

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114326.D
 Acq On : 16 May 2019 23:45
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 5/17/2019 3:03:47 PM

Quant Time: May 17 08:49:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	176304	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	696808	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	311684	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	554708	20.00	ng	0.00
76) Chrysene-d12	14.02	240	376975	20.00	ng	0.00
87) Perylene-d12	15.49	264	462867	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	867626	79.19	ng	0.00
7) Phenol-d6	6.50	99	1074615	82.93	ng	0.00
23) Nitrobenzene-d5	7.42	82	1016838	81.89	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	222107	68.93	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1700775	82.54	ng	0.00
79) Terphenyl-d14	12.95	244	1438861	78.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	211552	35.131	ng	99
3) Pyridine	3.32	79	602460	36.312	ng	98
4) n-Nitrosodimethylamine	3.27	42	205074	25.632	ng	95
6) Aniline	6.52	93	731869	39.101	ng	# 84
8) 2-Chlorophenol	6.64	128	484154	41.396	ng	99
9) Benzaldehyde	6.40	77	344547	37.983	ng	98
10) Phenol	6.51	94	607177	39.834	ng	78
11) bis(2-Chloroethyl)ether	6.58	93	491698	42.490	ng	98
12) 1,3-Dichlorobenzene	6.79	146	540512	41.171	ng	99
13) 1,4-Dichlorobenzene	6.87	146	545024	41.198	ng	97
14) 1,2-Dichlorobenzene	7.02	146	507079	41.955	ng	99
15) Benzyl Alcohol	7.00	79	415046	41.069	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	914962	40.778	ng	68
17) 2-Methylphenol	7.12	107	383647	39.932	ng	# 91
18) Hexachloroethane	7.36	117	196140	39.498	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	337830	41.133	ng	98
20) 3+4-Methylphenols	7.27	107	493322	44.442	ng	# 63
22) Acetophenone	7.26	105	644522	41.753	ng	# 91
24) Nitrobenzene	7.43	77	519855	41.108	ng	96
25) Isophorone	7.67	82	908588	39.457	ng	98
26) 2-Nitrophenol	7.75	139	253221	41.272	ng	99
27) 2,4-Dimethylphenol	7.79	122	381902	39.632	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	614821	41.150	ng	98
29) 2,4-Dichlorophenol	8.00	162	388977	40.538	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	433901	39.766	ng	99
31) Naphthalene	8.16	128	1354386	41.611	ng	98
32) Benzoic acid	7.90	122	182450m	29.691	ng	
33) 4-Chloroaniline	8.20	127	619291	41.753	ng	99
34) Hexachlorobutadiene	8.27	225	250704	40.382	ng	98
35) Caprolactam	8.57	113	128777	41.158	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	402675	41.691	ng	99
37) 2-Methylnaphthalene	8.85	142	892397	42.494	ng	97
38) 1-Methylnaphthalene	8.95	142	832591	42.100	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	403605	42.748	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	21443	8.935	ng	94
43) 2,4,6-Trichlorophenol	9.13	196	265236	40.842	ng	100
44) 2,4,5-Trichlorophenol	9.18	196	259396	38.948	ng	99
46) 1,1'-Biphenyl	9.30	154	1080374	42.906	ng	98
47) 2-Chloronaphthalene	9.33	162	849496	41.920	ng	99
48) 2-Nitroaniline	9.43	65	299517	41.676	ng	96
49) Acenaphthylene	9.75	152	1293935	41.982	ng	98
50) Dimethylphthalate	9.60	163	963357	42.104	ng	100
51) 2,6-Dinitrotoluene	9.67	165	208986	41.180	ng	99
52) Acenaphthene	9.92	154	761023	40.238	ng	99
53) 3-Nitroaniline	9.85	138	258168	40.981	ng	97
54) 2,4-Dinitrophenol	9.97	184	19011	13.567	ng	98
55) Dibenzofuran	10.09	168	1107405	39.931	ng	96
56) 4-Nitrophenol	10.02	139	111989	25.137	ng	92
57) 2,4-Dinitrotoluene	10.08	165	259222	37.633	ng	91
58) Fluorene	10.43	166	876851	40.933	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	196851	34.255	ng	99
60) Diethylphthalate	10.30	149	948482	40.798	ng	98
61) 4-Chlorophenyl-phenylether	10.42	204	435046	41.349	ng	99
62) 4-Nitroaniline	10.46	138	250337	37.816	ng	96
63) Azobenzene	10.58	77	907232	40.316	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	44397	16.657	ng	84
66) n-Nitrosodiphenylamine	10.54	169	773064	45.919	ng	99
67) 4-Bromophenyl-phenylether	10.91	248	267195	43.748	ng	96
68) Hexachlorobenzene	10.99	284	280421	41.503	ng	93
69) Atrazine	11.07	200	223907	42.737	ng	99
70) Pentachlorophenol	11.19	266	81143	25.334	ng	97
71) Phenanthrene	11.40	178	1141356	42.292	ng	98
72) Anthracene	11.45	178	1169287	43.137	ng	99
73) Carbazole	11.60	167	1068354	41.332	ng	98
74) Di-n-butylphthalate	11.93	149	1389828	46.671	ng	99
75) Fluoranthene	12.59	202	1122476	38.624	ng	98
77) Benzidine	12.70	184	560113	33.100	ng	97
78) Pyrene	12.82	202	1123191	37.037	ng	99
80) Butylbenzylphthalate	13.42	149	508078	39.804	ng	99
81) Benzo(a)anthracene	14.00	228	1038821	42.605	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	409021	43.243	ng	98
83) Chrysene	14.04	228	1003188	41.971	ng	98
84) Bis(2-ethylhexyl)phthalate	13.98	149	696213	41.704	ng	99
85) Di-n-octyl phthalate	14.59	149	1191458	44.026	ng	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	1065777	50.453	ng	98
88) Benzo(b)fluoranthene	15.06	252	1198517	40.417	ng	99
89) Benzo(k)fluoranthene	15.09	252	1032297	37.896	ng	99
90) Benzo(a)pyrene	15.43	252	1073045	41.116	ng	99
91) Dibenzo(a,h)anthracene	16.98	278	896019	41.318	ng	99
92) Benzo(g,h,i)perylene	17.42	276	835463	38.443	ng	99

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



#1

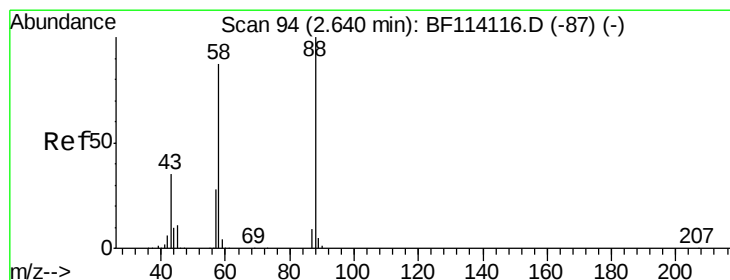
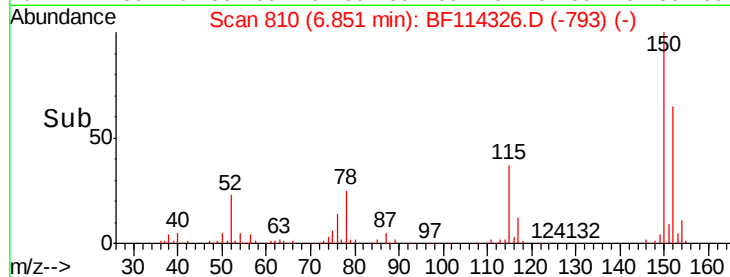
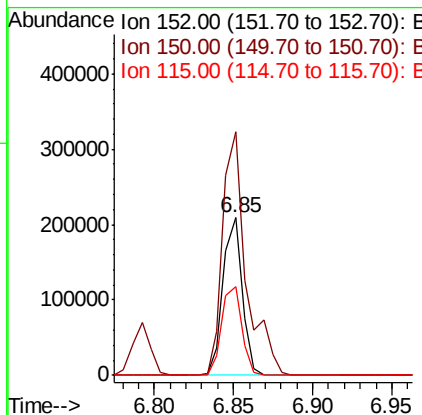
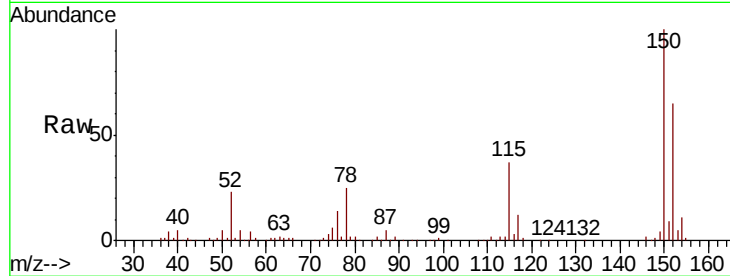
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.3	186.5
115	56.7	49.1	73.7

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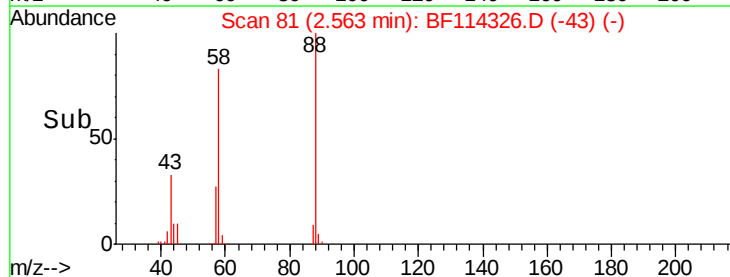
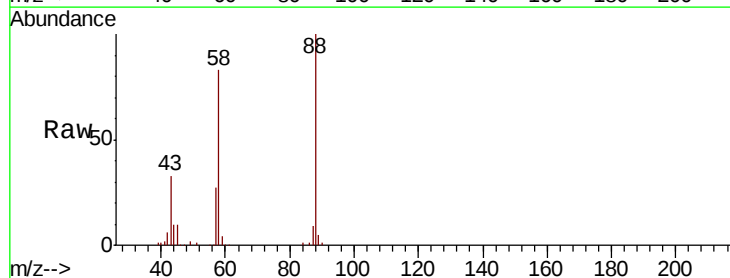
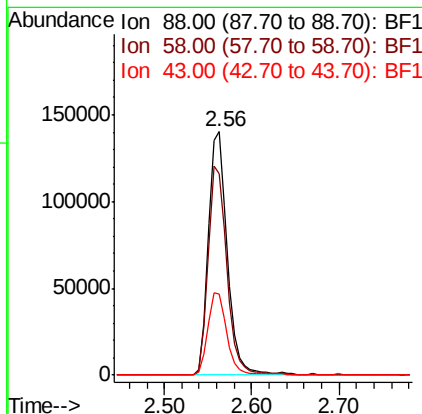
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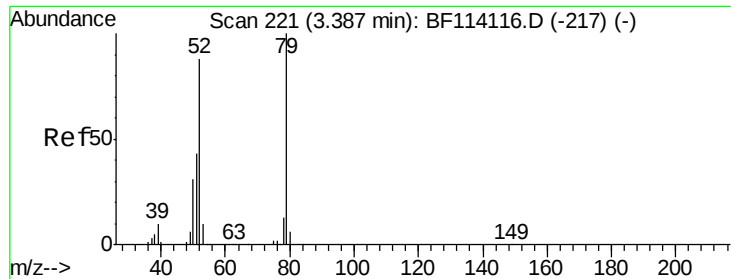


#2

1,4-Dioxane
Concen: 35.131 ng
RT: 2.56 min Scan# 81
Delta R.T. -0.08 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.0	68.7	103.1
43	34.9	28.2	42.2





#3

Pvridine

Concen: 36.312 ng

RT: 3.32 min Scan# 210

Delta R.T. -0.06 min

Lab File: BF114326.D

Acq: 16 May 2019 23:45

Instrument :

BNA_F

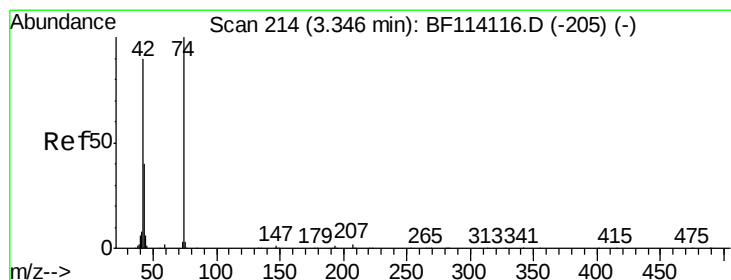
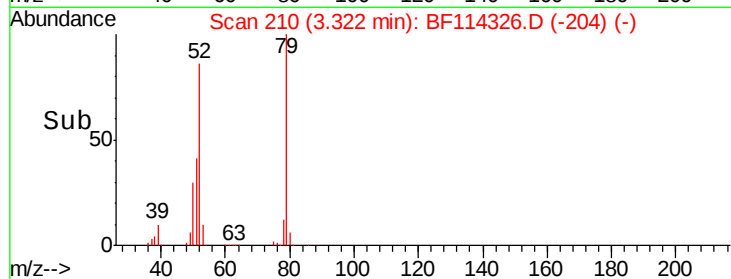
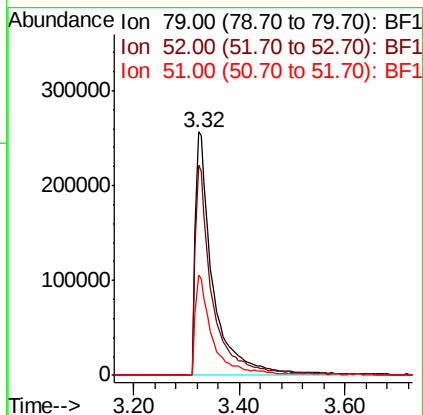
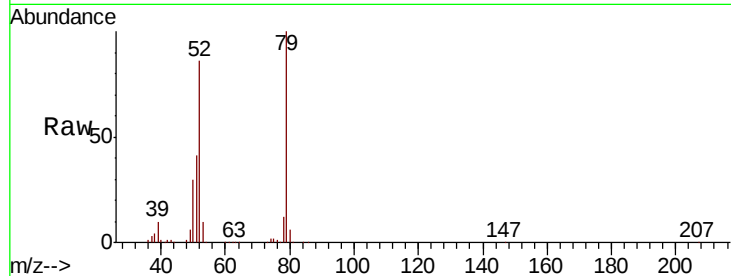
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	602460
Ion Ratio	Lower	Upper	
79	100		
52	86.4	70.6	105.8
51	41.3	34.2	51.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 25.632 ng

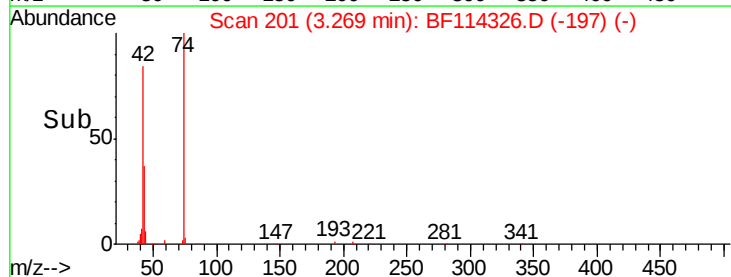
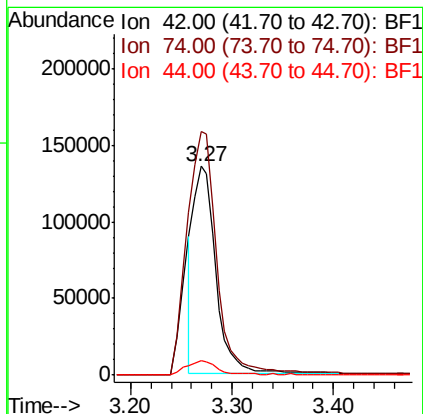
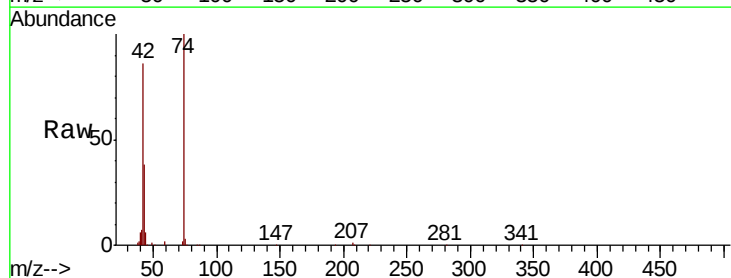
RT: 3.27 min Scan# 201

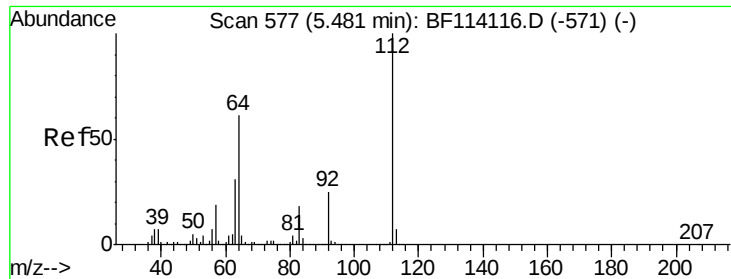
Delta R.T. -0.08 min

Lab File: BF114326.D

Acq: 16 May 2019 23:45

Tgt Ion:	42	Resp:	205074
Ion Ratio	Lower	Upper	
42	100		
74	116.5	88.6	132.8
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 79.195 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF114326.D

Acq: 16 May 2019 23:45

Instrument :

BNA_F

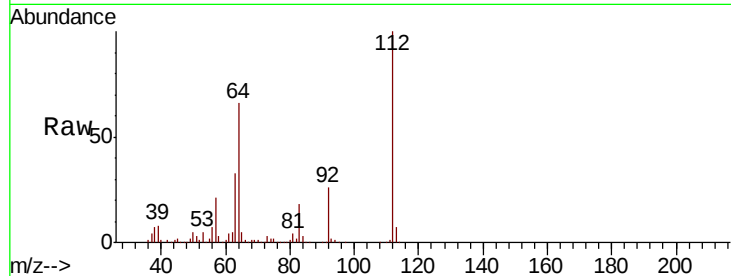
ClientSampleId :

SSTDCCC040

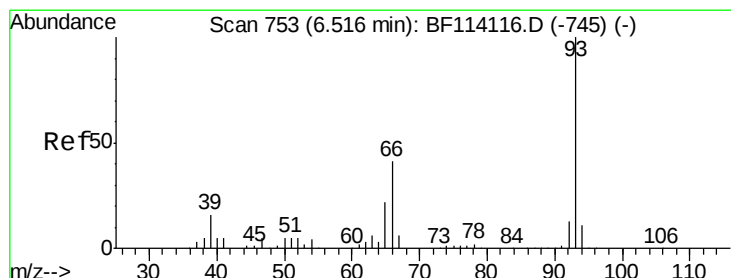
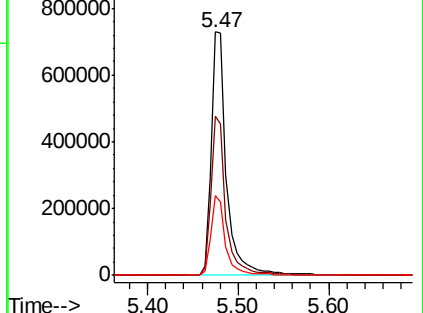
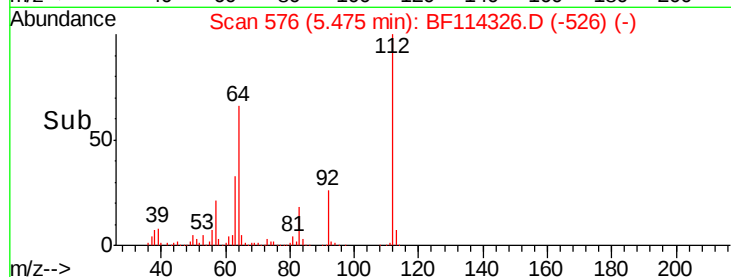
Tot Ion	Ratio	Resp	Lower	Upper
112	100	867626		
64	65.5	49.0	73.6	
63	32.8	24.6	37.0	

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF114326.D (-526) (-)



#6

Aniline

Concen: 39.101 ng

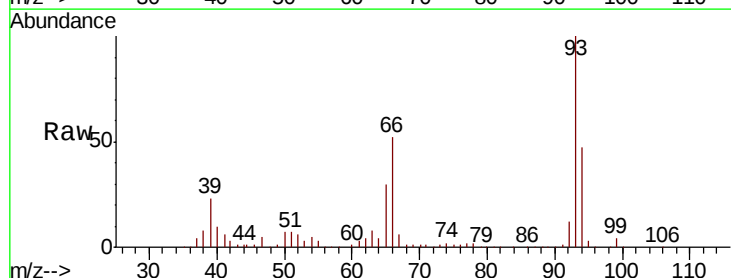
RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

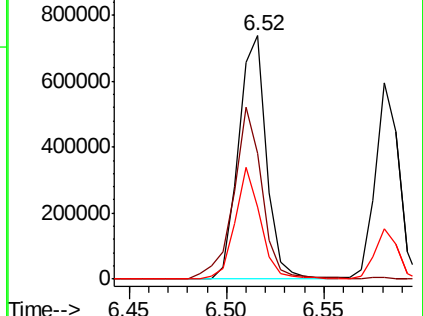
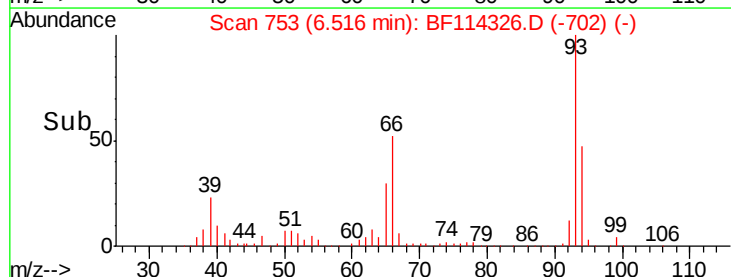
Lab File: BF114326.D

Acq: 16 May 2019 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	731869		
66	51.7	33.2	49.8#	
65	29.8	17.6	26.4#	



Abundance Ion 93.00 (92.70 to 93.70): BF114326.D (-702) (-)





#7

Phenol-d6

Concen: 82.934 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114326.D

Acq: 16 May 2019 23:45

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion: 99 Resp: 1074615

Ion Ratio Lower Upper

99 100

42 21.0 17.9 26.9

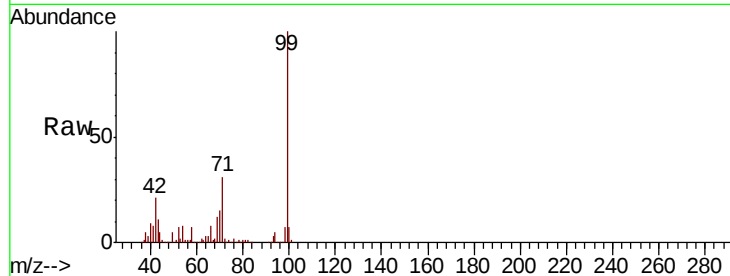
71 31.2 26.2 39.2

Manual Integrations

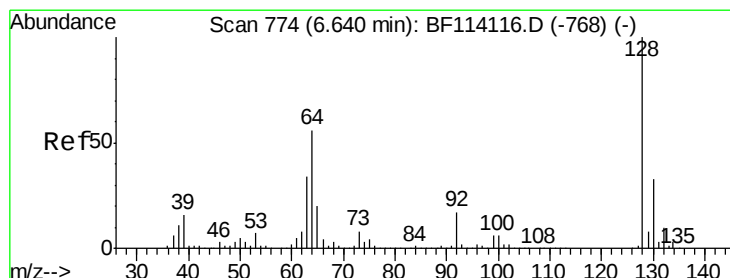
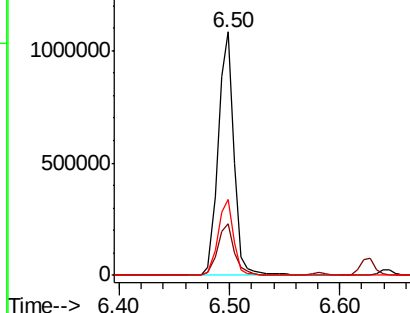
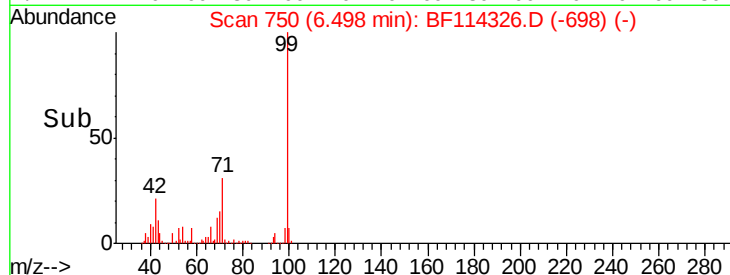
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.396 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF114326.D

Acq: 16 May 2019 23:45

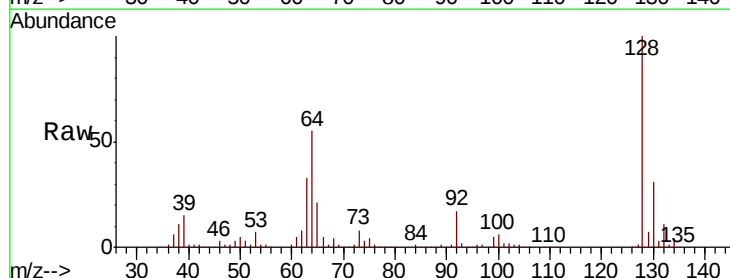
Tgt Ion: 128 Resp: 484154

Ion Ratio Lower Upper

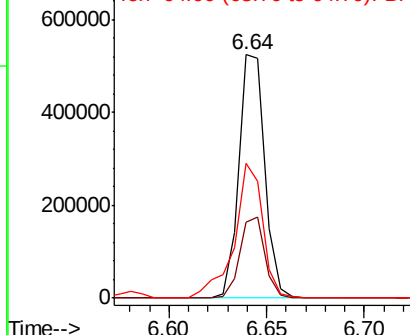
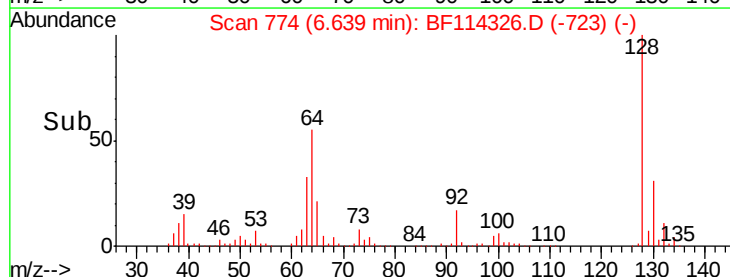
128 100

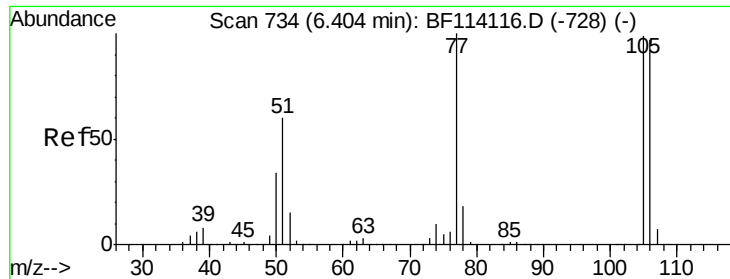
130 31.4 12.6 52.6

64 55.4 35.9 75.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





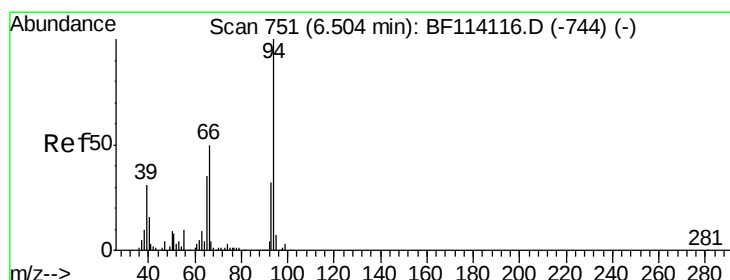
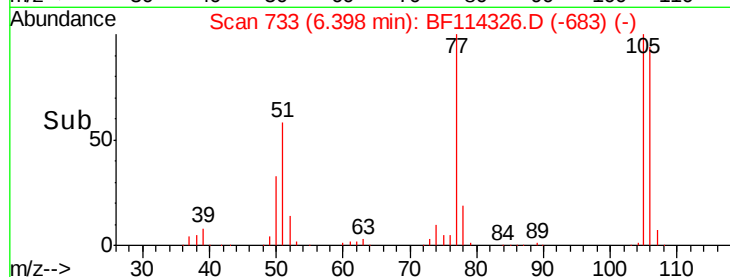
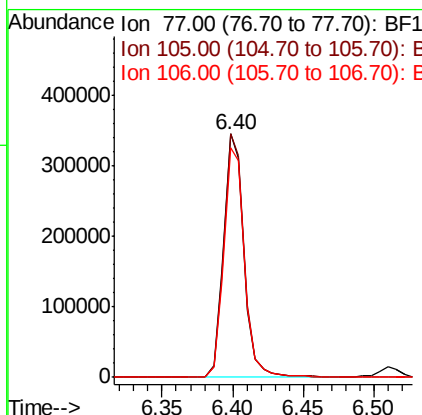
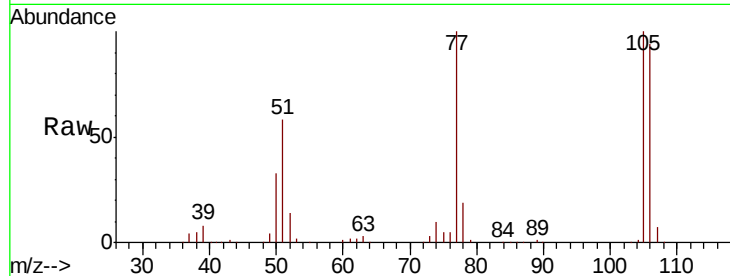
#9
Benzaldehyde
Concen: 37.983 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.0	79.3	119.3		
106	94.1	77.0	117.0		

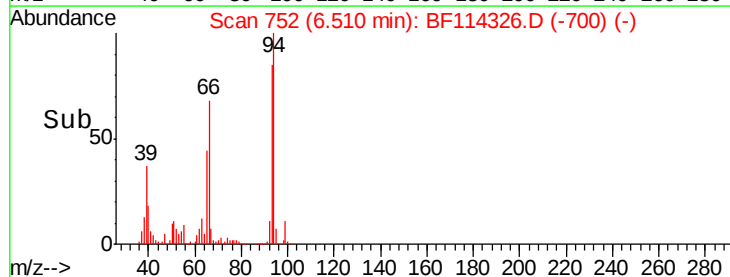
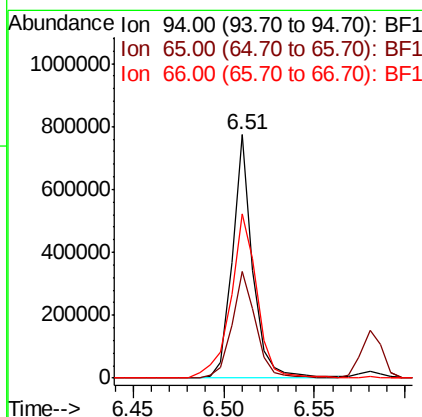
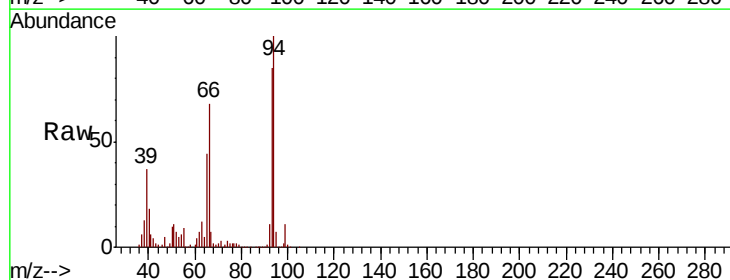
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#10
Phenol
Concen: 39.834 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	43.7	14.7	54.7		
66	67.5	29.6	69.6		





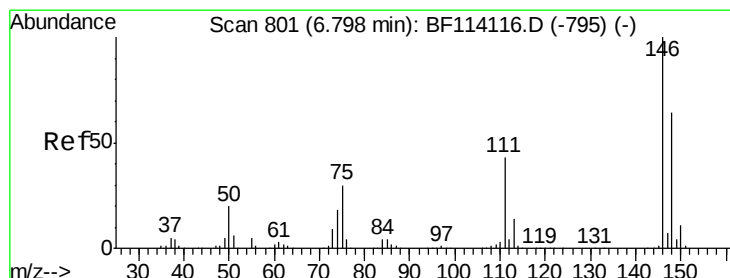
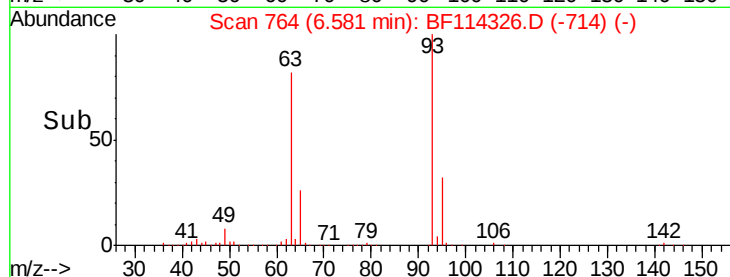
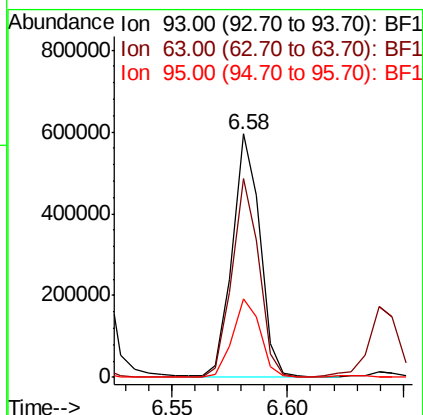
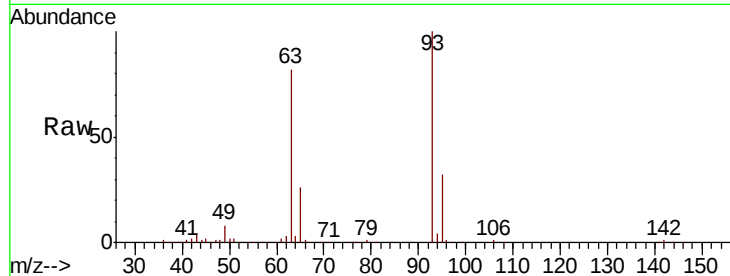
#11
bis(2-Chloroethyl)ether
Concen: 42.490 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	491698
Ion	Ratio	Lower	Upper
93	100		
63	81.7	63.6	103.6
95	32.4	13.1	53.1

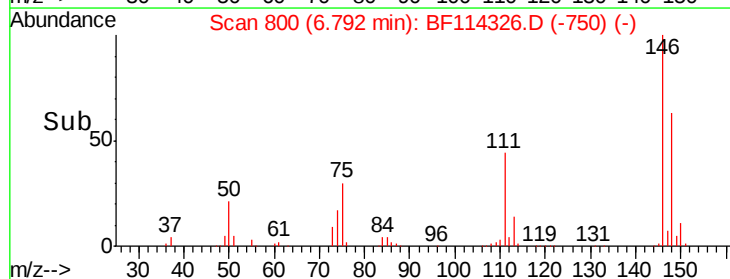
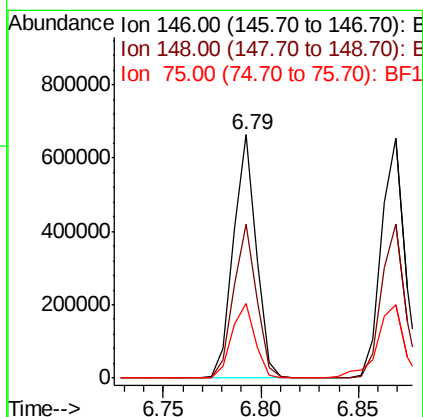
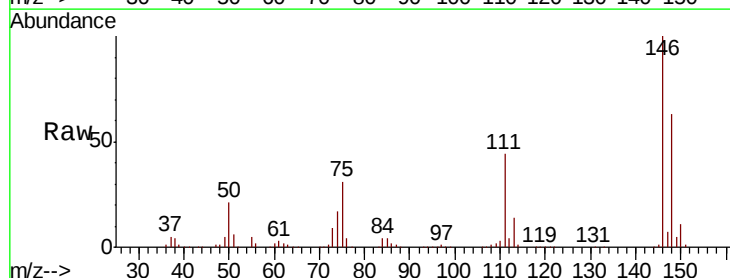
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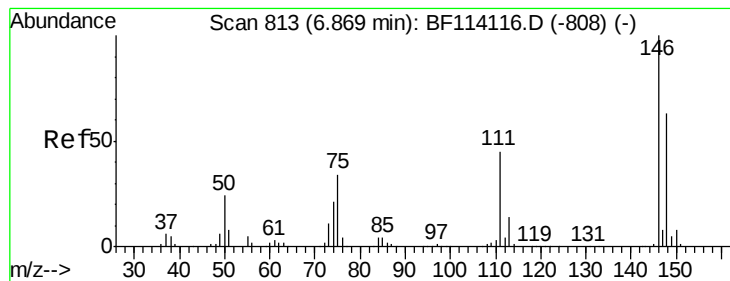
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.171 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion:	146	Resp:	540512
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.6	77.4
75	30.6	24.2	36.2





#13

1,4-Dichlorobenzene

Concen: 41.198 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF114326.D

Acq: 16 May 2019 23:45

Instrument :

BNA_F

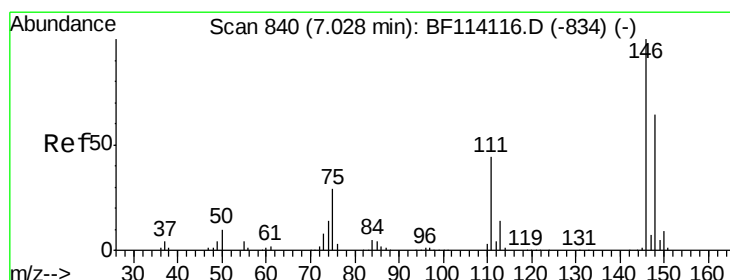
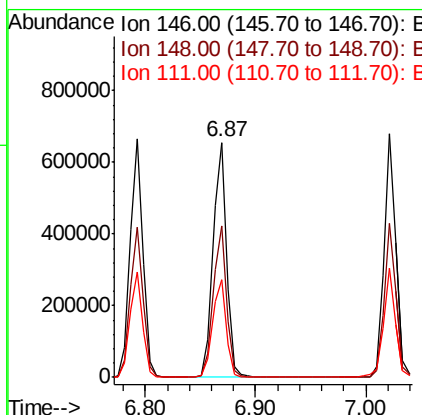
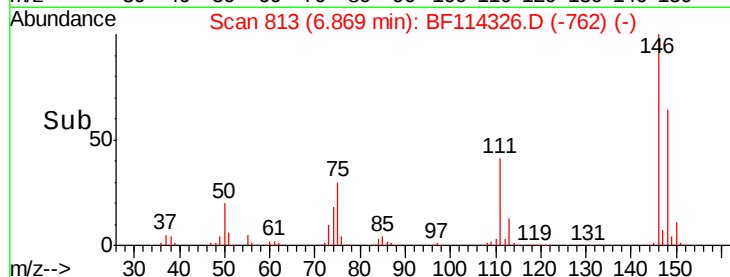
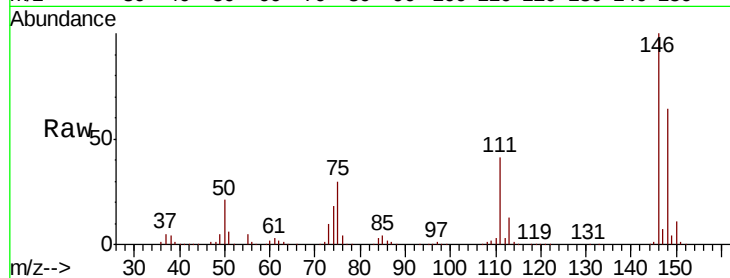
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	545024
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.2	75.2
111	41.5	35.8	53.6

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#14

1,2-Dichlorobenzene

Concen: 41.955 ng

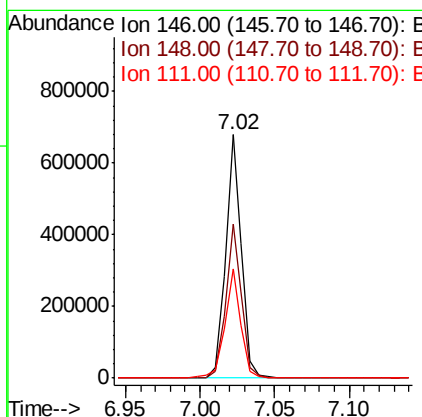
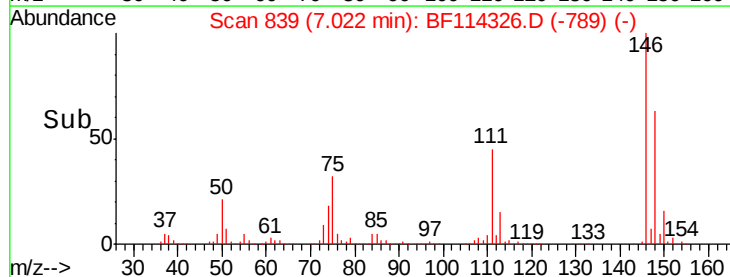
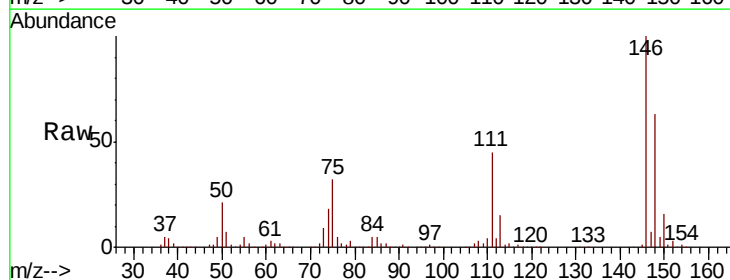
RT: 7.02 min Scan# 839

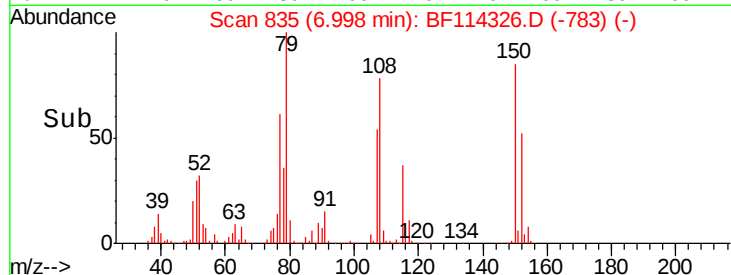
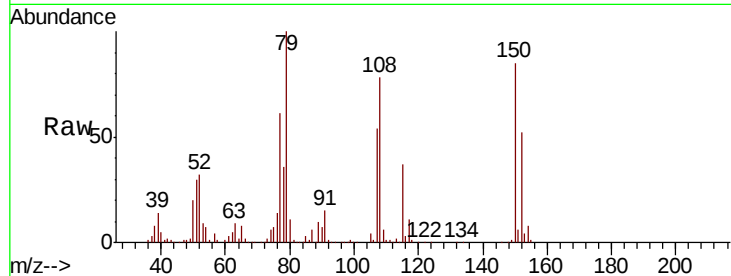
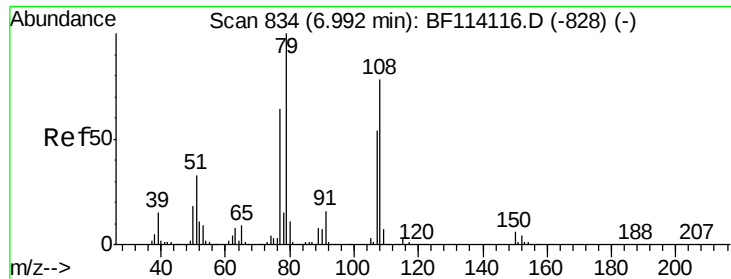
Delta R.T. -0.01 min

Lab File: BF114326.D

Acq: 16 May 2019 23:45

Tgt Ion:	146	Resp:	507079
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.1	76.7
111	44.8	35.3	52.9





#15

Benzyl Alcohol

Concen: 41.069 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF114326.D

Acq: 16 May 2019 23:45

Tot Ion:	79	Resp:	415046
Ion Ratio	Lower	Upper	
79	100		
108	78.4	62.1	93.1
77	61.4	51.0	76.6

Instrument :

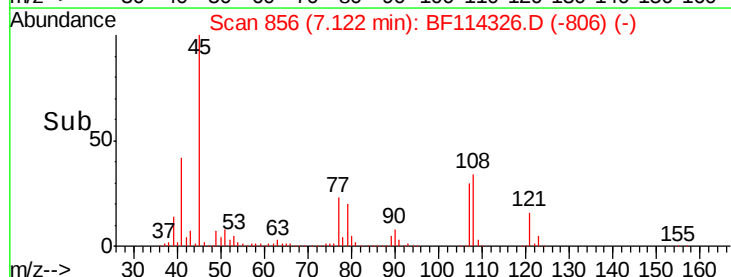
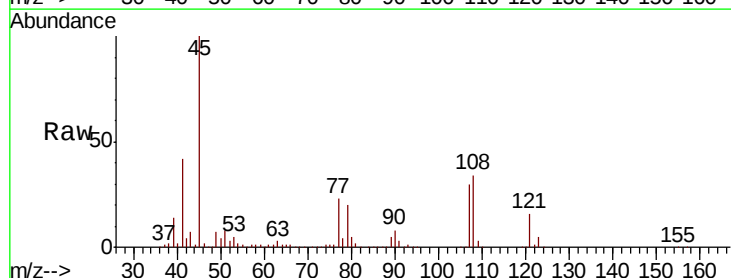
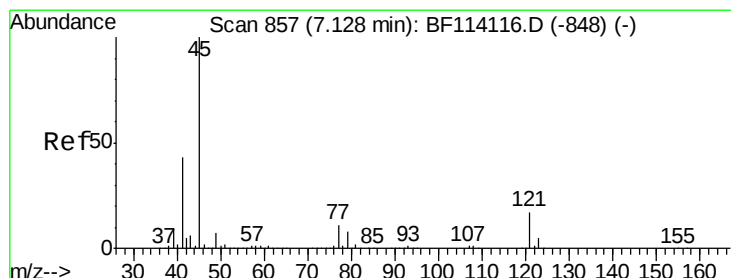
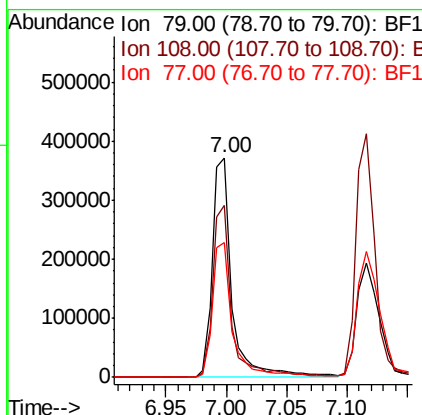
BNA_F

ClientSampled :

SSTDCCC040

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.778 ng

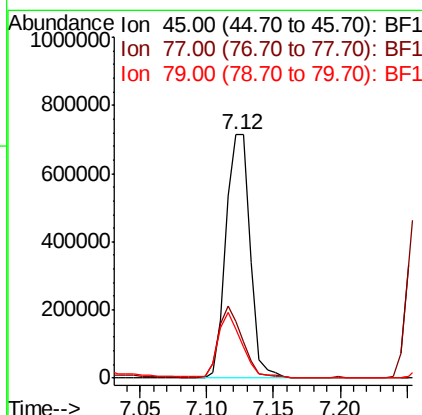
RT: 7.12 min Scan# 856

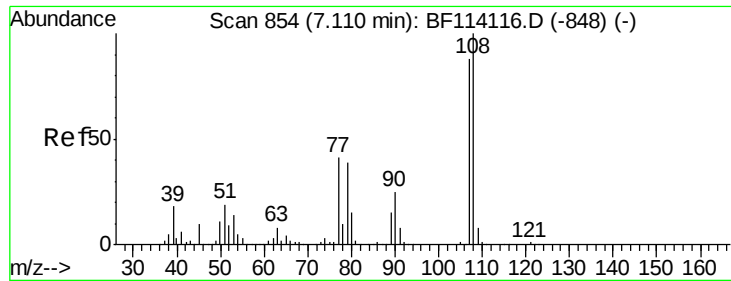
Delta R.T. -0.01 min

Lab File: BF114326.D

Acq: 16 May 2019 23:45

Tgt Ion:	45	Resp:	914962
Ion Ratio	Lower	Upper	
45	100		
77	23.3	0.0	31.1
79	20.2	0.0	28.4





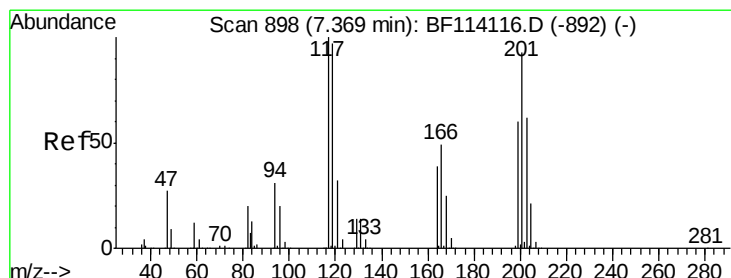
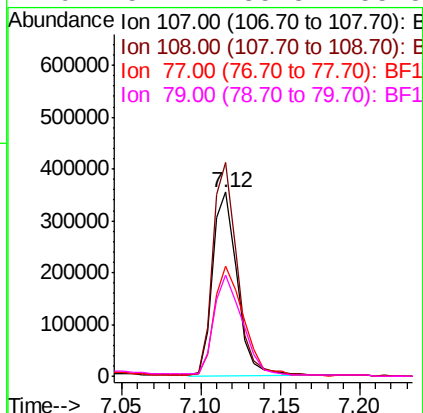
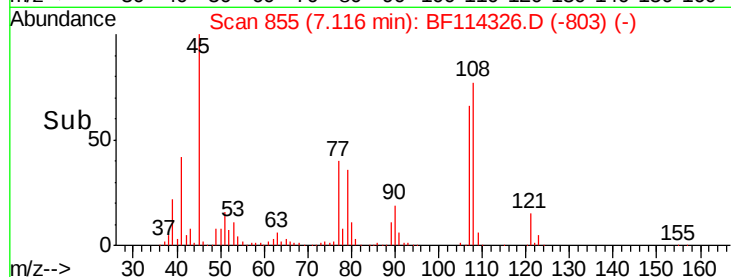
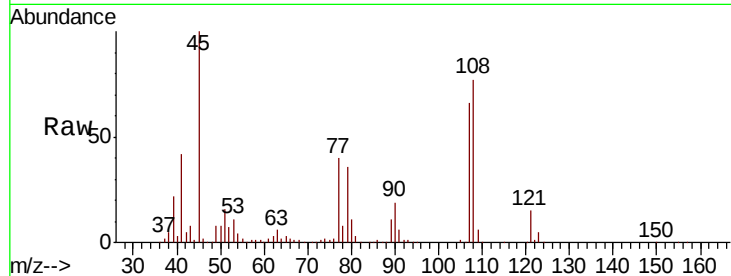
#17
2-Methylphenol
Concen: 39.932 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.1	90.5	135.7	
77	59.7	37.0	55.4	
79	54.7	35.8	53.8	

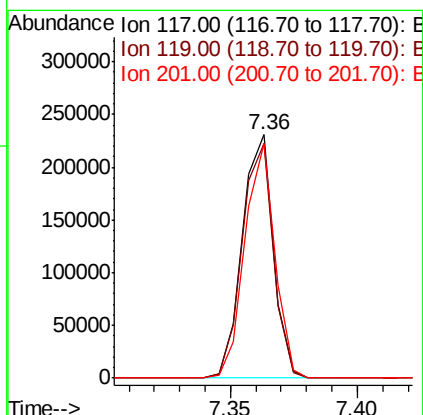
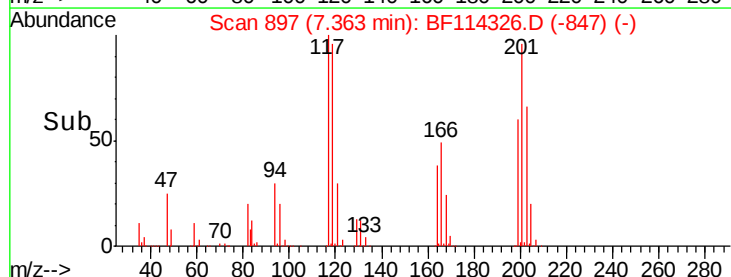
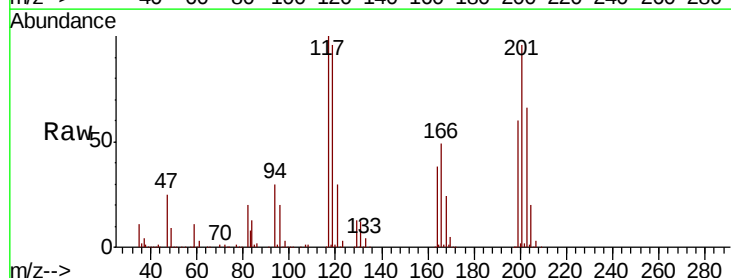
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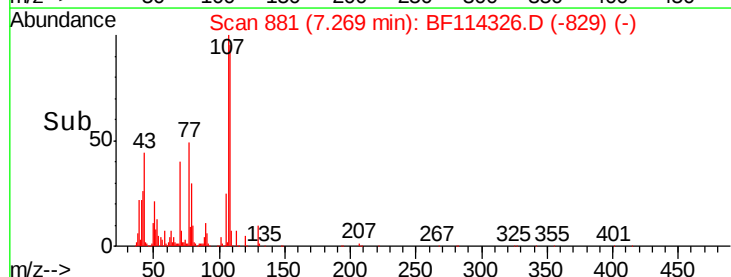
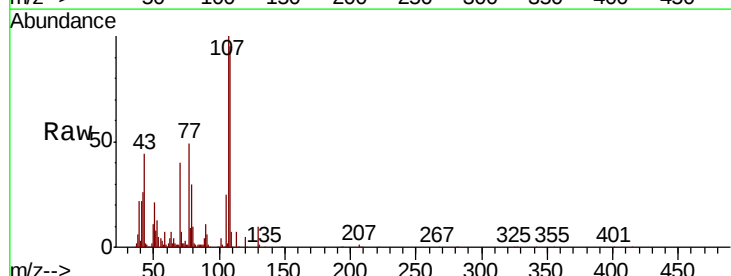
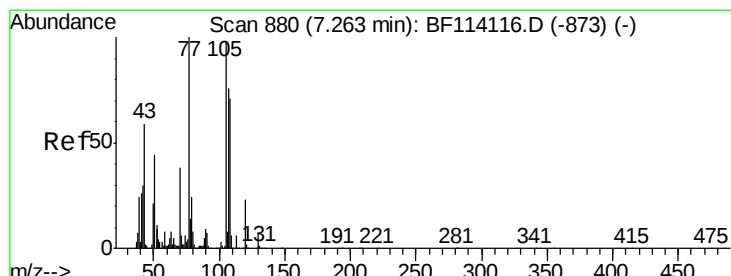
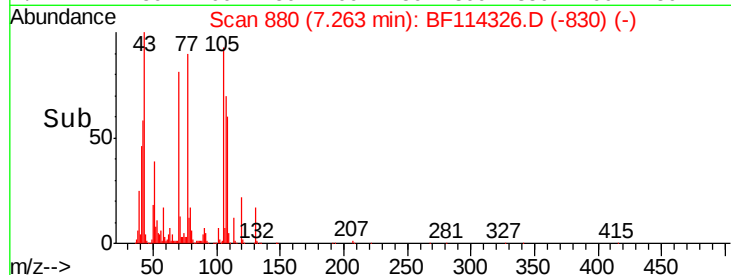
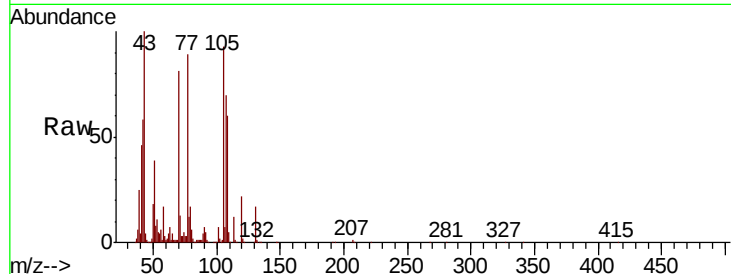
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#18
Hexachloroethane
Concen: 39.498 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	77.4	116.2	
201	96.5	74.5	111.7	





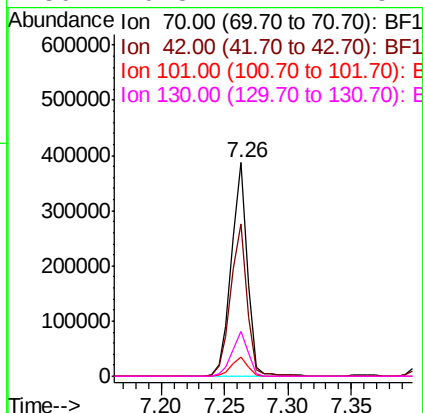
#19
n-Nitroso-di-n-propylamine
Concen: 41.133 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.6	58.6	87.8
101	9.2	7.8	11.8
130	20.8	17.1	25.7

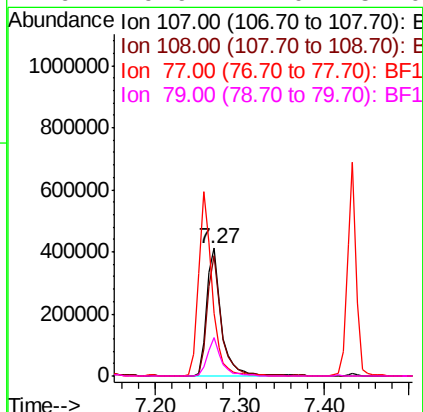
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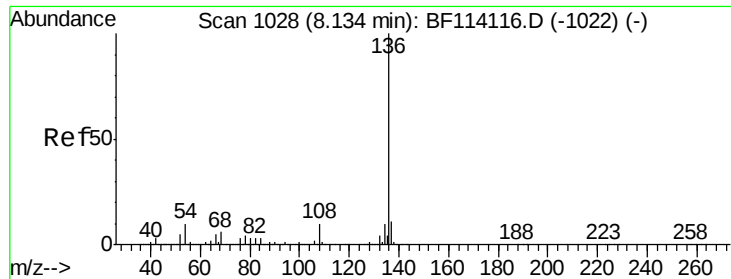
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#20
3+4-Methylphenols
Concen: 44.442 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.5	73.8	113.8
77	49.4	111.5	151.5#
79	29.9	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114326.D

Acq: 16 May 2019 23:45

Instrument :

BNA_F

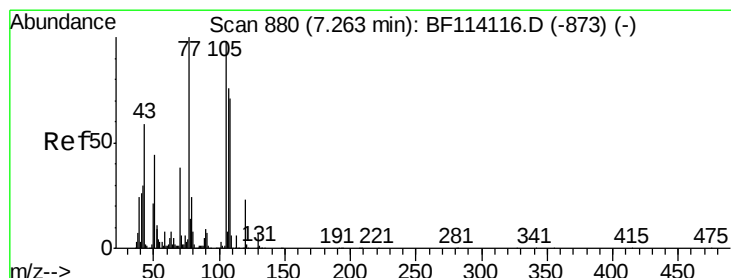
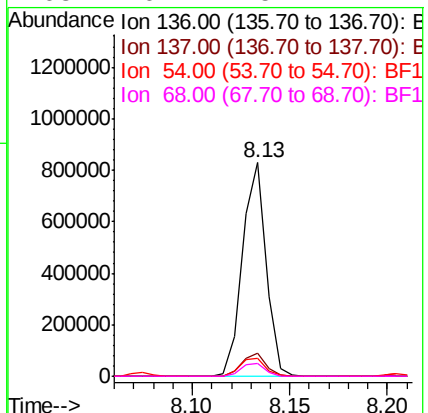
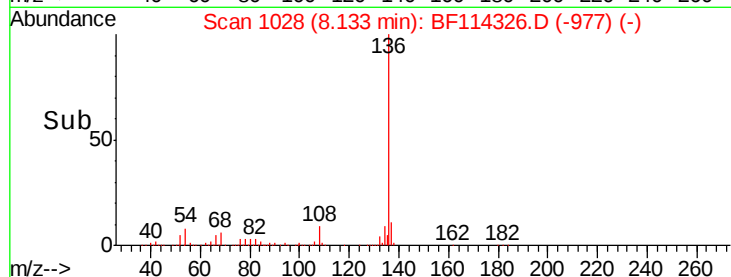
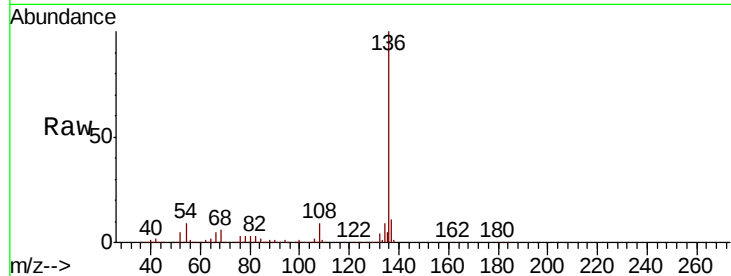
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	696808		
137	10.7		8.8	13.2
54	8.5		7.8	11.8
68	6.1		5.1	7.7

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#22

Acetophenone

Concen: 41.753 ng

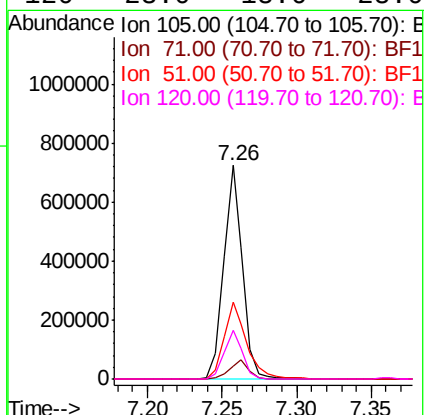
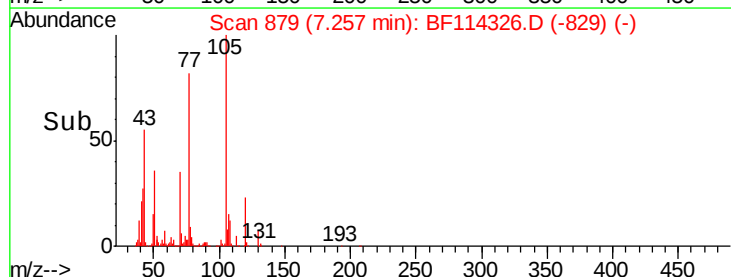
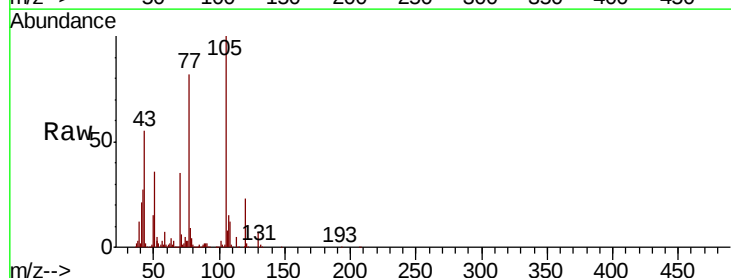
RT: 7.26 min Scan# 879

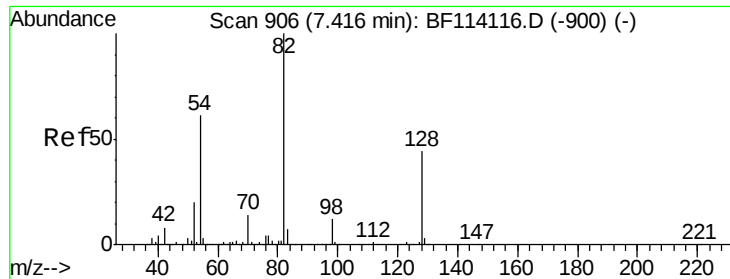
Delta R.T. -0.01 min

Lab File: BF114326.D

Acq: 16 May 2019 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	644522		
71	5.8		5.3	7.9
51	35.8		36.2	54.4#
120	23.0		18.6	28.0





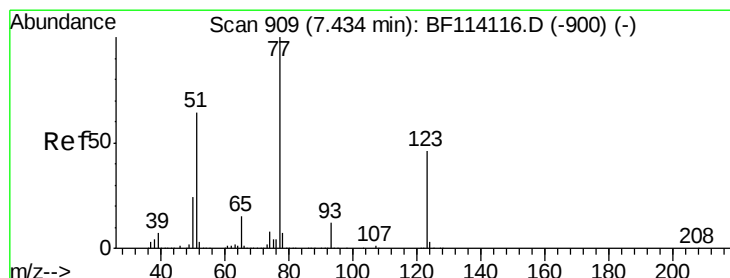
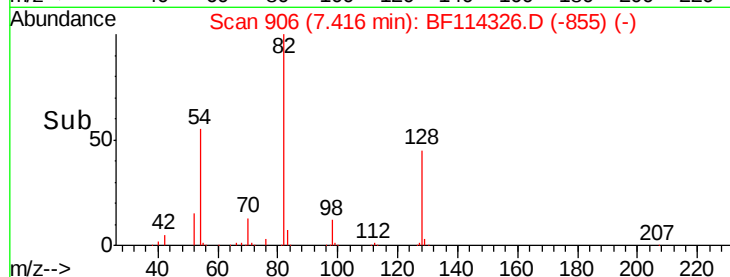
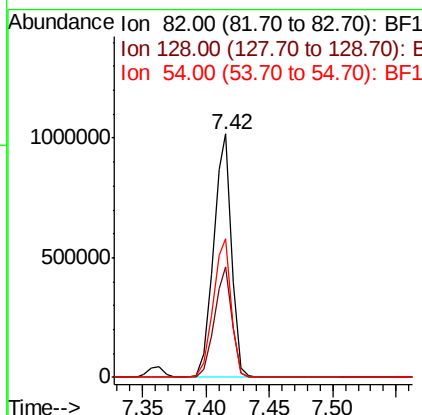
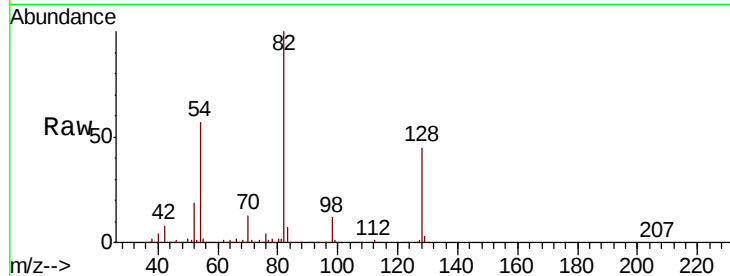
#23
 Nitrobenzene-d5
 Concen: 81.895 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF114326.D
 Acq: 16 May 2019 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	1016838
Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.5	53.3
54	57.0	48.5	72.7

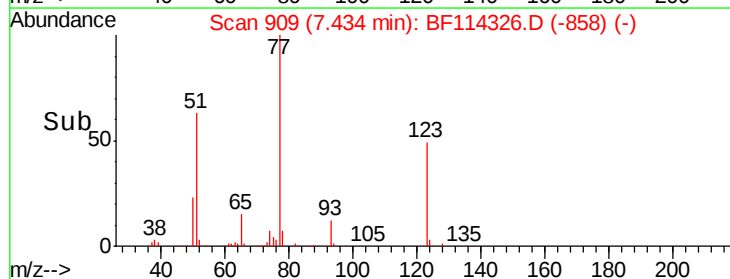
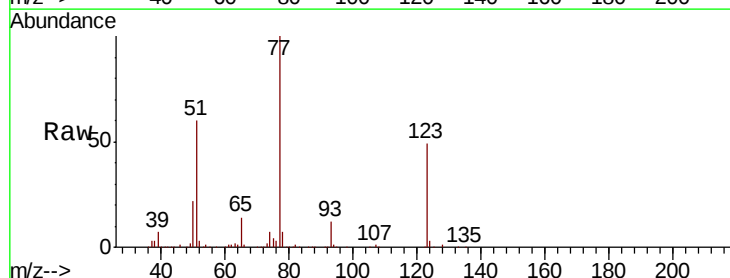
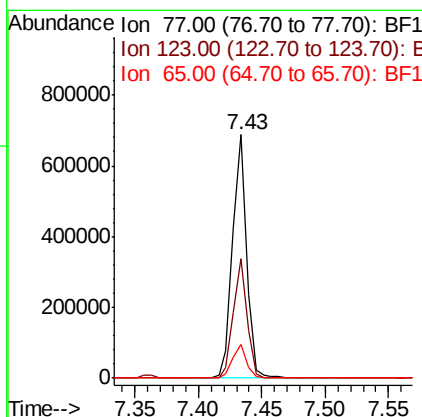
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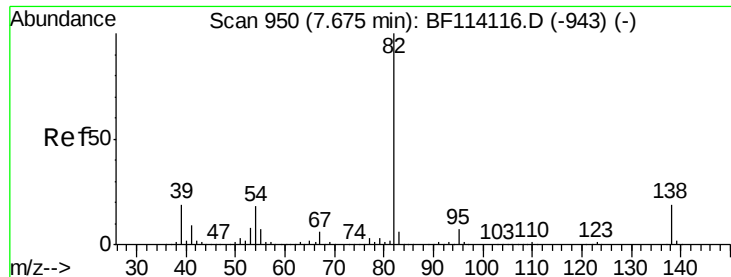
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#24
 Nitrobenzene
 Concen: 41.108 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF114326.D
 Acq: 16 May 2019 23:45

Tgt Ion	77	Resp	519855
Ion	Ratio	Lower	Upper
77	100		
123	48.9	36.9	55.3
65	14.0	11.8	17.6





#25

Isophorone

Concen: 39.457 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF114326.D

Acq: 16 May 2019 23:45

Instrument :

BNA_F

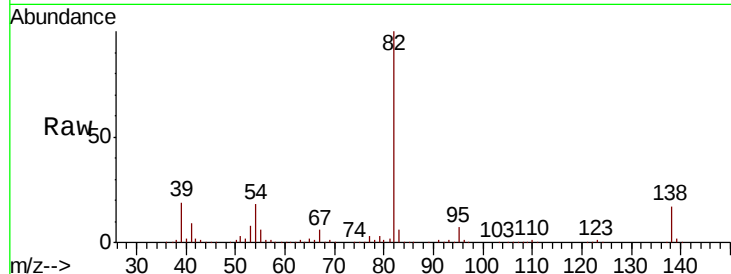
ClientSampled :

SSTDCCC040

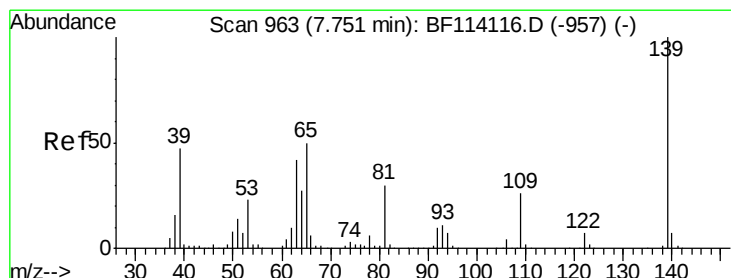
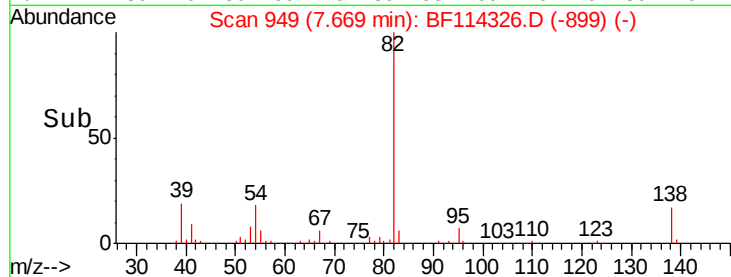
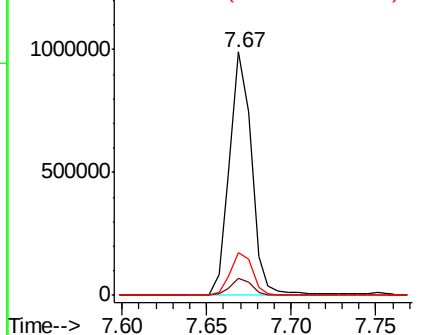
Tot Ion:	82	Resp:	908588
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.6	8.4
138	17.3	14.8	22.2

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.272 ng

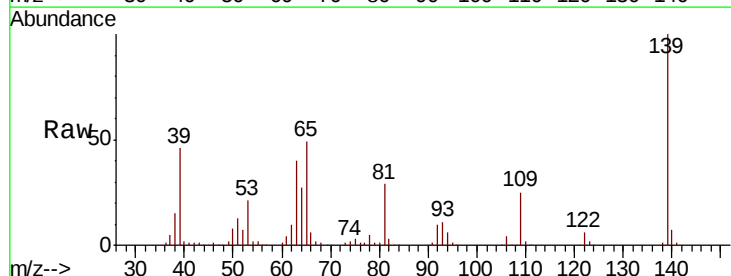
RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

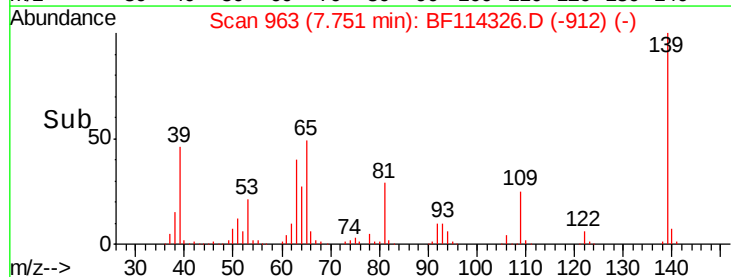
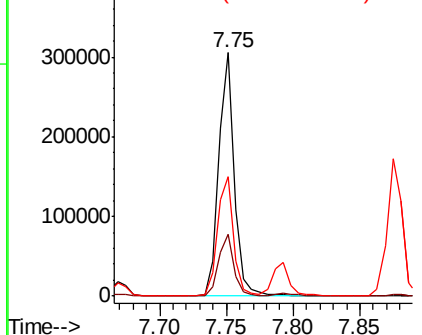
Lab File: BF114326.D

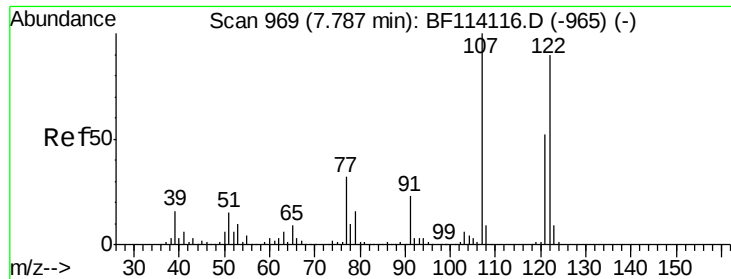
Acq: 16 May 2019 23:45

Tgt Ion:	139	Resp:	253221
Ion Ratio		Lower	Upper
139	100		
109	25.4	20.7	31.1
65	49.1	40.2	60.2



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





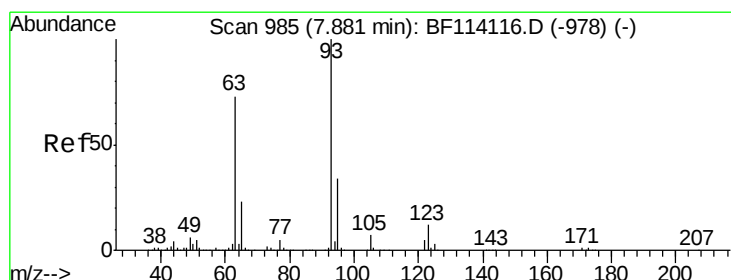
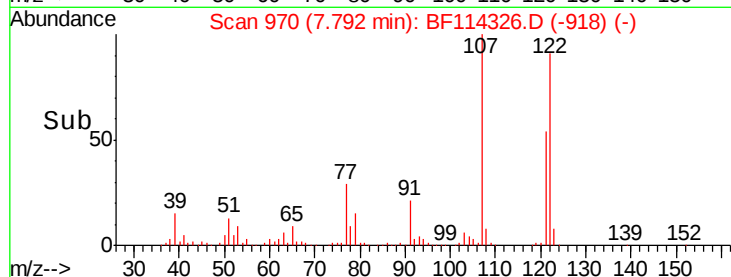
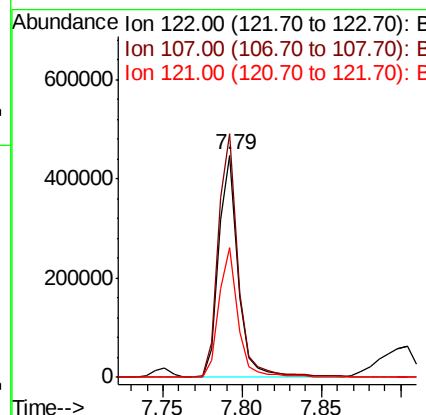
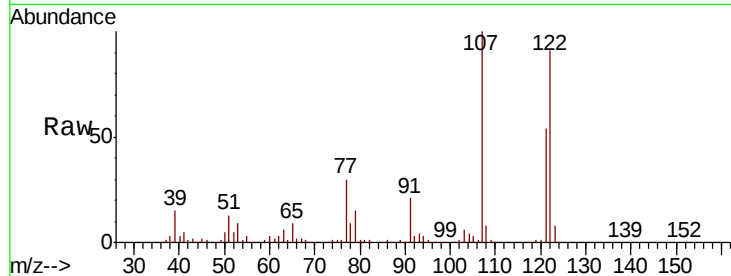
#27
2,4-Dimethylphenol
Concen: 39.632 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.7	88.4	132.6
121	58.7	45.9	68.9

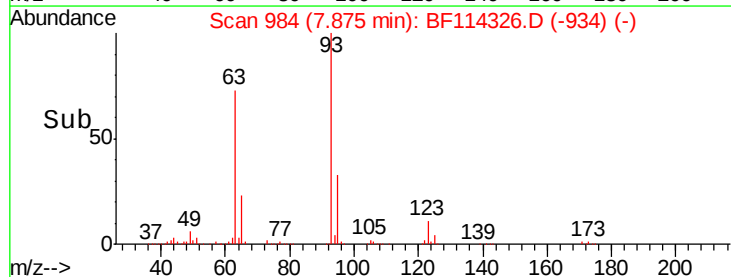
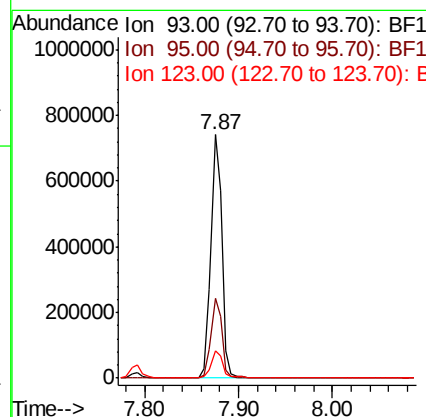
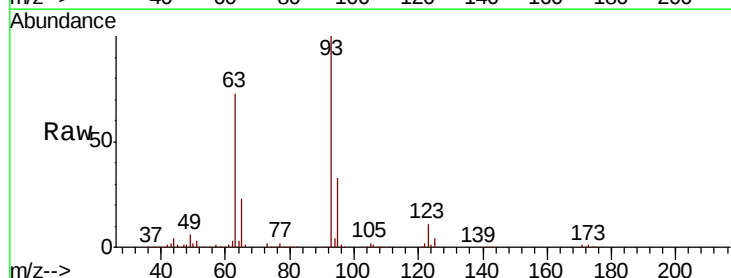
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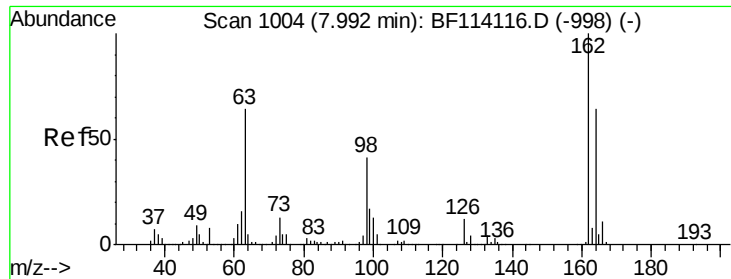
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#28
bis(2-Chloroethoxy)methane
Concen: 41.150 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.8	40.2
123	11.2	9.5	14.3





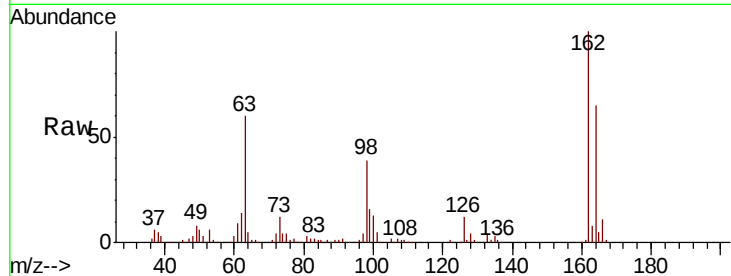
#29
2,4-Dichlorophenol
Concen: 40.538 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

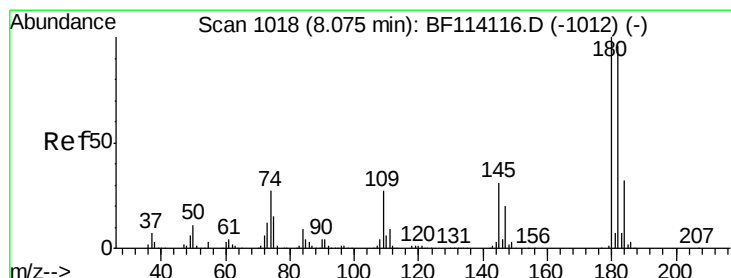
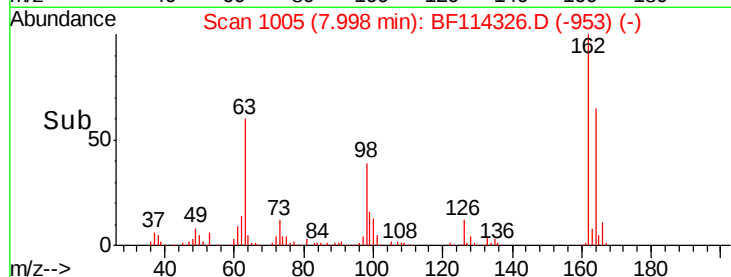
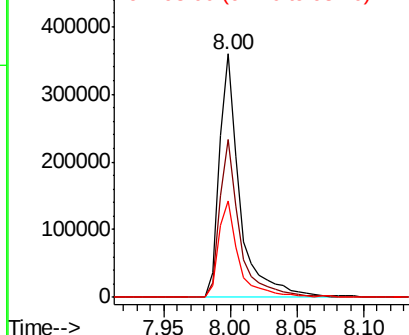
Tot Ion	Ratio	Resp	Lower	Upper
162	100	388977		
164	65.1	43.6	83.6	
98	39.5	20.6	60.6	

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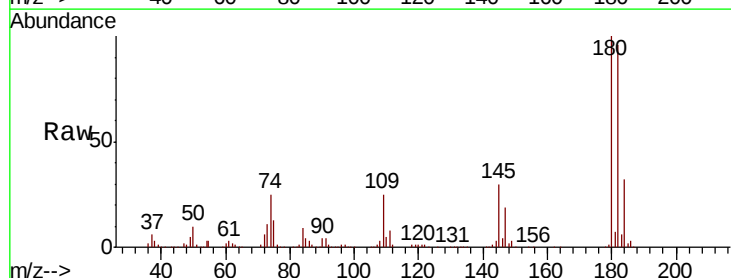


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

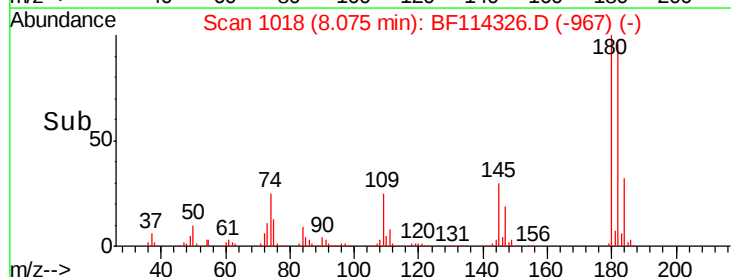
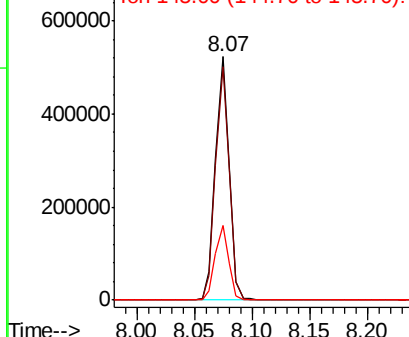


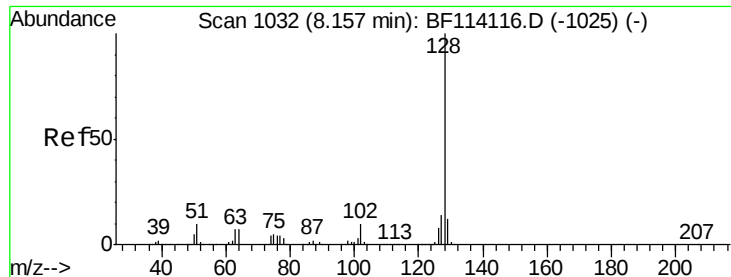
#30
1,2,4-Trichlorobenzene
Concen: 39.766 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	433901		
182	96.0	76.6	114.8	
145	30.4	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





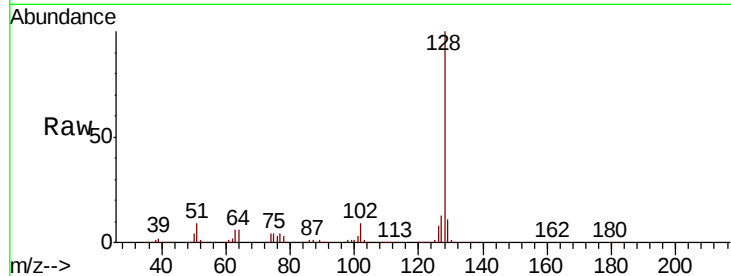
#31
Naphthalene
Concen: 41.611 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

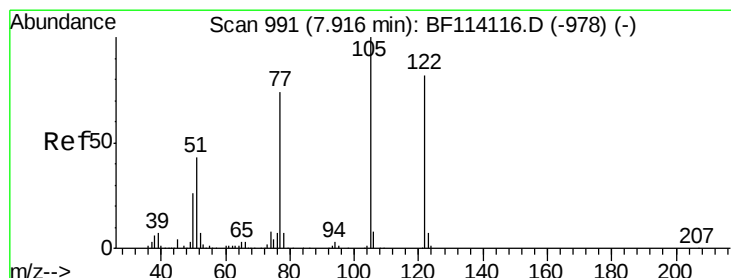
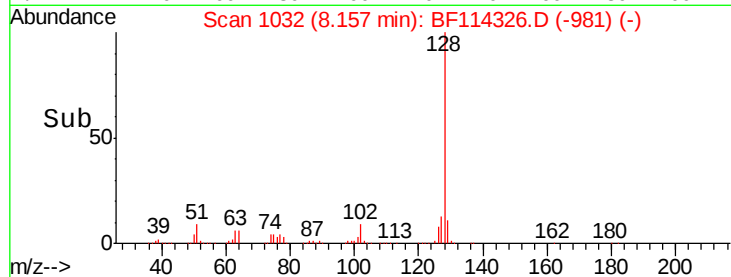
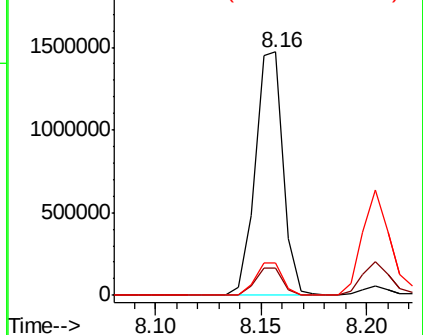
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.6	14.4
127	13.2	11.3	16.9

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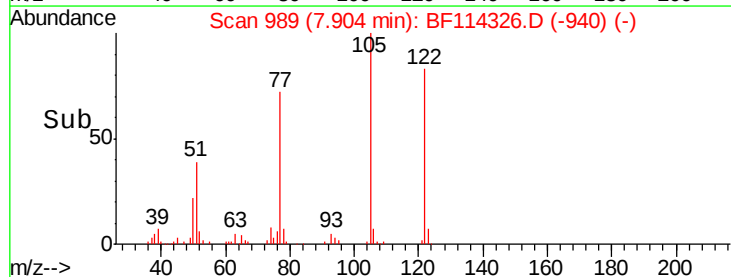
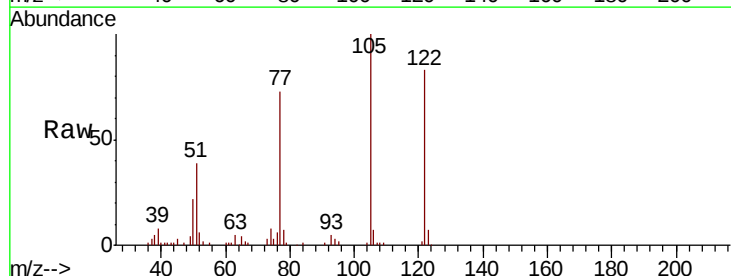
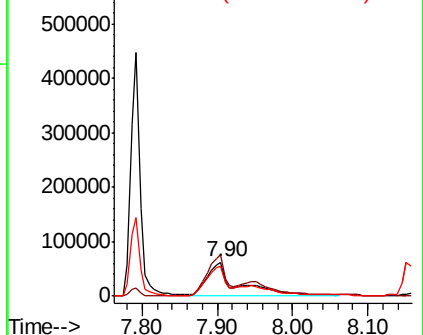
Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

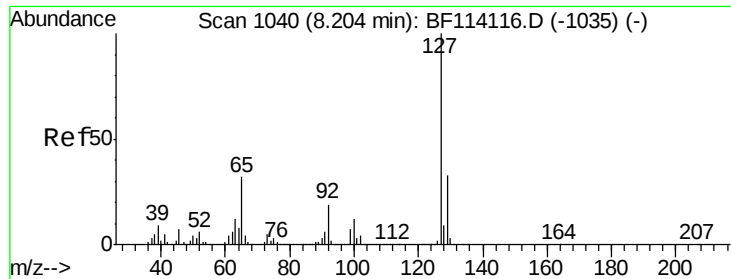


#32
Benzoic acid
Concen: 29.691 ng m
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.1	99.9	139.9
77	87.5	69.4	109.4

Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





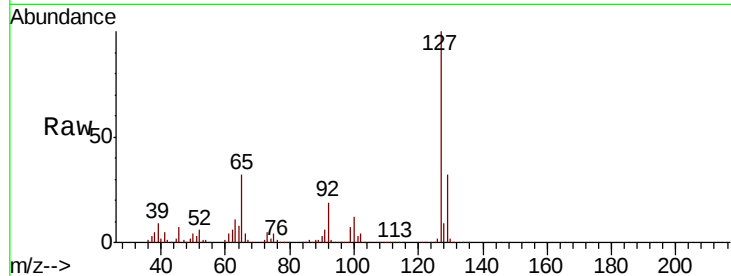
#33
4-Chloroaniline
Concen: 41.753 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

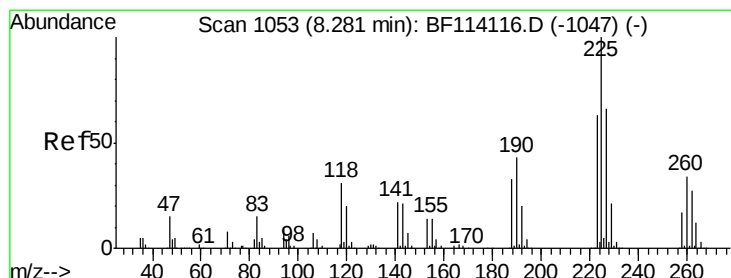
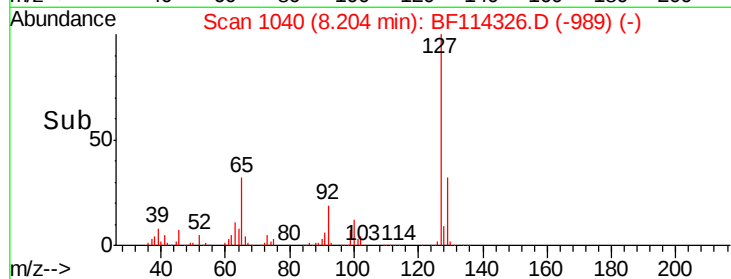
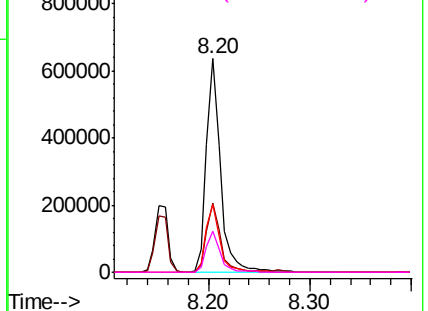
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		619291		
129	32.4	26.7	40.1		
65	32.0	25.4	38.0		
92	19.4	15.4	23.2		

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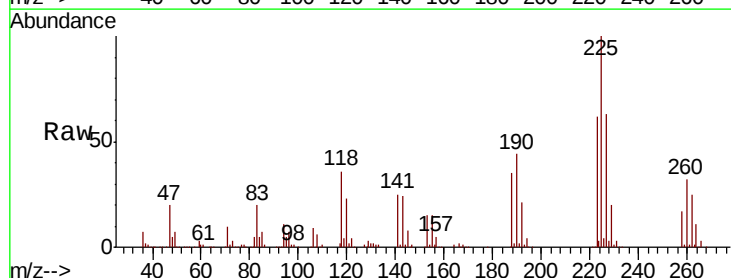


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

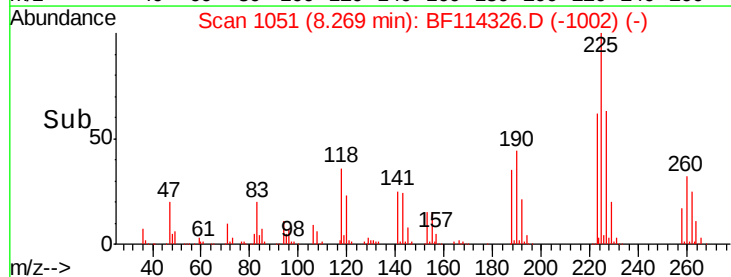
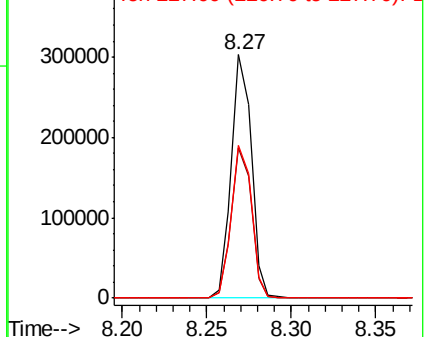


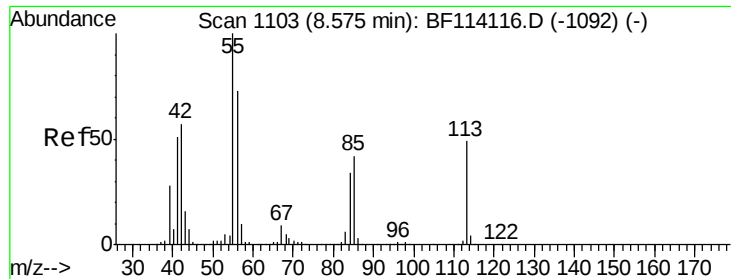
#34
Hexachlorobutadiene
Concen: 40.382 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		250704		
223	61.9	50.2	75.2		
227	62.8	52.6	79.0		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





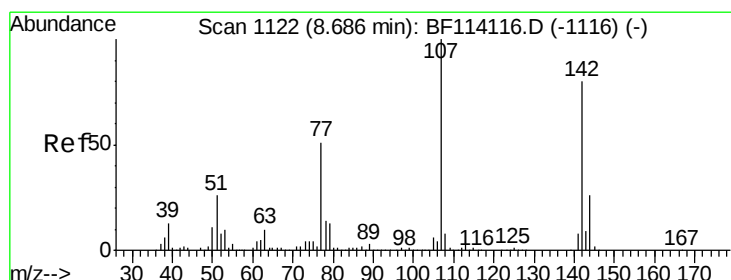
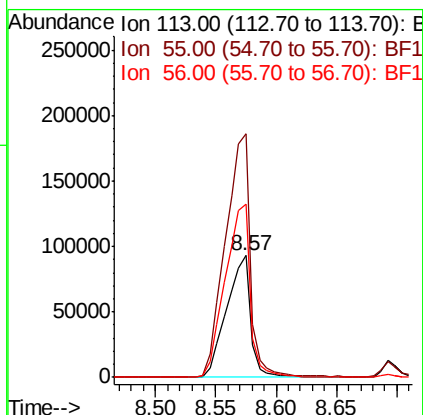
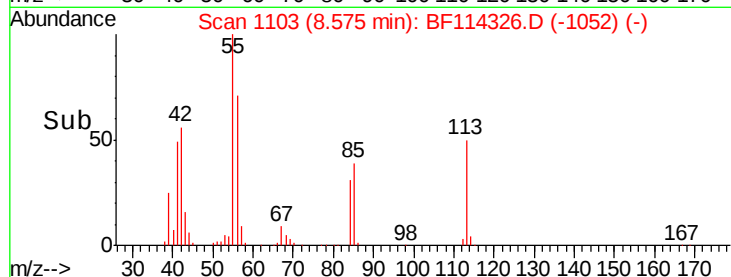
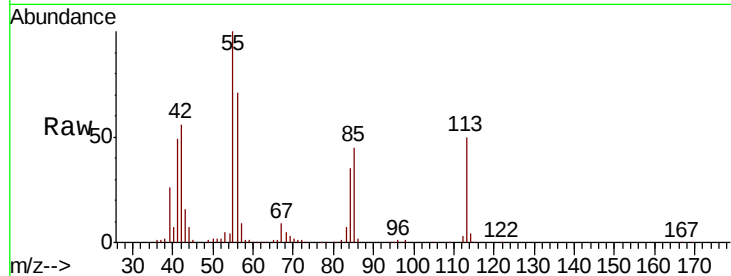
#35
Caprolactam
Concen: 41.158 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	200.2		183.5	223.5	
56	142.7		128.8	168.8	

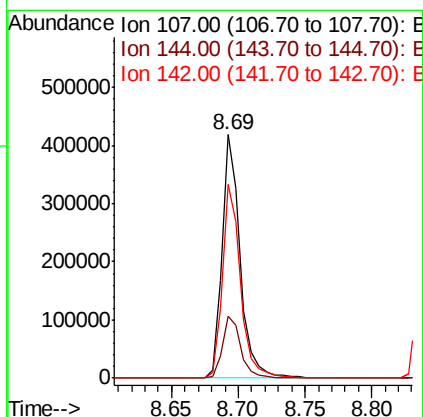
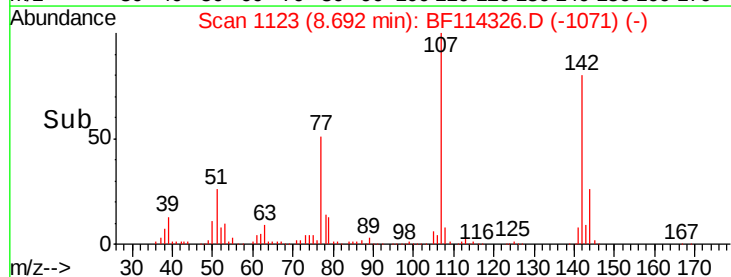
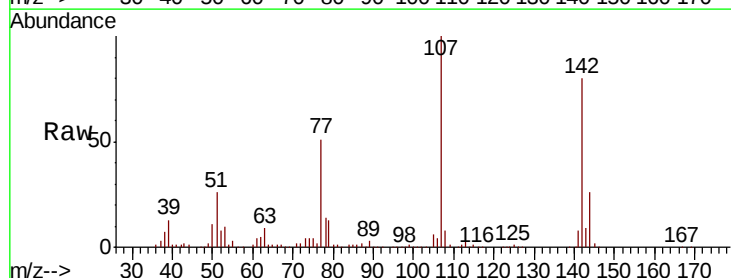
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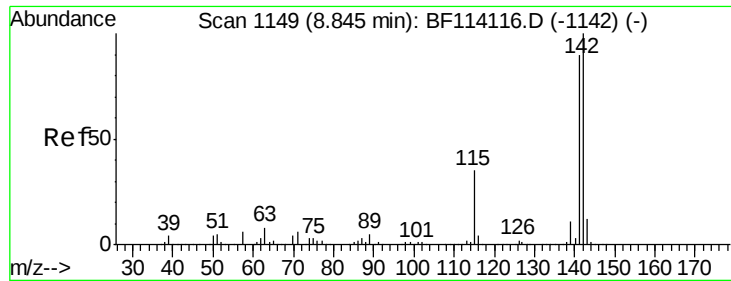
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#36
4-Chloro-3-methylphenol
Concen: 41.691 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.6		20.4	30.6	
142	79.6		64.2	96.4	





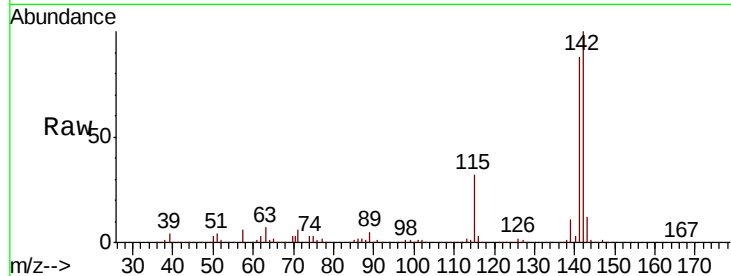
#37
2-Methylnaphthalene
Concen: 42.494 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.1	108.1
115	32.1	28.0	42.0

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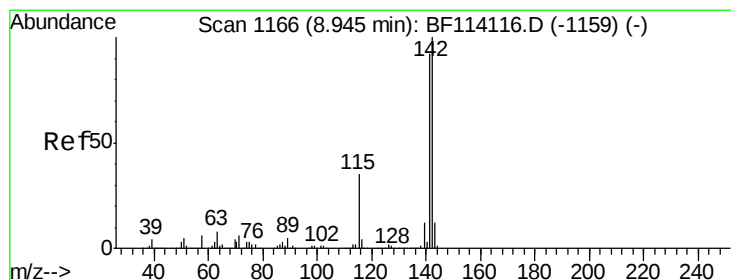
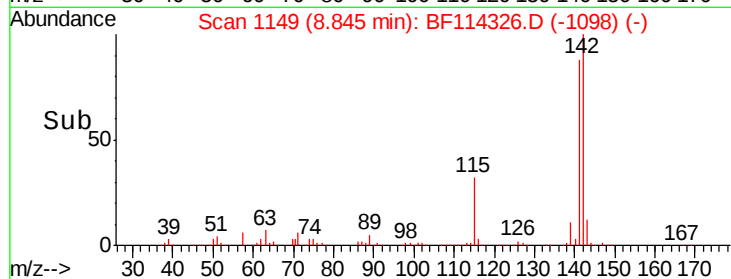
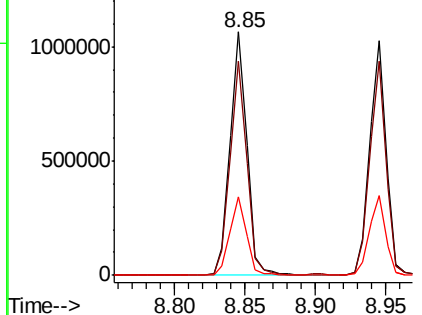


Abundance

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: 42.100 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

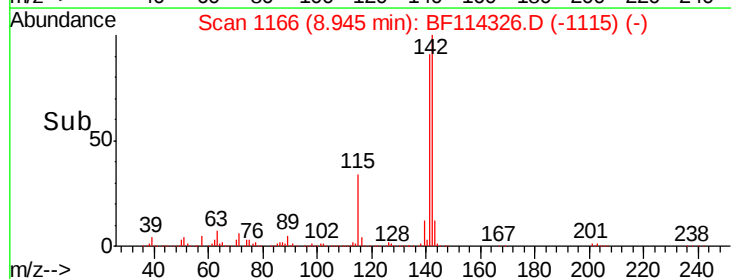
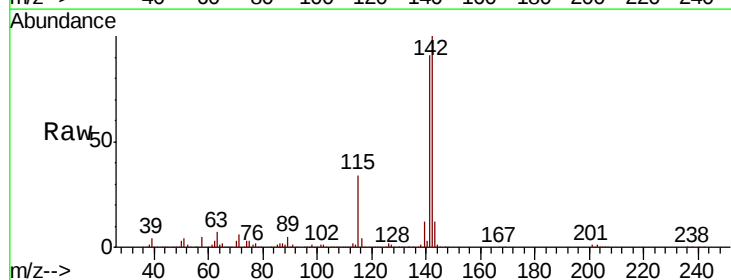
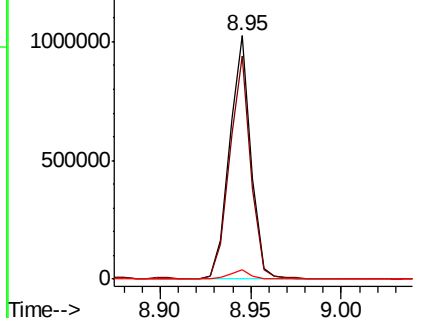
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.4	110.0
116	3.6	3.1	4.7

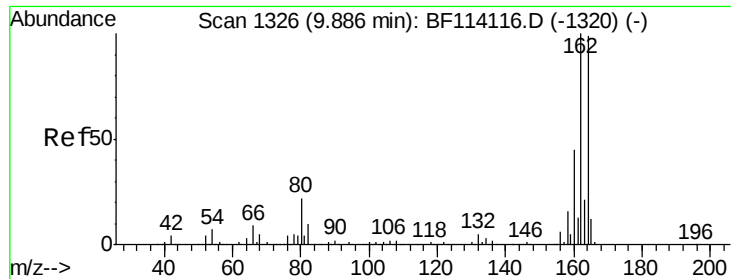
Abundance

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





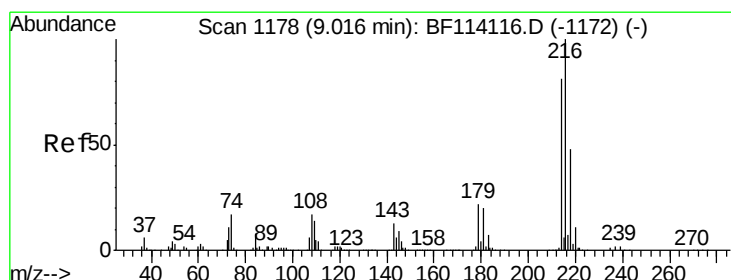
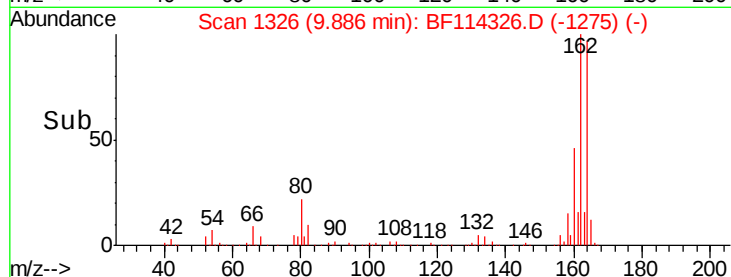
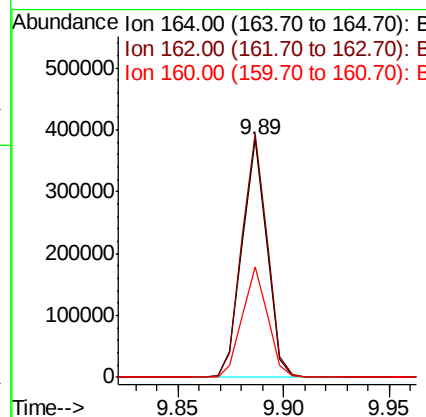
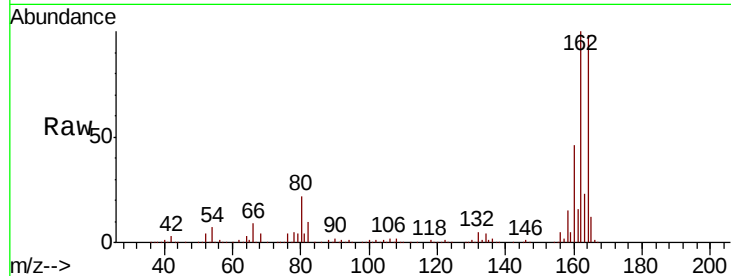
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	164	Resp:	311684
Ion Ratio	Lower	Upper	
164	100		
162	102.3	80.6	120.8
160	46.6	36.5	54.7

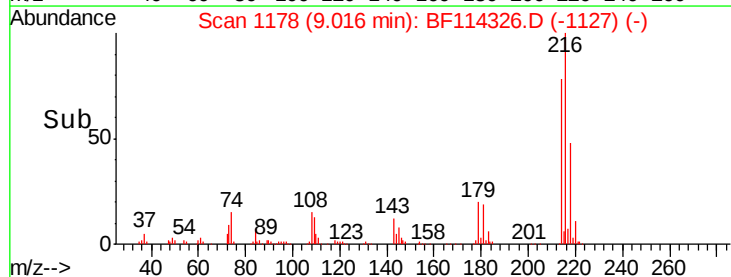
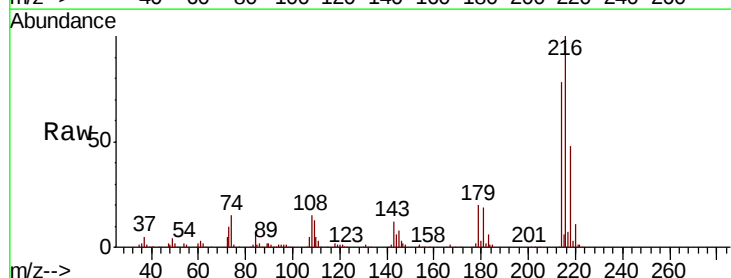
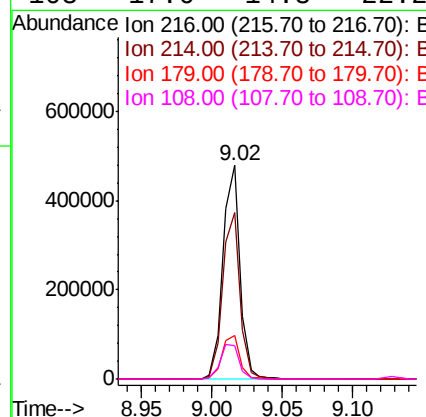
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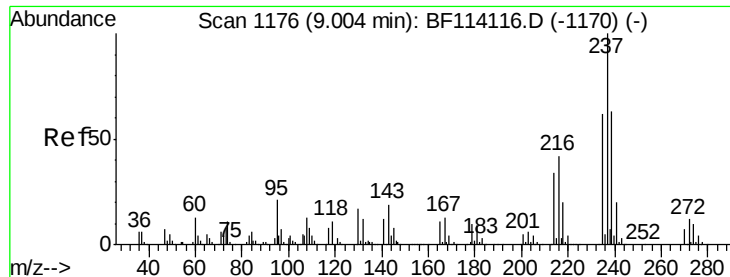
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.748 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion:	216	Resp:	403605
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.9	95.9
179	21.1	17.0	25.6
108	17.6	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 8.935 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF114326.D

Acq: 16 May 2019 23:45

Instrument :

BNA_F

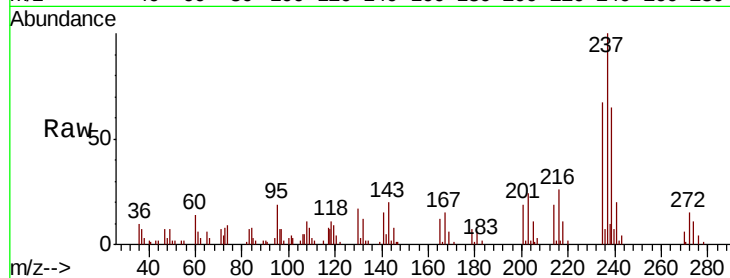
ClientSampleId :

SSTDCCC040

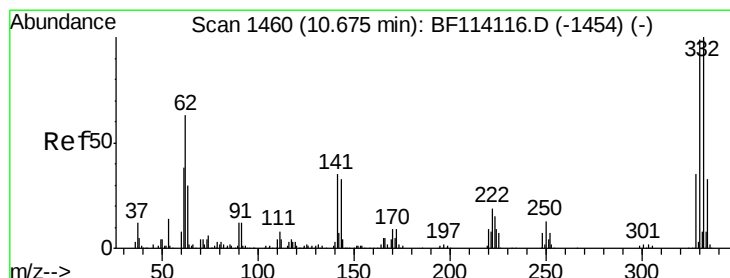
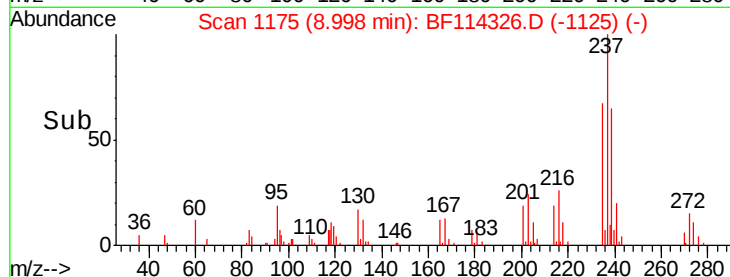
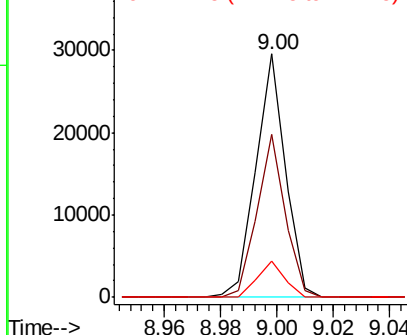
Tot Ion:	237	Resp:	21443
Ion Ratio	Lower	Upper	
237	100		
235	66.8	42.0	82.0
272	14.9	0.0	32.4

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 68.928 ng

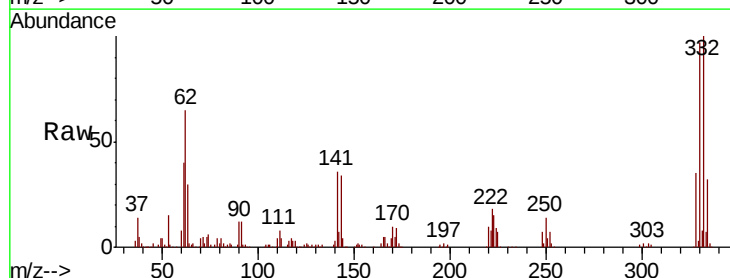
RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

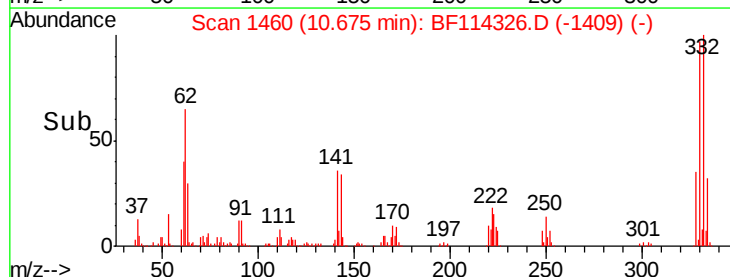
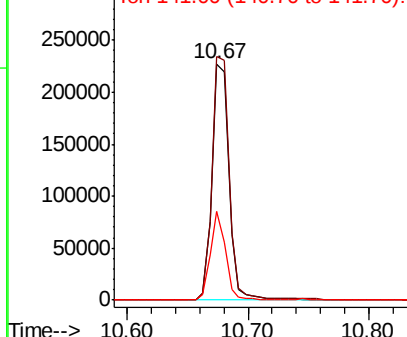
Lab File: BF114326.D

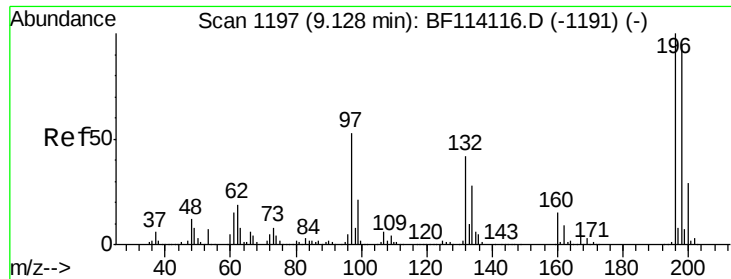
Acq: 16 May 2019 23:45

Tgt Ion:	330	Resp:	222107
Ion Ratio	Lower	Upper	
330	100		
332	103.6	81.4	122.2
141	33.3	26.6	40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





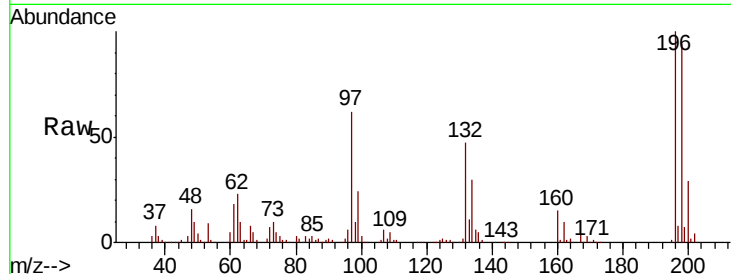
#43
2,4,6-Trichlorophenol
Concen: 40.842 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	265236		
198	94.3	75.9	113.9	
200	29.4	23.5	35.3	

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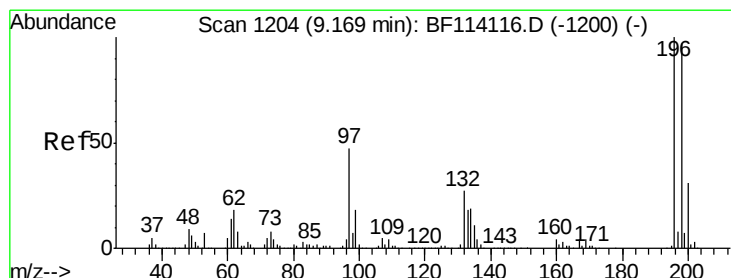
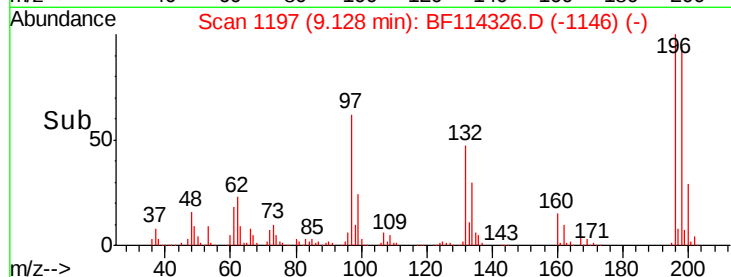
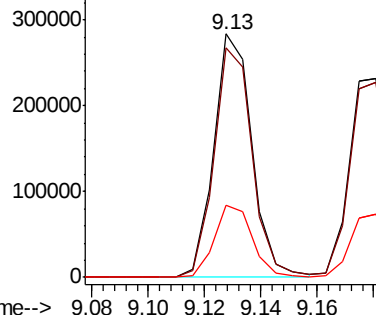


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 38.948 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	259396		
198	97.9	77.7	116.5	
97	47.5	38.2	57.2	
132	28.1	21.4	32.2	

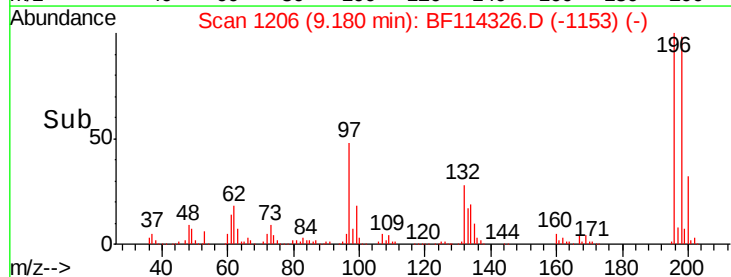
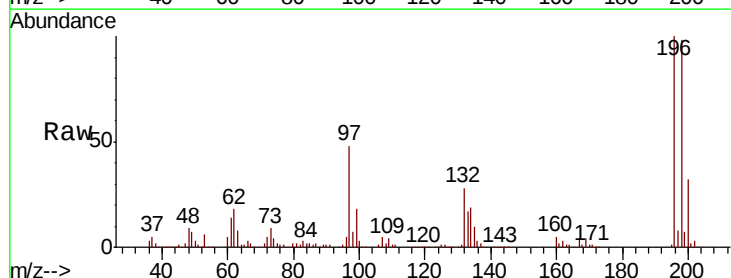
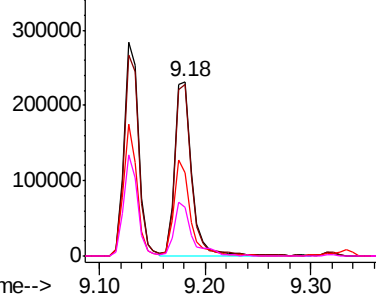
Abundance

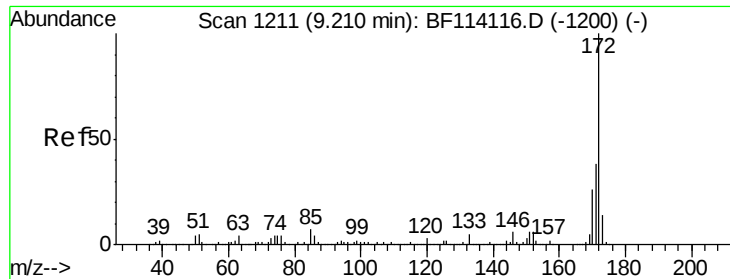
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





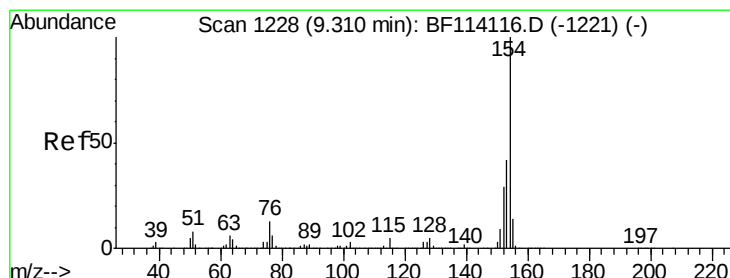
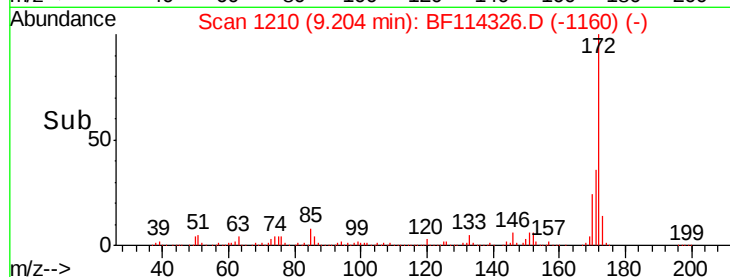
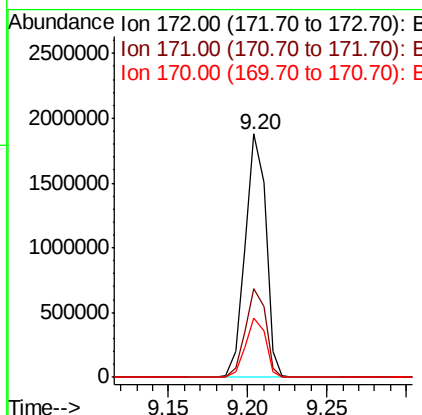
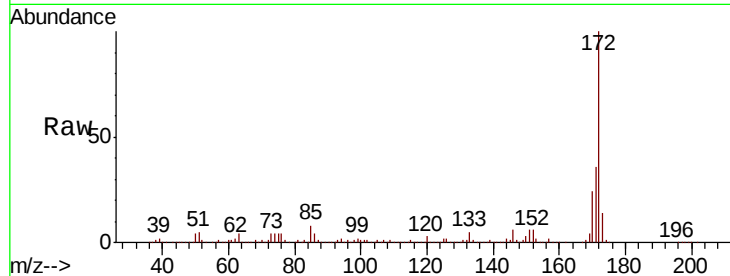
#45
2-Fluorobiphenyl
Concen: 82.542 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.7	46.1
170	24.1	20.5	30.7

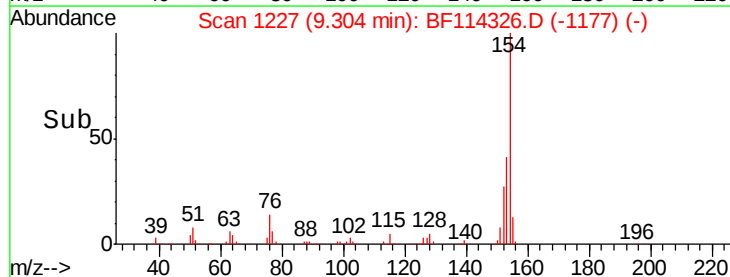
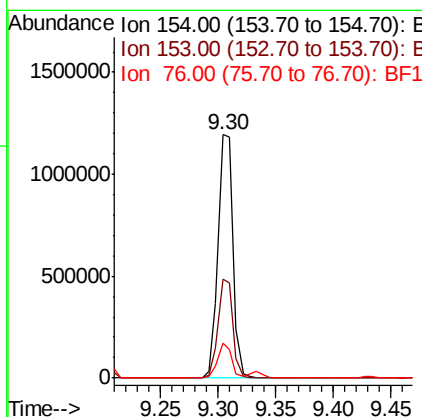
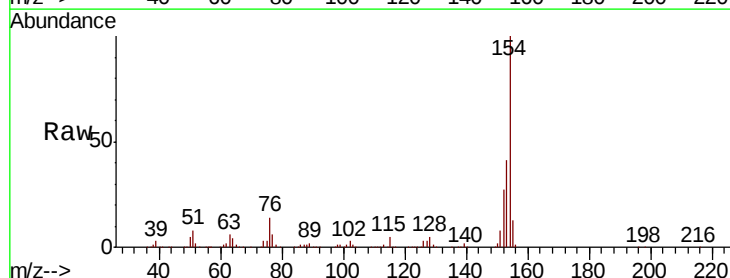
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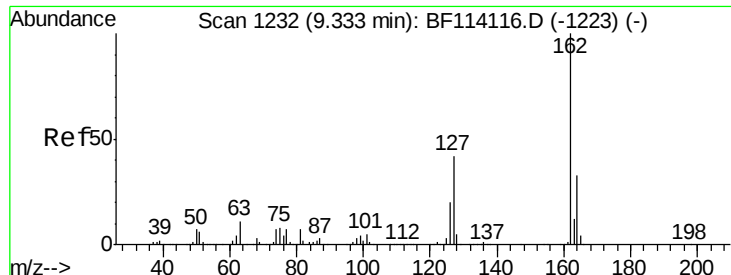
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#46
1,1'-Biphenyl
Concen: 42.906 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.9	61.9
76	14.1	0.0	32.8





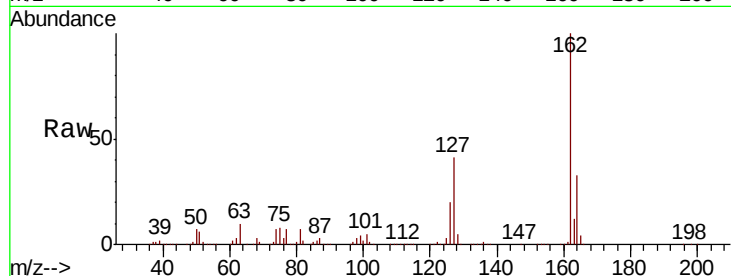
#47
 2-Chloronaphthalene
 Concen: 41.920 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF114326.D
 Acq: 16 May 2019 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

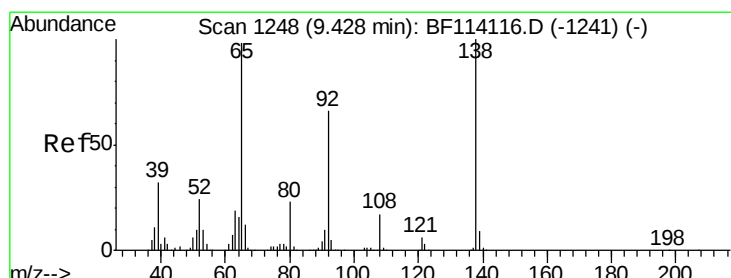
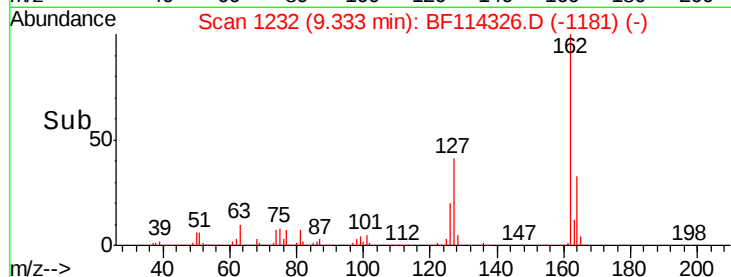
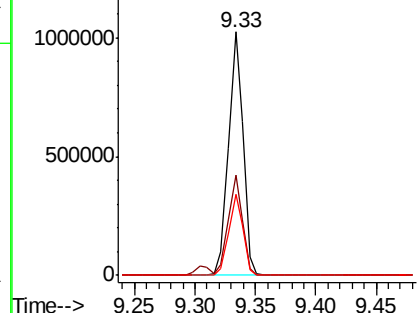
Tot Ion	Ratio	Resp	Lower	Upper
162	100	849496		
127	41.0		34.0	51.0
164	33.1		26.7	40.1

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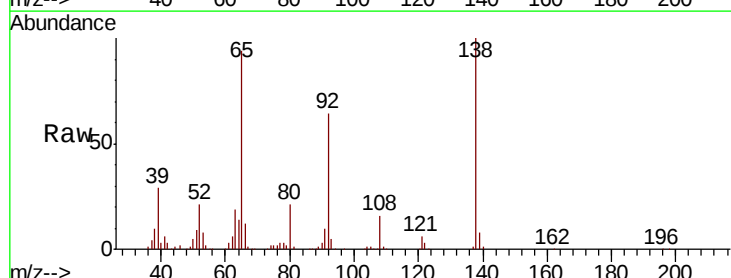


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

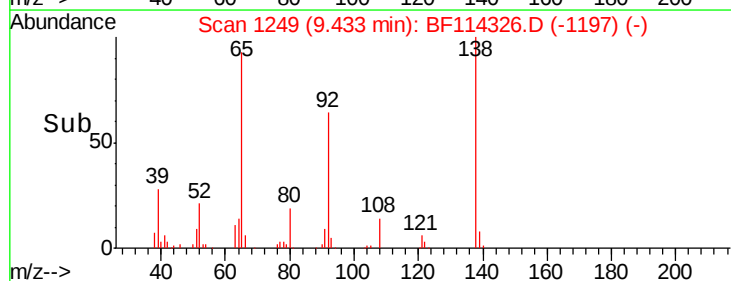
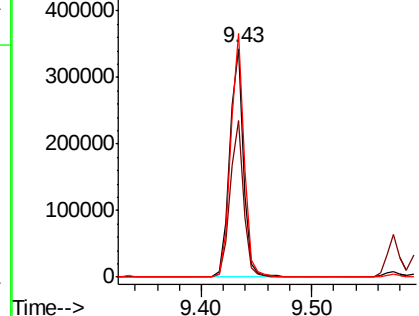


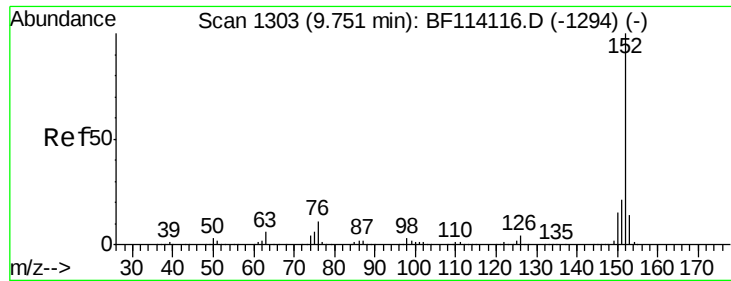
#48
 2-Nitroaniline
 Concen: 41.676 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF114326.D
 Acq: 16 May 2019 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	299517		
92	68.6		53.9	80.9
138	106.7		81.4	122.0



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





#49

Acenaphthylene

Concen: 41.982 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114326.D

Acq: 16 May 2019 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1293935

Ion Ratio Lower Upper

152 100

151 20.1 16.8 25.2

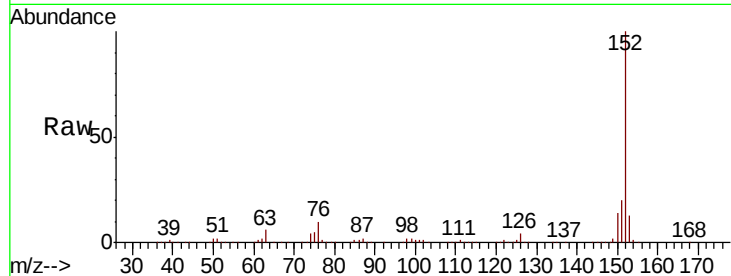
153 13.2 11.4 17.2

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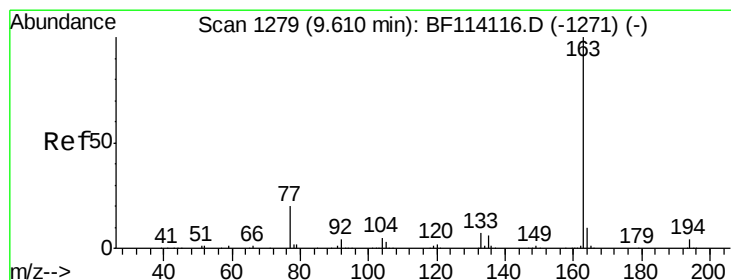
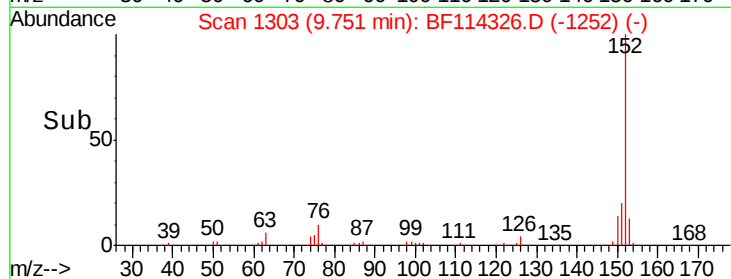
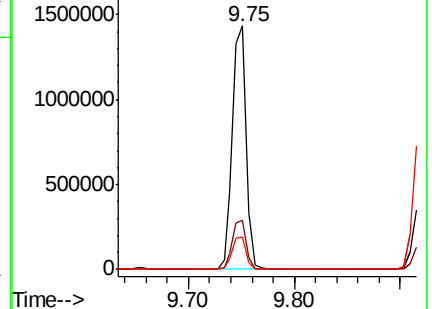
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.104 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF114326.D

Acq: 16 May 2019 23:45

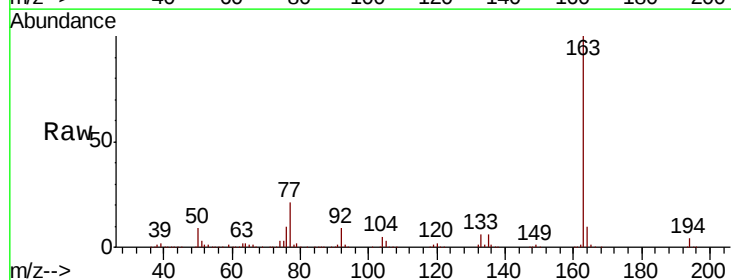
Tgt Ion:163 Resp: 963357

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

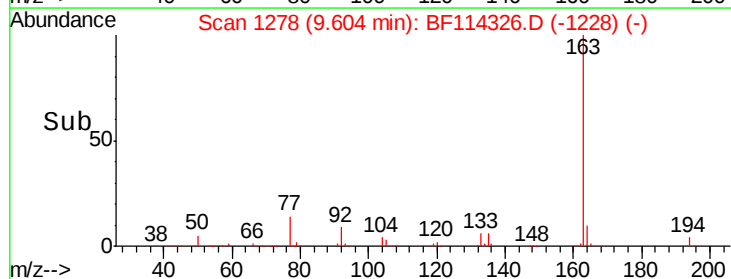
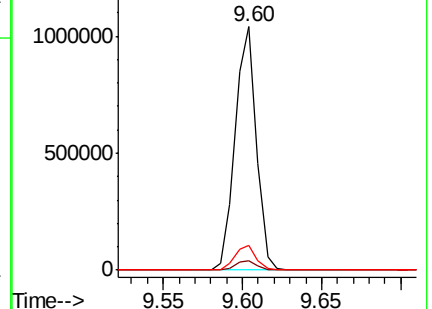
164 10.3 8.2 12.2



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: 41.180 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF114326.D

Acq: 16 May 2019 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 208986
Ion Ratio Lower Upper

165 100

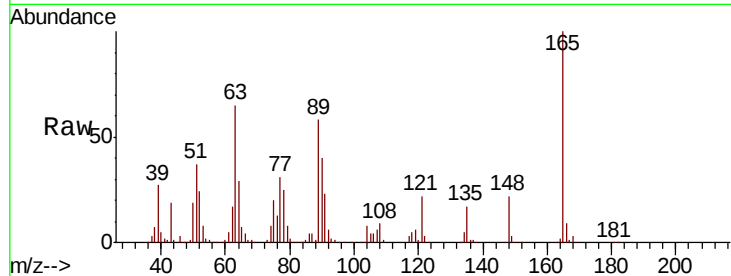
63 64.5 50.2 75.4

89 58.0 46.6 69.8

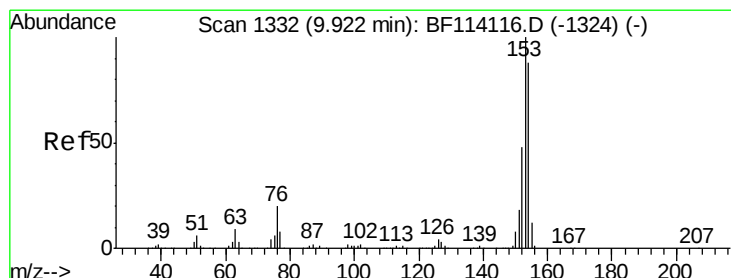
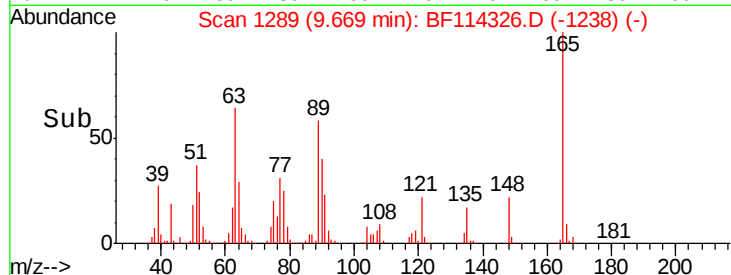
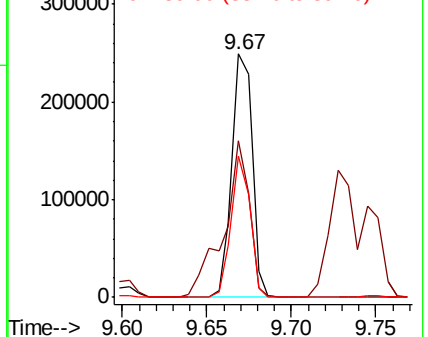
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.238 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF114326.D

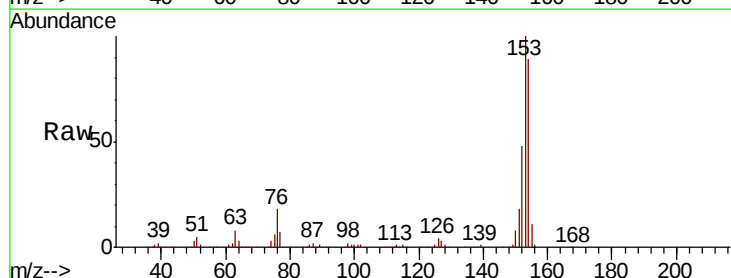
Acq: 16 May 2019 23:45

Tgt Ion:154 Resp: 761023
Ion Ratio Lower Upper

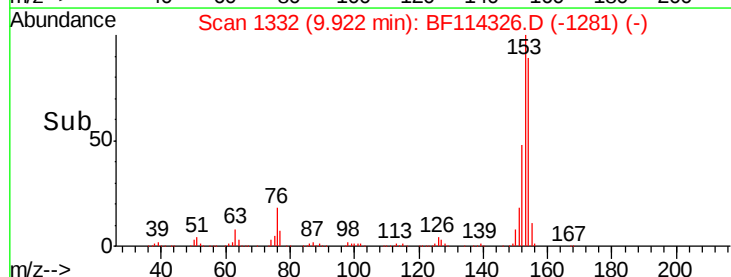
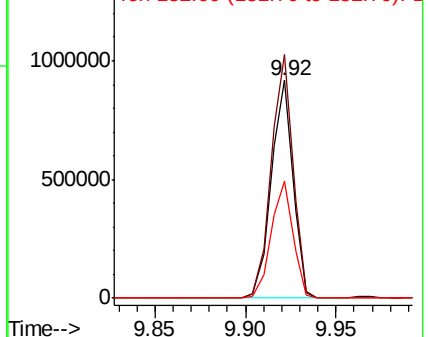
154 100

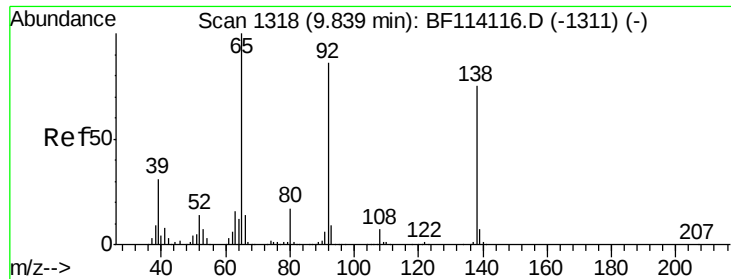
153 111.9 90.5 135.7

152 53.5 43.4 65.2



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





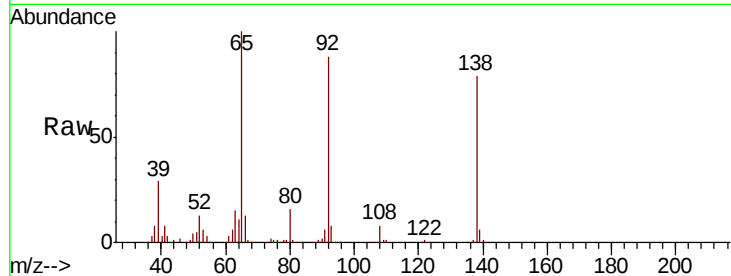
#53
3-Nitroaniline
Concen: 40.981 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.8	11.6
92	110.8	91.2	136.8

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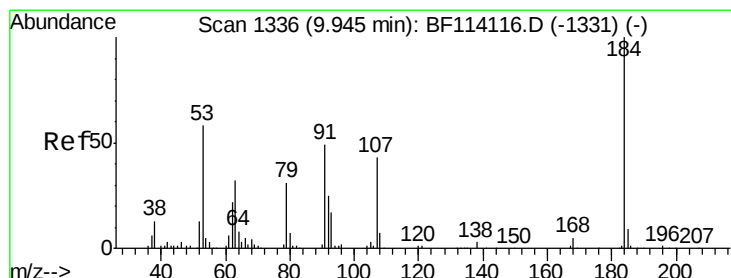
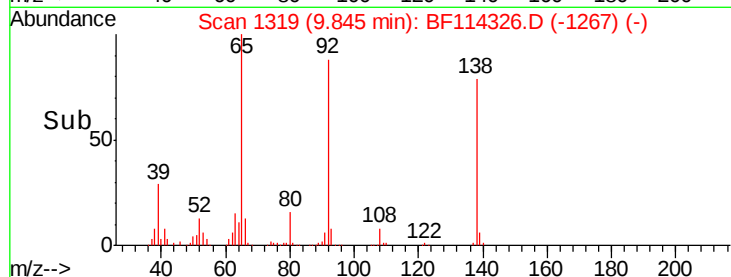
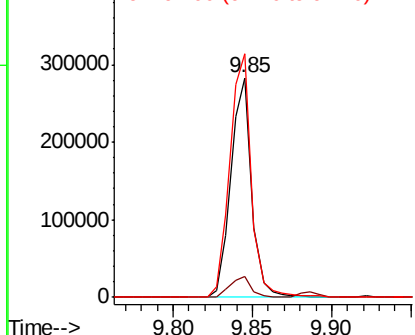


Abundance

Ion 138.00 (137.70 to 138.70): E

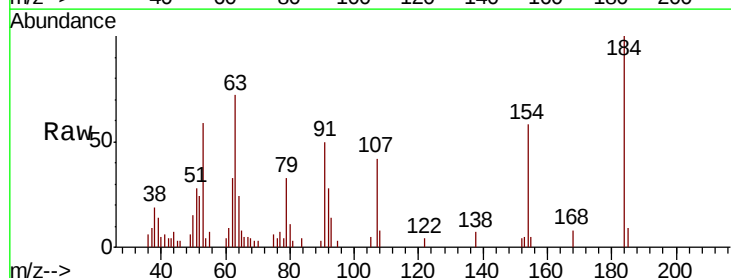
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 13.567 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.02 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.7	55.6	83.4
154	58.2	46.0	69.0

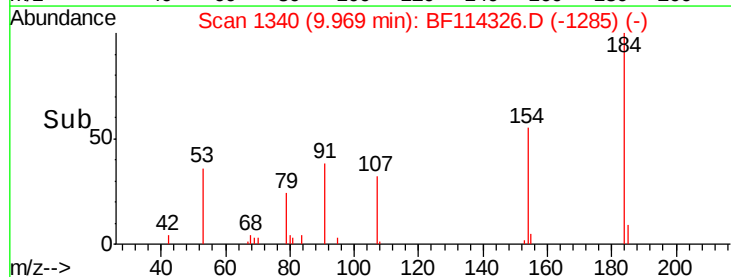
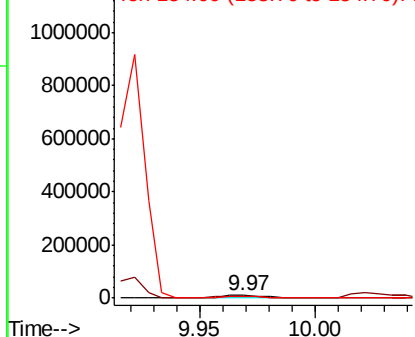


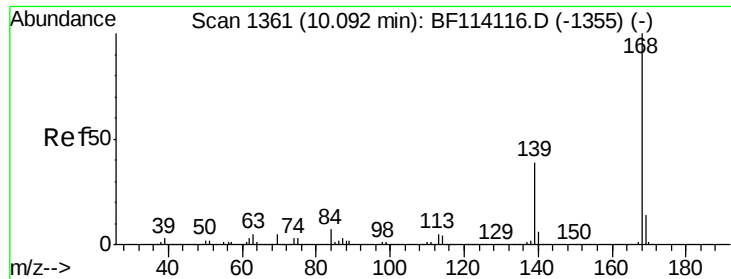
Abundance

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

Dibenzenofuran

Concen: 39.931 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BF114326.D

Acq: 16 May 2019 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 1107405

Ion Ratio Lower Upper

168 100

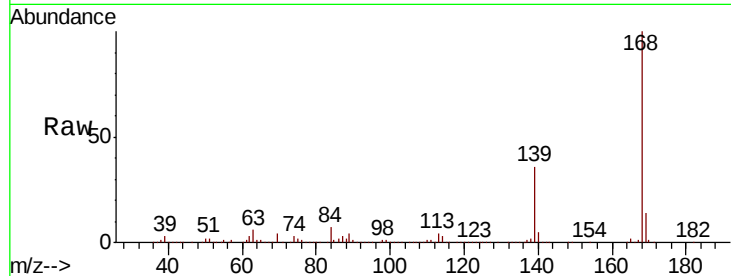
139 35.7 31.1 46.7

169 13.7 11.4 17.0

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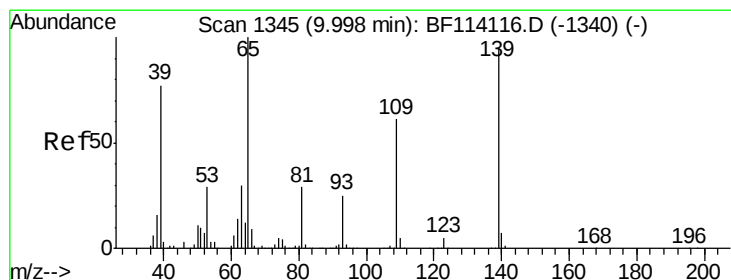
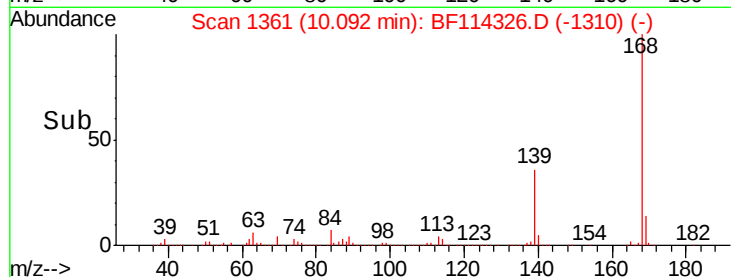
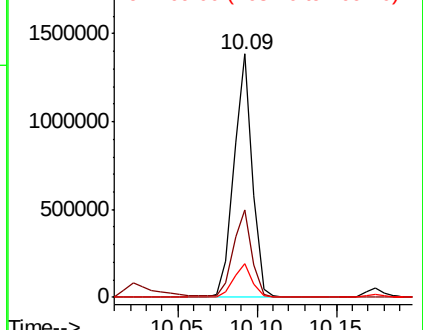
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 25.137 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.02 min

Lab File: BF114326.D

Acq: 16 May 2019 23:45

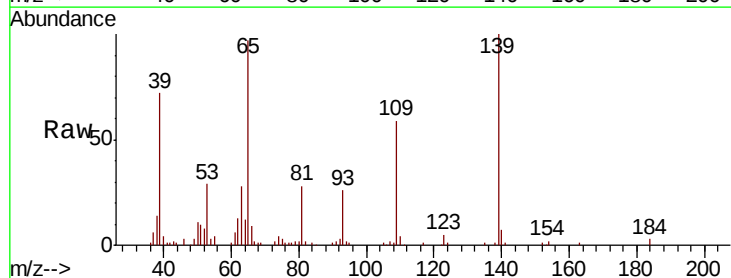
Tgt Ion:139 Resp: 111989

Ion Ratio Lower Upper

139 100

109 59.5 43.9 83.9

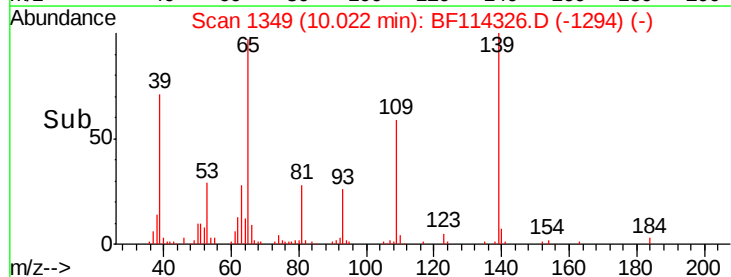
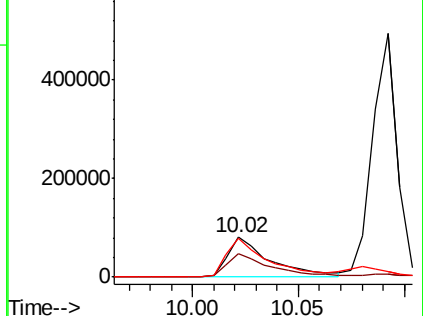
65 96.7 85.7 125.7

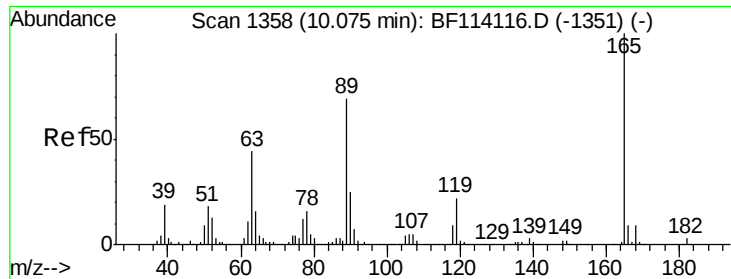


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





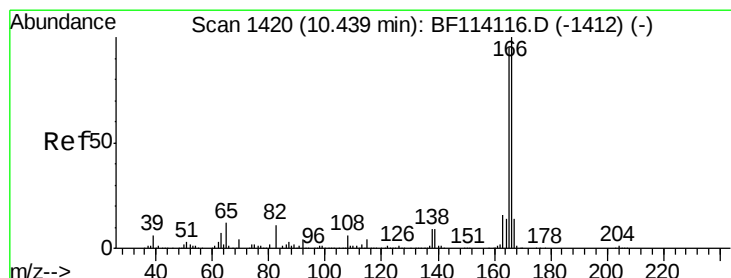
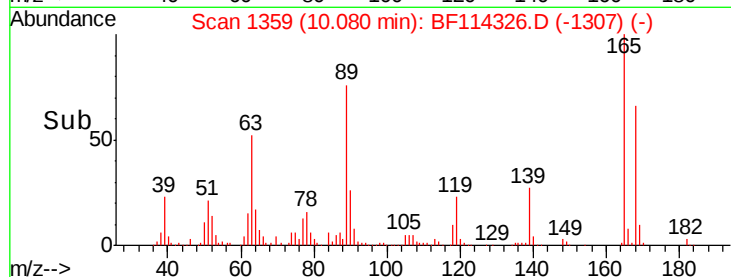
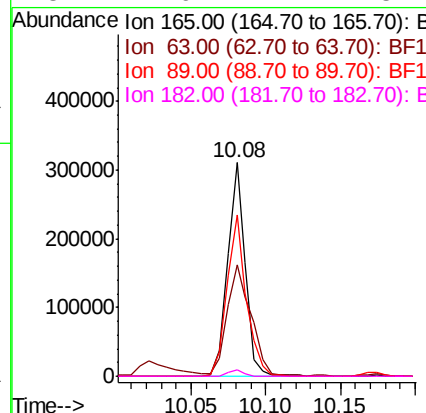
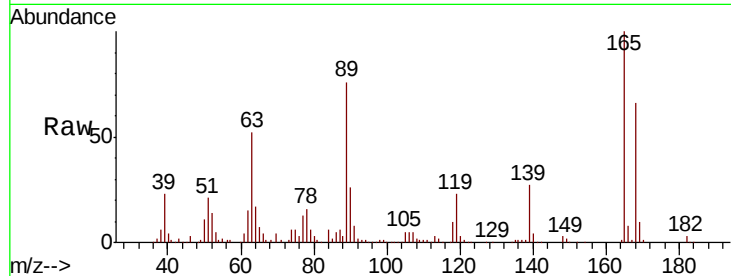
#57
2,4-Dinitrotoluene
Concen: 37.633 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		259222		
63	51.9	35.5	53.3		
89	75.8	55.2	82.8		
182	2.9	2.2	3.2		

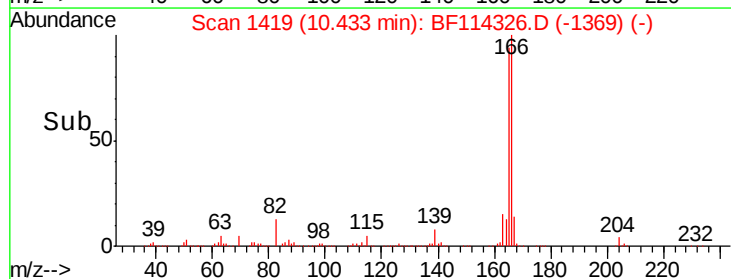
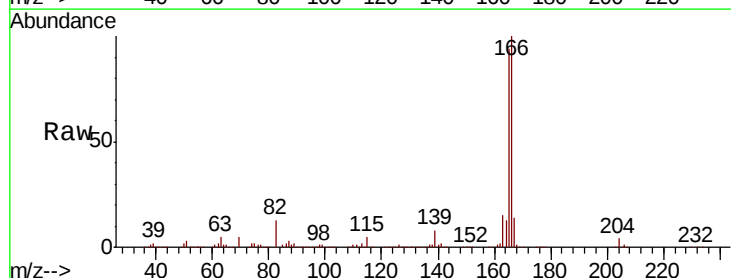
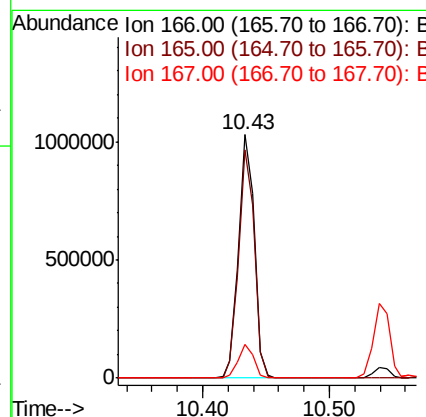
Manual Integrations
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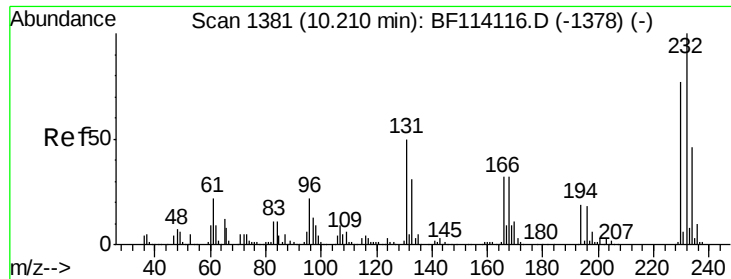
mohammad
5/17/2019 3:03:47 PM



#58
Fluorene
Concen: 40.933 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		876851		
165	93.7	76.1	114.1		
167	13.8	11.1	16.7		





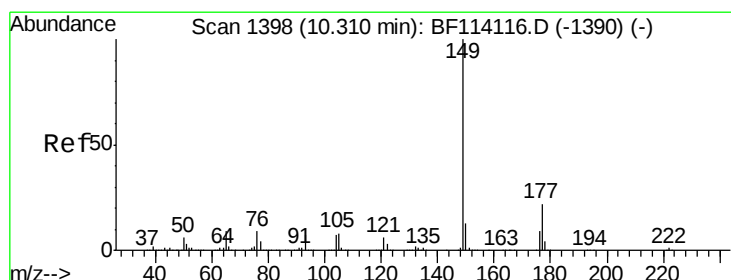
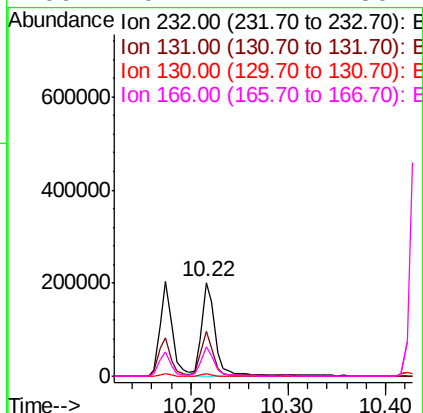
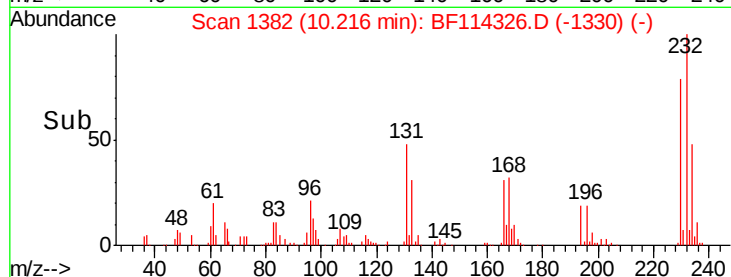
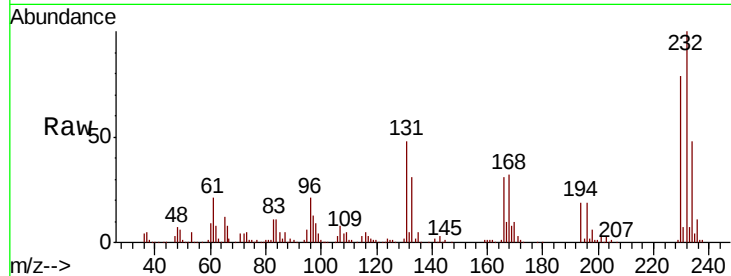
#59
2,3,4,6-Tetrachlorophenol
Concen: 34.255 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	196851		
131	43.6		35.6	53.4
130	2.1		1.6	2.4
166	29.4		24.1	36.1

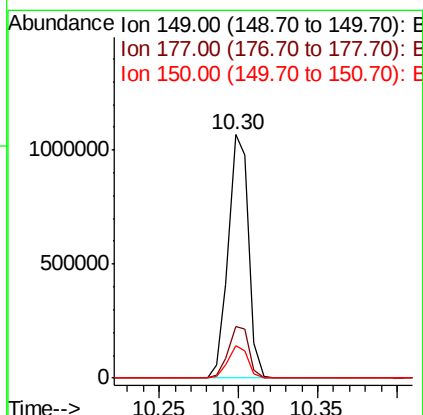
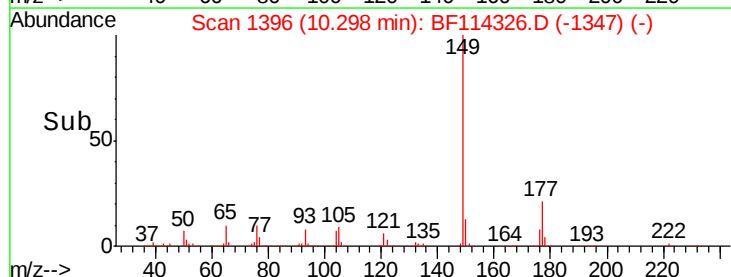
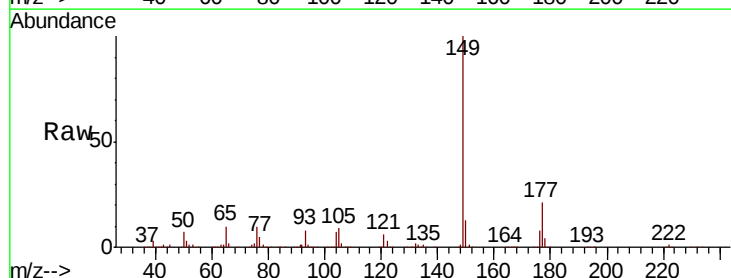
Manual Integrations
APPROVED

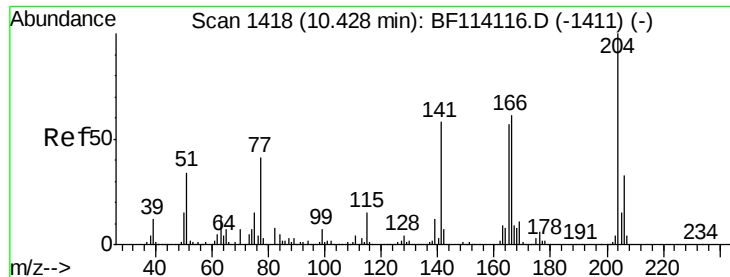
mohammad
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#60
Diethylphthalate
Concen: 40.798 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	948482		
177	21.1		17.8	26.6
150	13.2		10.2	15.2





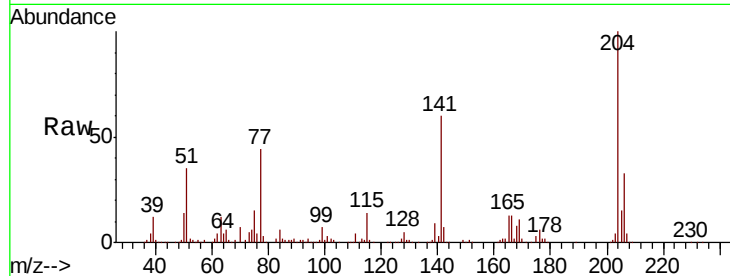
#61
4-Chlorophenyl-phenylether
Concen: 41.349 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	59.6	46.4	69.6

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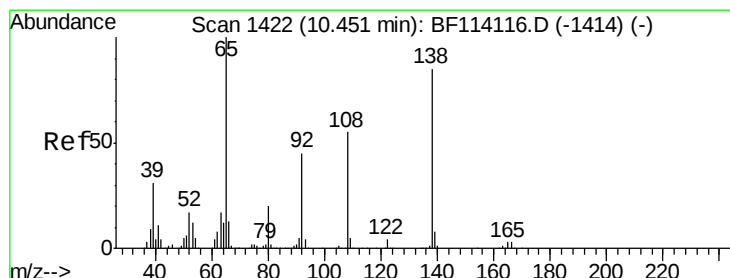
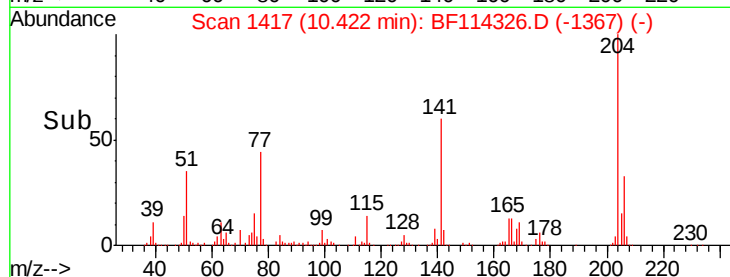
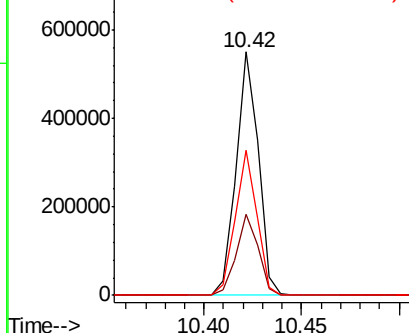


Abundance

Ion 204.00 (203.70 to 204.70): E

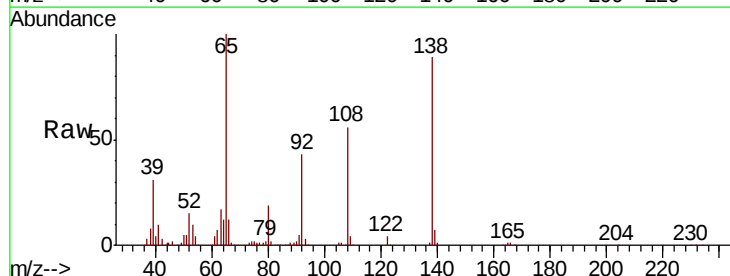
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.816 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.3	33.0	73.0
108	63.3	44.9	84.9

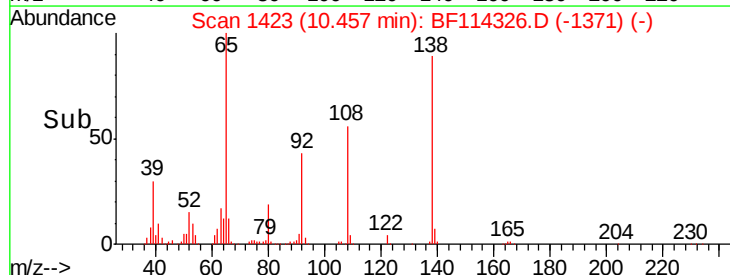
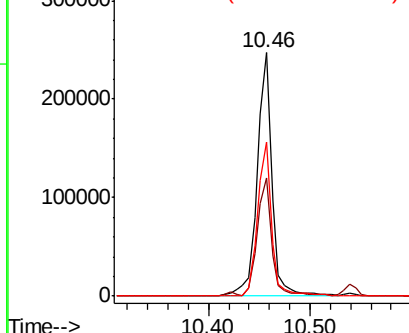


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





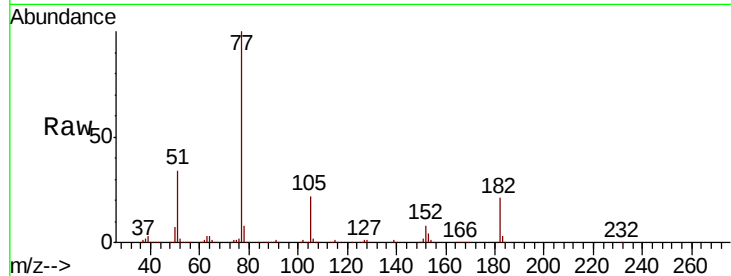
#63
Azobenzene
Concen: 40.316 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

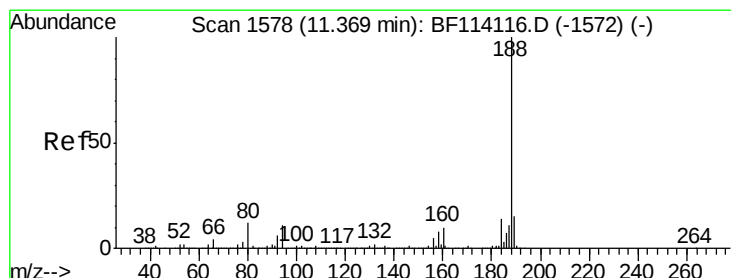
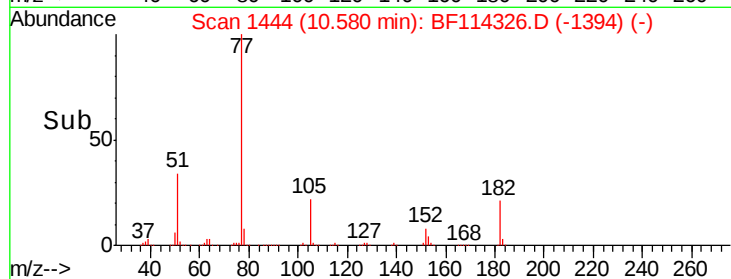
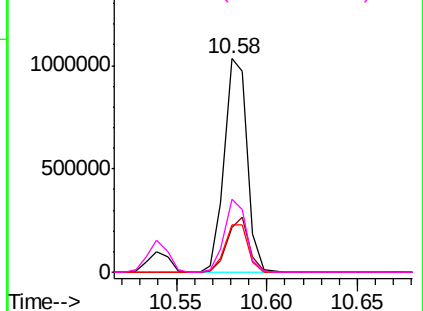
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	20.9	4.7	44.7	
105	22.3	2.9	42.9	
51	34.3	14.6	54.6	

Manual Integrations
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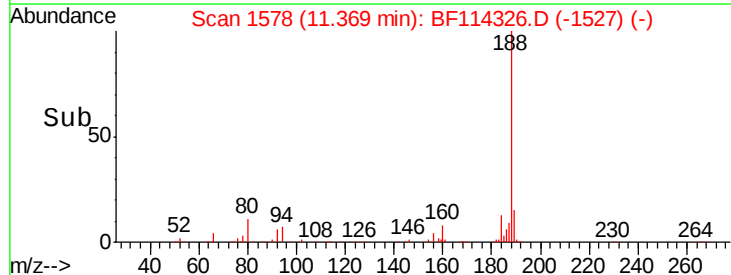
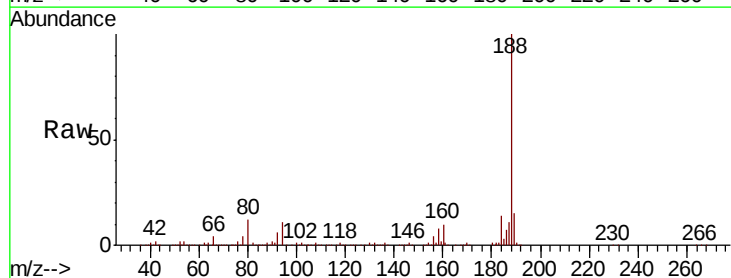
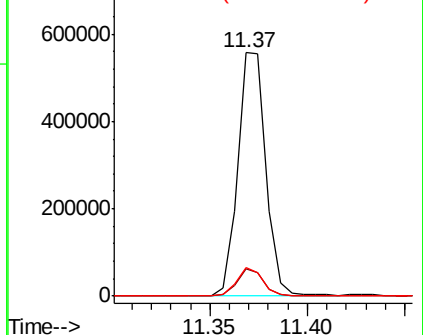
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

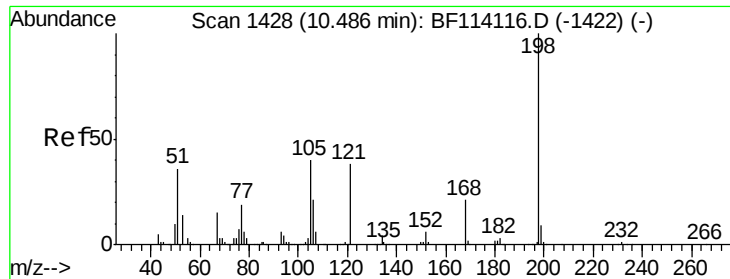


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.4	8.4	12.6	
80	11.8	9.2	13.8	

Abundance Ion 188.00 (187.70 to 188.70): E
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: 16.657 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF114326.D

Acq: 16 May 2019 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 44397

Ion Ratio Lower Upper

198 100

51 63.0 28.0 68.0

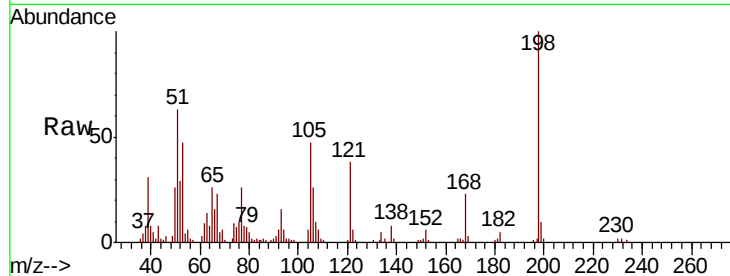
105 46.8 21.1 61.1

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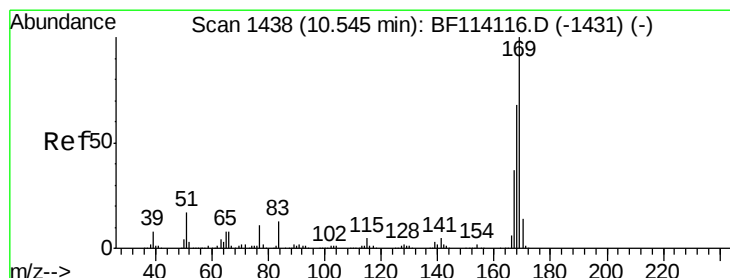
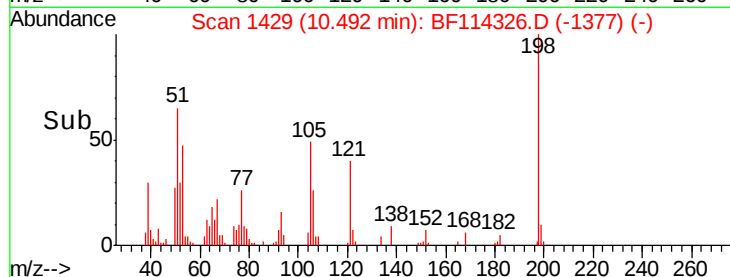
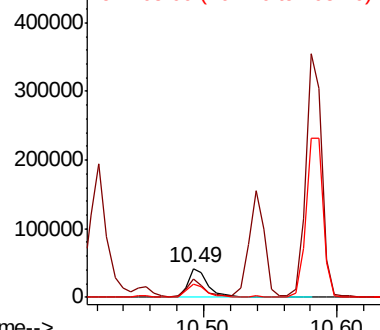
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.919 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF114326.D

Acq: 16 May 2019 23:45

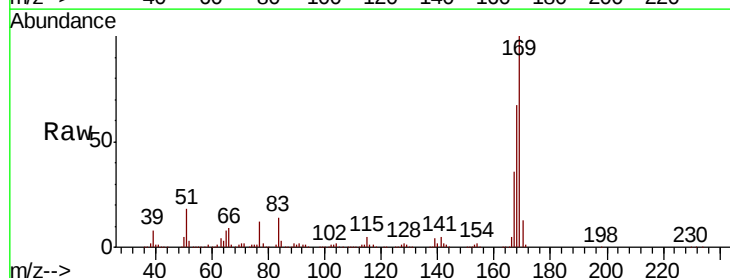
Tgt Ion:169 Resp: 773064

Ion Ratio Lower Upper

169 100

168 66.9 54.2 81.2

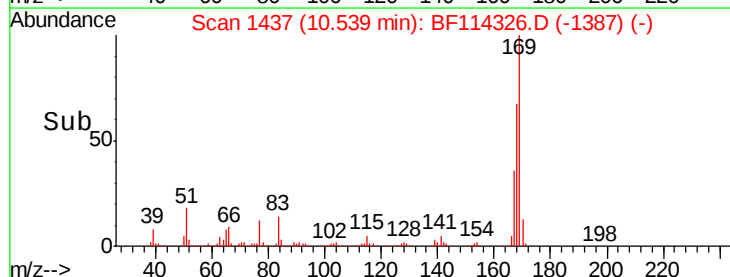
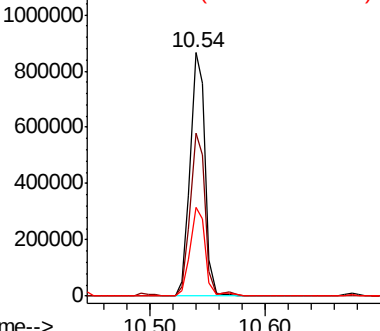
167 36.2 29.8 44.8

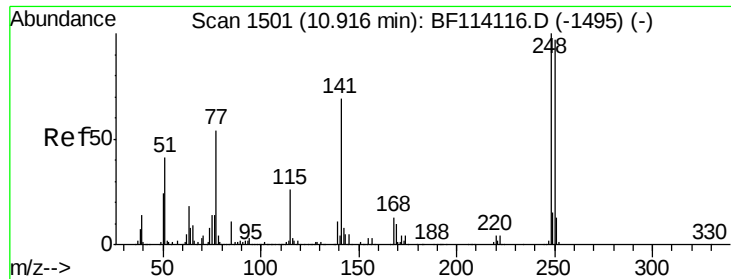


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





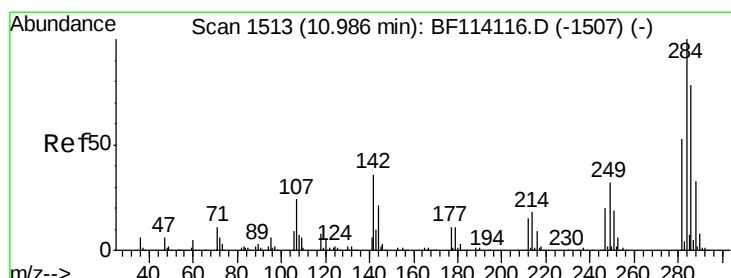
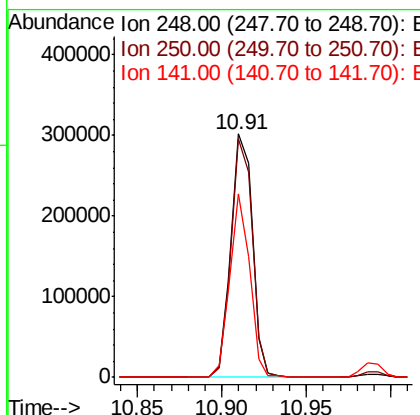
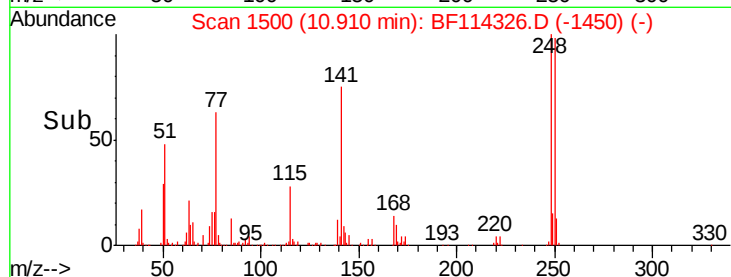
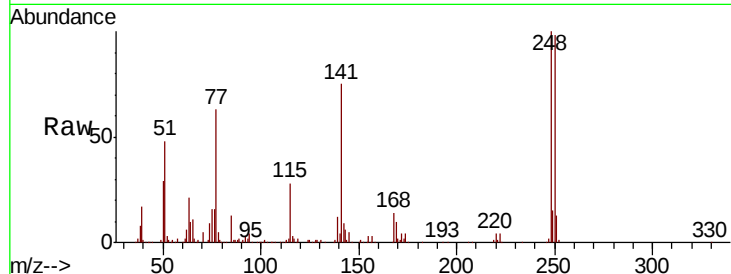
#67
4-Bromophenyl-phenylether
Concen: 43.748 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.4	116.2
141	75.1	55.6	83.4

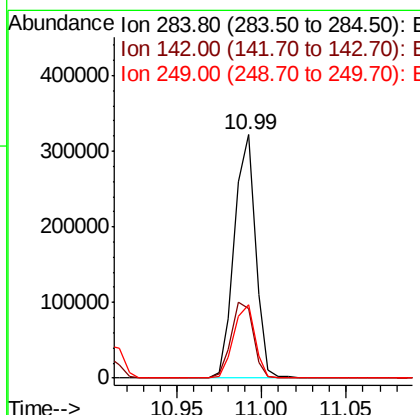
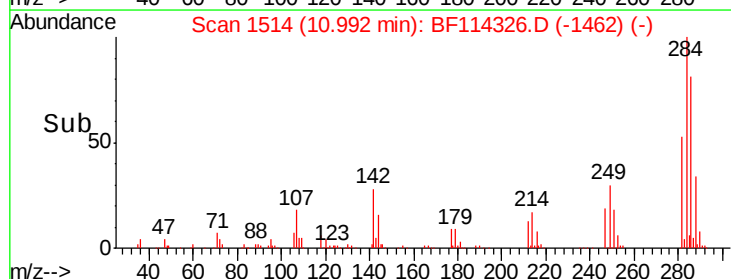
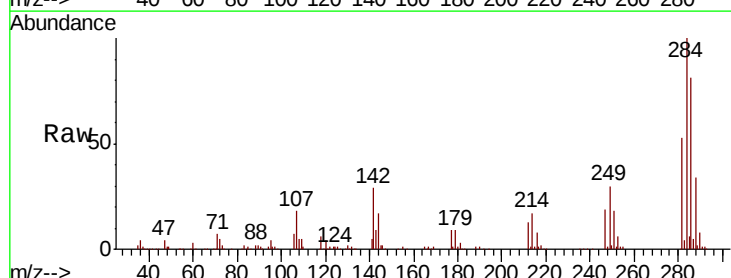
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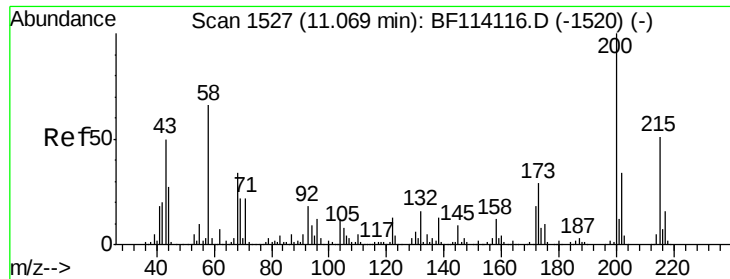
mohammad
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#68
Hexachlorobenzene
Concen: 41.503 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	28.4	42.6
249	30.2	25.2	37.8





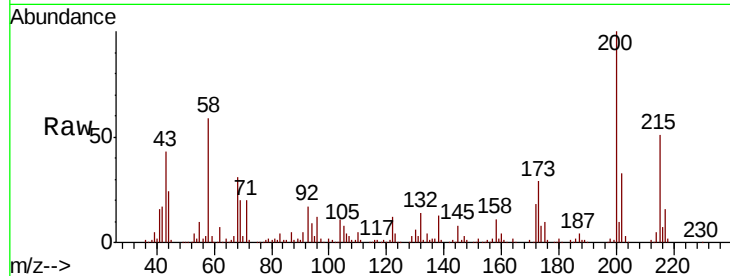
#69
Atrazine
Concen: 42.737 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.2	8.9	48.9
215	51.0	30.7	70.7

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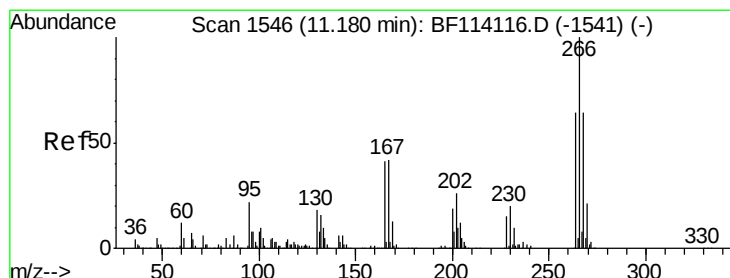
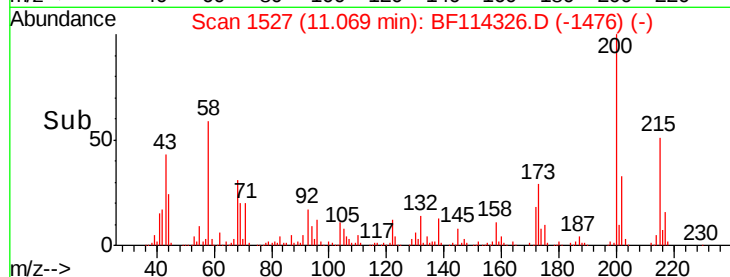
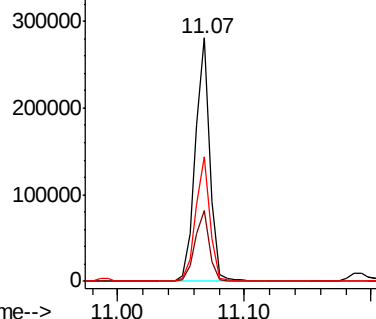


Abundance

Ion 200.00 (199.70 to 200.70): E

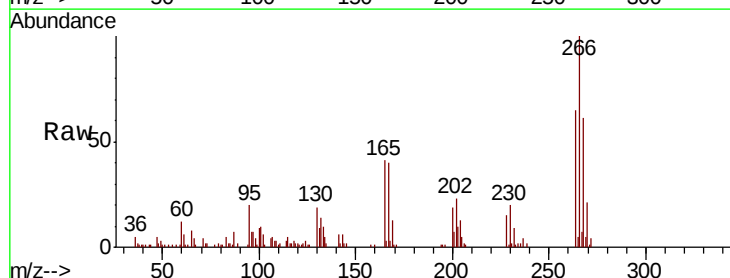
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 25.334 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.6	51.1	76.7
264	64.8	51.1	76.7

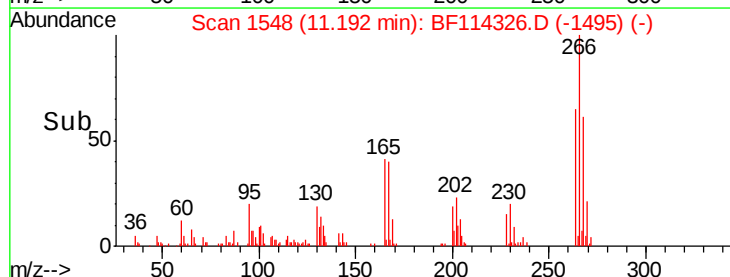
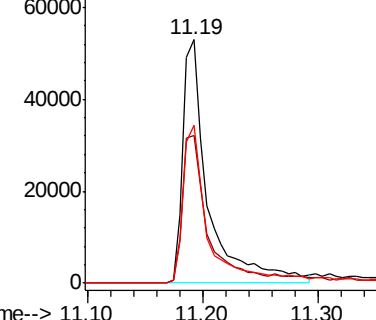


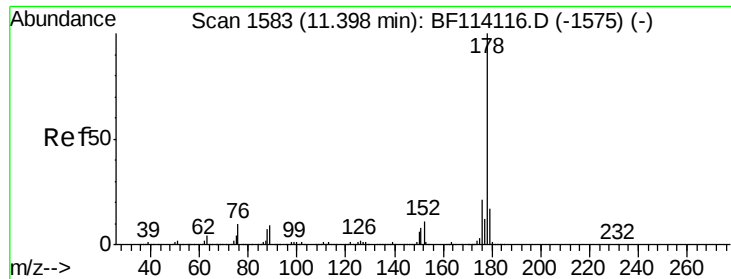
Abundance

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





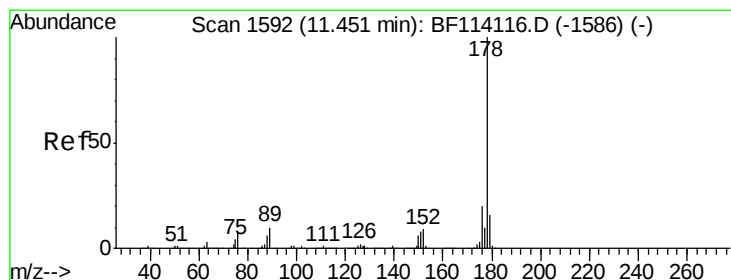
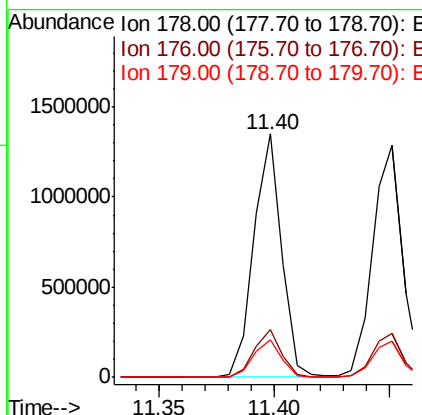
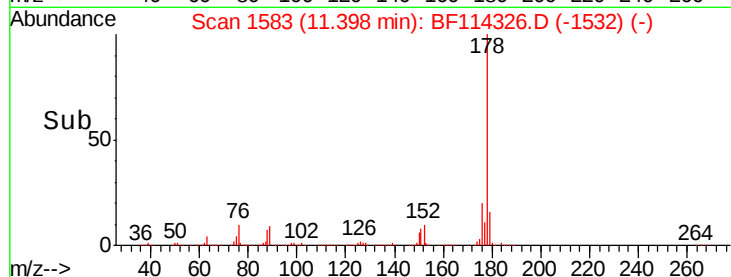
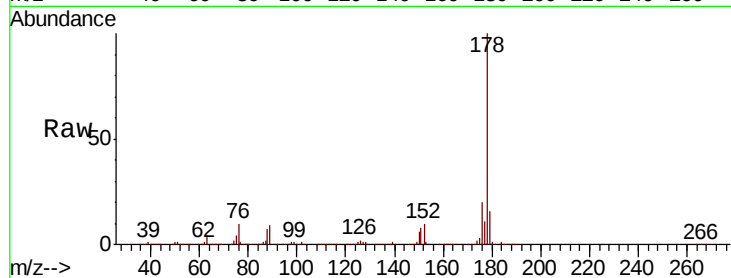
#71
Phenanthrene
Concen: 42.292 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.4	24.6
179	15.6	13.2	19.8

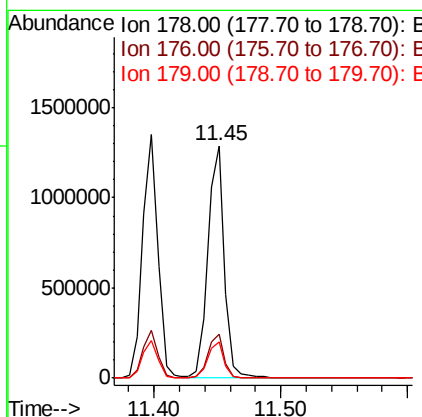
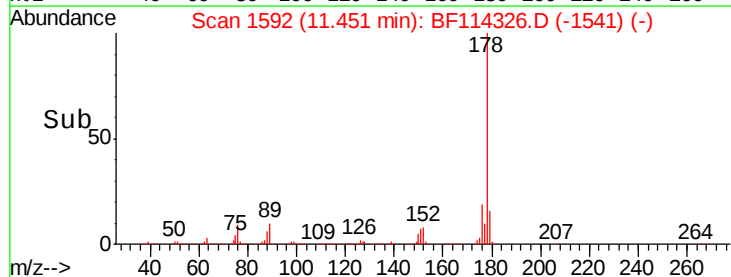
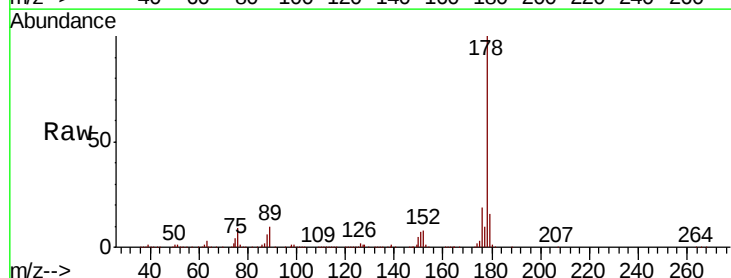
Manual Integrations
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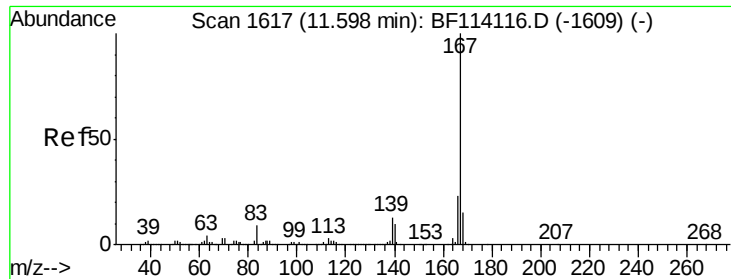
mohammad
5/17/2019 3:03:47 PM



#72
Anthracene
Concen: 43.137 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.7	13.0	19.4





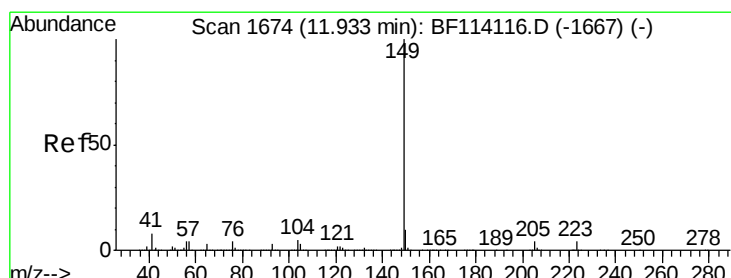
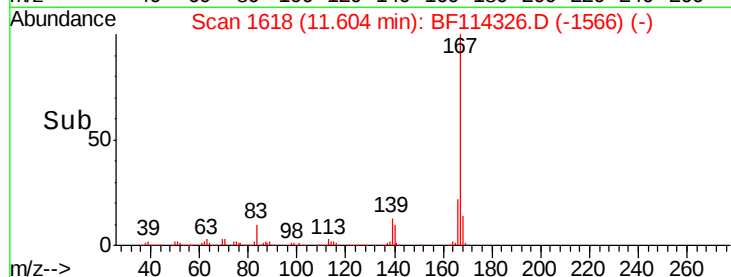
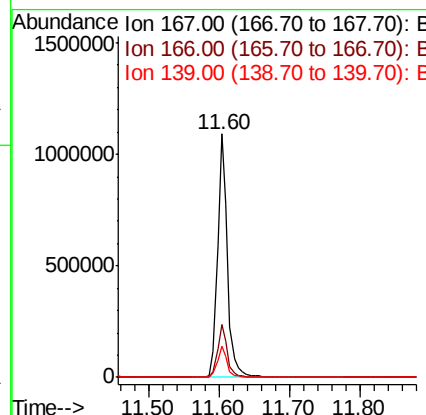
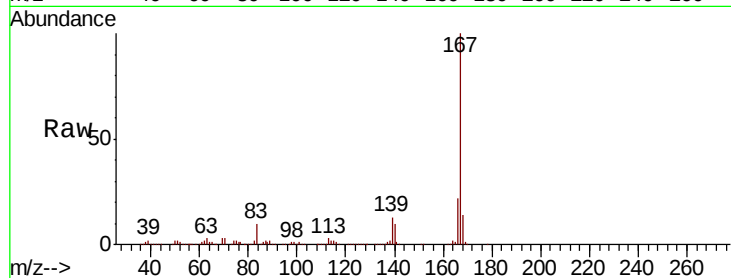
#73
 Carbazole
 Concen: 41.332 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114326.D
 Acq: 16 May 2019 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.2	27.2
139	12.7	10.6	16.0

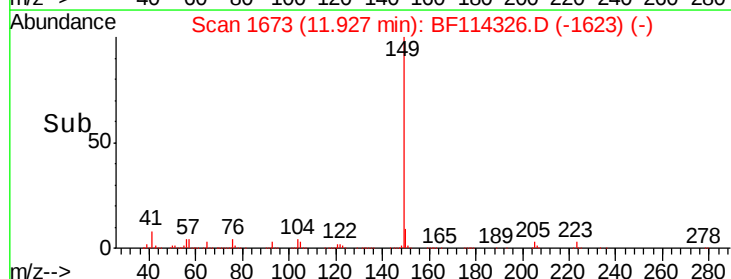
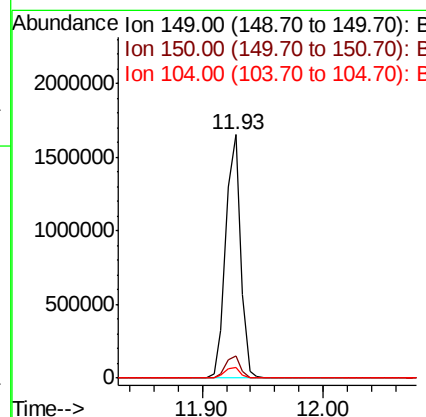
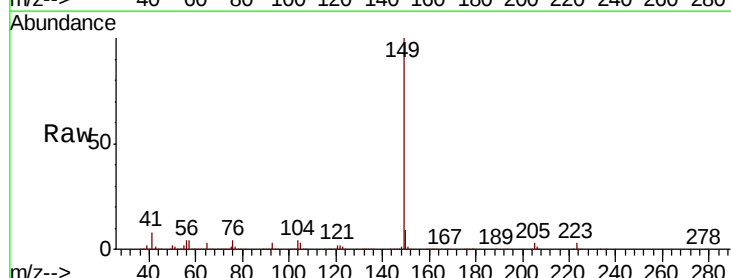
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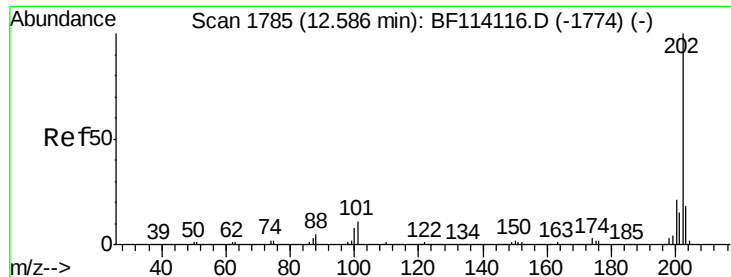
mohammad
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#74
 Di-n-butylphthalate
 Concen: 46.671 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF114326.D
 Acq: 16 May 2019 23:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.3	3.6	5.4





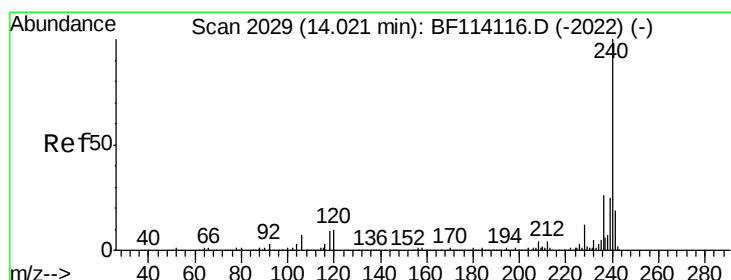
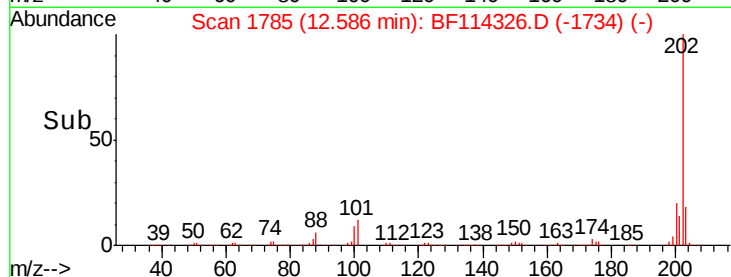
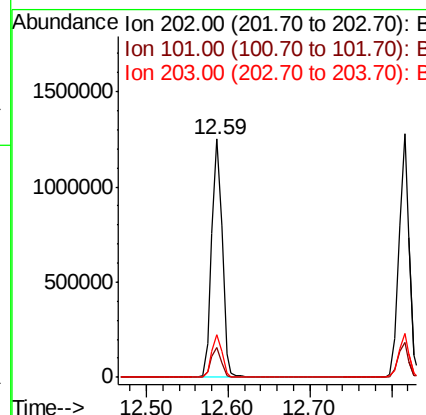
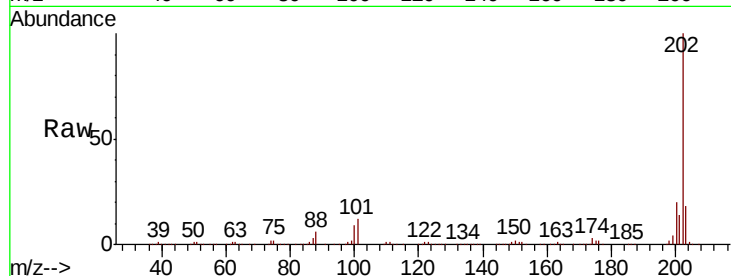
#75
Fluoranthene
Concen: 38.624 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1122476		
101	12.4	0.0	31.0	
203	18.1	0.0	38.4	

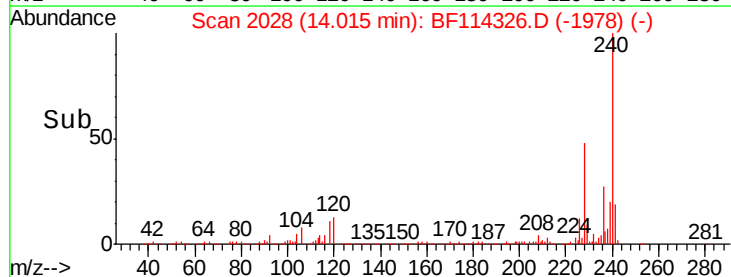
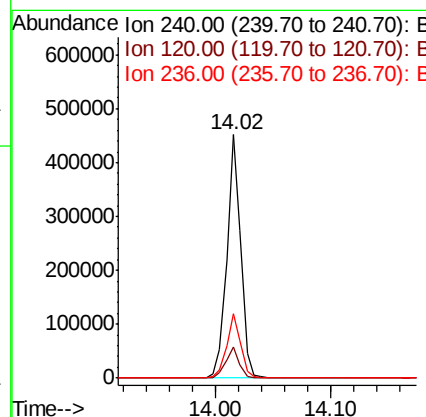
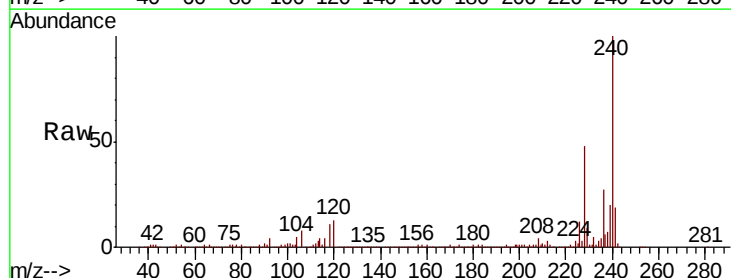
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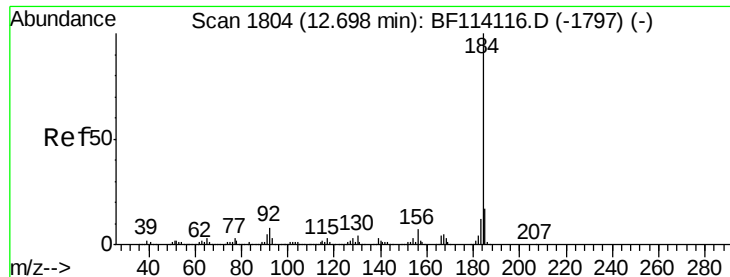
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	376975		
120	13.0	8.3	12.5#	
236	26.6	20.8	31.2	





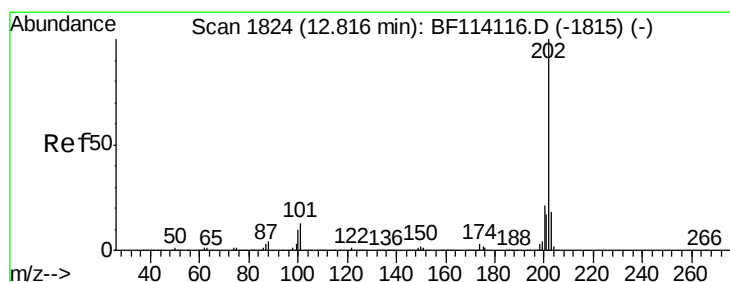
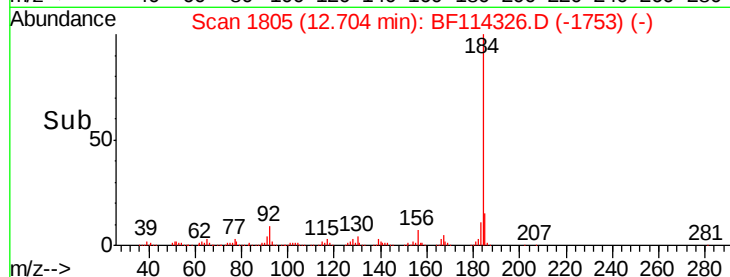
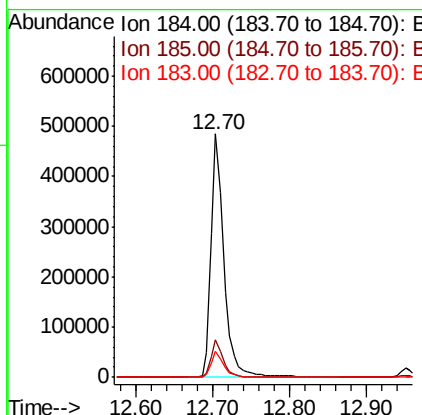
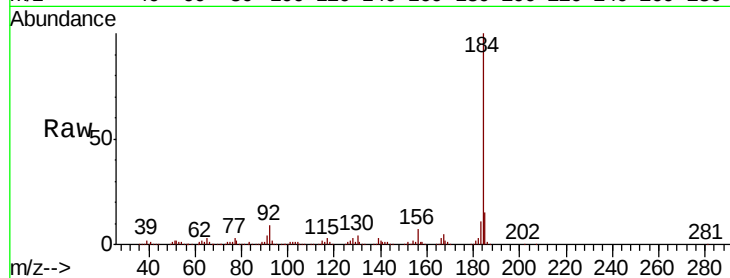
#77
Benzidine
Concen: 33.100 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.6	20.4
183	10.9	9.2	13.8

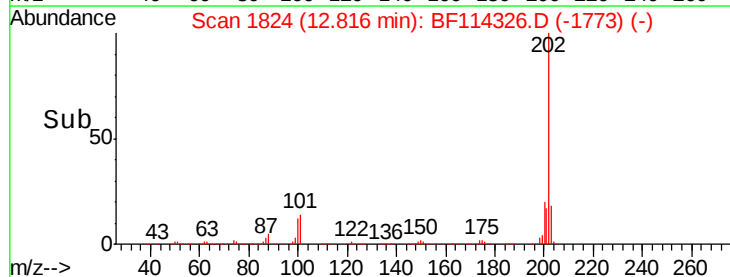
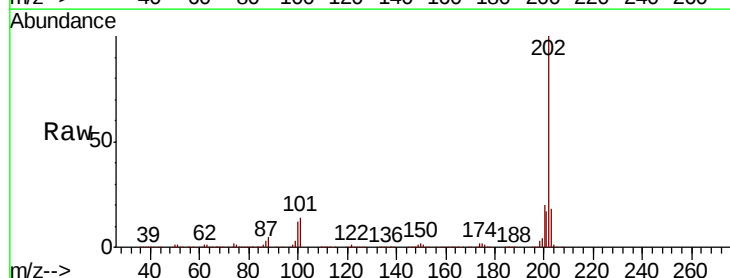
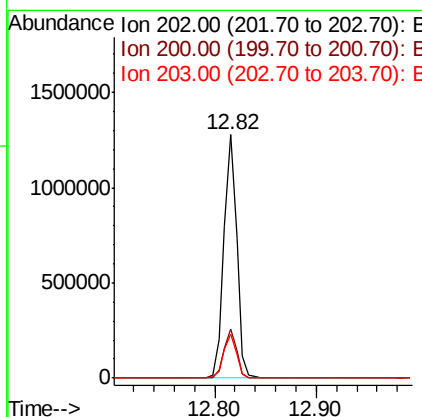
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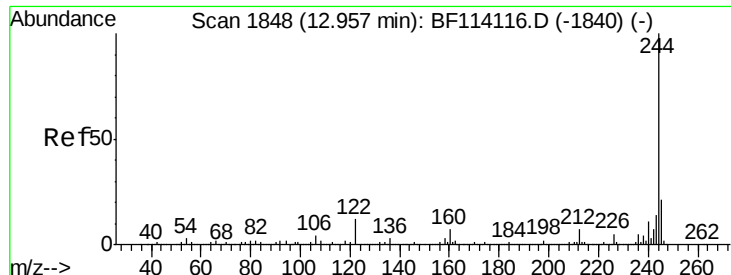
mohammad
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#78
Pyrene
Concen: 37.037 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.9	25.3
203	17.9	14.5	21.7





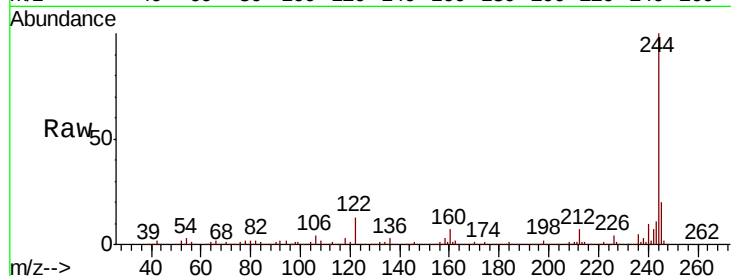
#79
 Terphenyl-d14
 Concen: 78.682 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114326.D
 Acq: 16 May 2019 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	13.3	9.4	14.2

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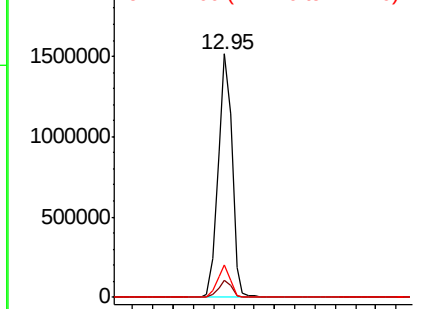


Abundance

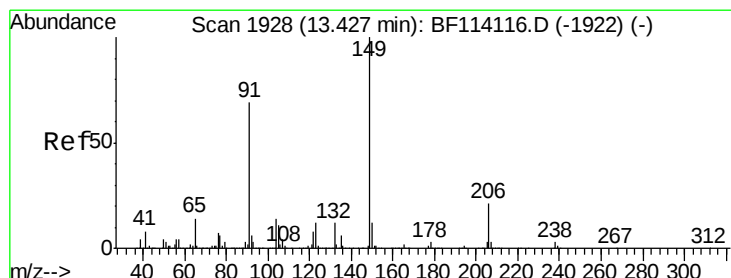
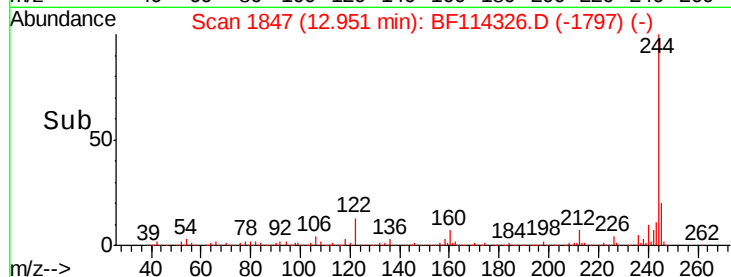
Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

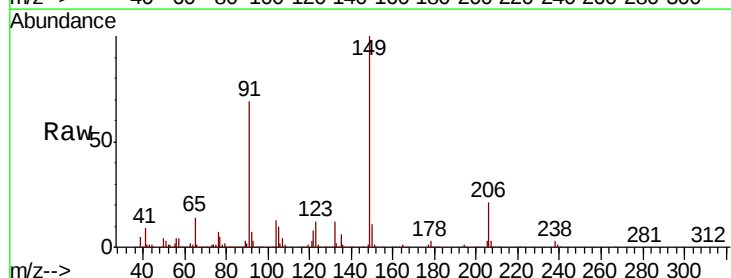


Time-->



#80
 Butylbenzylphthalate
 Concen: 39.804 ng
 RT: 13.42 min Scan# 1927
 Delta R.T. -0.01 min
 Lab File: BF114326.D
 Acq: 16 May 2019 23:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.0	55.0	82.4
206	20.5	16.9	25.3

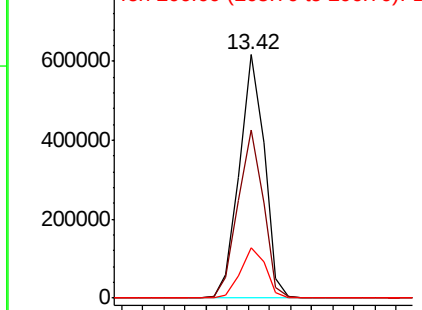


Abundance

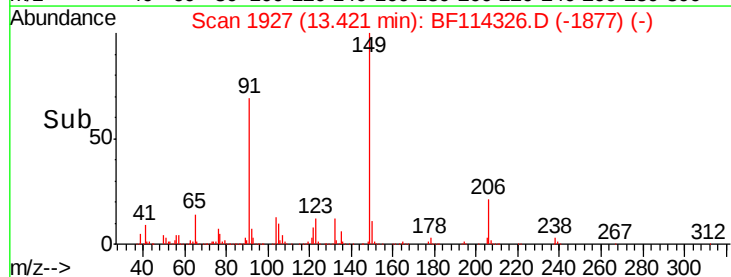
Ion 149.00 (148.70 to 149.70): E

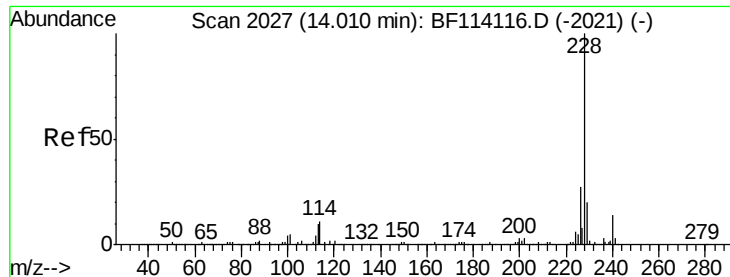
Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



Time-->





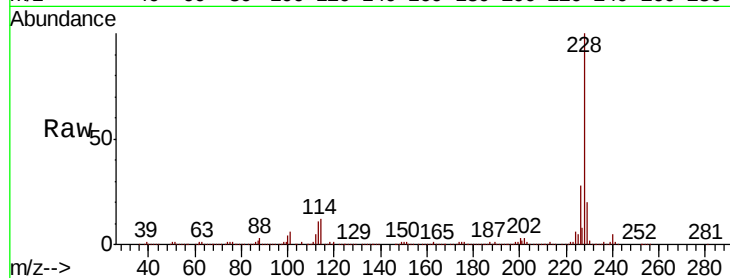
#81
Benzo(a)anthracene
Concen: 42.605 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.2
229	20.0	16.4	24.6

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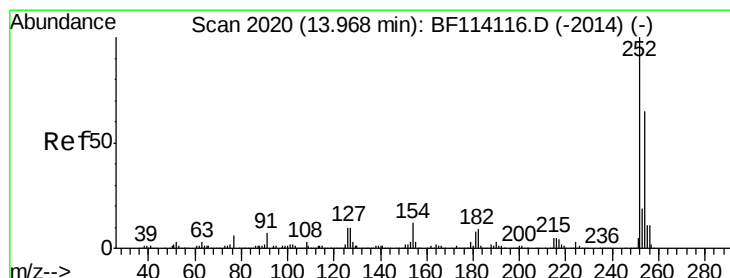
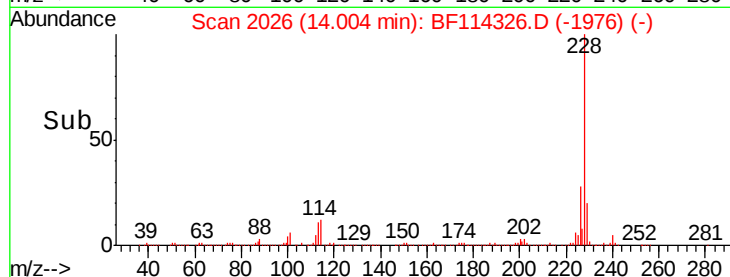
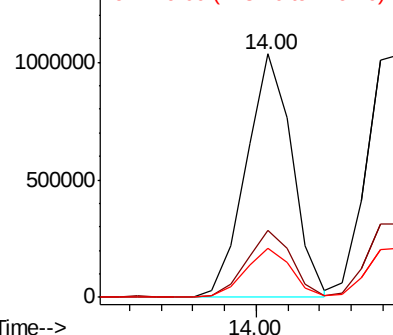


Abundance

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: 43.243 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

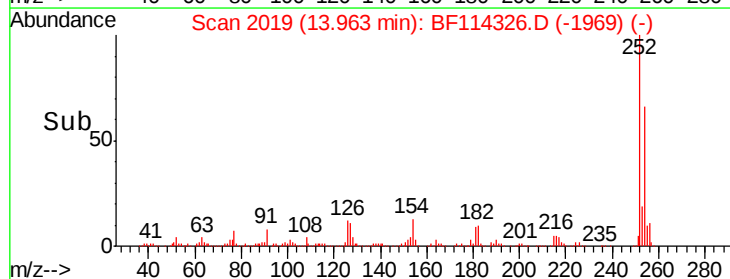
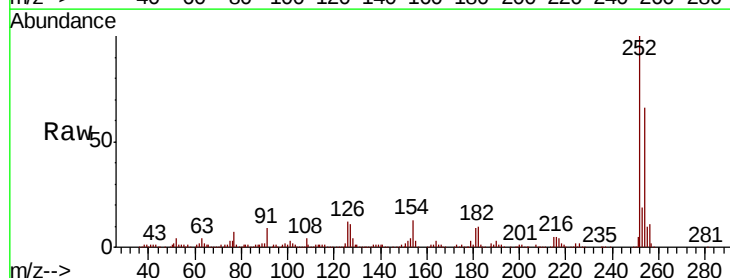
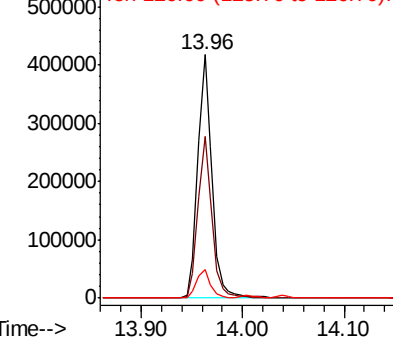
Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.4	51.9	77.9
126	11.7	7.9	11.9

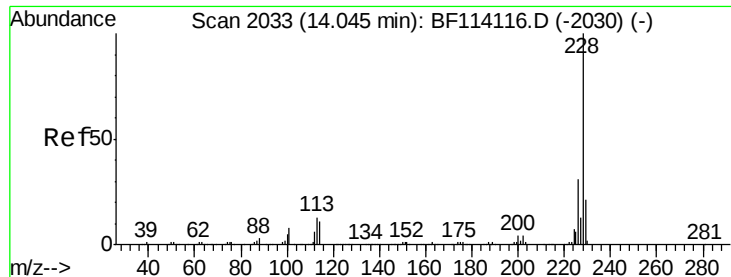
Abundance

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

Chrysene

Concen: 41.971 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF114326.D

Acq: 16 May 2019 23:45

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:228 Resp: 1003188

Ion Ratio Lower Upper

228 100

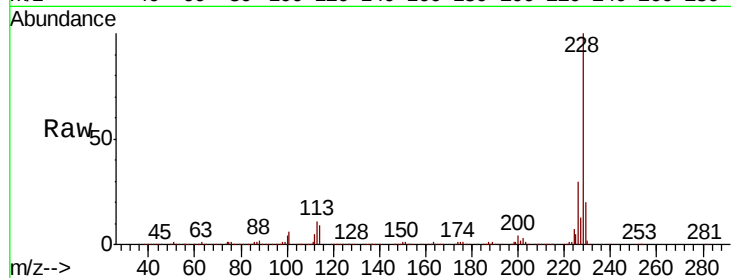
226 30.3 25.0 37.6

229 20.0 17.0 25.6

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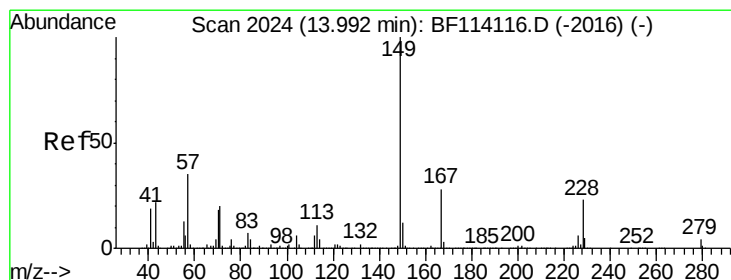
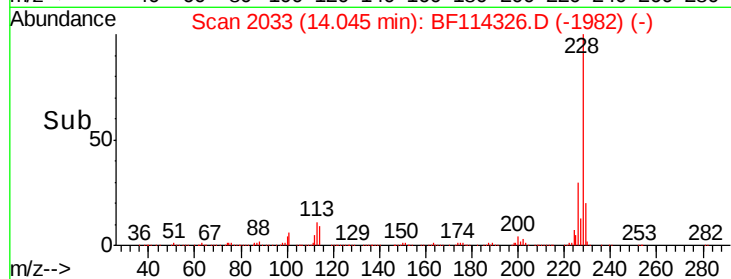
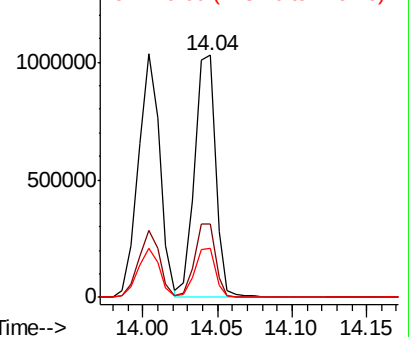
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.704 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF114326.D

Acq: 16 May 2019 23:45

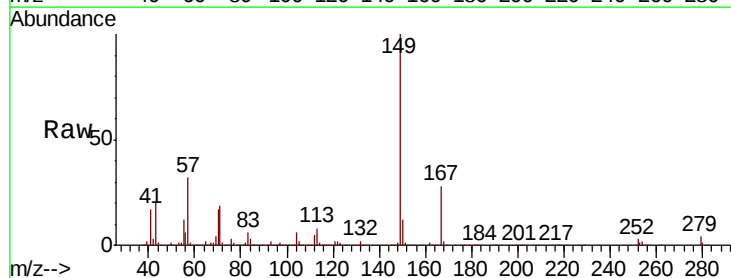
Tgt Ion:149 Resp: 696213

Ion Ratio Lower Upper

149 100

167 27.7 22.6 33.8

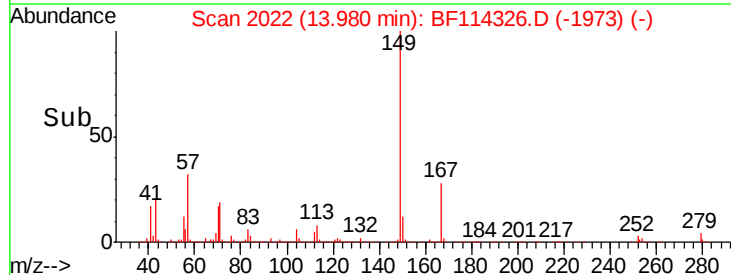
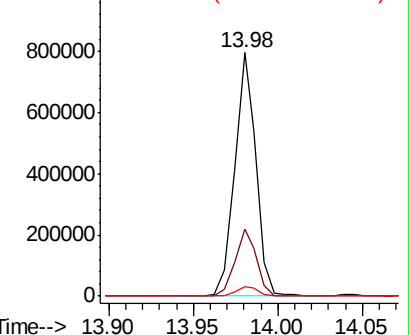
279 3.7 3.0 4.6

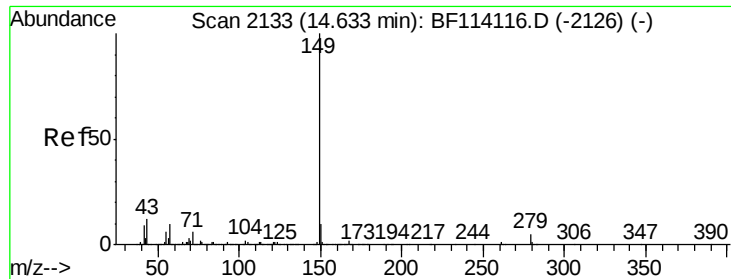


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





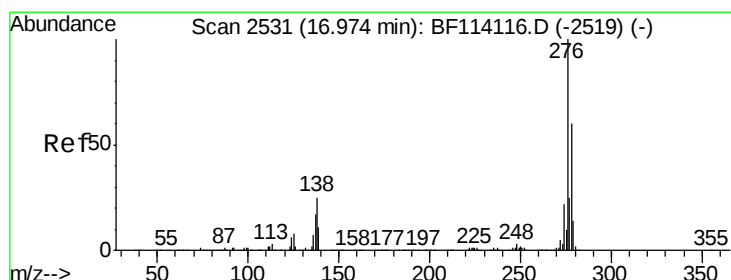
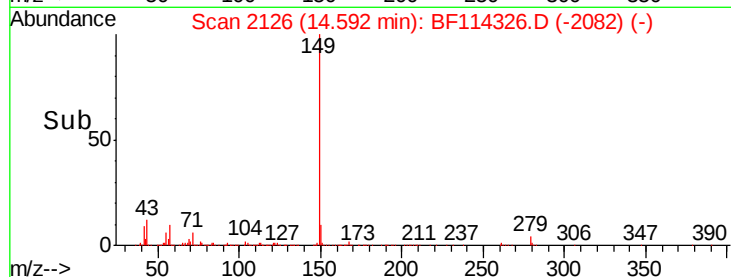
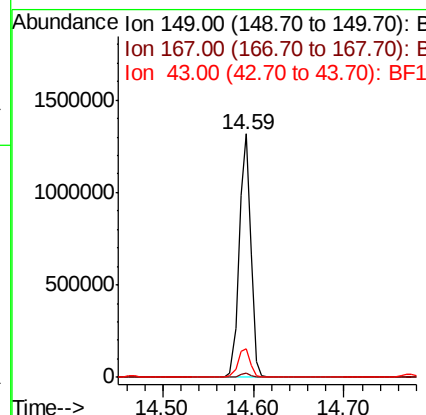
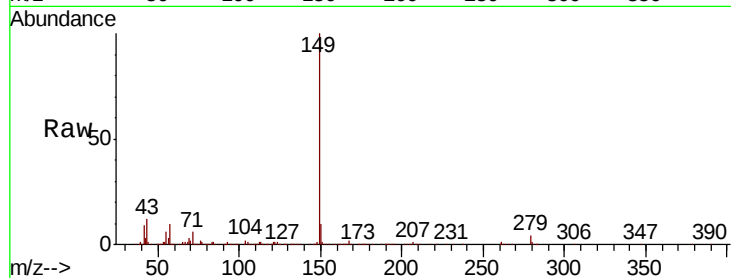
#85
Di-n-octyl phthalate
Concen: 44.026 ng
RT: 14.59 min Scan# 2126
Delta R.T. -0.04 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.2	10.1	15.1

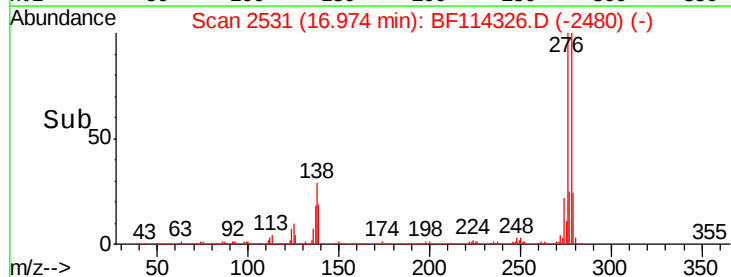
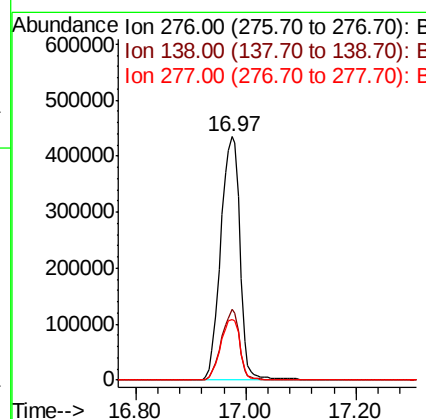
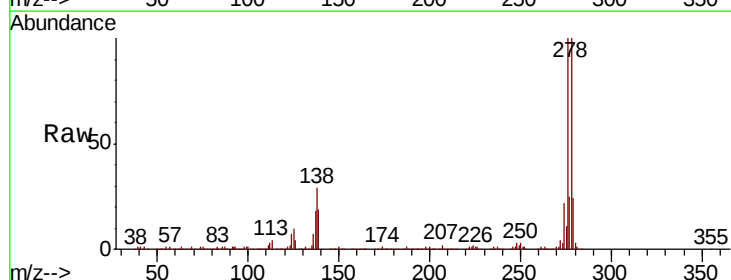
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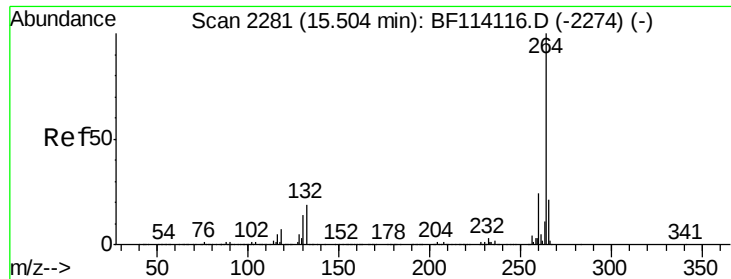
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#86
Indeno(1,2,3-cd)pyrene
Concen: 50.453 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.00 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.2	20.2	30.2
277	25.4	20.0	30.0





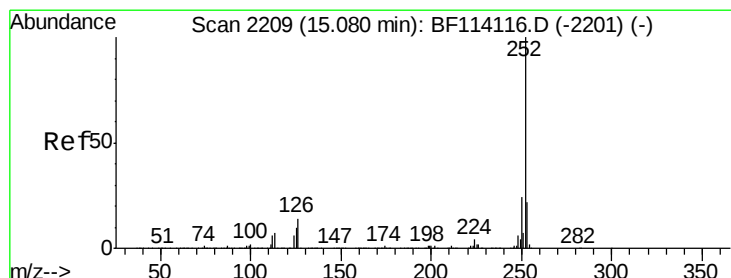
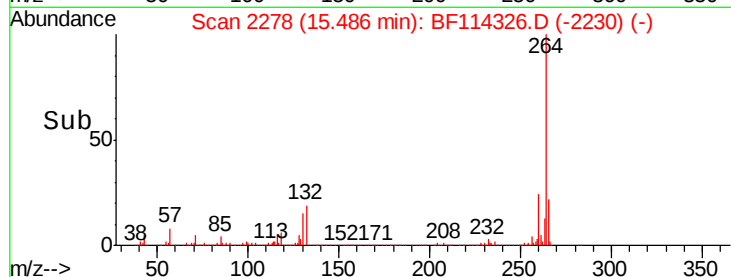
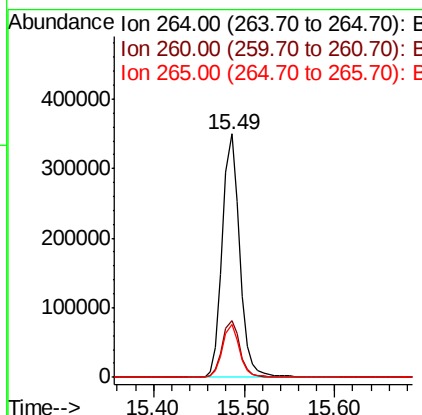
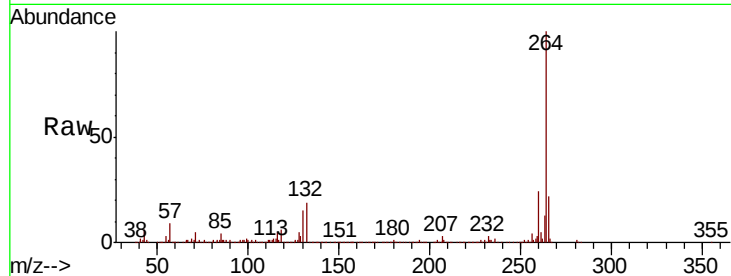
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	22.0	16.9	25.3

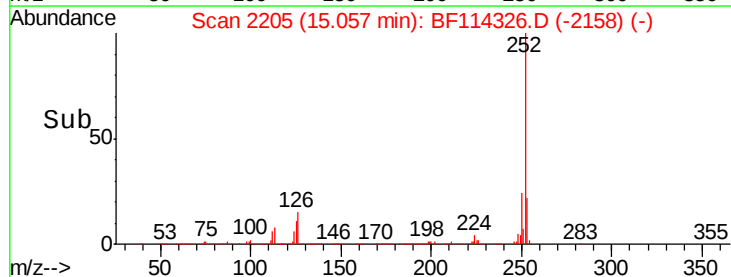
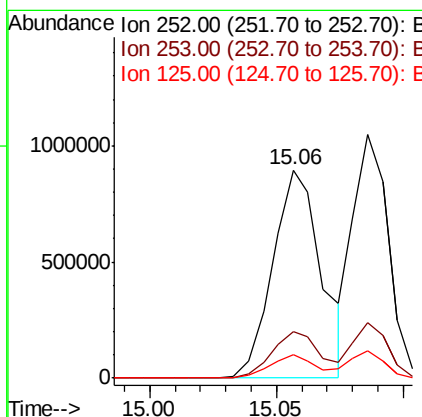
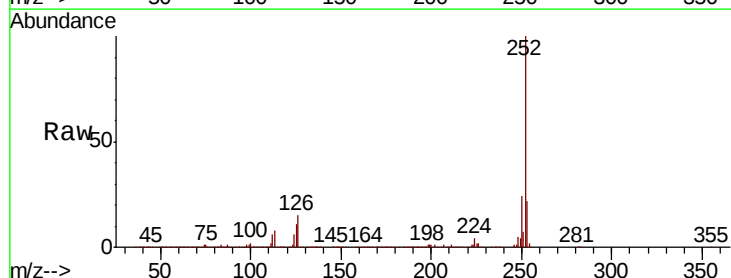
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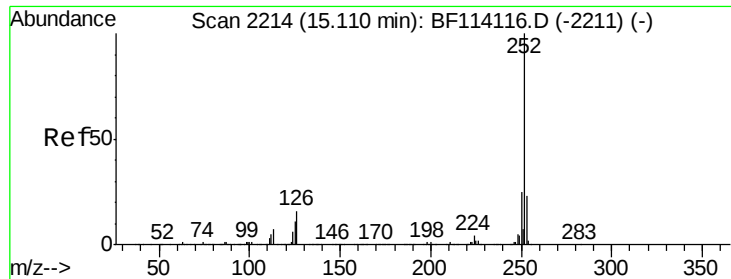
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#88
Benzo(b)fluoranthene
Concen: 40.417 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	11.1	8.3	12.5





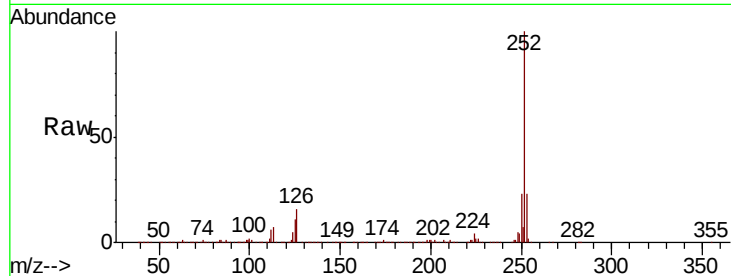
#89
Benzo(k)fluoranthene
Concen: 37.896 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.02 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

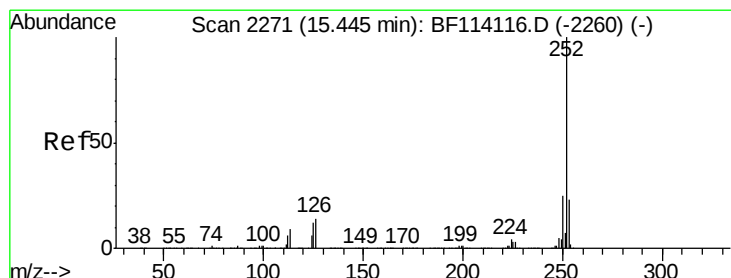
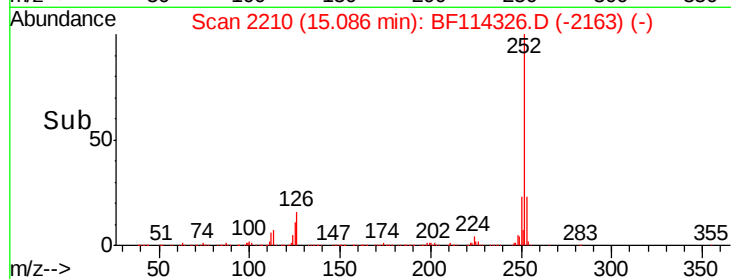
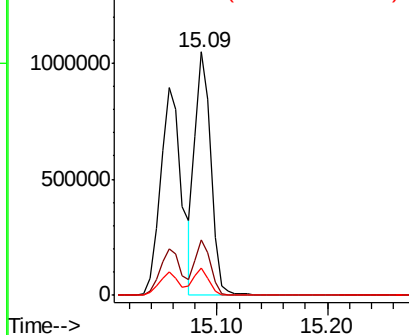
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	11.3	8.6	13.0

Manual Integrations
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5/17/2019 3:03:47 PM



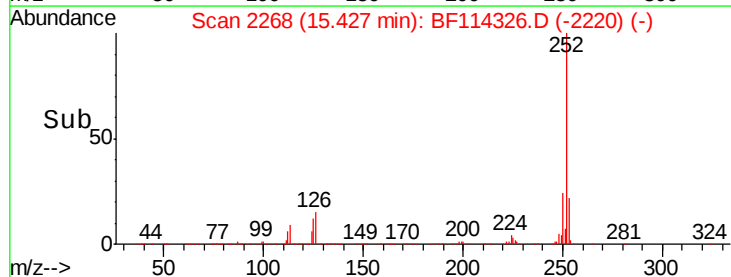
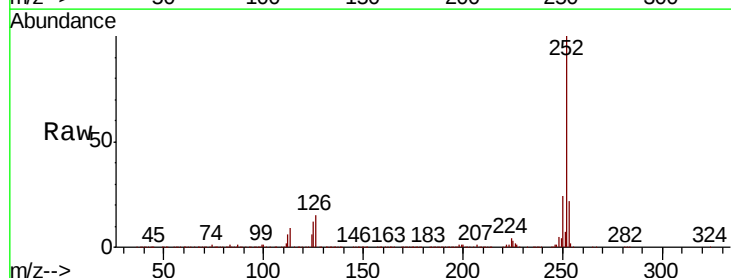
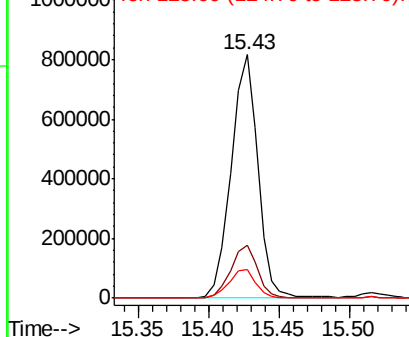
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

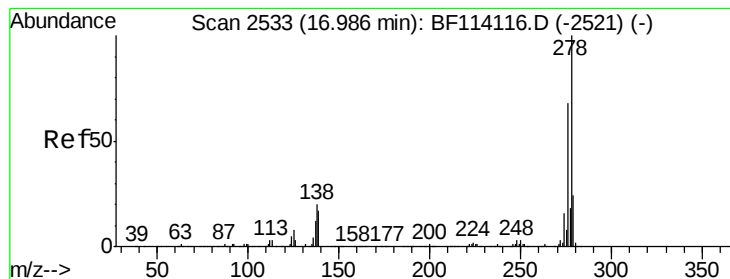


#90
Benzo(a)pyrene
Concen: 41.116 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114326.D
Acq: 16 May 2019 23:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	11.9	9.5	14.3

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.318 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BF114326.D

Acq: 16 May 2019 23:45

Instrument :

BNA_F

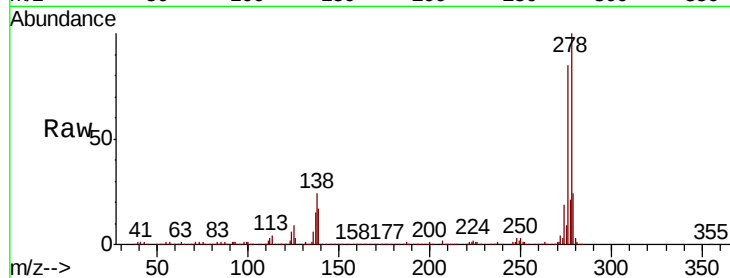
ClientSampleId :

SSTDCCC040

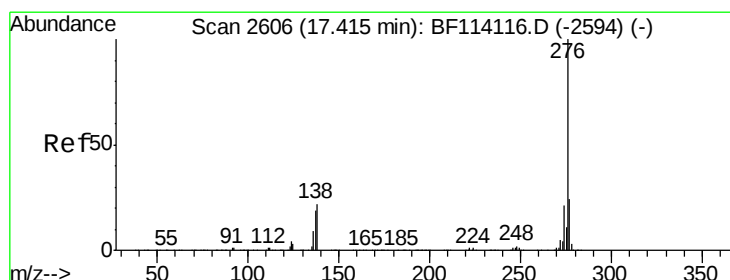
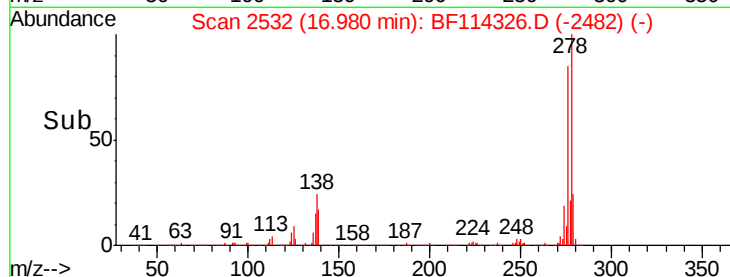
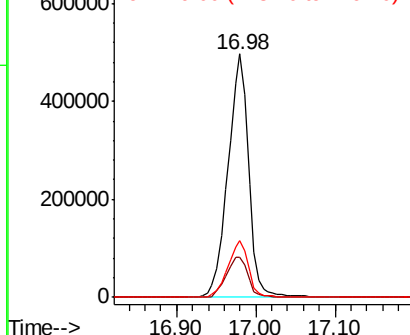
Tot Ion:	278	Resp:	896019
Ion Ratio	Lower	Upper	
278	100		
139	16.6	13.5	20.3
279	23.6	19.0	28.6

Manual Integrations
APPROVED

mohammad
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.443 ng

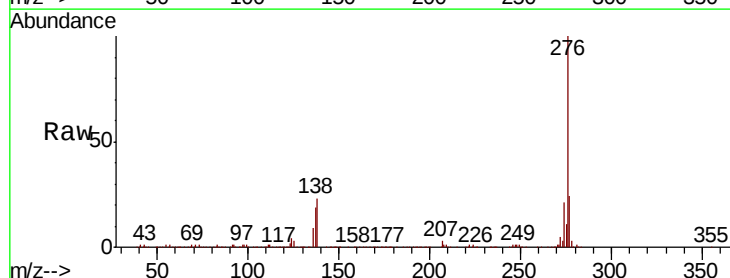
RT: 17.42 min Scan# 2607

Delta R.T. 0.01 min

Lab File: BF114326.D

Acq: 16 May 2019 23:45

Tgt Ion:	276	Resp:	835463
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.0	28.4
138	23.2	17.8	26.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

