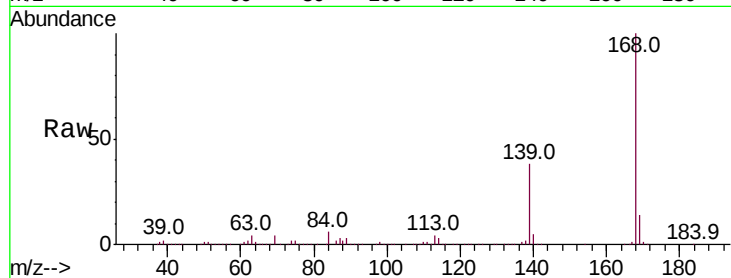
#55
Dibenzofuran
Concen: 22.636 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

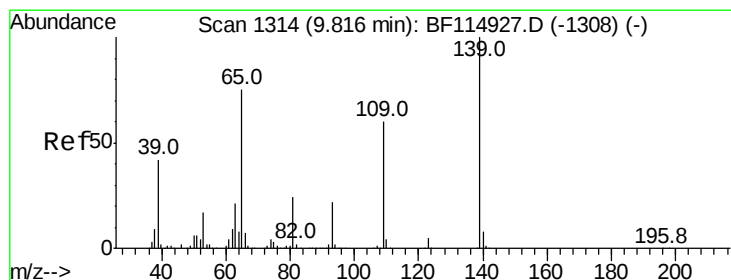
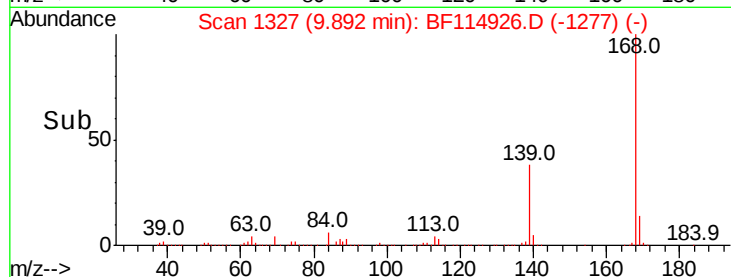
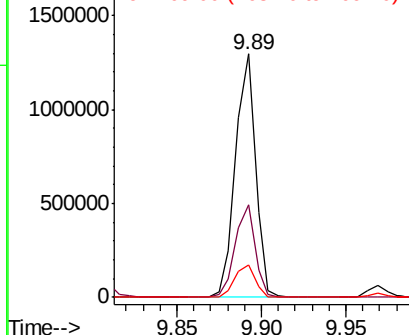
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	33.0	49.4
169	13.6	11.6	17.4

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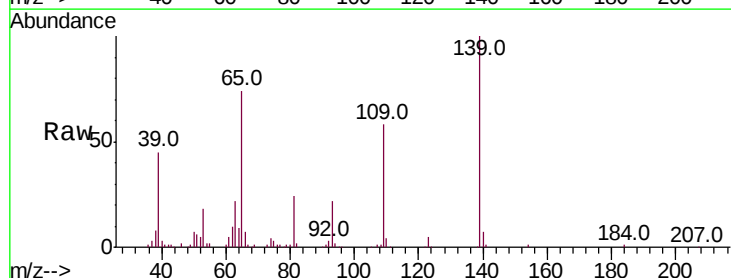


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

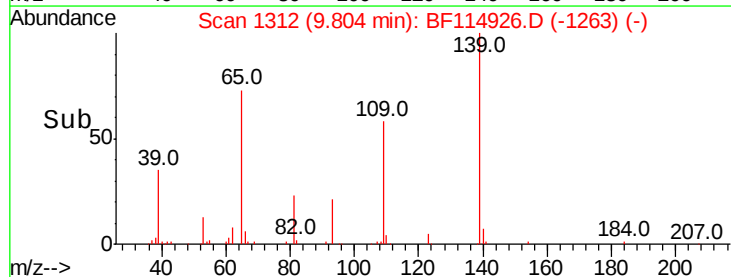
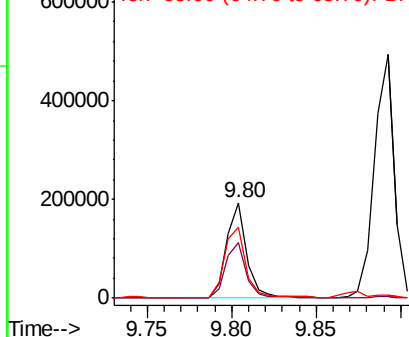


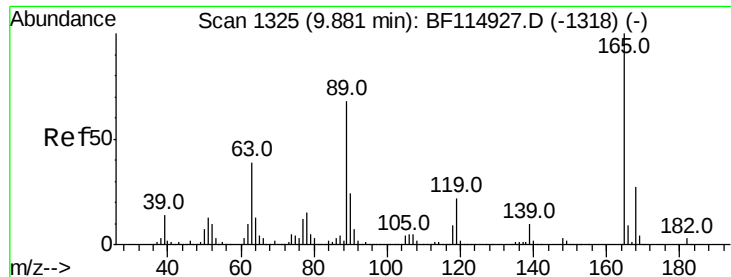
#56
4-Nitrophenol
Concen: 19.663 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	57.7	40.0	80.0
65	74.4	55.0	95.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





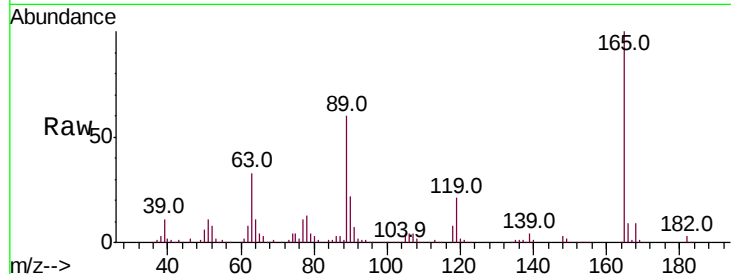
#57
2,4-Dinitrotoluene
Concen: 21.682 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
165	100	266500		
63	32.7		31.8	47.6
89	59.9		54.2	81.2
182	2.9		2.1	3.1

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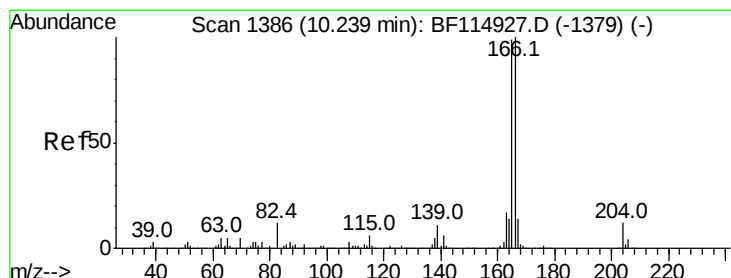
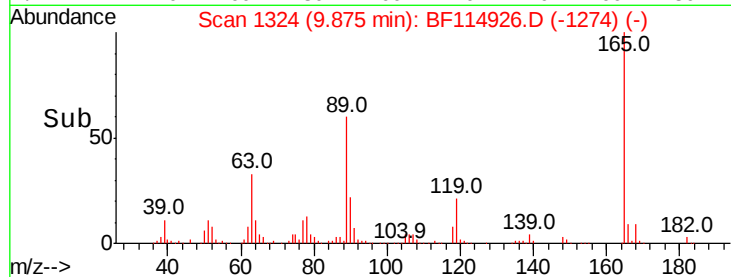
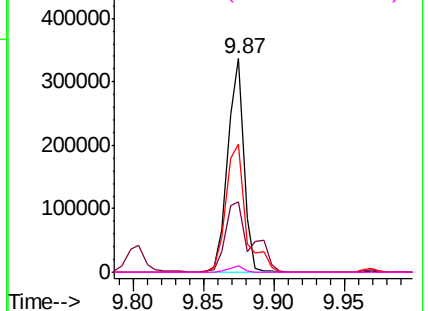
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

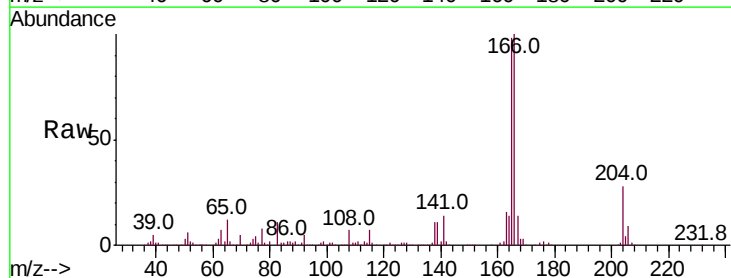
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 23.558 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	800184		
165	98.4		79.2	118.8
167	13.7		11.0	16.6

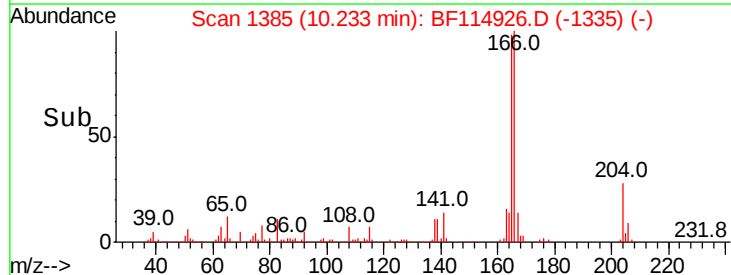
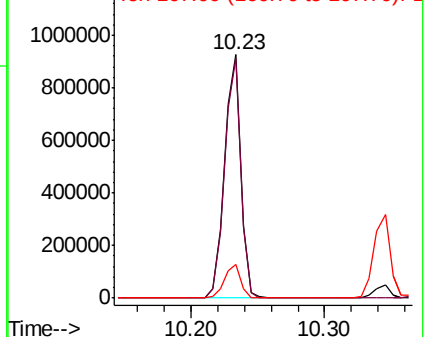


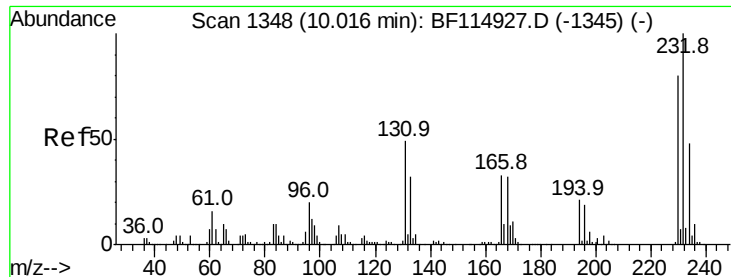
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





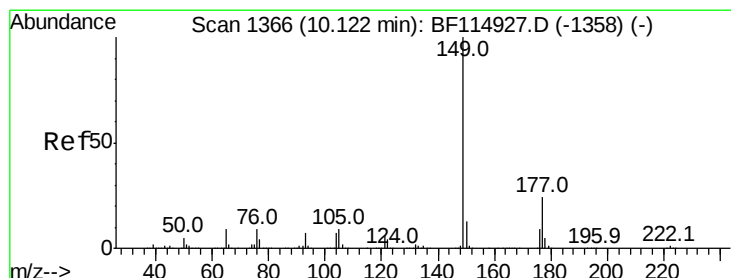
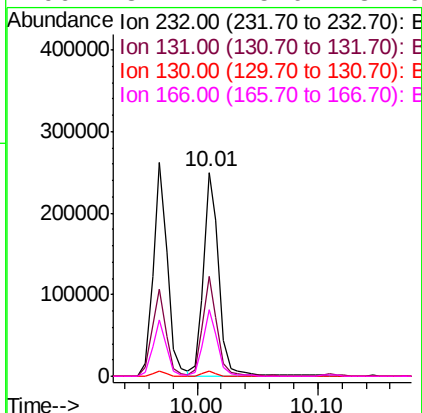
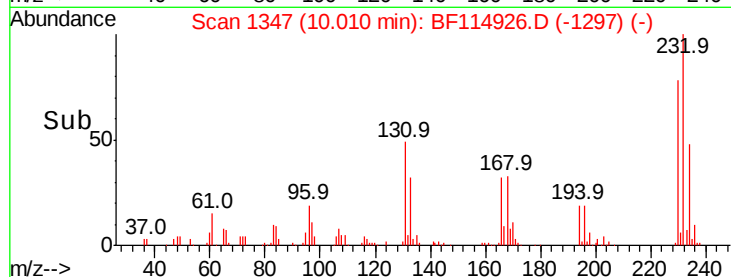
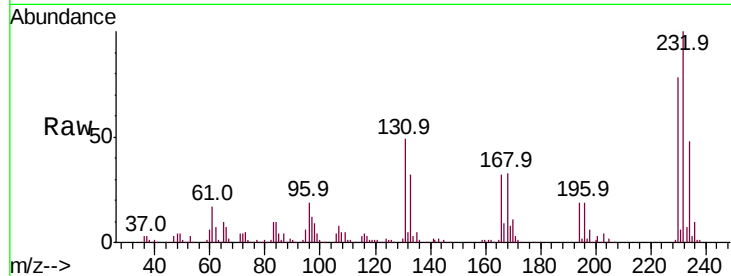
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.849 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
232	100	219441		
131	45.5		37.0	55.4
130	2.2		1.8	2.6
166	31.2		25.0	37.6

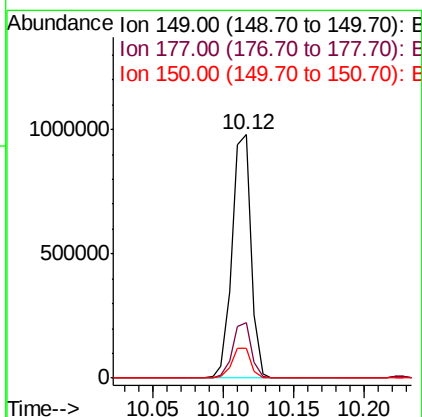
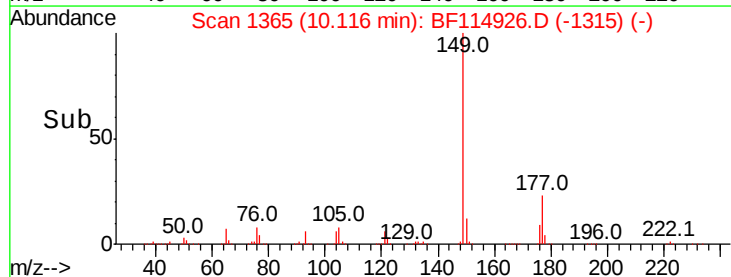
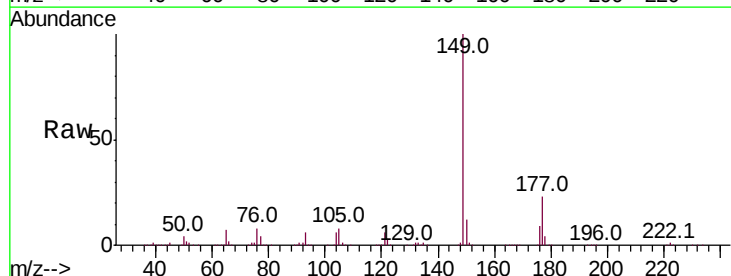
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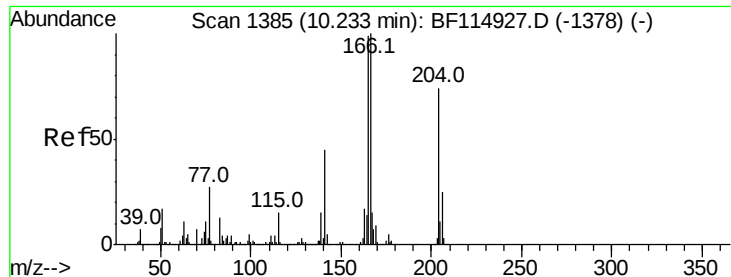
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#60
Diethylphthalate
Concen: 21.967 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	916444		
177	23.0		19.1	28.7
150	12.2		10.6	16.0





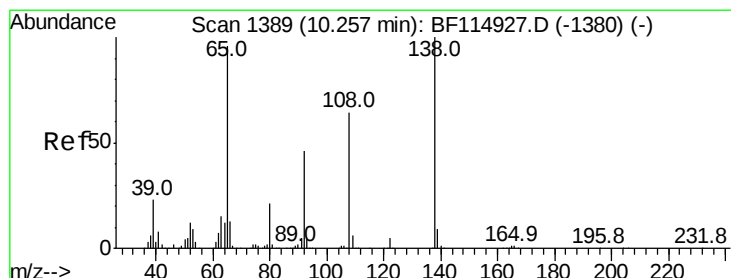
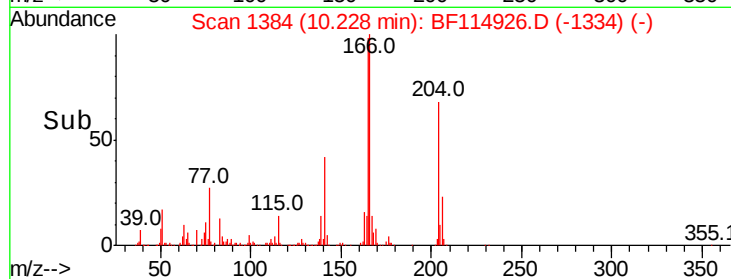
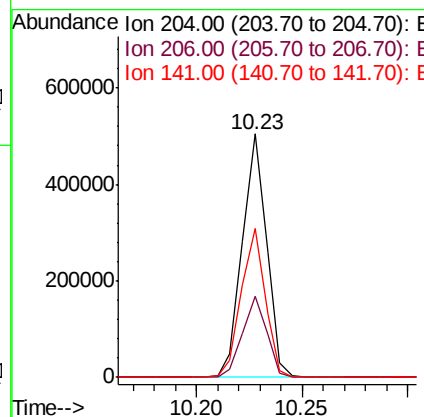
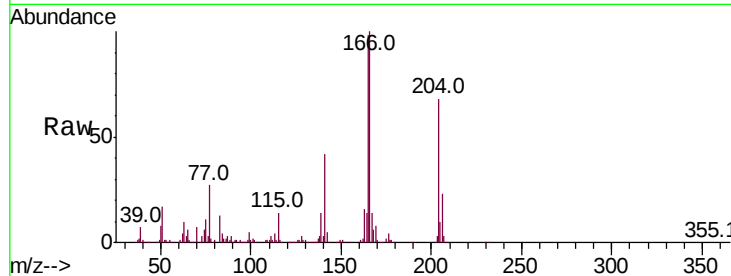
#61
4-Chlorophenyl-phenylether
Concen: 22.051 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.0	26.8	40.2	
141	61.0	48.5	72.7	

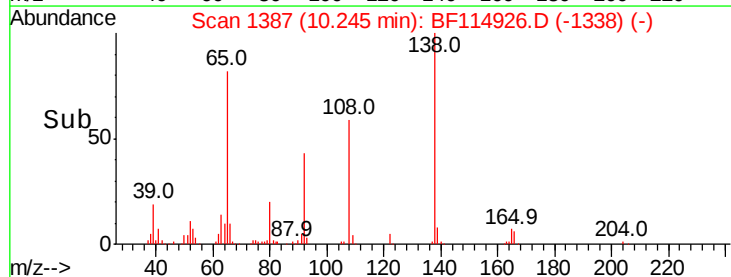
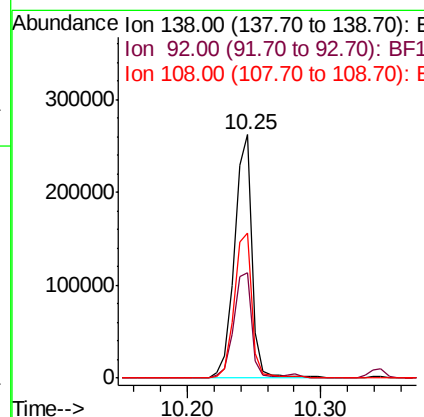
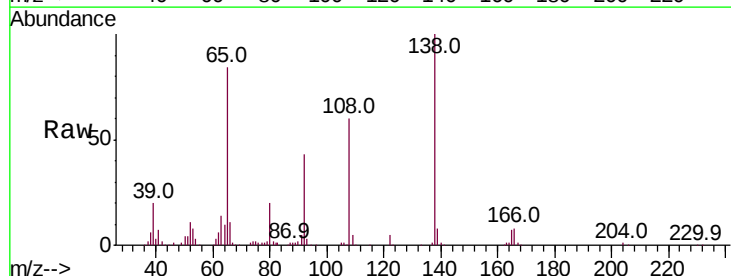
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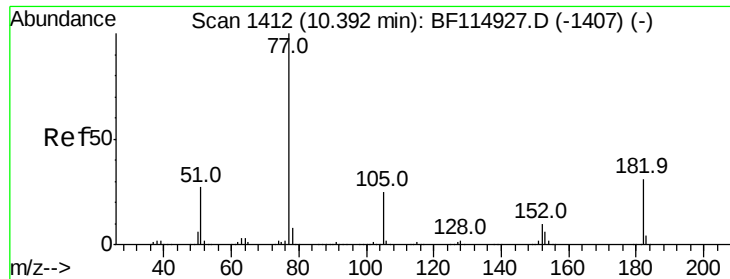
mohammad
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#62
4-Nitroaniline
Concen: 22.181 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	43.0	26.0	66.0	
108	59.6	44.0	84.0	





#63

Azobenzene

Concen: 22.607 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion: 77 Resp: 802831

Ion Ratio Lower Upper

77 100

182 28.2 10.8 50.8

105 23.8 5.3 45.3

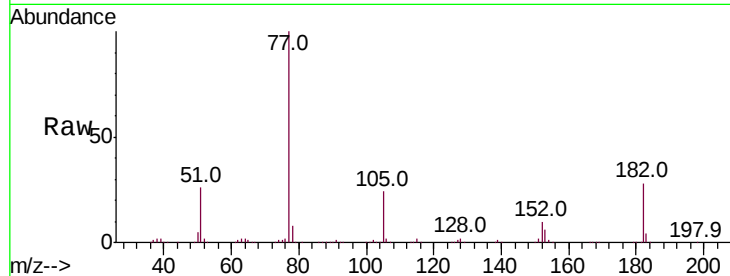
51 25.7 6.8 46.8

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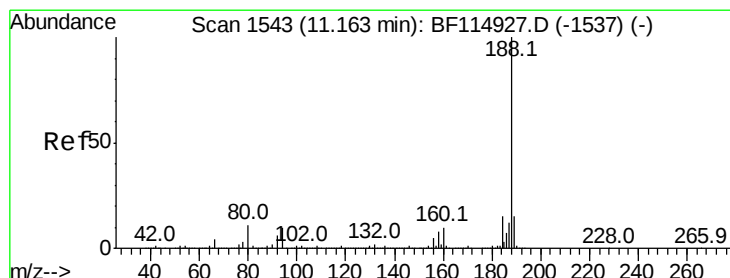
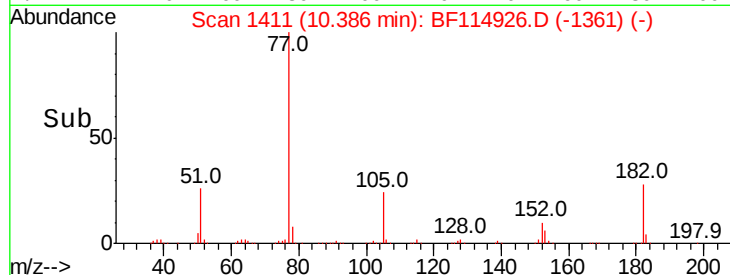
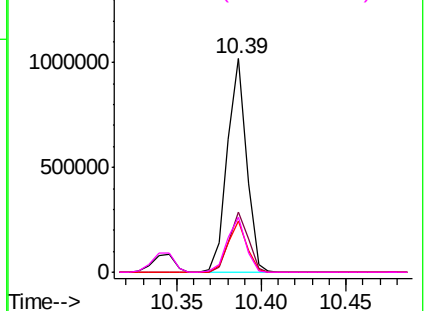


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

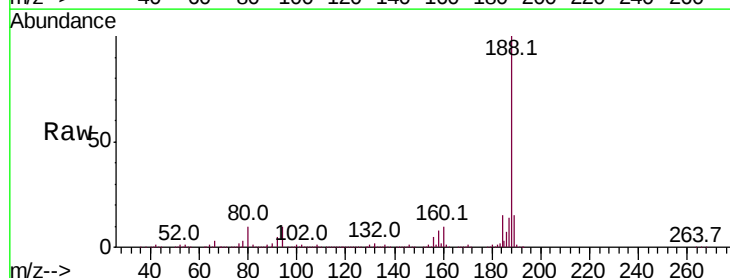
Tgt Ion: 188 Resp: 1126760

Ion Ratio Lower Upper

188 100

94 9.6 8.1 12.1

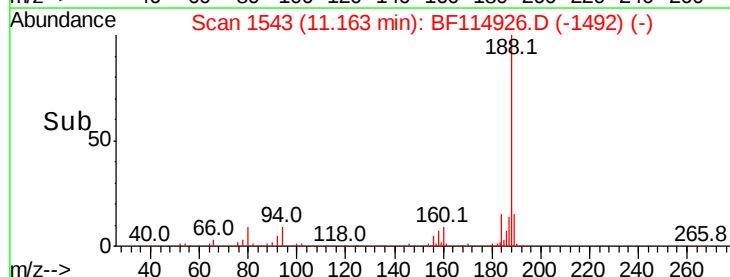
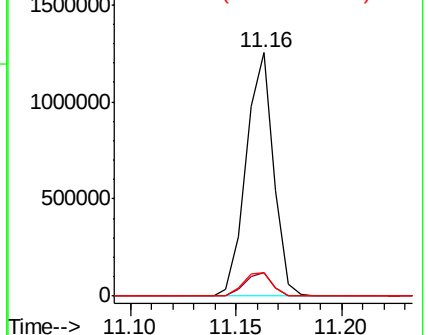
80 9.6 8.6 12.8

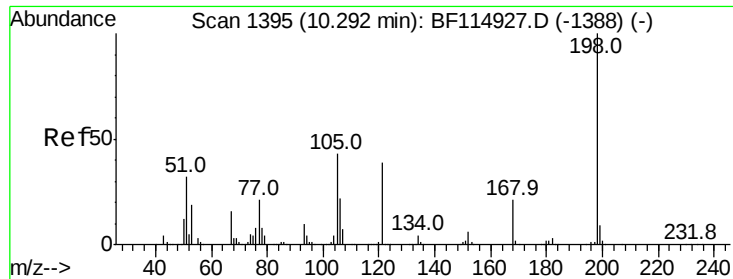


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 19.985 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion:198 Resp: 116975

Ion Ratio Lower Upper

198 100

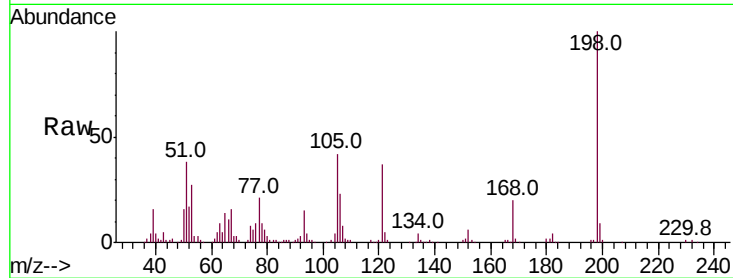
51 38.2 16.8 56.8

105 41.9 23.5 63.5

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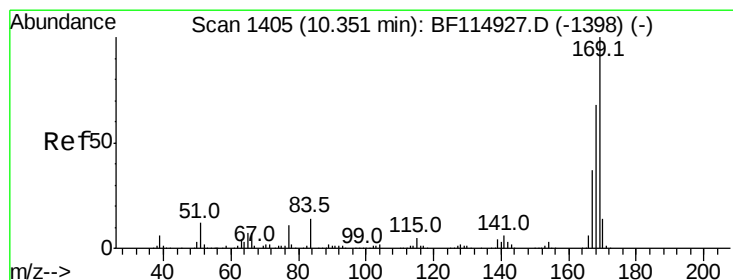
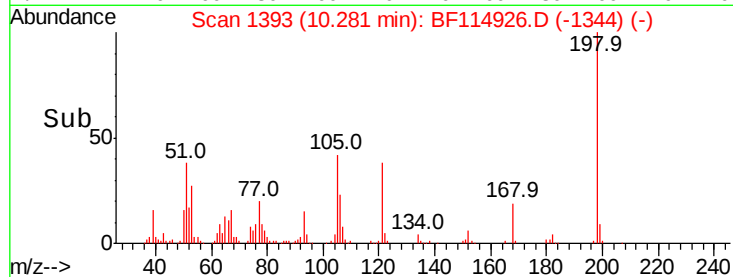
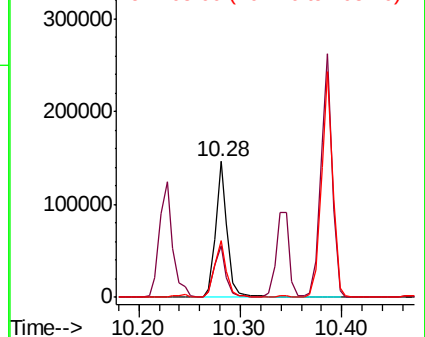
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 21.562 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

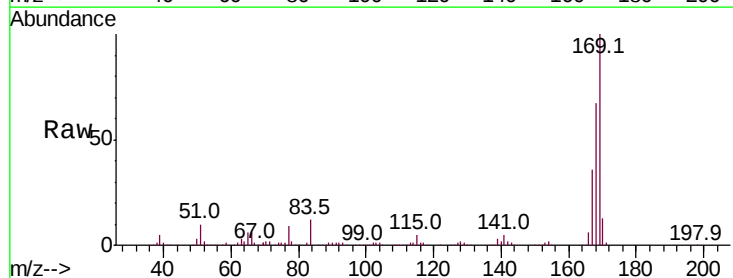
Tgt Ion:169 Resp: 734643

Ion Ratio Lower Upper

169 100

168 66.8 54.2 81.2

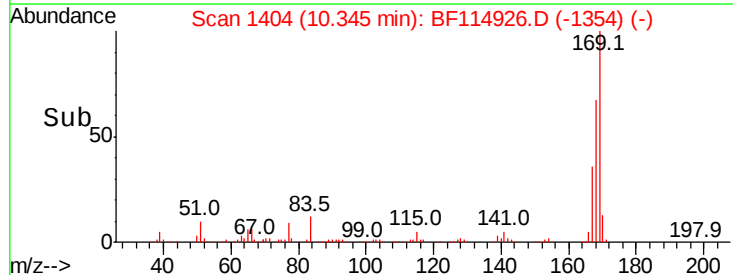
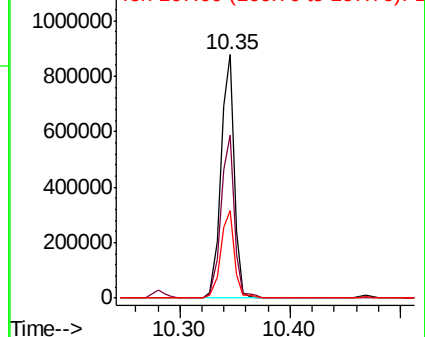
167 36.1 29.4 44.2

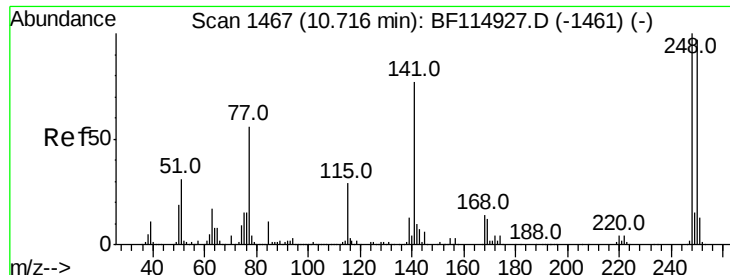


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





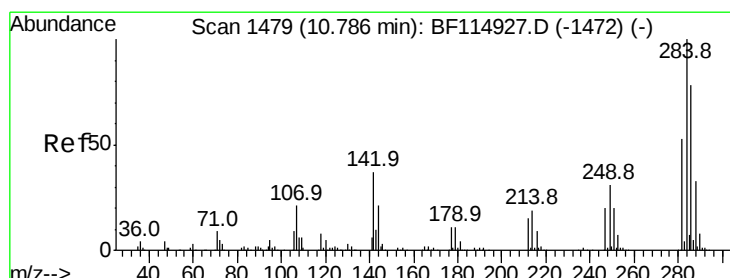
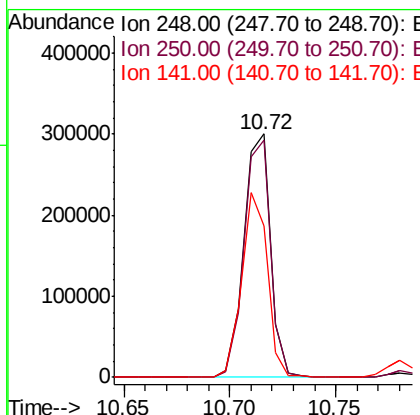
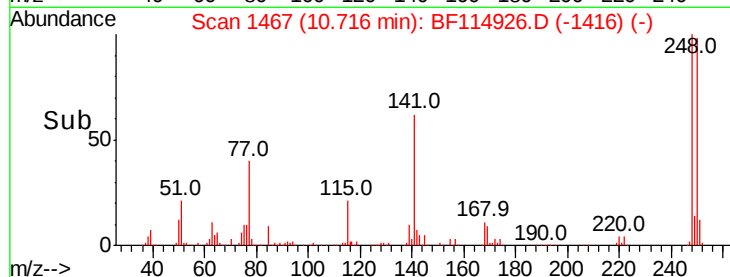
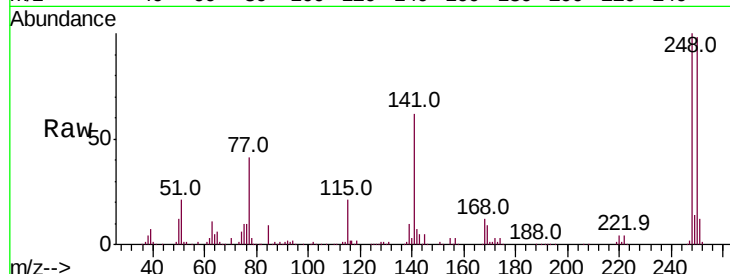
#67
4-Bromophenyl-phenylether
Concen: 20.594 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.4	116.0
141	62.2	61.8	92.6

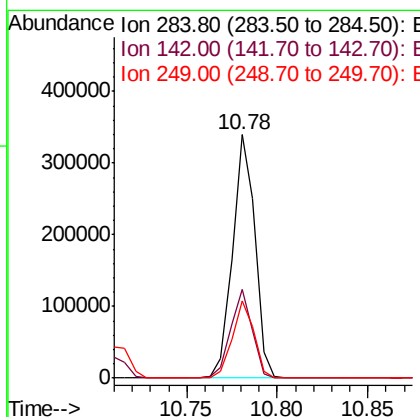
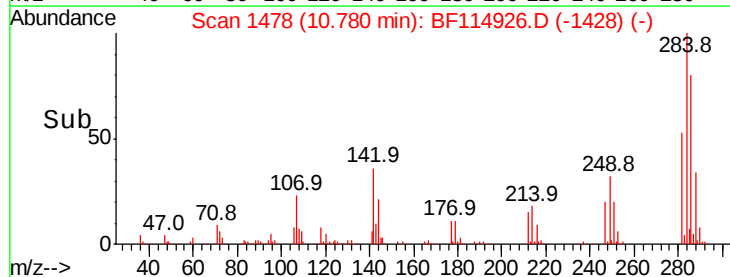
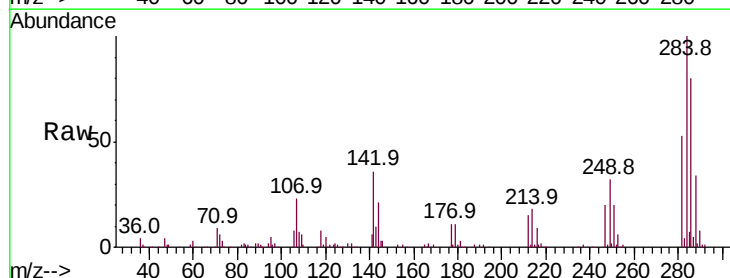
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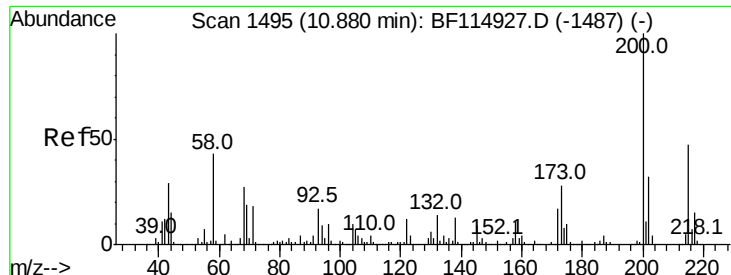
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#68
Hexachlorobenzene
Concen: 20.796 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	29.3	43.9
249	31.5	25.1	37.7





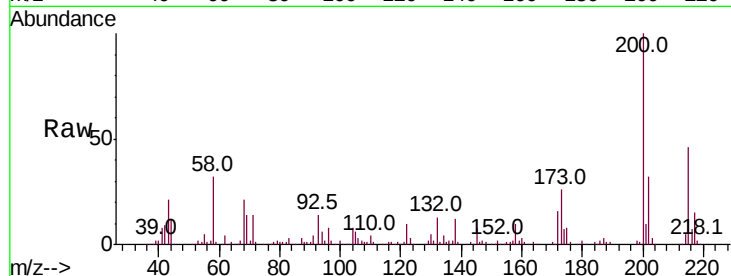
#69
Atrazine
Concen: 20.942 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

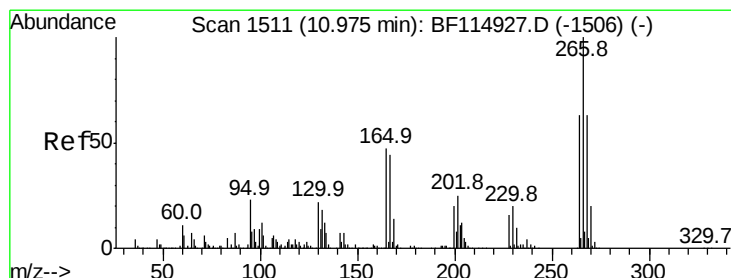
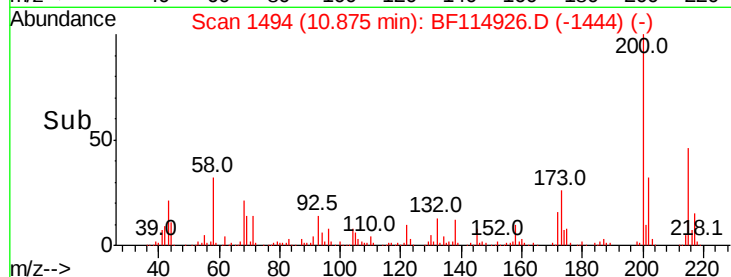
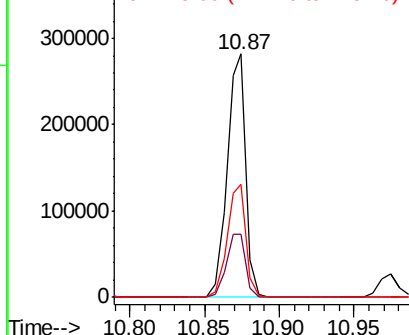
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.8	8.3	48.3
215	46.4	26.6	66.6

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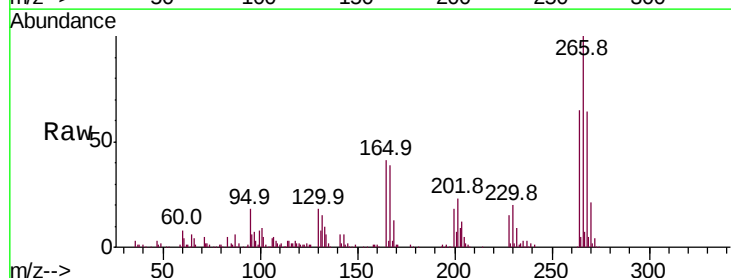


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

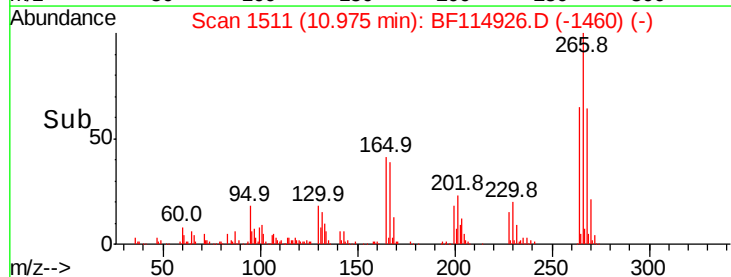
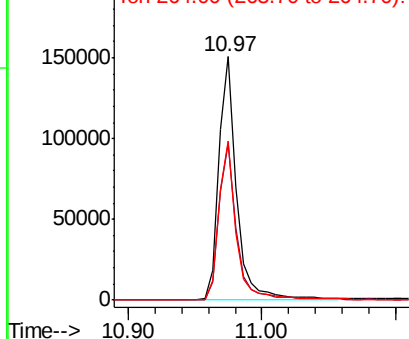


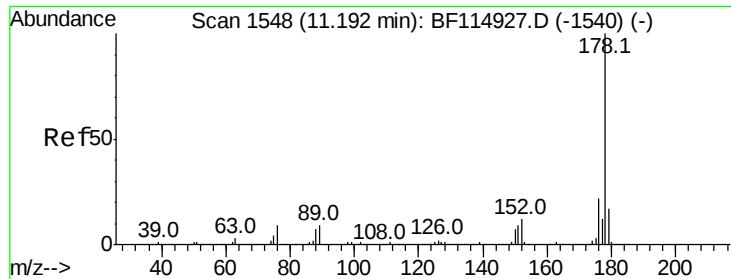
#70
Pentachlorophenol
Concen: 17.812 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.2	50.8	76.2
264	65.4	50.4	75.6



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





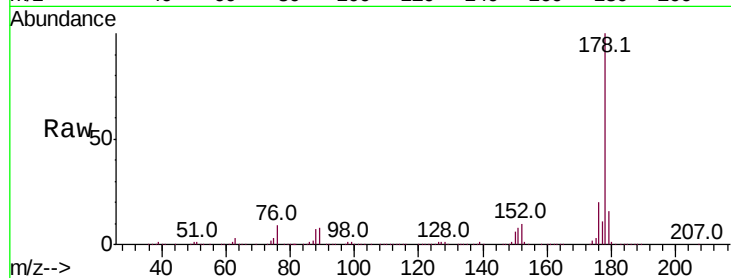
#71
Phenanthrene
Concen: 23.407 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

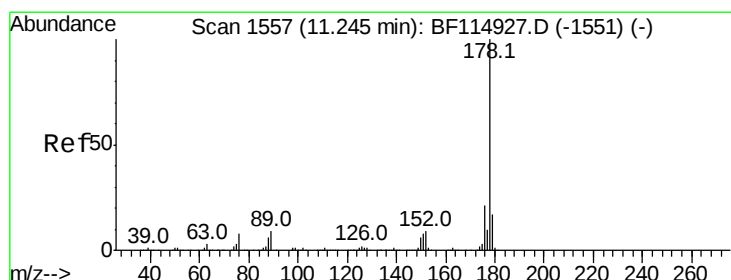
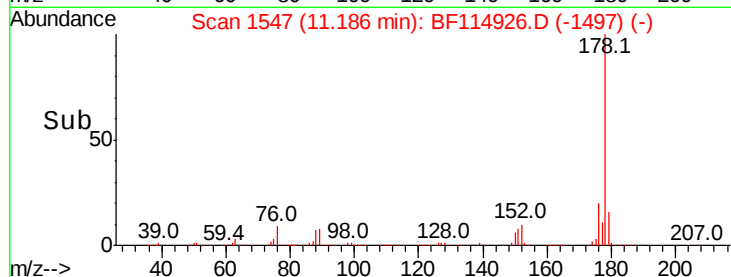
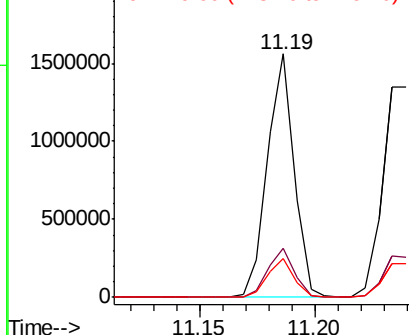
Tot Ion:178 Resp: 1259056
Ion Ratio Lower Upper
178 100
176 20.1 17.4 26.2
179 15.9 13.6 20.4

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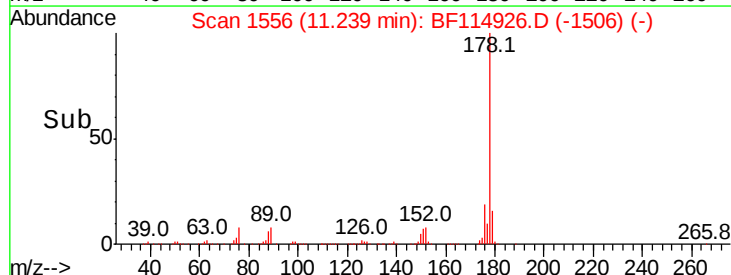
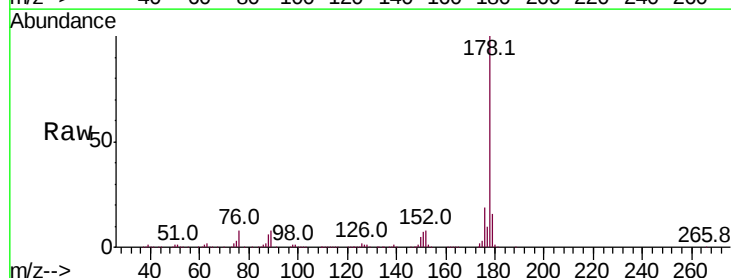
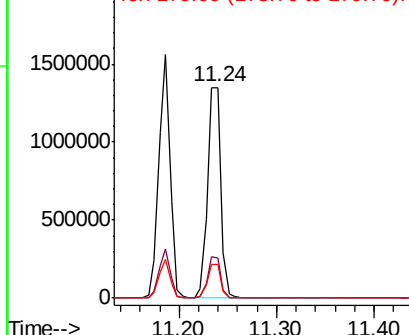
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

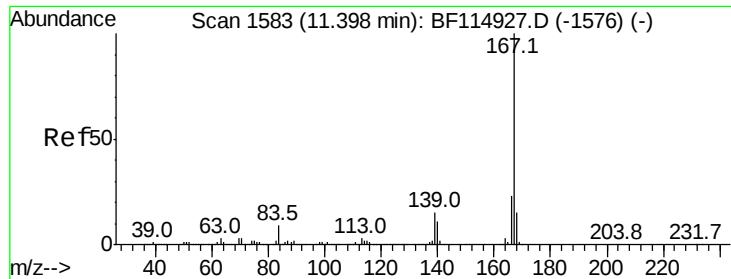


#72
Anthracene
Concen: 22.652 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion:178 Resp: 1282322
Ion Ratio Lower Upper
178 100
176 19.3 16.6 25.0
179 15.9 13.4 20.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





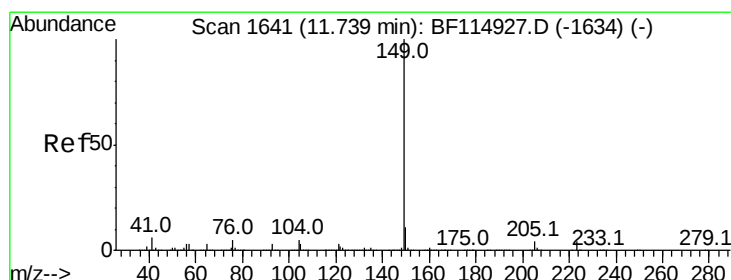
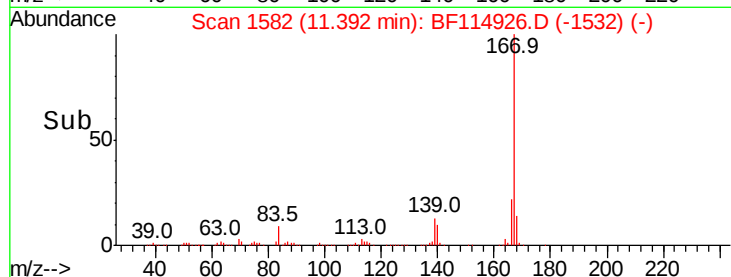
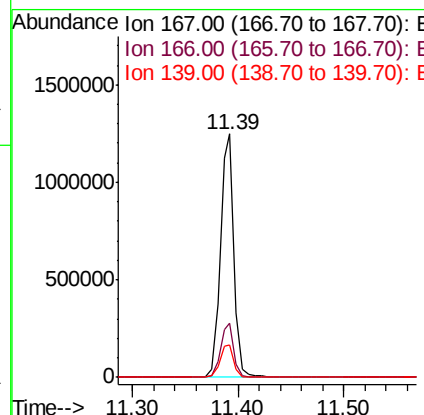
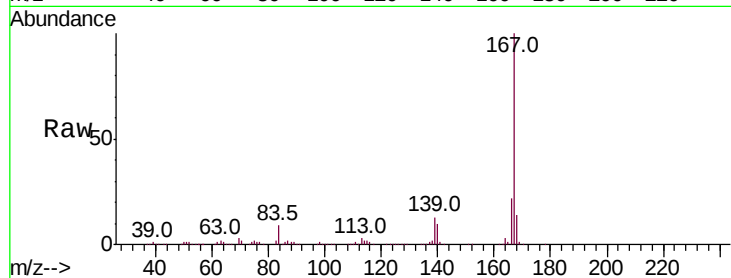
#73
 Carbazole
 Concen: 23.466 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.8	28.2
139	13.3	11.6	17.4

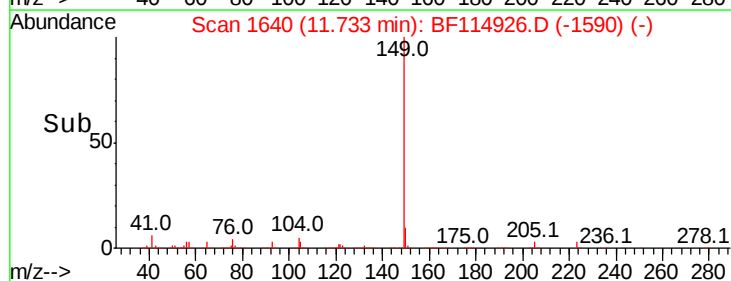
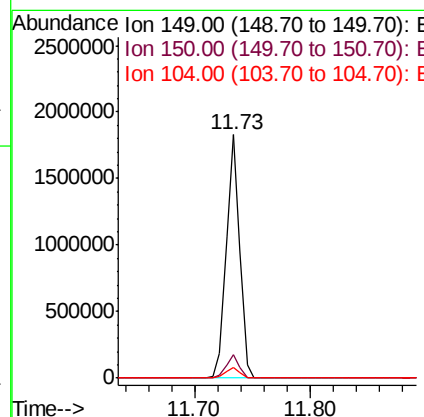
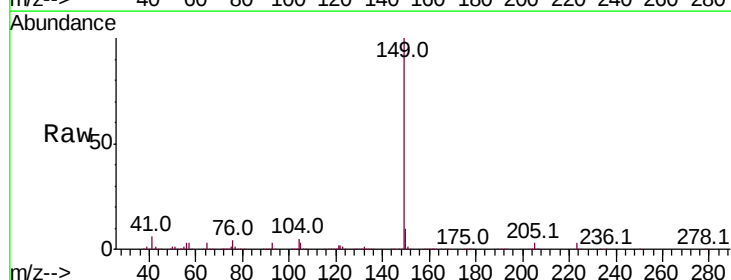
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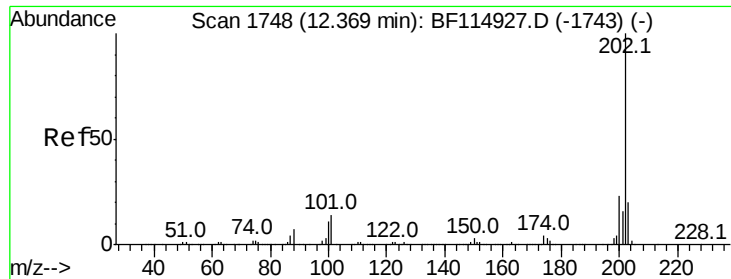
mohammad
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#74
 Di-n-butylphthalate
 Concen: 23.002 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.5	12.7
104	4.6	4.1	6.1





#75

Fluoranthene

Concen: 23.301 ng

RT: 12.37 min Scan# 1748

Delta R.T. 0.00 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

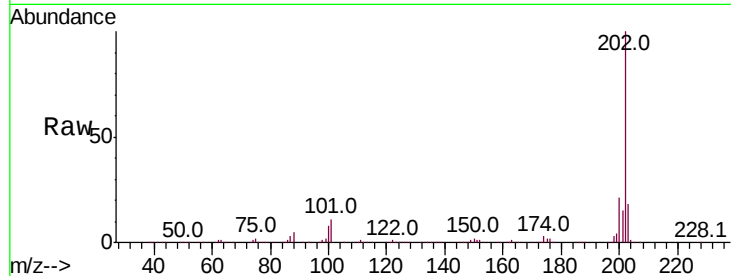
ClientSampleId :

SSTDIC020

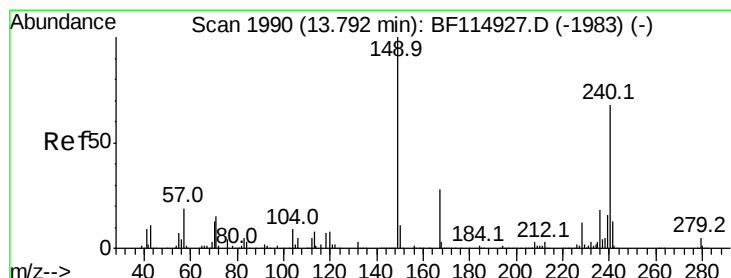
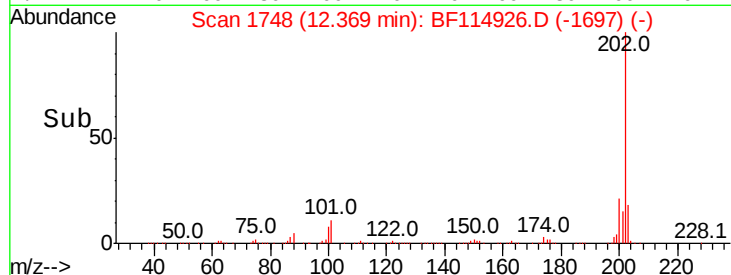
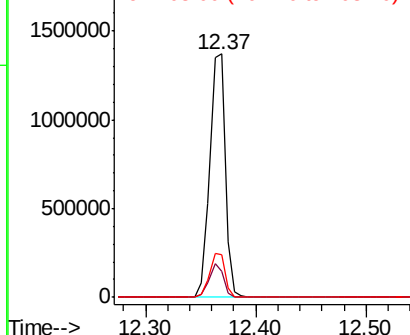
Tot Ion:	202	Resp:	1304532
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	34.3
203	17.5	0.0	39.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

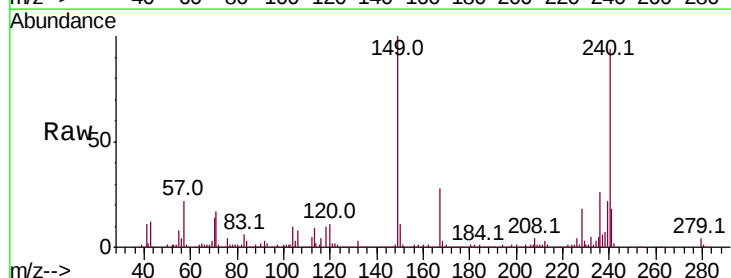
RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

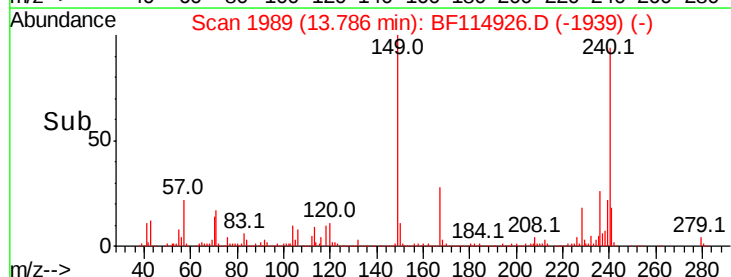
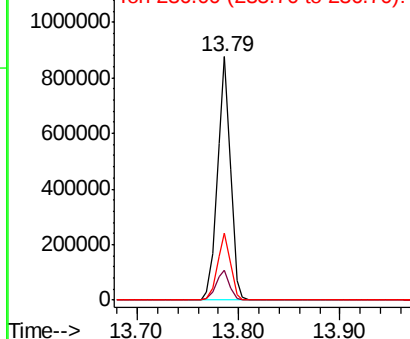
Lab File: BF114926.D

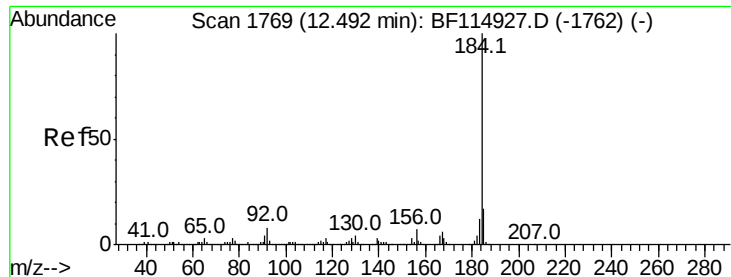
Acq: 10 Jun 2019 10:57

Tgt Ion:	240	Resp:	777773
Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.2	13.8
236	27.5	21.7	32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.922 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

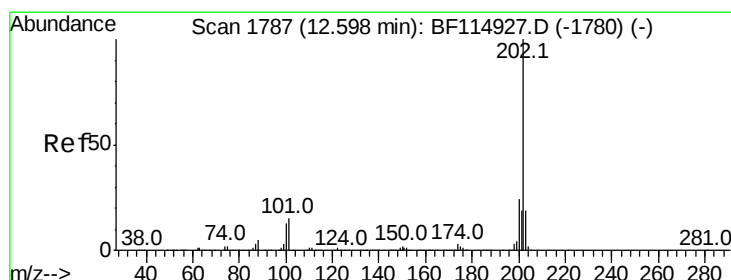
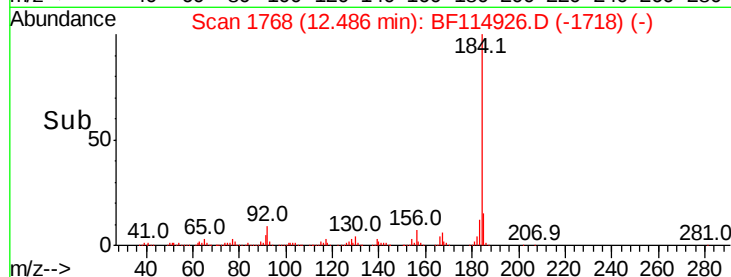
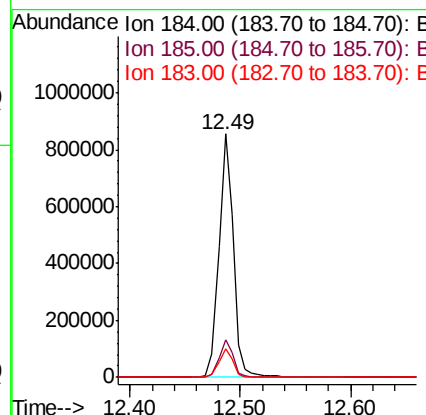
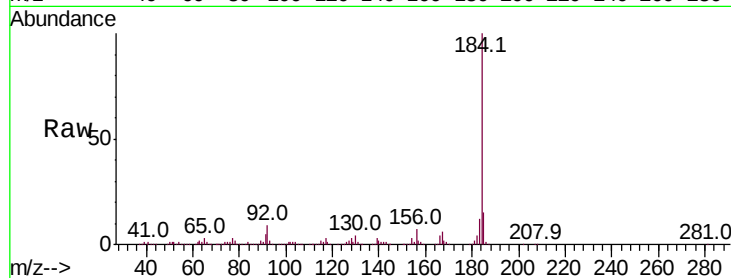
ClientSampleId :

SSTDIC020

Tot Ion:	184	Resp:	767057
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.4	20.0
183	11.6	9.8	14.6

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#78

Pyrene

Concen: 19.689 ng

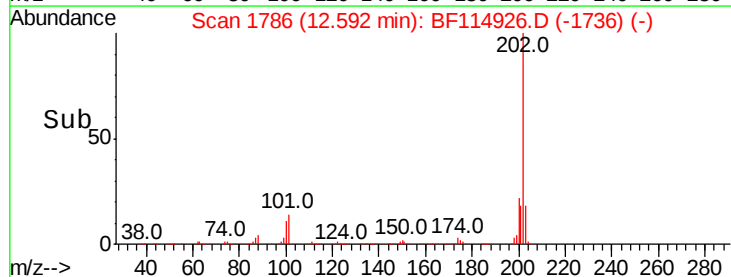
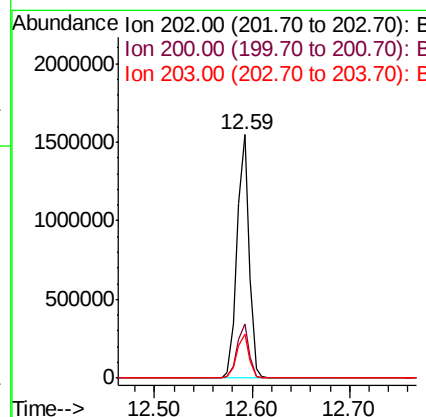
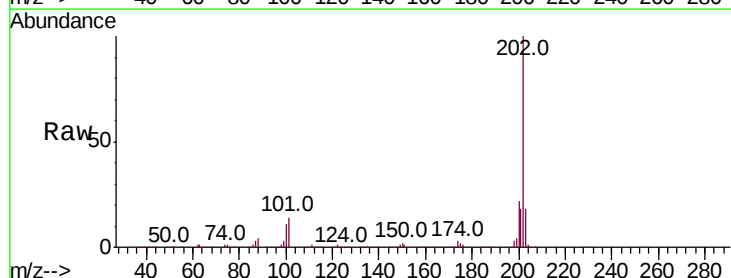
RT: 12.59 min Scan# 1786

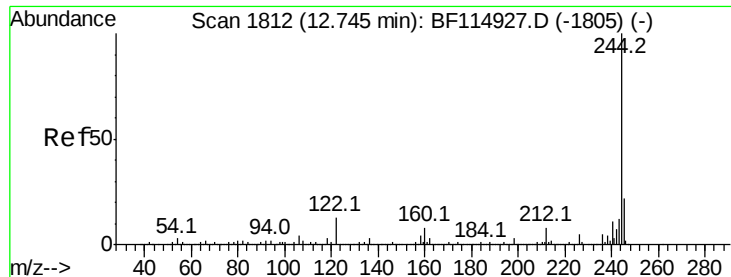
Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Tgt Ion:	202	Resp:	1328475
Ion Ratio	Lower	Upper	
202	100		
200	22.0	18.9	28.3
203	18.0	15.2	22.8





#79

Terphenyl-d14

Concen: 41.687 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tot Ion:244 Resp: 1667212

Ion Ratio Lower Upper

244 100

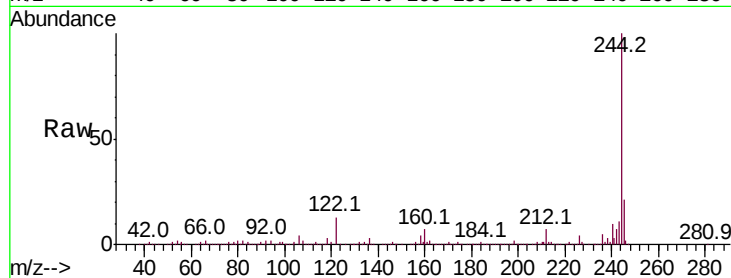
212 7.0 6.2 9.2

122 13.0 10.2 15.4

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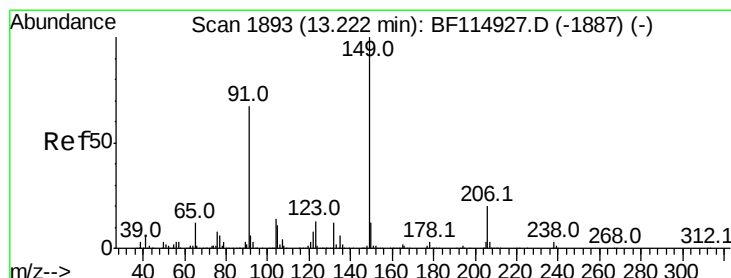
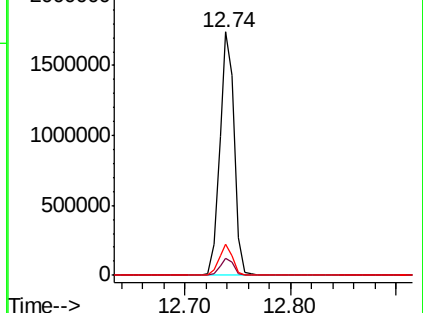
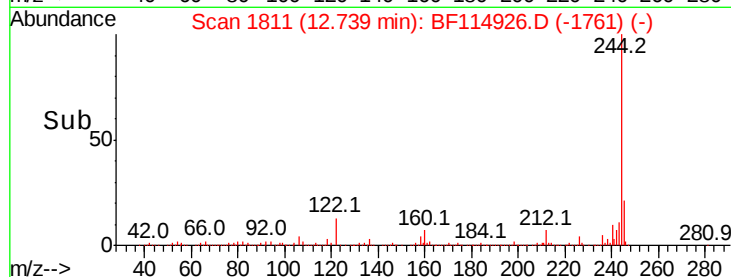
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 18.545 ng

RT: 13.22 min Scan# 1893

Delta R.T. 0.00 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

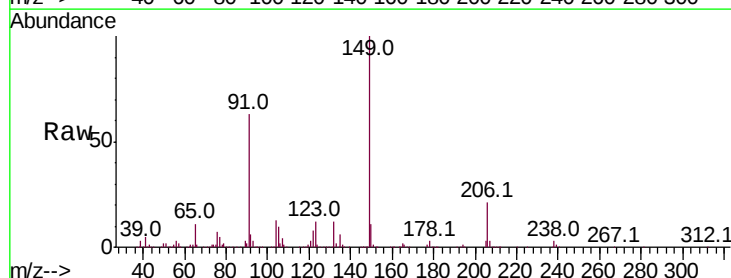
Tgt Ion:149 Resp: 631864

Ion Ratio Lower Upper

149 100

91 63.4 53.8 80.8

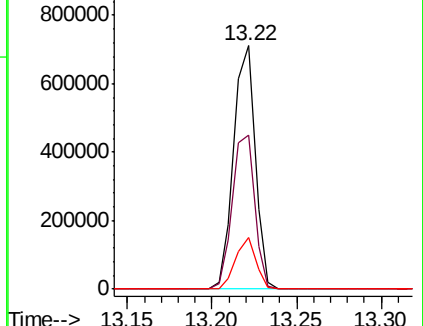
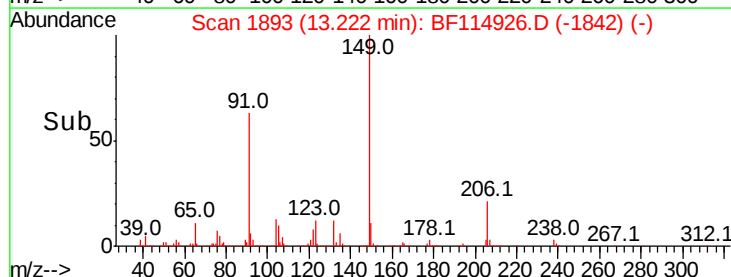
206 21.4 16.3 24.5

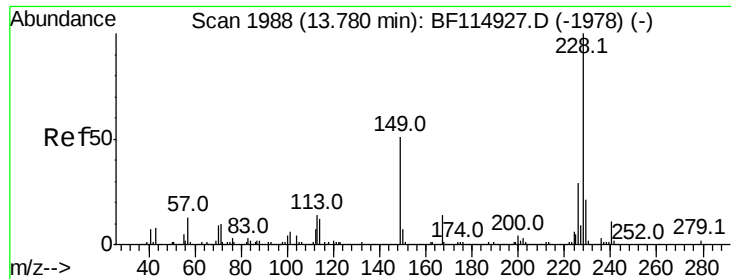


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





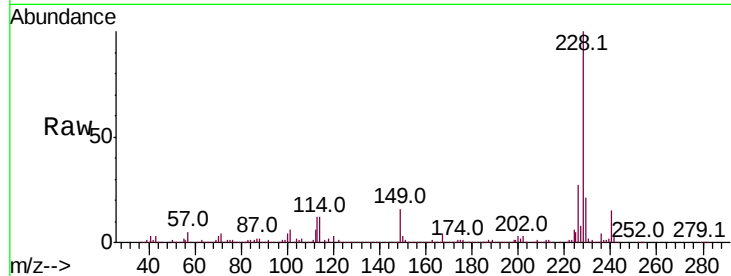
#81
Benzo(a)anthracene
Concen: 19.674 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.8	34.2
229	20.5	16.6	25.0

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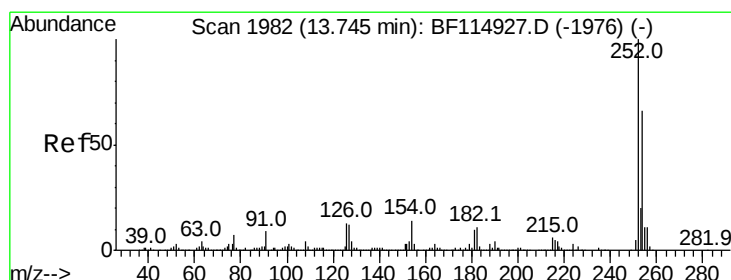
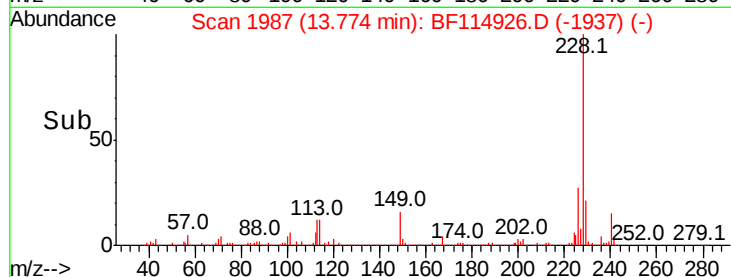
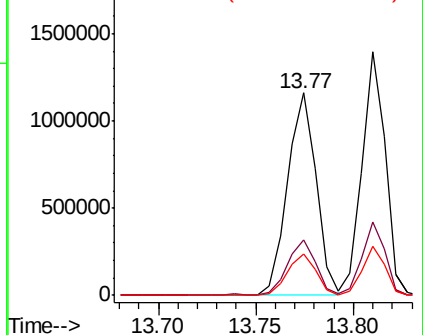


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 19.832 ng
RT: 13.74 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

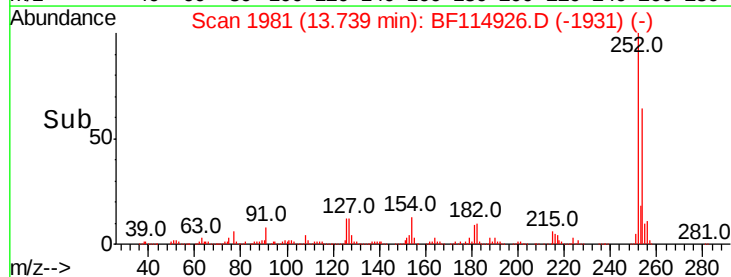
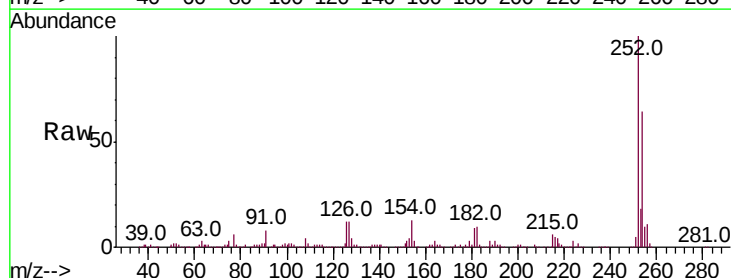
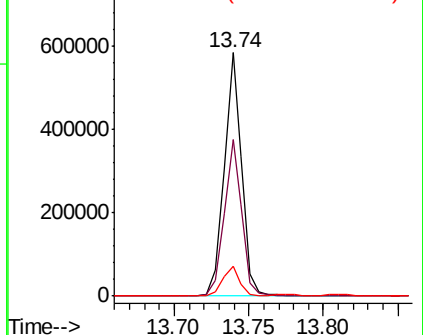
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.6	78.8
126	12.0	10.4	15.6

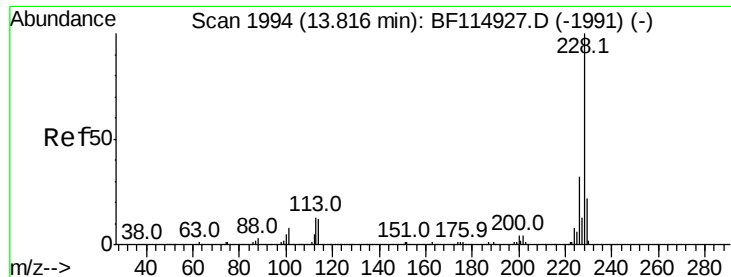
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83
 Chrvsene
 Concen: 19.846 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

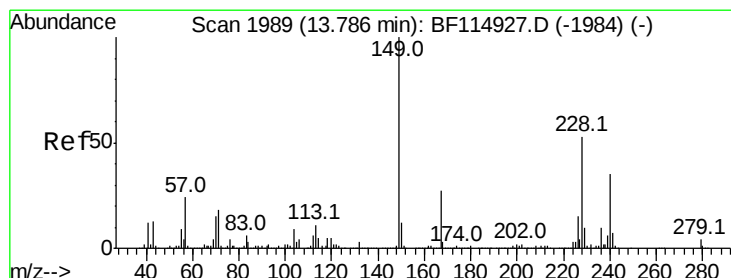
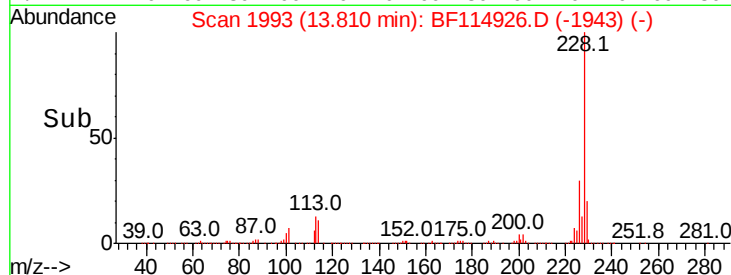
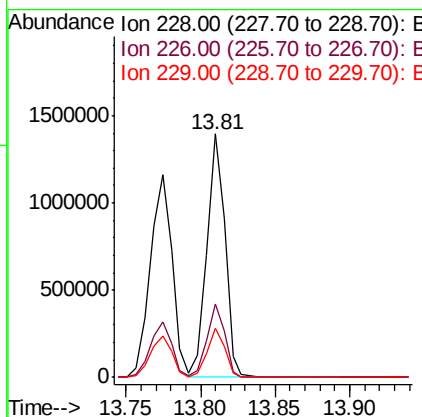
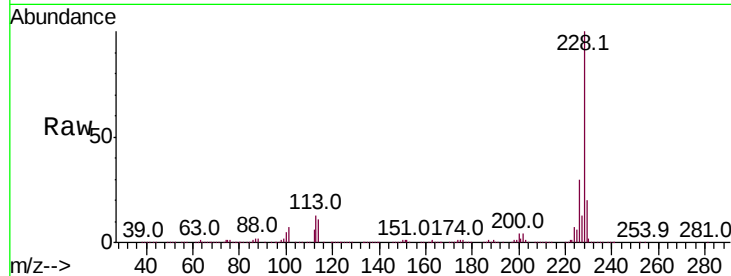
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion:228 Resp: 1157143

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.8	38.8
229	20.4	17.2	25.8

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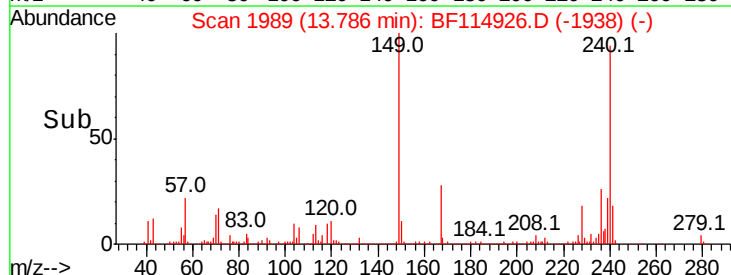
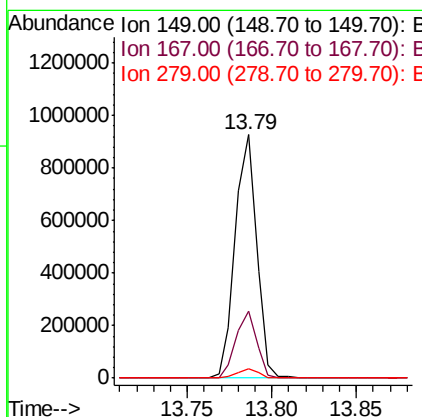
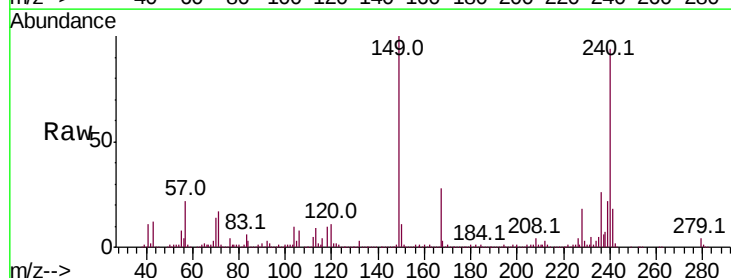
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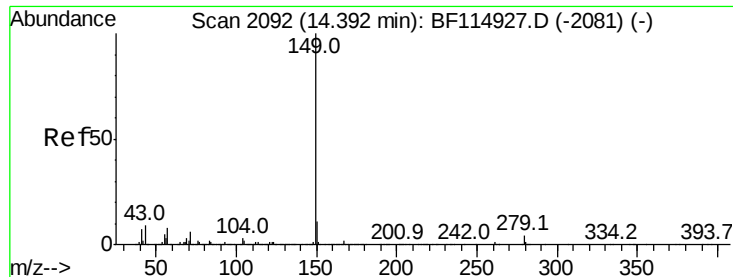


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 18.987 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BF114926.D
 Acq: 10 Jun 2019 10:57

Tgt Ion:149 Resp: 818044

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.9	32.9
279	3.8	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 19.975 ng

RT: 14.39 min Scan# 2092

Delta R.T. 0.00 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Instrument :

BNA_F

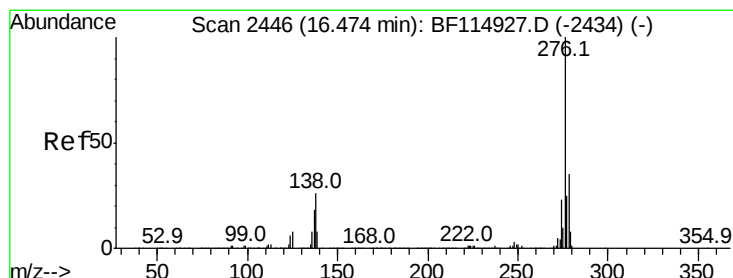
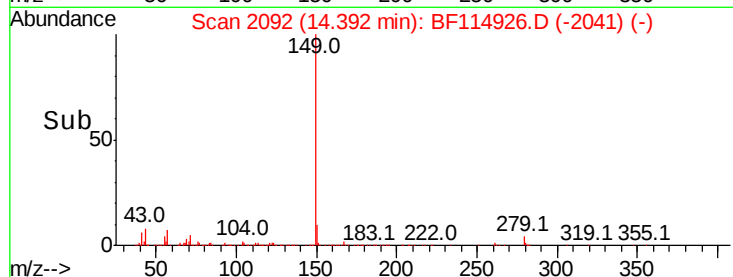
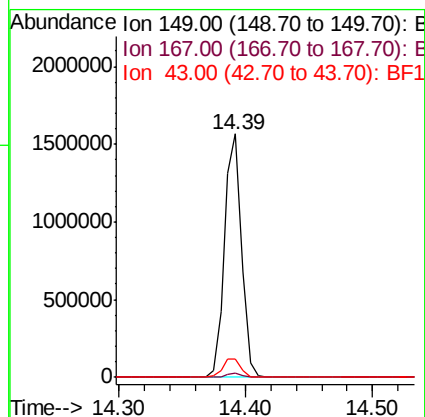
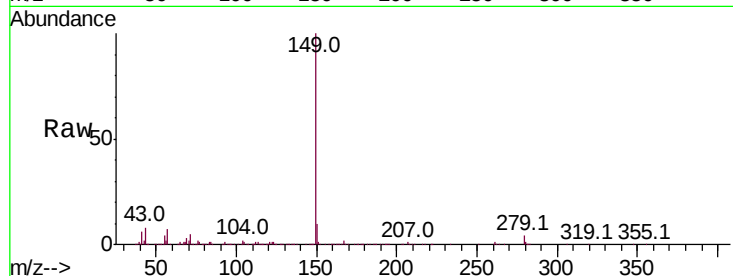
ClientSampleId :

SSTDICC020

Tot Ion:	149	Resp:	1462297
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.0	6.8	10.2

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#86

Indeno(1,2,3-cd)pyrene

Concen: 15.167 ng

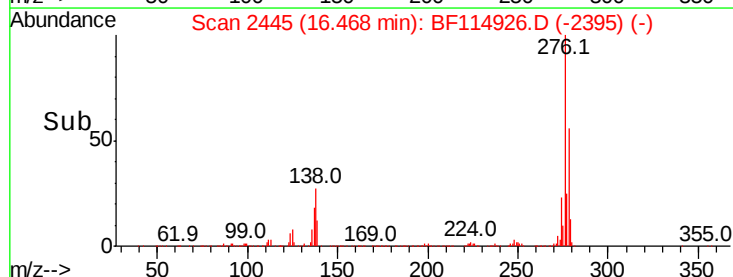
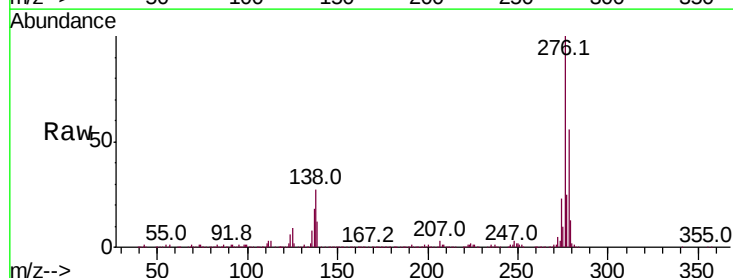
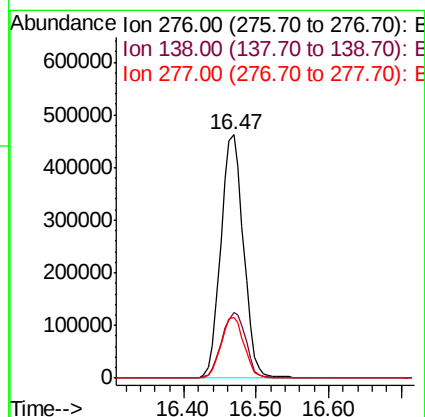
RT: 16.47 min Scan# 2445

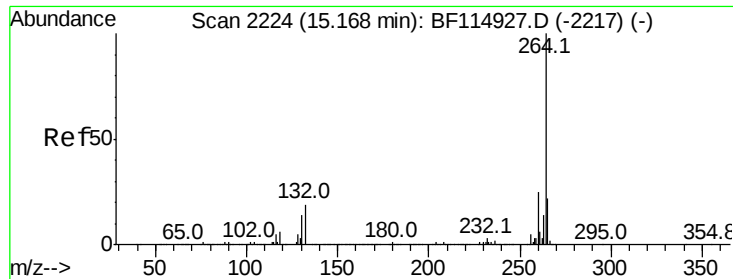
Delta R.T. -0.01 min

Lab File: BF114926.D

Acq: 10 Jun 2019 10:57

Tgt Ion:	276	Resp:	1008974
Ion	Ratio	Lower	Upper
276	100		
138	28.9	23.3	34.9
277	25.5	20.5	30.7





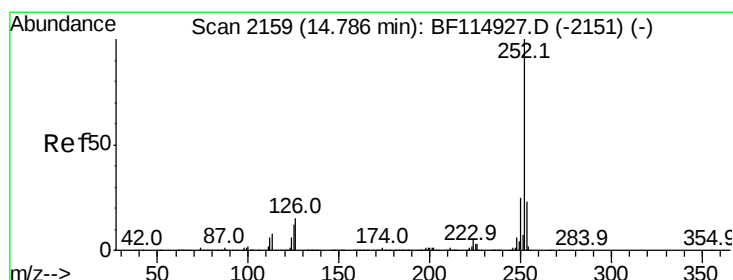
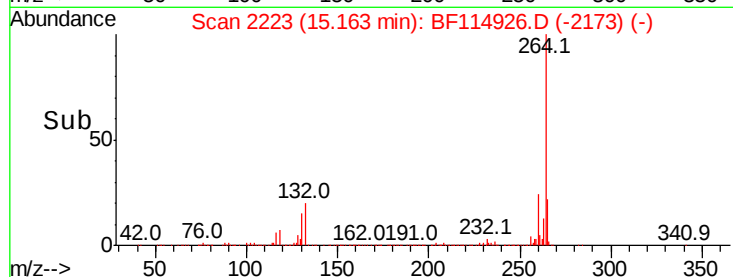
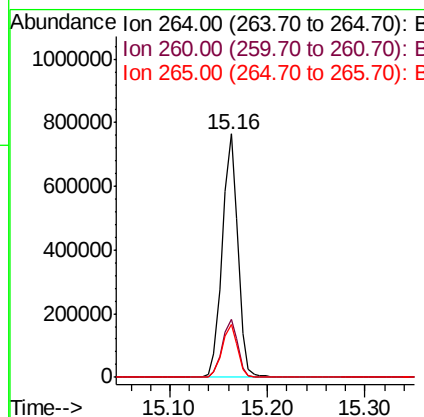
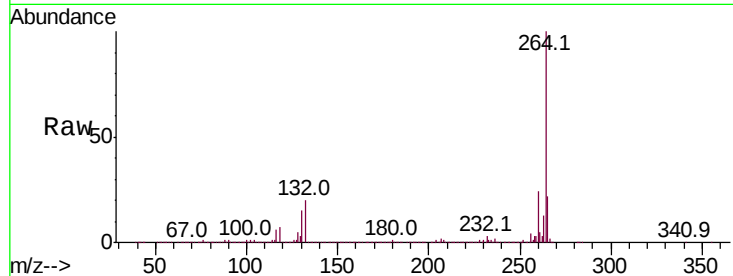
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	21.6	17.5	26.3

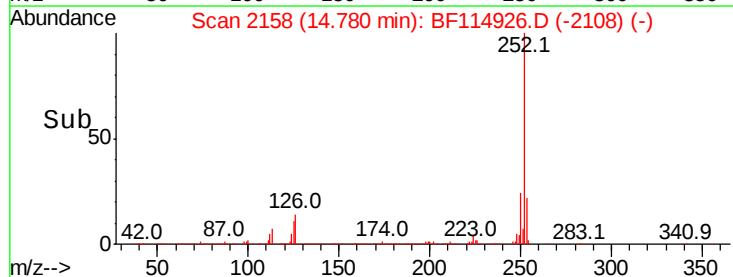
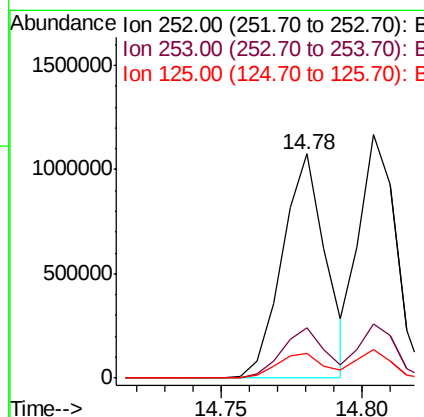
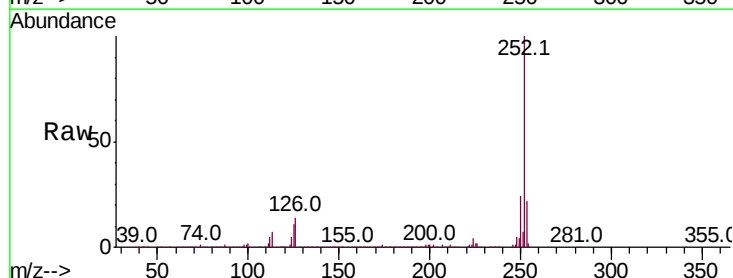
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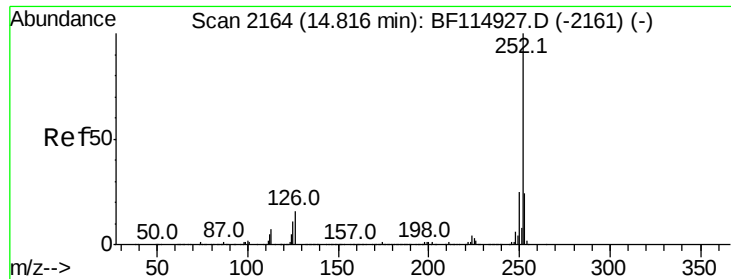
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#88
Benzo(b)fluoranthene
Concen: 21.232 ng
RT: 14.78 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	28.0
125	10.9	9.5	14.3





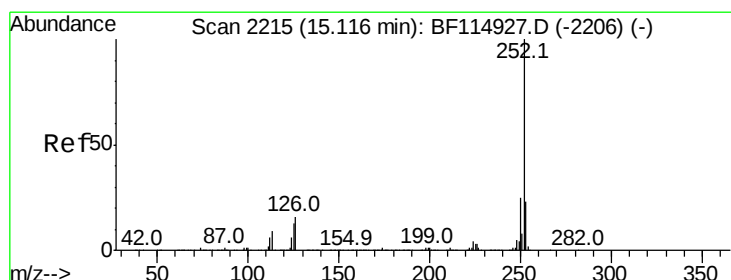
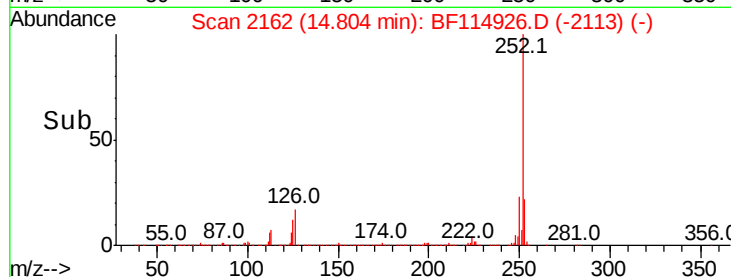
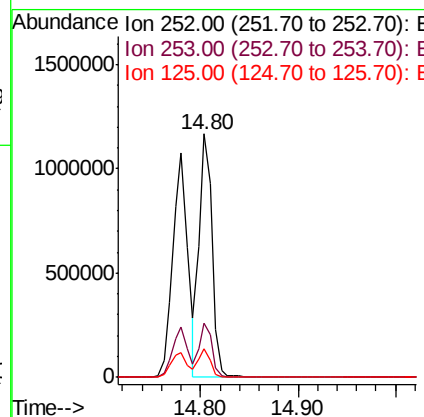
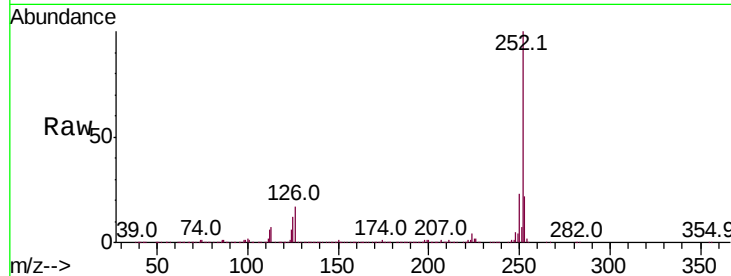
#89
Benzo(k)fluoranthene
Concen: 23.259 ng
RT: 14.80 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	28.0
125	12.0	9.2	13.8

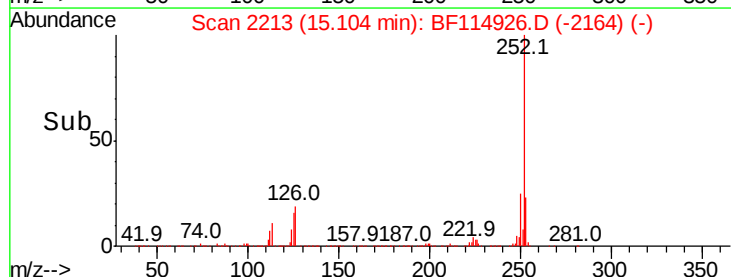
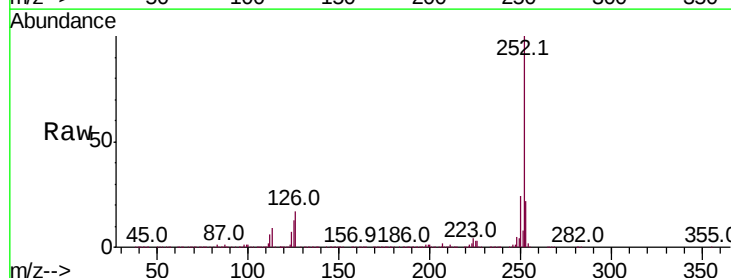
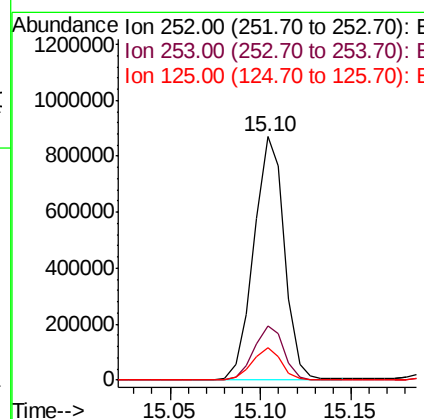
Manual Integrations
APPROVED

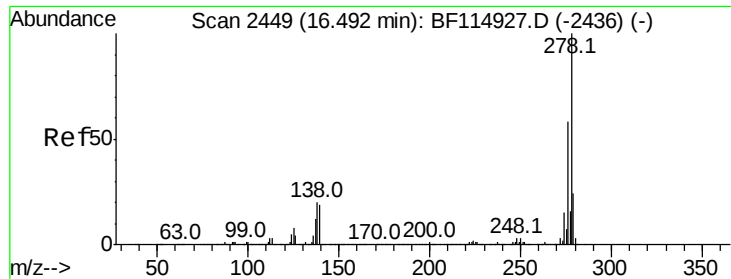
mohammad
6/12/2019 9:13:12 AM



#90
Benzo(a)pyrene
Concen: 21.741 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	13.2	10.1	15.1





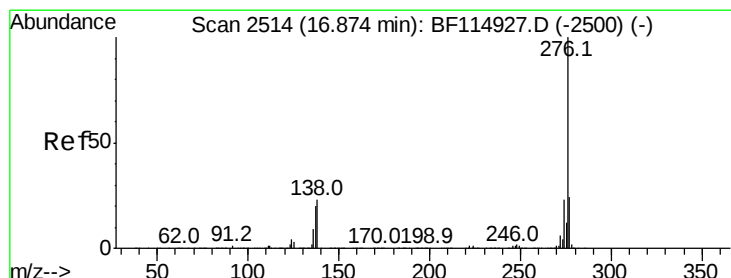
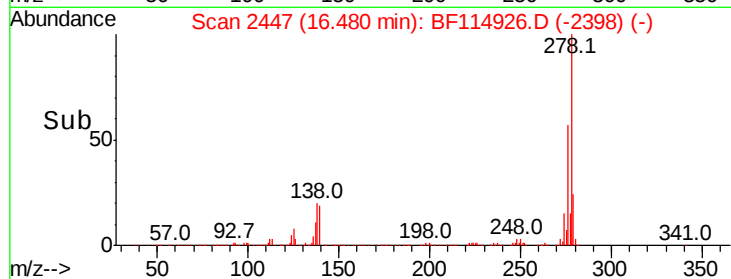
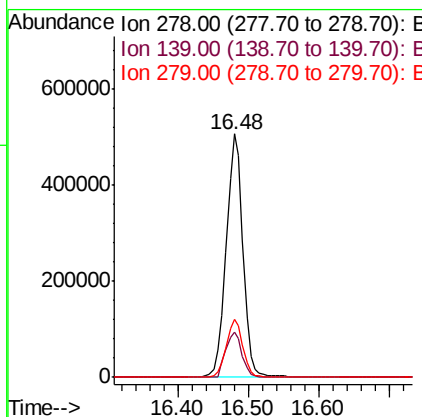
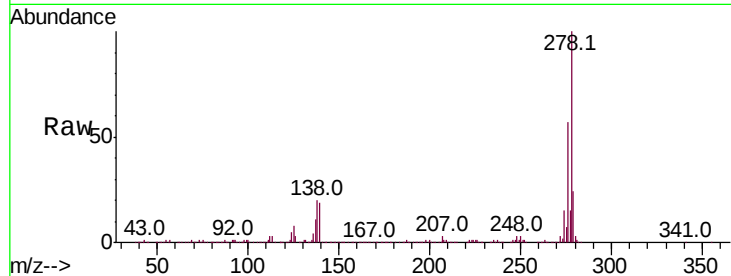
#91
Dibenzo(a,h)anthracene
Concen: 18.875 ng
RT: 16.48 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.1	22.7
279	23.8	19.6	29.4

Manual Integrations
APPROVED

mohammad
6/12/2019 9:13:12 AM



#92
Benzo(g,h,i)perylene
Concen: 17.751 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.02 min
Lab File: BF114926.D
Acq: 10 Jun 2019 10:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.6
138	24.7	18.7	28.1

