

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115948.D
 Acq On : 2 Aug 2019 15:58
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 8/8/2019 4:44:14 PM

Quant Time: Aug 05 16:06:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	160167	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	677891	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	339285	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	657565	20.00	ng	0.00
76) Chrysene-d12	14.03	240	446069	20.00	ng	0.00
87) Perylene-d12	15.50	264	404901	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	779481	81.47	ng	0.00
7) Phenol-d6	6.49	99	992044	82.18	ng	0.00
23) Nitrobenzene-d5	7.42	82	912702	77.72	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	285445	86.78	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1487330	82.11	ng	0.00
79) Terphenyl-d14	12.97	244	1758547	83.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	191482	39.616	ng	100
3) Pyridine	3.36	79	509704	37.751	ng	99
4) n-Nitrosodimethylamine	3.32	42	213291	40.030	ng	99
6) Aniline	6.52	93	683946	39.563	ng	100
8) 2-Chlorophenol	6.65	128	450869	42.616	ng	98
9) Benzaldehyde	6.40	77	310775	37.313	ng	96
10) Phenol	6.50	94	579359	40.757	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	438103	41.920	ng	97
12) 1,3-Dichlorobenzene	6.80	146	491754	40.219	ng	99
13) 1,4-Dichlorobenzene	6.87	146	497284	40.619	ng	98
14) 1,2-Dichlorobenzene	7.03	146	458813	40.701	ng	98
15) Benzyl Alcohol	7.00	79	385866	42.122	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	593099	41.606	ng	95
17) 2-Methylphenol	7.11	107	372745	41.608	ng	99
18) Hexachloroethane	7.37	117	184054	40.834	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	305925	40.898	ng	96
20) 3+4-Methylphenols	7.26	107	432724	40.818	ng	# 89
22) Acetophenone	7.27	105	573358	38.566	ng	# 97
24) Nitrobenzene	7.44	77	498294	39.296	ng	97
25) Isophorone	7.68	82	897071	39.948	ng	98
26) 2-Nitrophenol	7.75	139	247943	41.480	ng	97
27) 2,4-Dimethylphenol	7.79	122	349727	38.889	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	561353	40.331	ng	99
29) 2,4-Dichlorophenol	8.00	162	378753	39.888	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	430551	39.778	ng	99
31) Naphthalene	8.16	128	1253085	39.282	ng	99
32) Benzoic acid	7.94	122	210643m	33.223	ng	
33) 4-Chloroaniline	8.20	127	565465	39.673	ng	98
34) Hexachlorobutadiene	8.27	225	246091	39.473	ng	99
35) Caprolactam	8.60	113	121774	39.652	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	398964	40.389	ng	98
37) 2-Methylnaphthalene	8.85	142	832380	39.620	ng	99
38) 1-Methylnaphthalene	8.95	142	796183	40.059	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	386130	42.570	ng	99

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Instrument :
 BNA_F
 ClientSampleID :
 SSTDC040

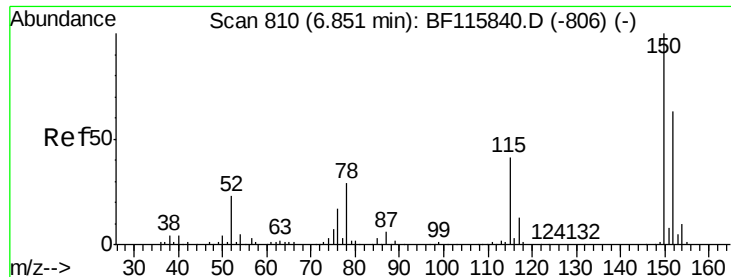
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	130317	35.556	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	255098	40.859	nq	99
44) 2,4,5-Trichlorophenol	9.18	196	269134	41.702	nq	99
46) 1,1'-Biphenyl	9.32	154	1003738	41.904	nq	100
47) 2-Chloronaphthalene	9.35	162	825579	41.411	nq	98
48) 2-Nitroaniline	9.44	65	278609	42.279	nq	89
49) Acenaphthylene	9.76	152	1245852	42.835	nq	100
50) Dimethylphthalate	9.62	163	991318	42.911	nq	100
51) 2,6-Dinitrotoluene	9.69	165	218359	43.495	nq	97
52) Acenaphthene	9.93	154	733867	41.128	nq	99
53) 3-Nitroaniline	9.86	138	258831	41.725	nq	96
54) 2,4-Dinitrophenol	9.97	184	84115	37.538	nq	91
55) Dibenzofuran	10.10	168	1084317	41.787	nq	96
56) 4-Nitrophenol	10.02	139	156955	39.497	nq	100
57) 2,4-Dinitrotoluene	10.09	165	286251	42.825	nq	97
58) Fluorene	10.45	166	847212	42.436	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	225771	41.581	nq	99
60) Diethylphthalate	10.32	149	931951	43.210	nq	100
61) 4-Chlorophenyl-phenylether	10.43	204	434722	42.995	nq	98
62) 4-Nitroaniline	10.47	138	267886	41.787	nq	96
63) Azobenzene	10.60	77	954578	43.030	nq	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	137334	39.411	nq	96
66) n-Nitrosodiphenylamine	10.56	169	761207	38.460	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	277073	39.361	nq	92
68) Hexachlorobenzene	11.00	284	315177	38.721	nq	93
69) Atrazine	11.08	200	217412	33.390	nq	98
70) Pentachlorophenol	11.19	266	143378	36.281	nq	97
71) Phenanthrene	11.41	178	1295697	38.544	nq	100
72) Anthracene	11.46	178	1313040	38.595	nq	98
73) Carbazole	11.62	167	1213323	39.310	nq	99
74) Di-n-butylphthalate	11.94	149	1505926	41.824	nq	100
75) Fluoranthene	12.60	202	1368215	38.878	nq	98
77) Benzidine	12.72	184	602862	40.004	nq	98
78) Pyrene	12.83	202	1402678	41.715	nq	100
80) Butylbenzylphthalate	13.44	149	638222	44.870	nq	99
81) Benzo(a)anthracene	14.02	228	1146742	40.221	nq	100
82) 3,3'-Dichlorobenzidine	13.97	252	398173	40.198	nq	# 99
83) Chrysene	14.06	228	1113905	40.242	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	876267	47.408	nq	100
85) Di-n-octyl phthalate	14.61	149	1318067	44.896	nq	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	967310	41.608	nq	99
88) Benzo(b)fluoranthene	15.07	252	932453	39.828	nq	98
89) Benzo(k)fluoranthene	15.10	252	912539	40.018	nq	99
90) Benzo(a)pyrene	15.43	252	842127	40.238	nq	99
91) Dibenzo(a,h)anthracene	16.99	278	789756	43.595	nq	97
92) Benzo(g,h,i)perylene	17.43	276	788649	44.328	nq	100

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



#1

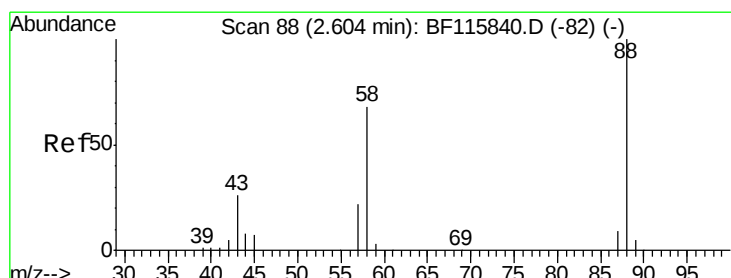
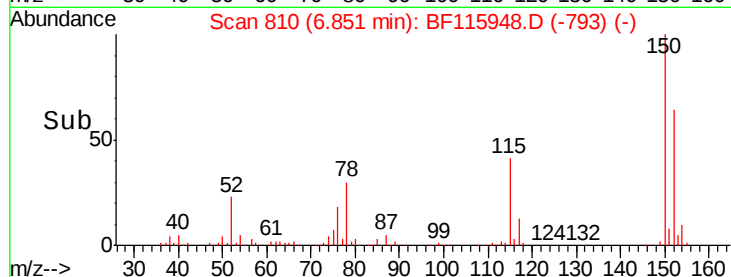
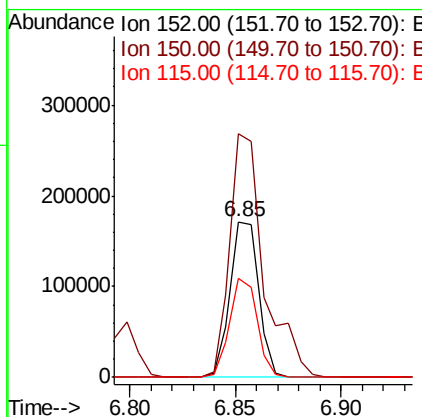
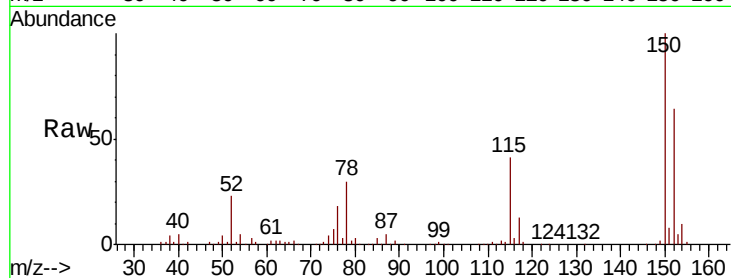
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	127.4	191.0
115	63.6	51.8	77.8

Manual Integrations
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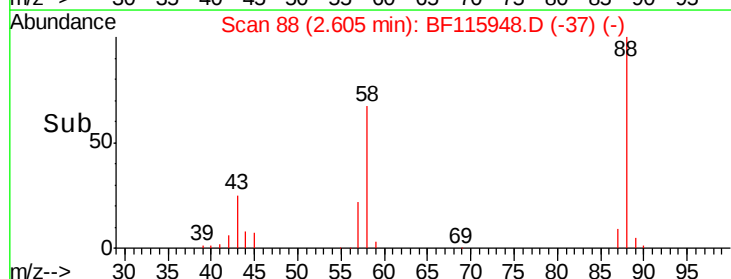
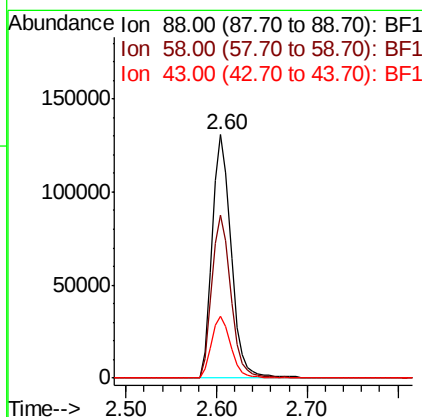
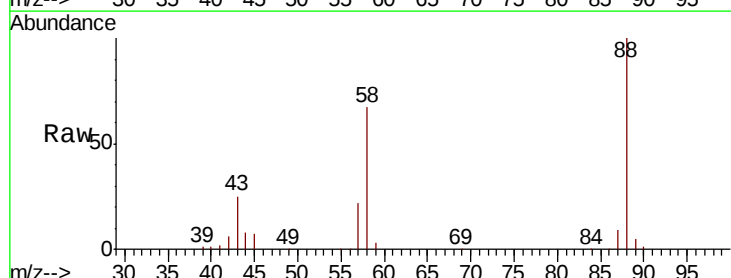
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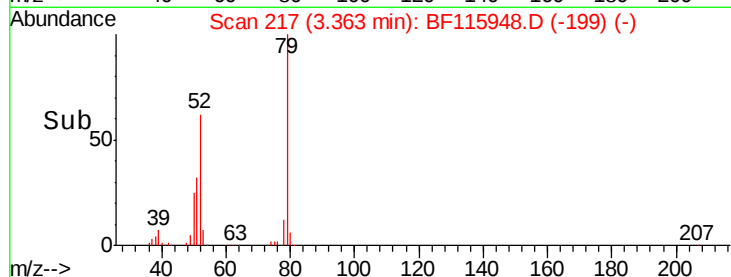
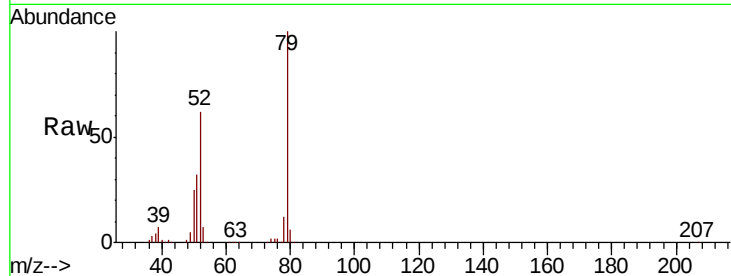
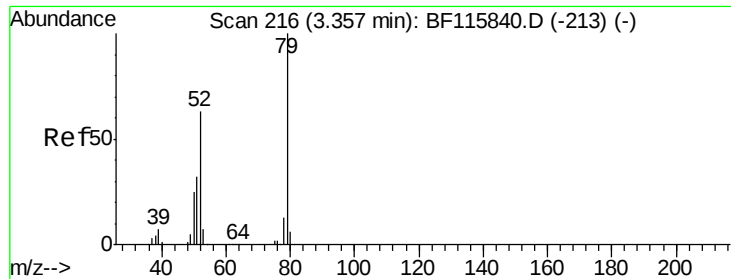


#2

1,4-Dioxane
Concen: 39.616 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.3	54.1	81.1
43	26.1	20.7	31.1





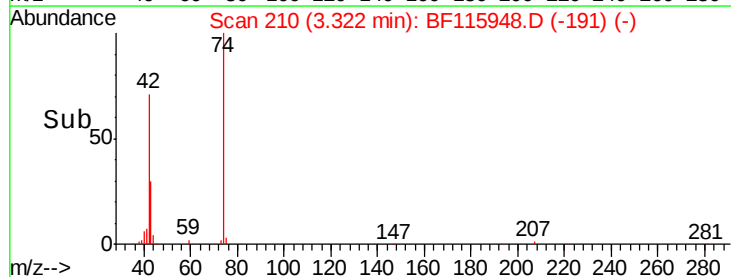
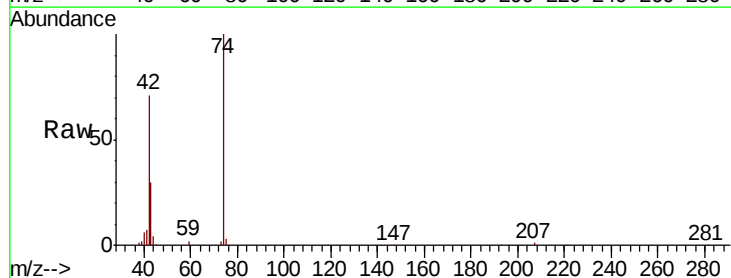
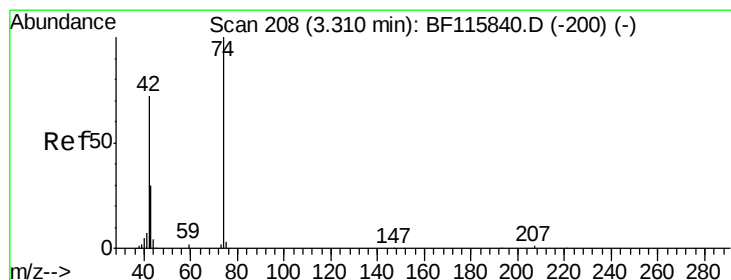
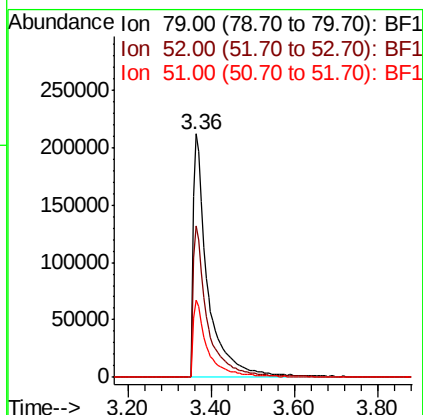
#3
 Pvridine
 Concen: 37.751 ng
 RT: 3.36 min Scan# 217
 Delta R.T. 0.01 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Tot Ion	Ratio	Resp	Lower	Upper
79	100	509704		
52	62.4		50.2	75.4
51	31.8		25.8	38.6

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

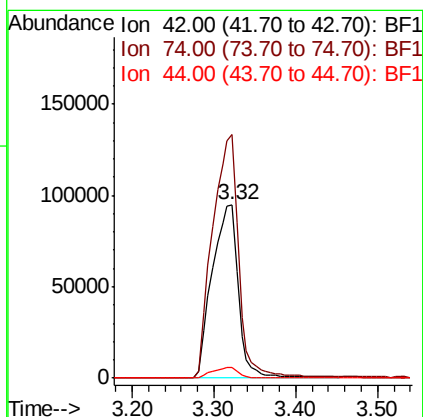
Manual Integrations
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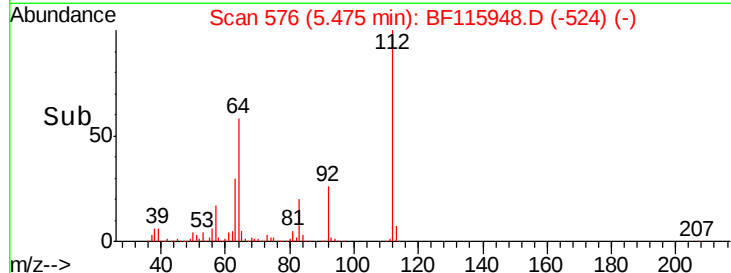
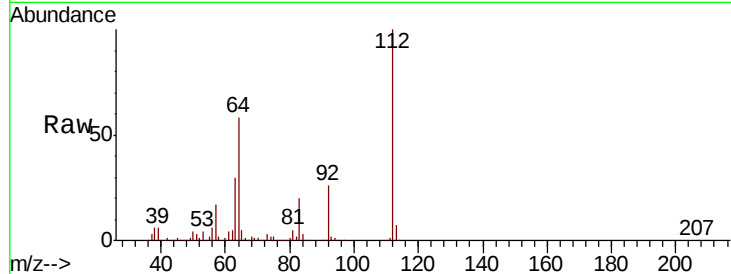
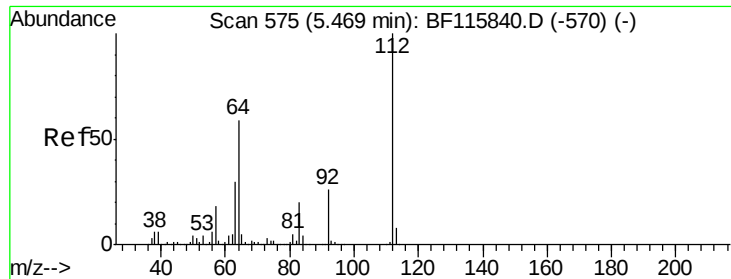
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#4
 n-Nitrosodimethylamine
 Concen: 40.030 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.01 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	213291		
74	140.6		111.0	166.4
44	5.8		4.7	7.1





#5

2-Fluorophenol

Concen: 81.471 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Tot Ion:	112	Resp:	779481
Ion Ratio	Lower	Upper	
112	100		
64	57.8	46.8	70.2
63	30.4	24.2	36.2

Instrument :

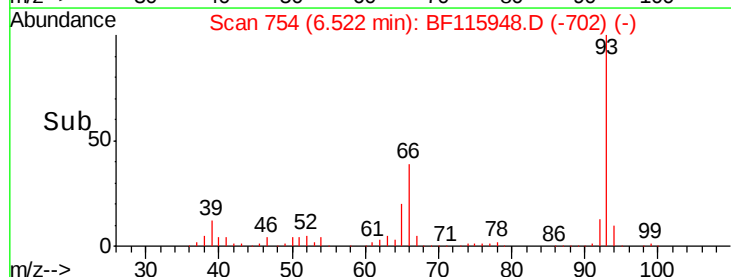
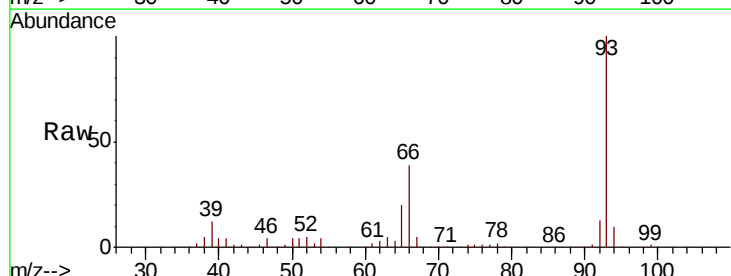
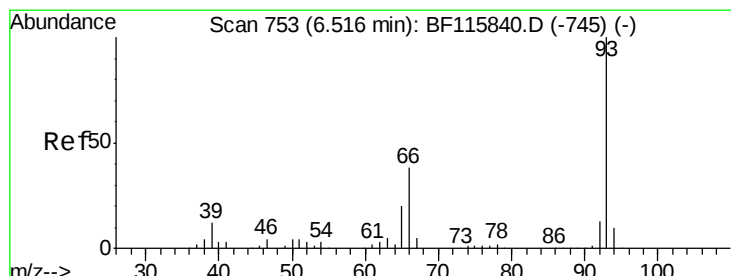
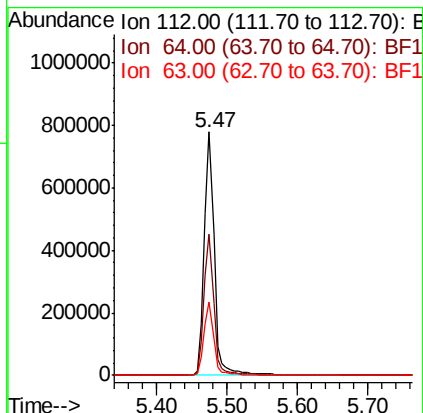
BNA_F

ClientSampleId :

SSTDCCC040

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#6

Aniline

Concen: 39.563 ng

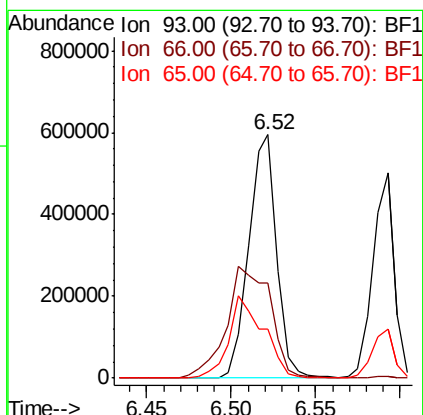
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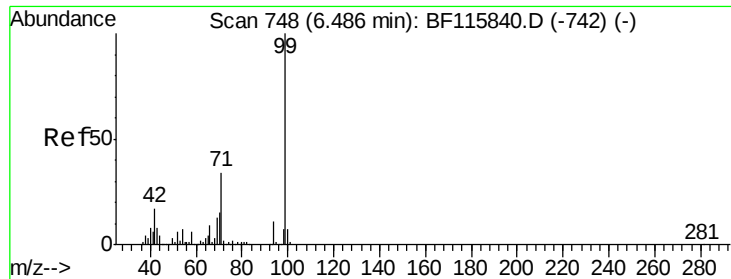
Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Tgt Ion:	93	Resp:	683946
Ion Ratio	Lower	Upper	
93	100		
66	39.3	31.4	47.0
65	20.3	16.5	24.7





#7

Phenol-d6

Concen: 82.183 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

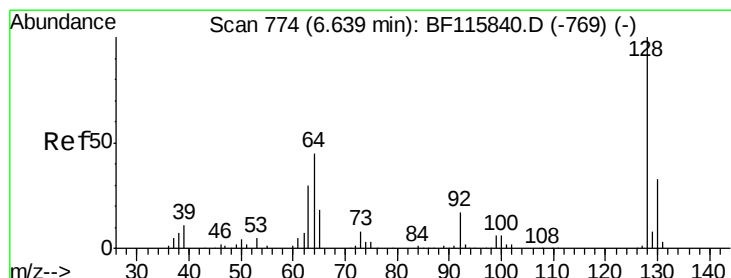
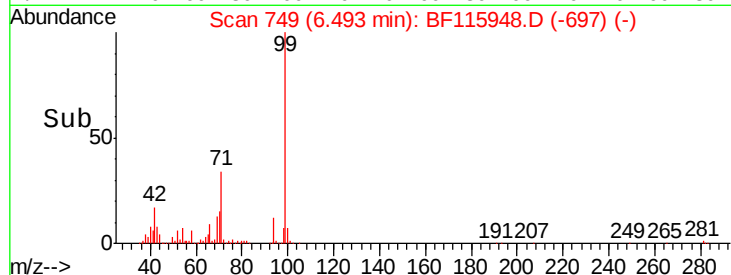
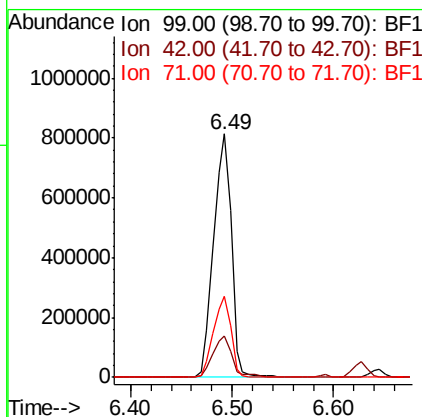
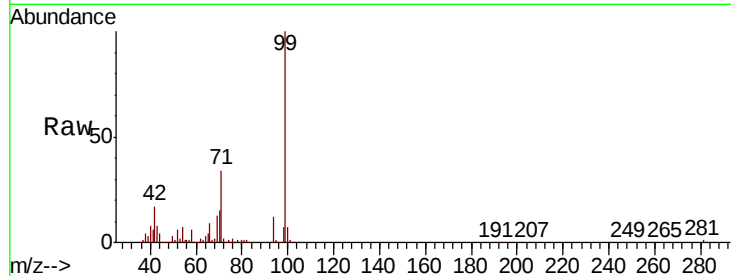
ClientSampled :

SSTDCCC040

Tot Ion:	99	Resp:	992044
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.8	20.6
71	33.5	27.1	40.7

Manual Integrations
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#8

2-Chlorophenol

Concen: 42.616 ng

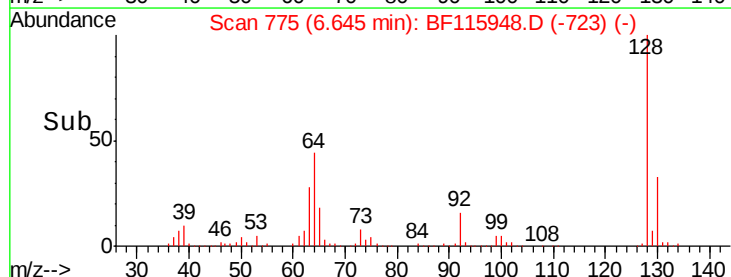
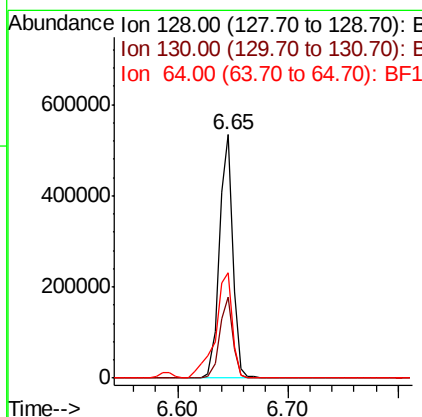
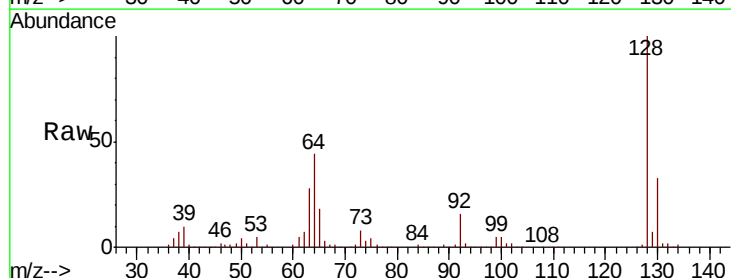
RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Tgt Ion:	128	Resp:	450869
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.9	52.9
64	43.5	26.1	66.1





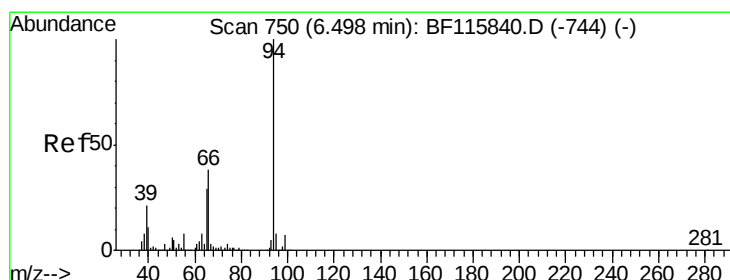
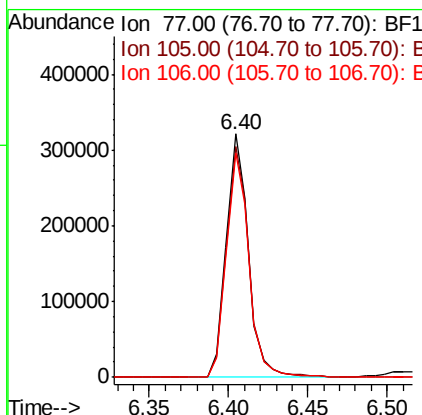
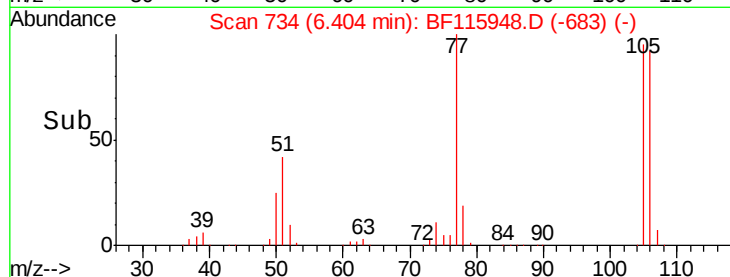
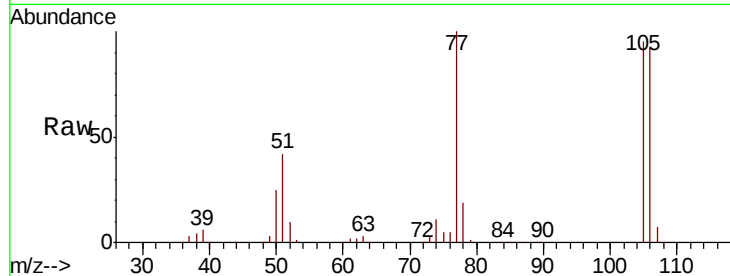
#9
Benzaldehyde
Concen: 37.313 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.8	79.0	119.0
106	92.2	76.2	116.2

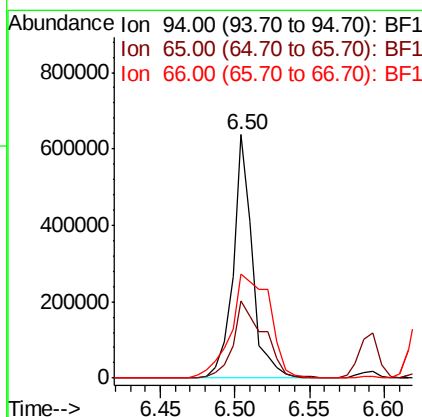
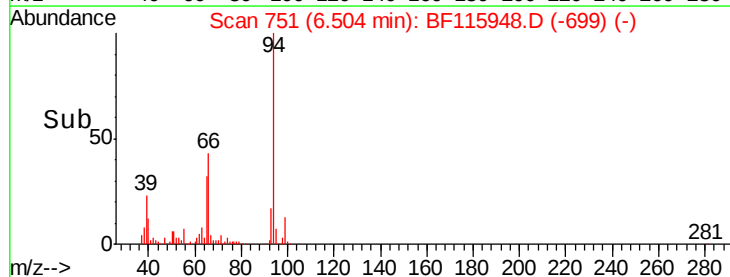
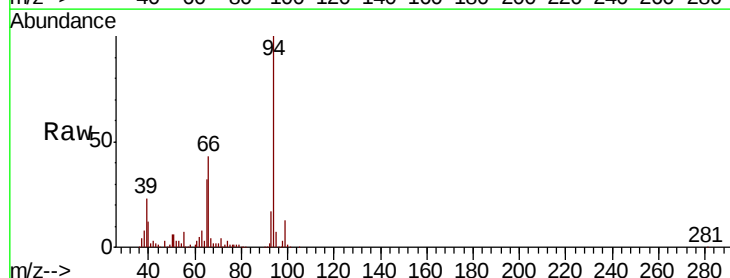
Manual Integrations
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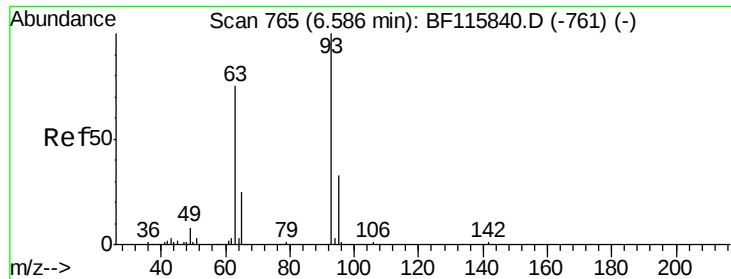
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#10
Phenol
Concen: 40.757 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.5	8.9	48.9
66	42.7	18.0	58.0





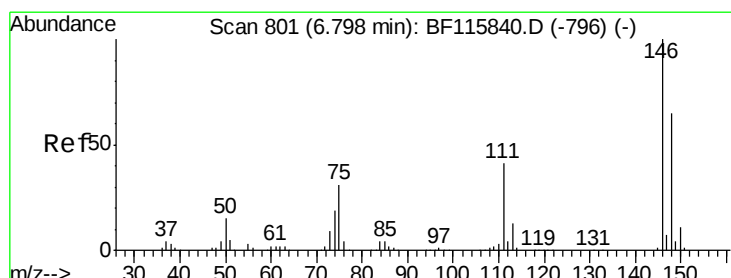
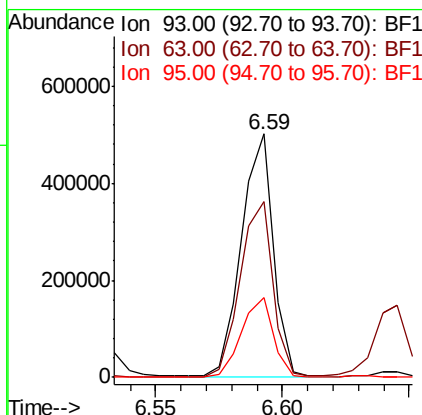
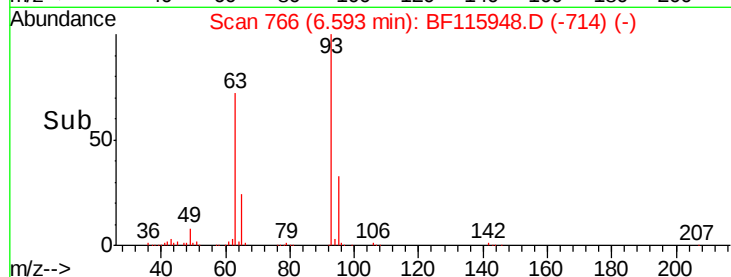
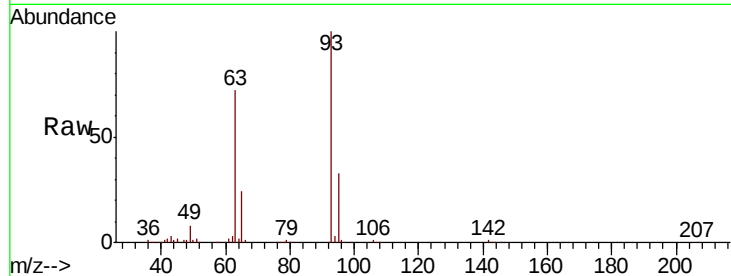
#11
bis(2-Chloroethyl)ether
Concen: 41.920 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.3	54.9	94.9
95	32.6	13.3	53.3

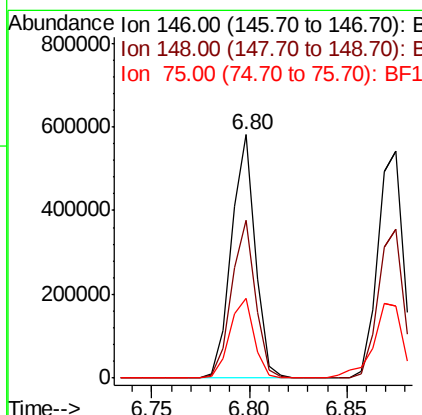
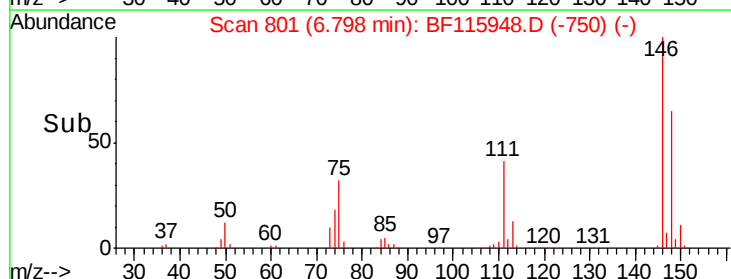
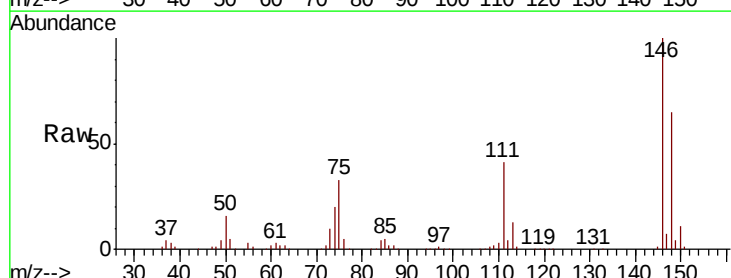
Manual Integrations
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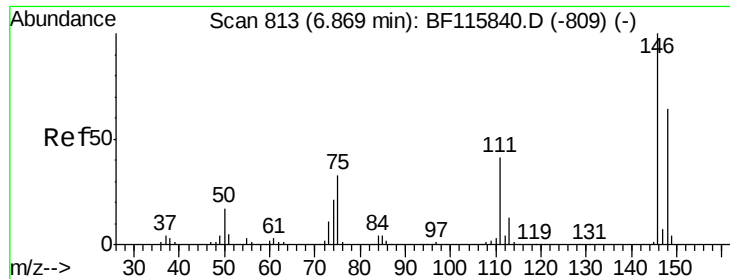
mohammad
8/8/2019 4:44:14 PM



#12
1,3-Dichlorobenzene
Concen: 40.219 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.1	78.1
75	32.6	25.0	37.6





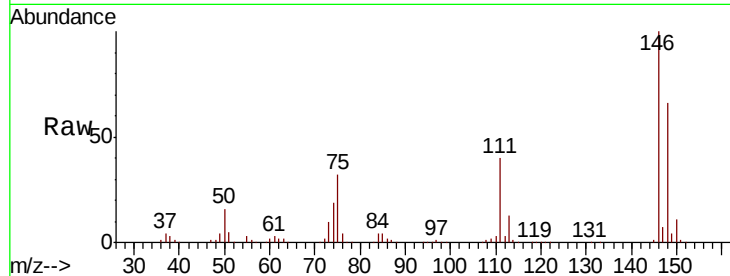
#13
 1,4-Dichlorobenzene
 Concen: 40.619 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.2	76.8
111	39.7	33.2	49.8

Manual Integrations
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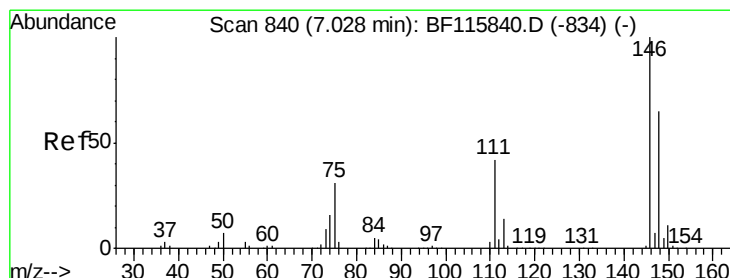
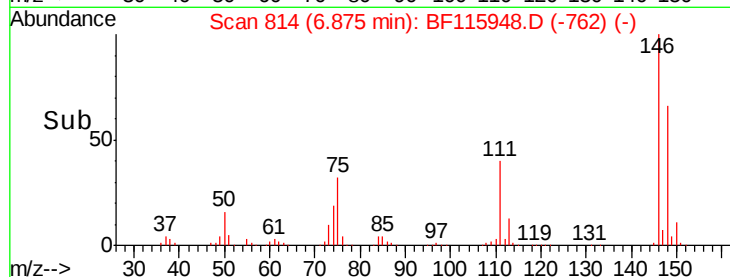
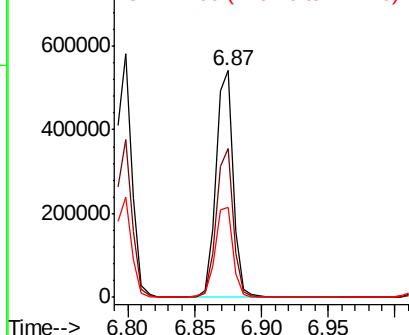


Abundance

Ion 146.00 (145.70 to 146.70): E

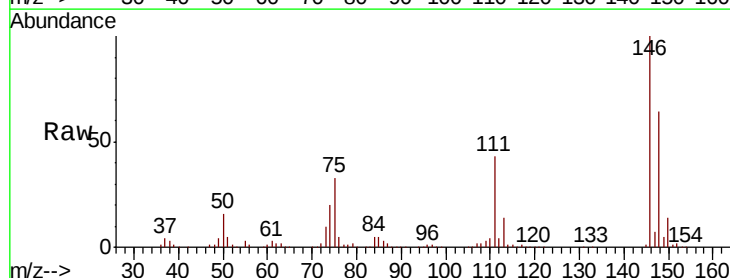
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.701 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.6	77.4
111	43.4	33.6	50.4

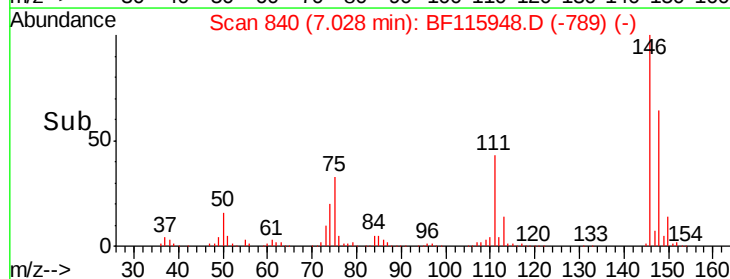
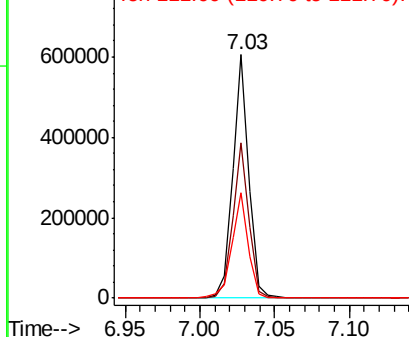


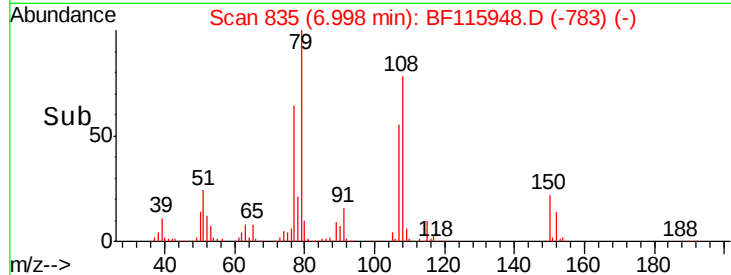
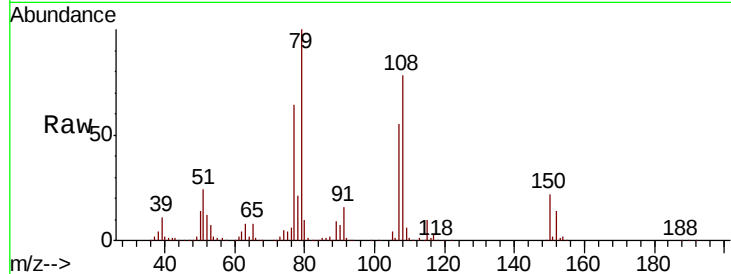
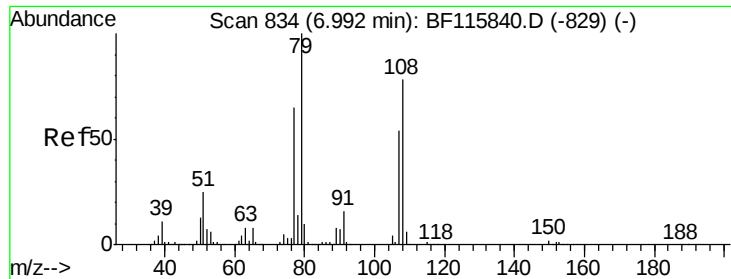
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





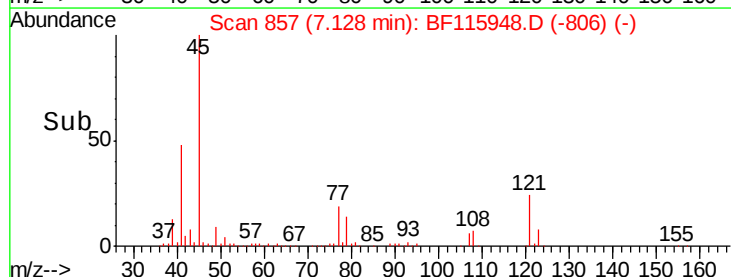
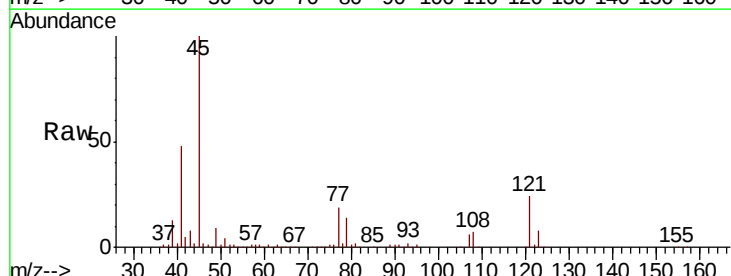
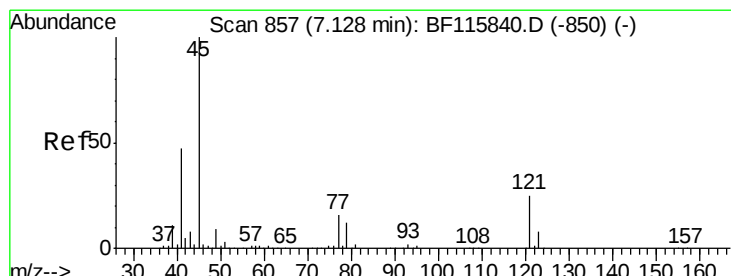
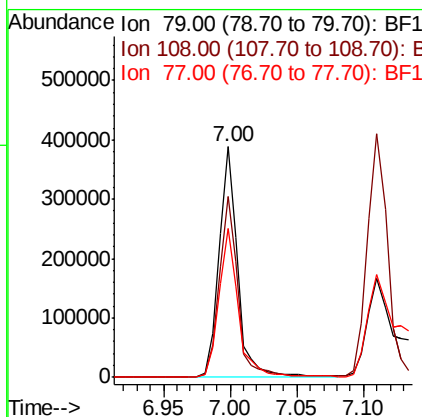
#15
Benzyl Alcohol
Concen: 42.122 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tot Ion:	79	Resp:	385866
Ion Ratio	Lower	Upper	
79	100		
108	78.5	62.8	94.2
77	64.5	52.0	78.0

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

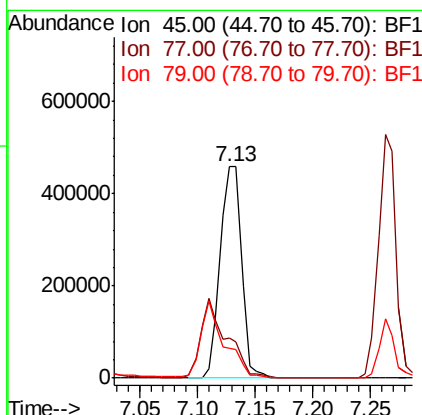
Manual Integrations
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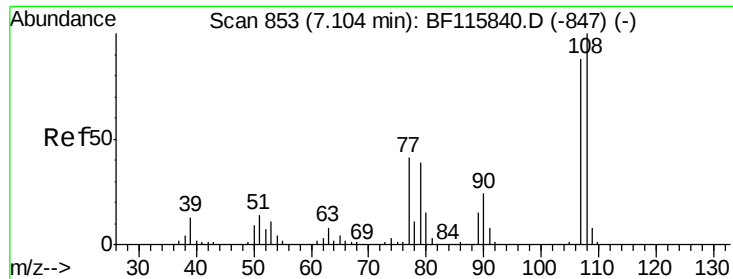
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.606 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion:	45	Resp:	593099
Ion Ratio	Lower	Upper	
45	100		
77	18.8	0.0	36.3
79	14.4	0.0	32.5





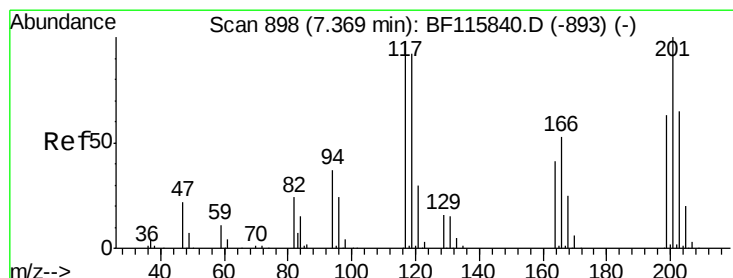
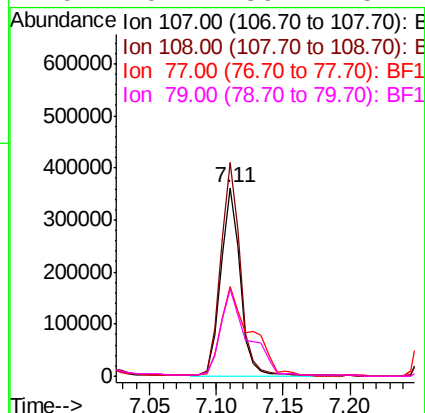
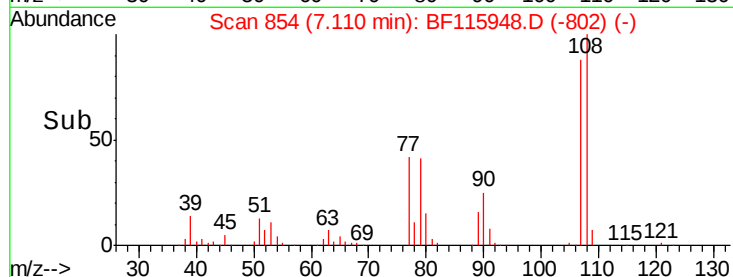
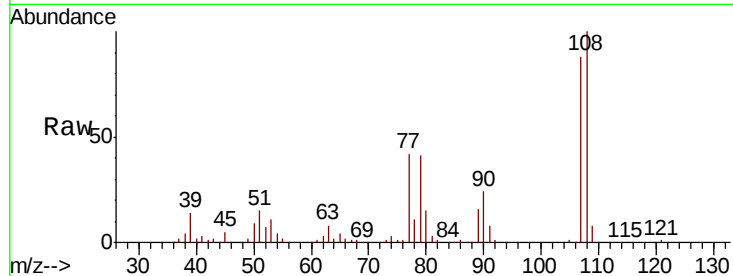
#17
2-Methylphenol
Concen: 41.608 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	372745		
108	108.00	113.4		91.4	137.0
77	77.00	47.6		37.6	56.4
79	79.00	46.2		36.2	54.4

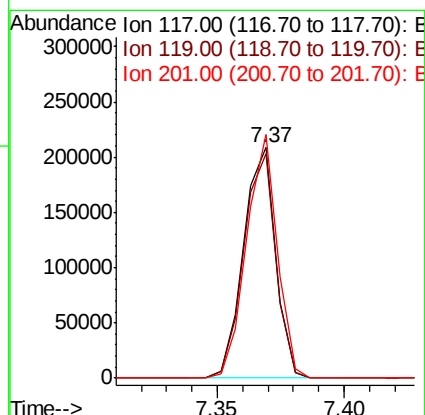
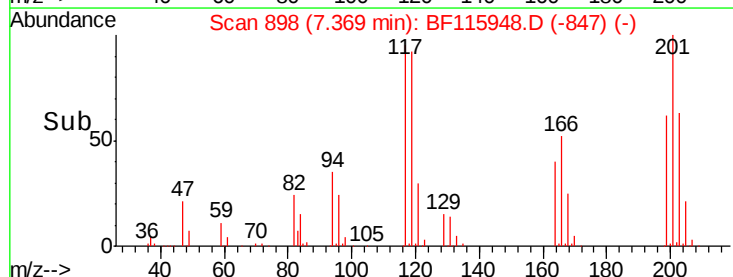
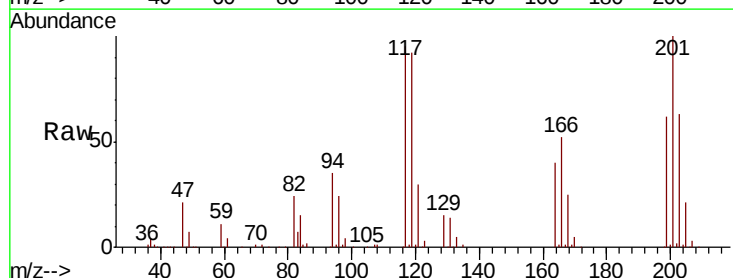
Manual Integrations
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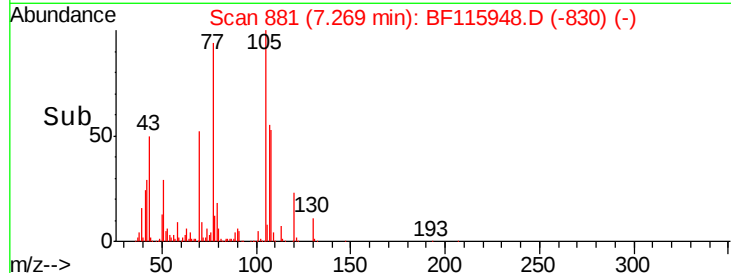
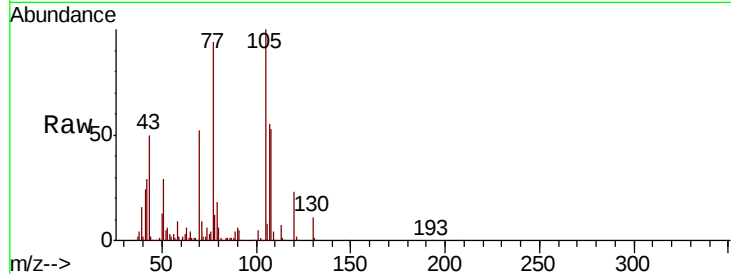
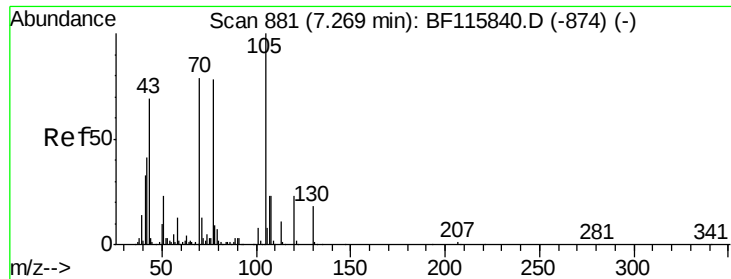
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#18
Hexachloroethane
Concen: 40.834 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	184054		
119	119.00	97.2		75.8	113.6
201	201.00	105.6		82.0	123.0





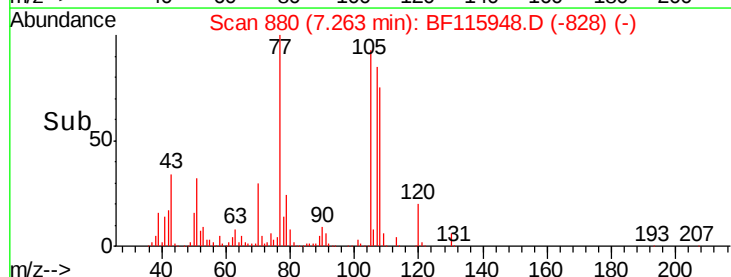
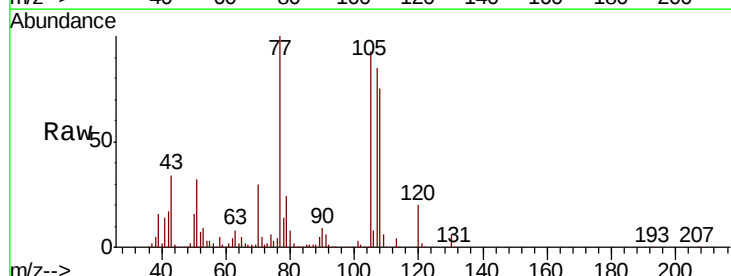
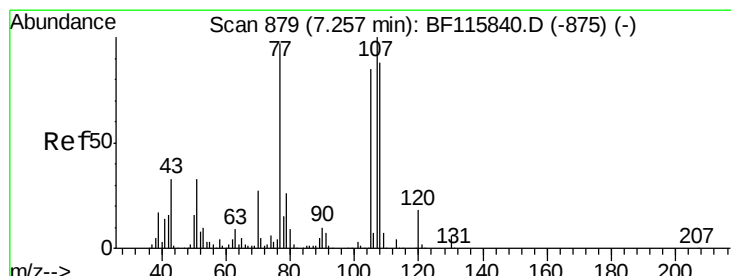
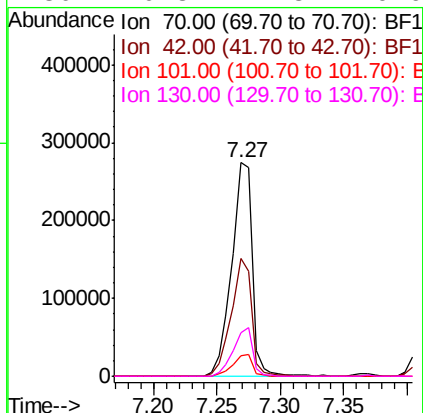
#19
n-Nitroso-di-n-propylamine
Concen: 40.898 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		305925		
42	55.4	41.8	62.8		
101	9.6	7.7	11.5		
130	20.3	17.8	26.6		

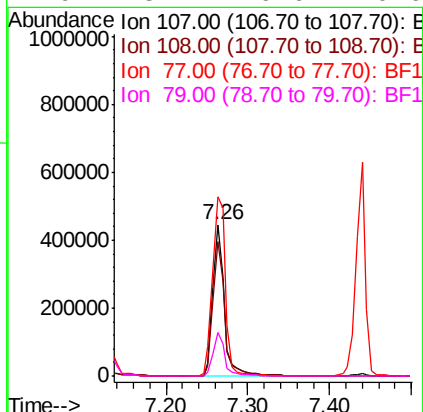
Manual Integrations
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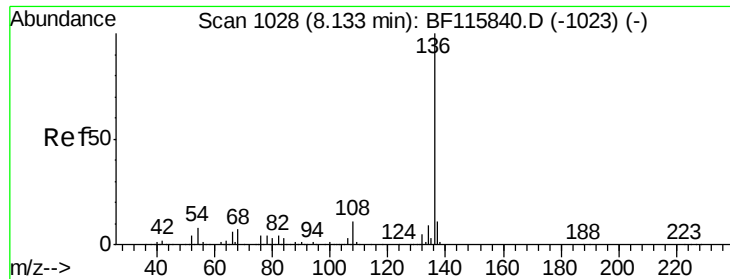
mohammad
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#20
3+4-Methylphenols
Concen: 40.818 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		432724		
108	88.4	67.9	107.9		
77	118.3	77.3	117.3#		
79	28.7	6.6	46.6		





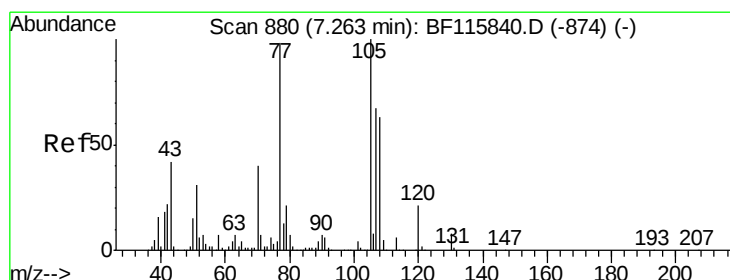
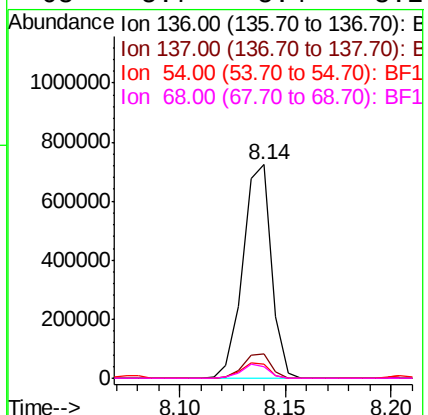
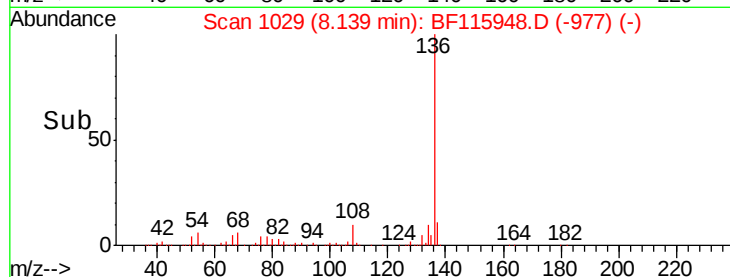
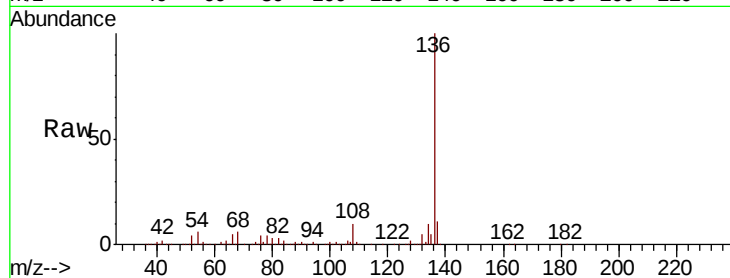
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	677891		
137	11.1		9.1	13.7
54	6.5		6.1	9.1
68	5.7		5.4	8.2

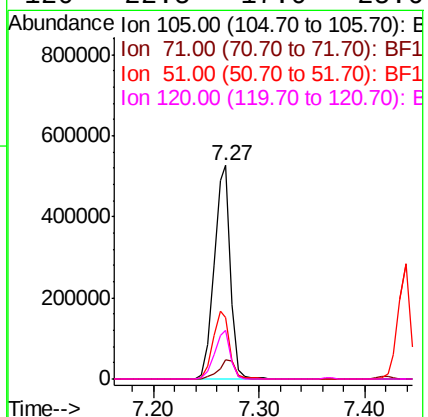
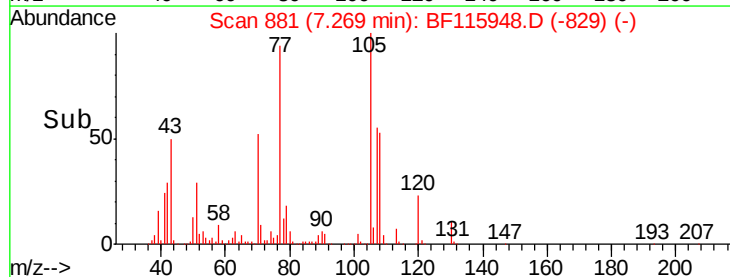
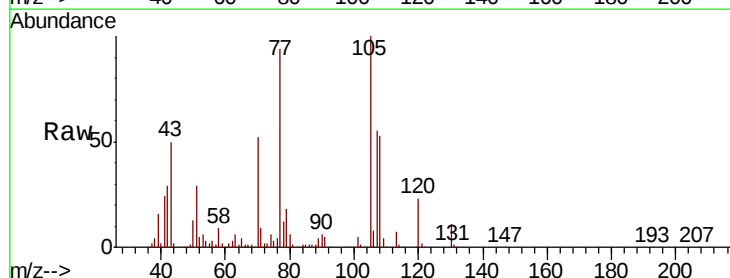
Manual Integrations
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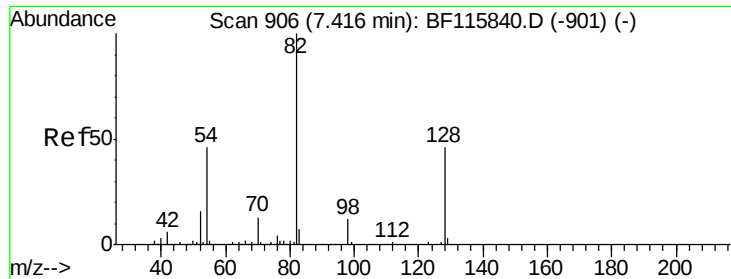
mohammad
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#22
Acetophenone
Concen: 38.566 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	573358		
71	8.7		5.4	8.0#
51	28.8		24.6	36.8
120	22.5		17.0	25.6





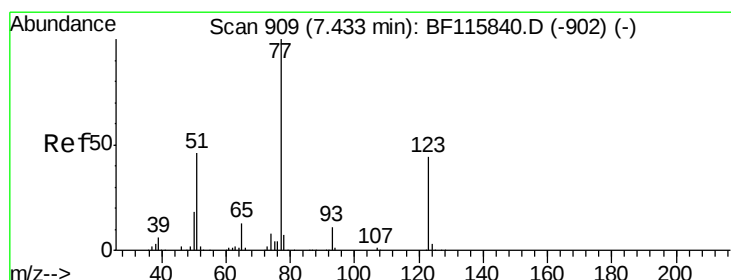
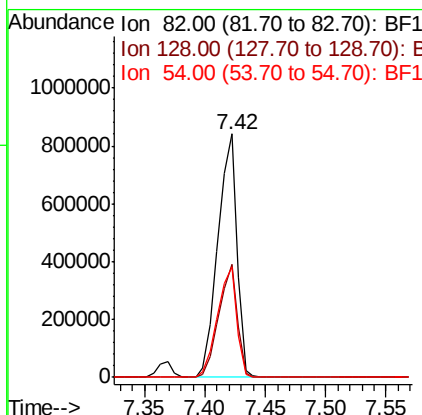
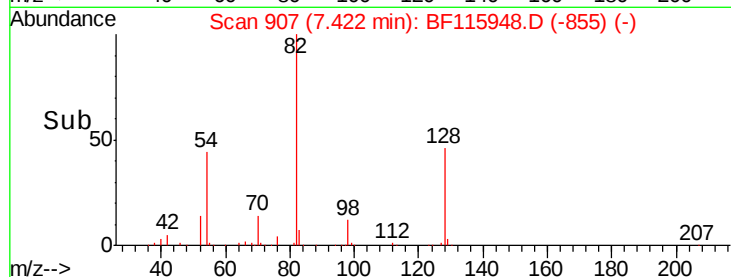
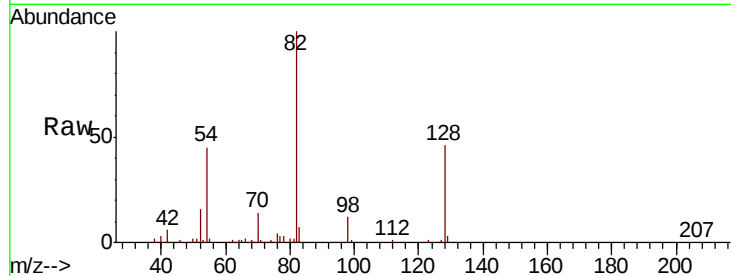
#23
Nitrobenzene-d5
Concen: 77.717 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.6	55.0
54	45.4	36.6	55.0

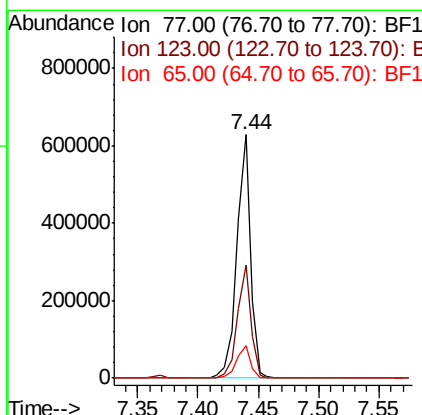
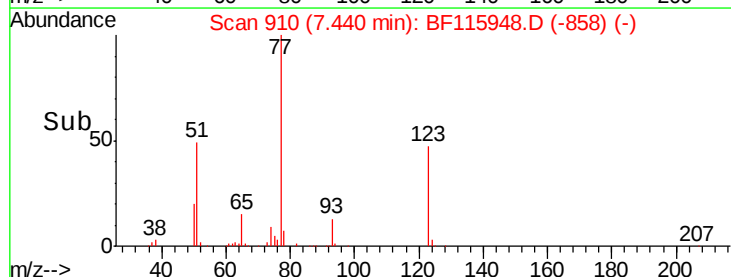
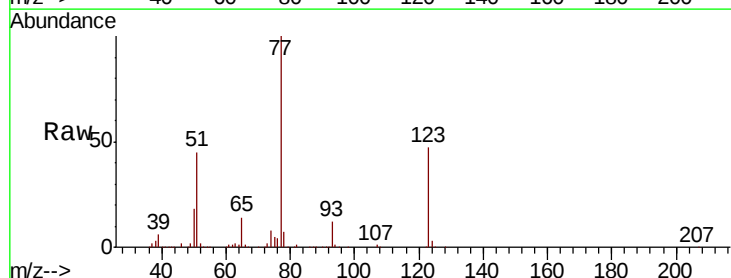
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#24
Nitrobenzene
Concen: 39.296 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	35.5	53.3
65	13.5	10.6	15.8





#25

Isophorone

Concen: 39.948 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

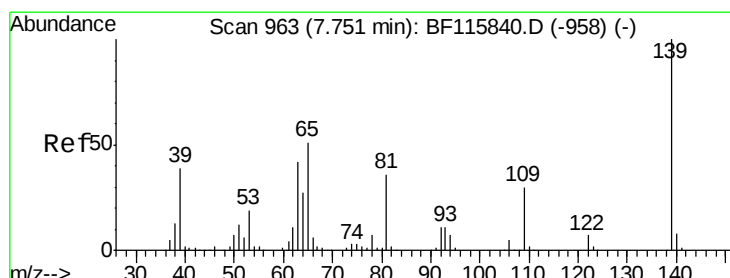
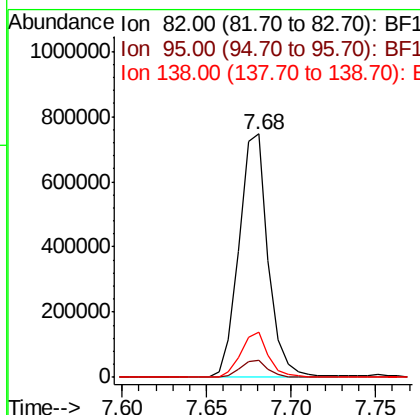
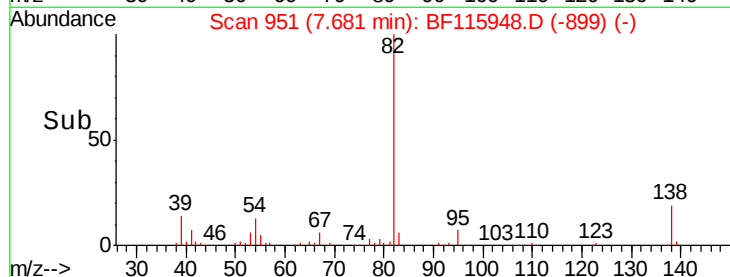
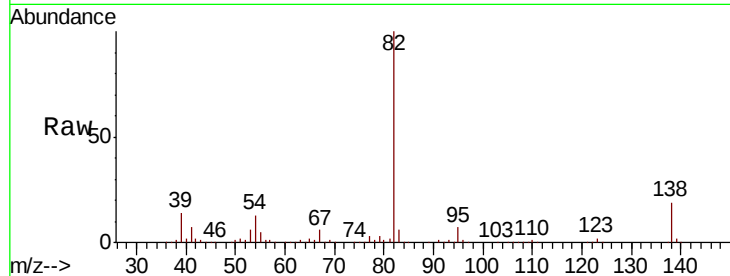
ClientSampleId :

SSTDCCC040

Tot Ion	82	Resp	897071
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.5	8.3
138	18.6	13.9	20.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.480 ng

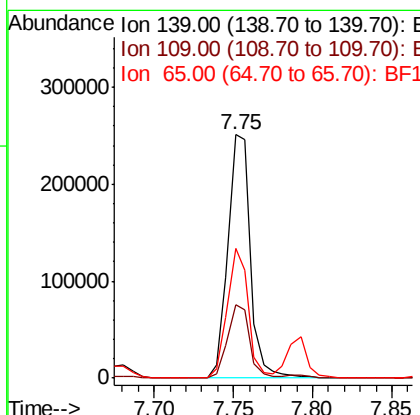
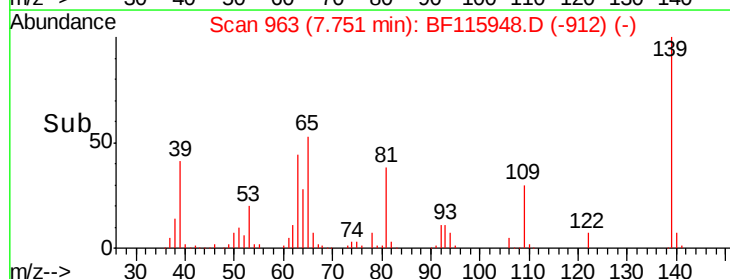
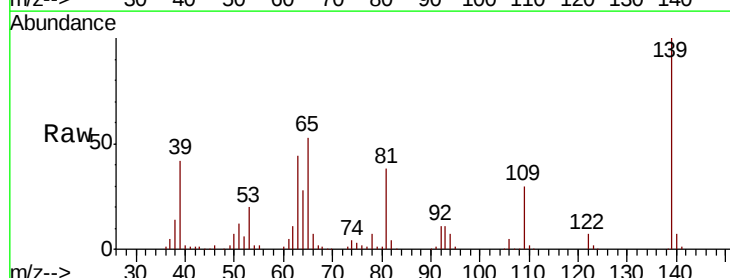
RT: 7.75 min Scan# 963

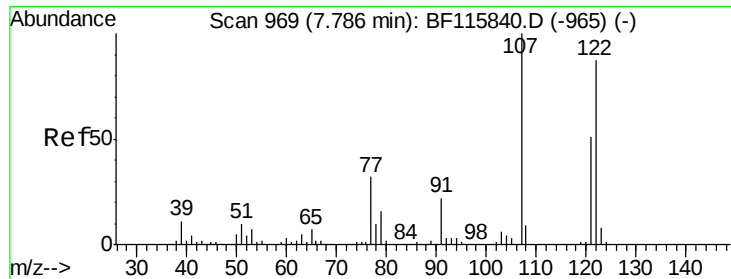
Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Tgt Ion	139	Resp	247943
Ion Ratio	Lower	Upper	
139	100		
109	30.4	23.6	35.4
65	53.4	40.6	60.8





#27

2,4-Dimethylphenol

Concen: 38.889 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

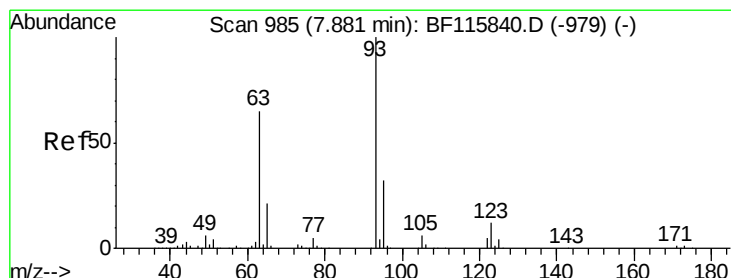
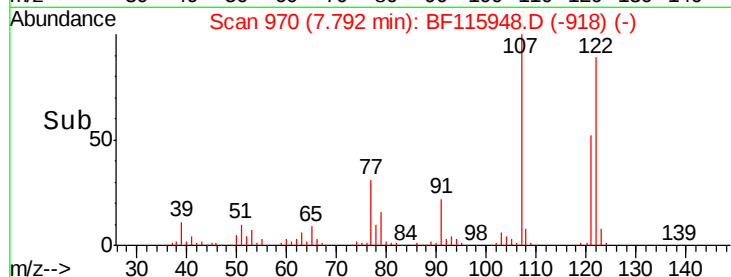
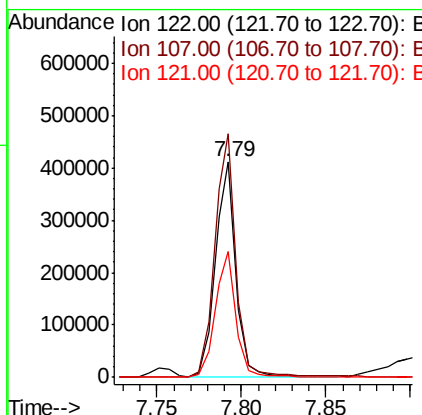
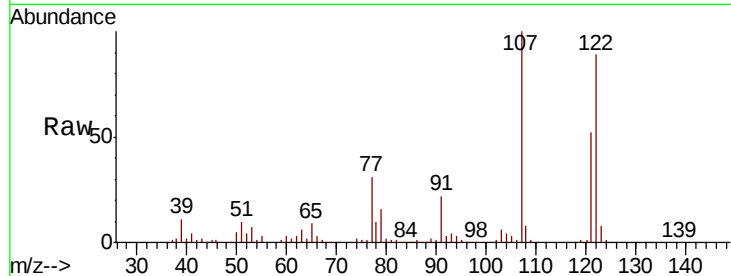
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	349727
Ion Ratio	Lower	Upper	
122	100		
107	112.9	91.7	137.5
121	58.3	46.6	70.0

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#28

bis(2-Chloroethoxy)methane

Concen: 40.331 ng

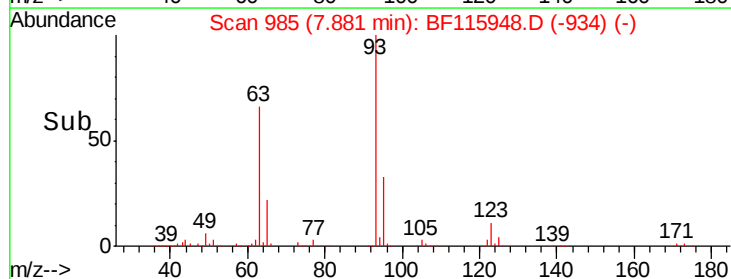
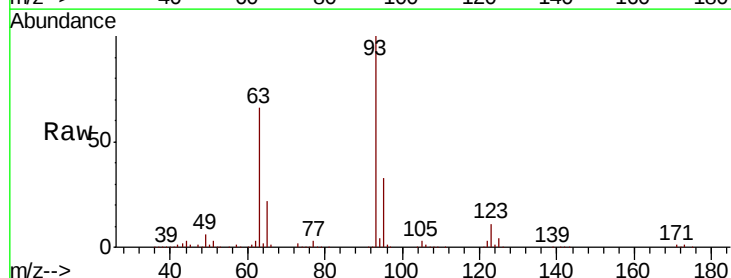
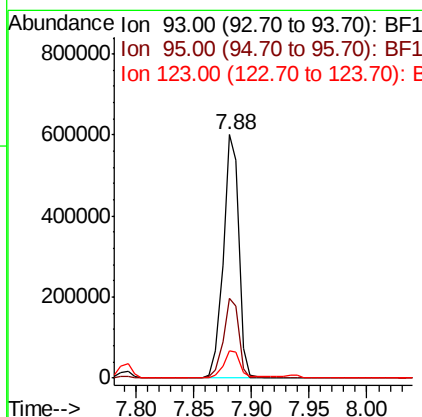
RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Tgt Ion:	93	Resp:	561353
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.0	39.0
123	11.3	9.5	14.3





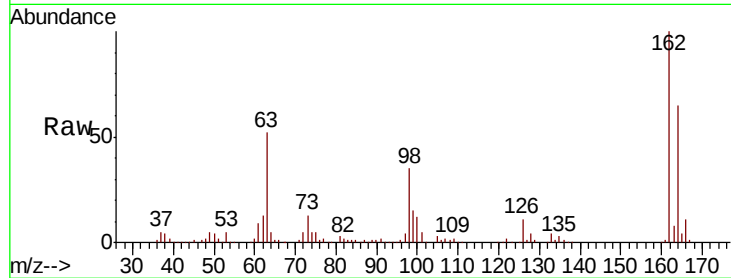
#29
2,4-Dichlorophenol
Concen: 39.888 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	378753		
164	64.9	43.2	83.2	
98	35.3	17.3	57.3	

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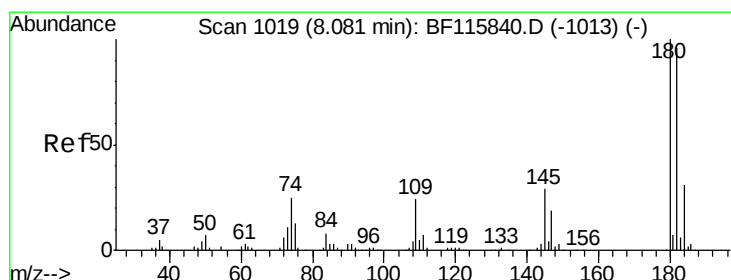
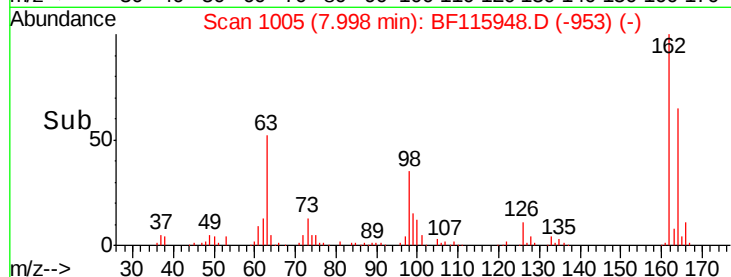
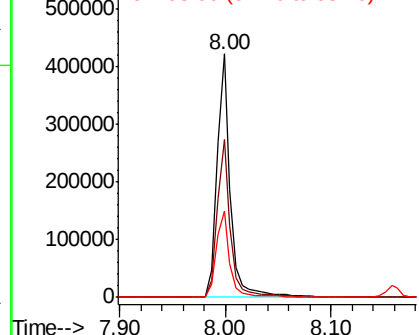


Abundance

Ion 162.00 (161.70 to 162.70): E

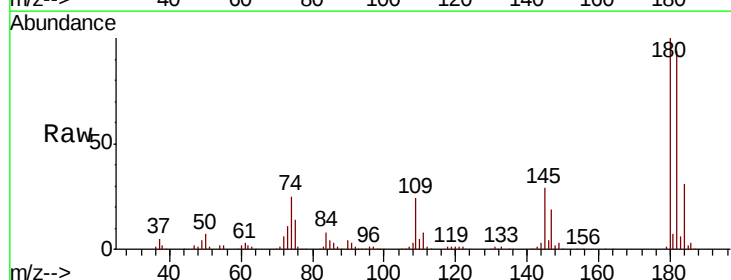
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.778 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	430551		
182	93.9	76.6	114.8	
145	29.1	23.2	34.8	

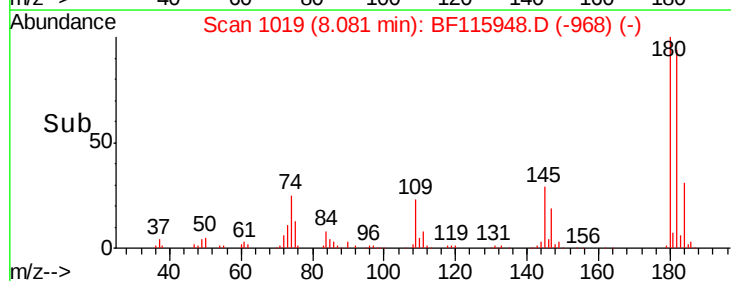
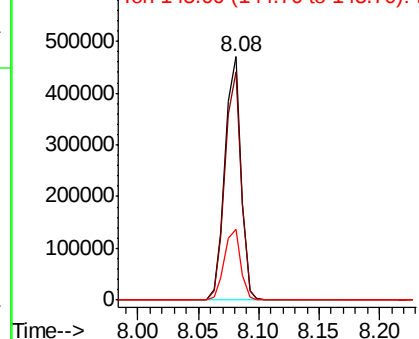


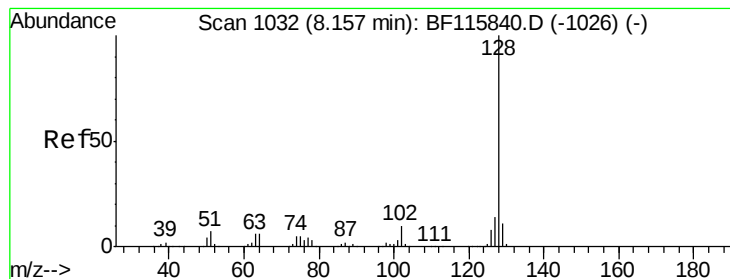
Abundance

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: 39.282 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1253085

Ion Ratio Lower Upper

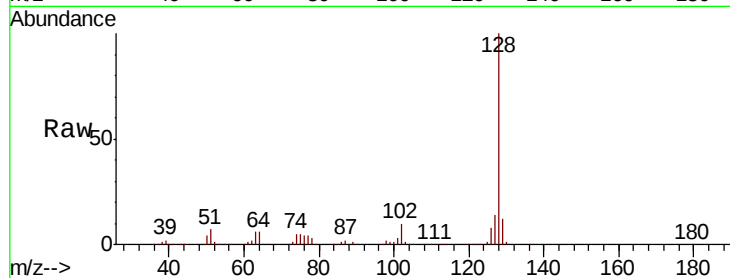
128 100

129 11.9 9.2 13.8

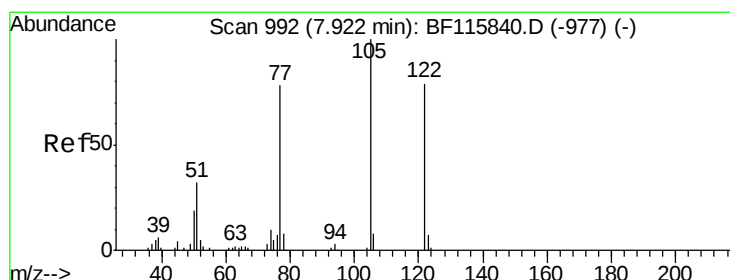
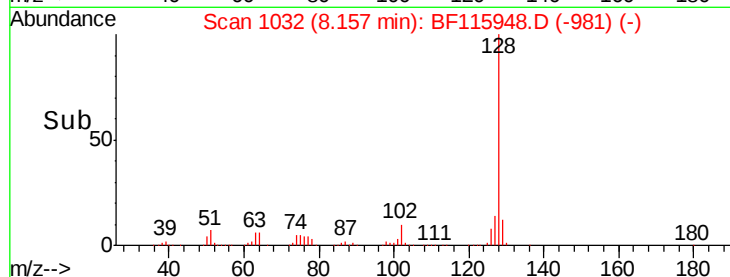
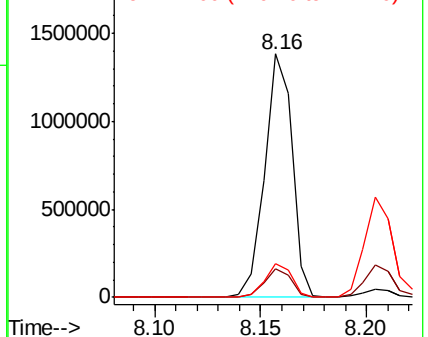
127 14.1 11.0 16.4

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



#32

Benzoic acid

Concen: 33.223 ng m

RT: 7.94 min Scan# 995

Delta R.T. 0.02 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

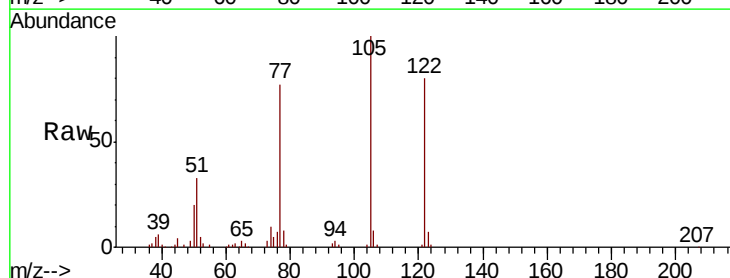
Tgt Ion:122 Resp: 210643

Ion Ratio Lower Upper

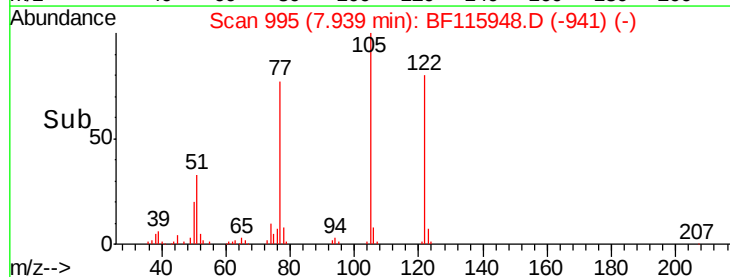
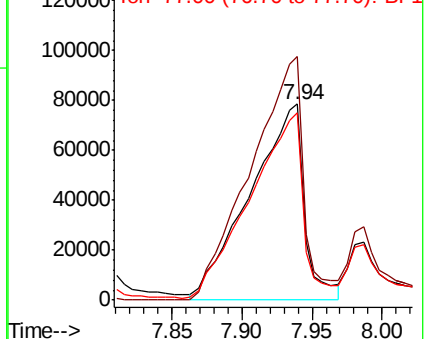
122 100

105 124.2 103.1 143.1

77 95.6 76.8 116.8



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





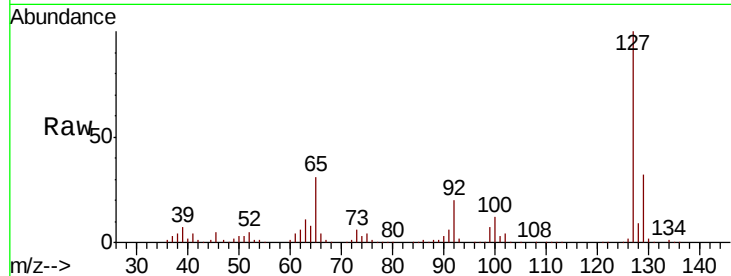
#33
4-Chloroaniline
Concen: 39.673 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.0	39.0	
65	31.5	23.9	35.9	
92	19.6	14.9	22.3	

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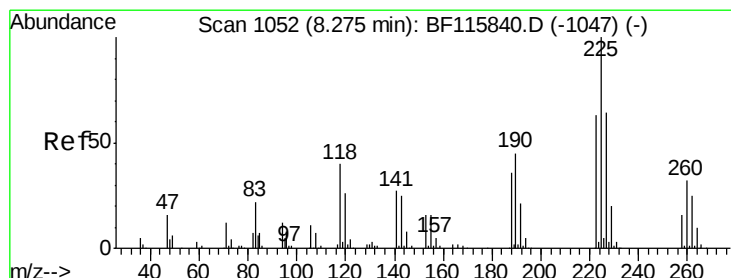
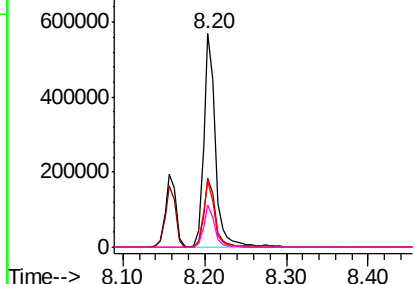
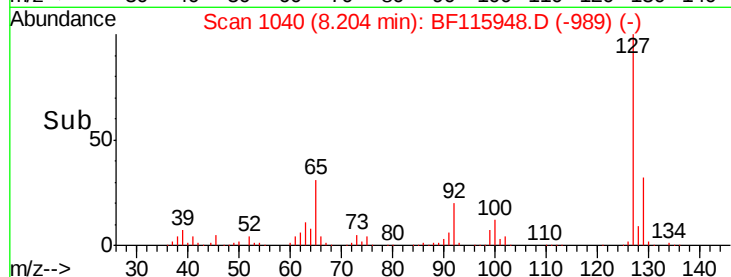
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

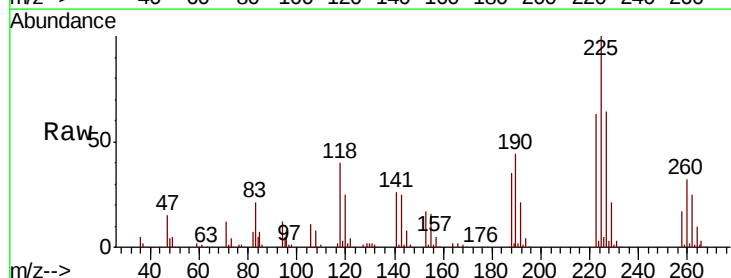
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.473 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	50.4	75.6	
227	63.9	51.6	77.4	

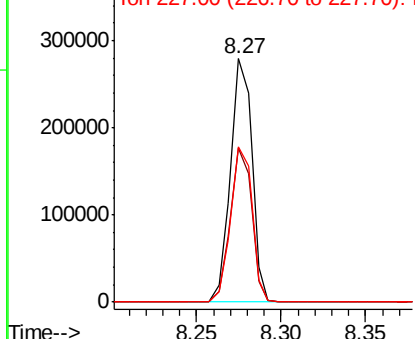
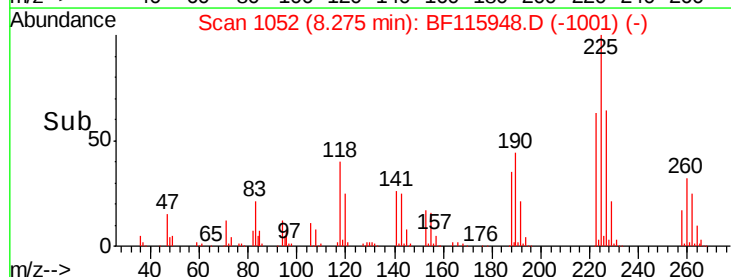


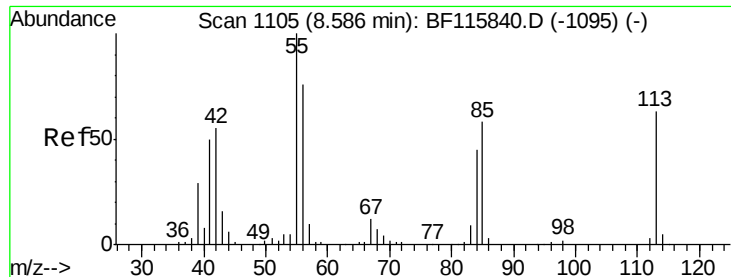
Abundance

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





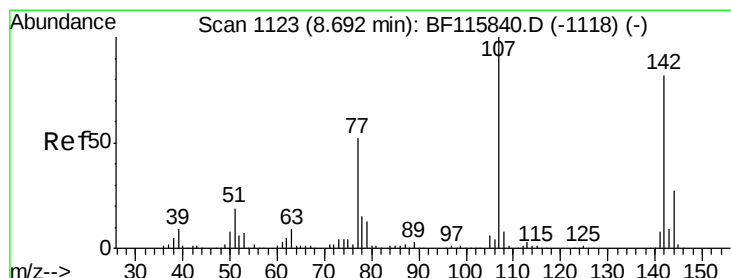
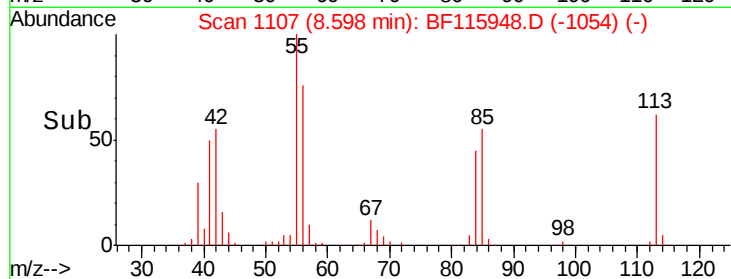
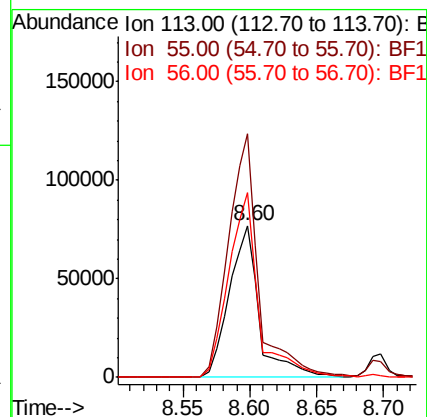
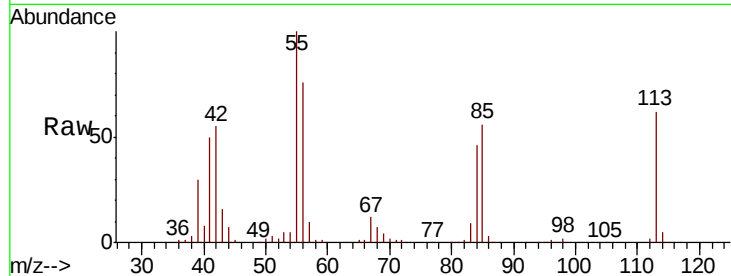
#35
Caprolactam
Concen: 39.652 ng
RT: 8.60 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	160.6	138.1	178.1
56	122.0	100.6	140.6

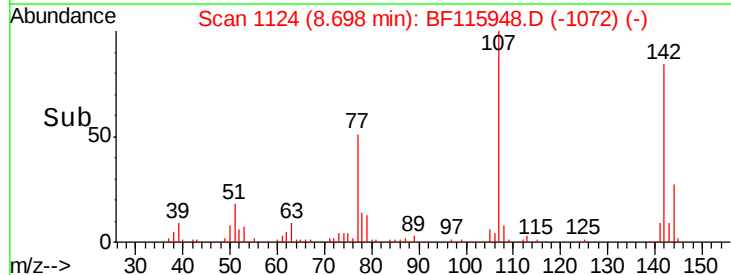
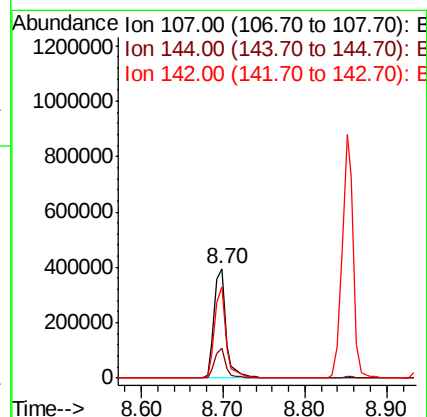
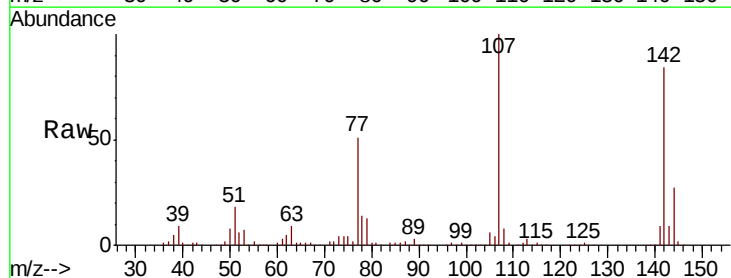
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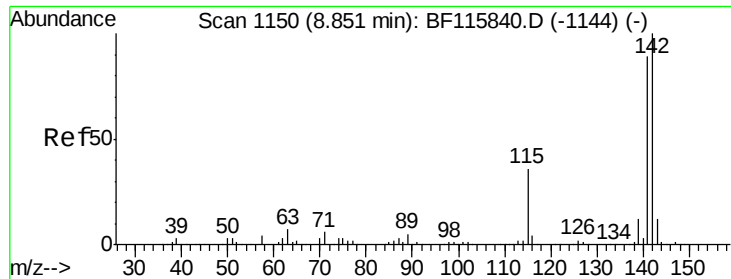
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#36
4-Chloro-3-methylphenol
Concen: 40.389 ng
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	21.4	32.0
142	83.7	65.5	98.3





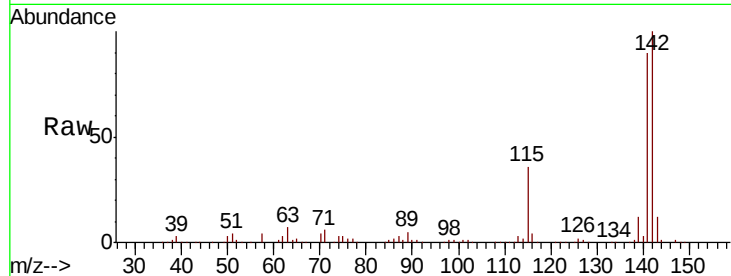
#37
2-Methylnaphthalene
Concen: 39.620 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.4	107.2
115	36.5	28.9	43.3

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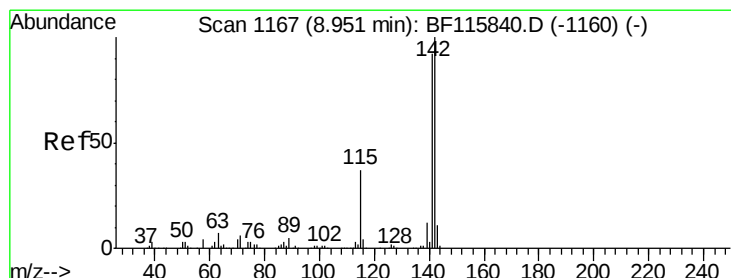
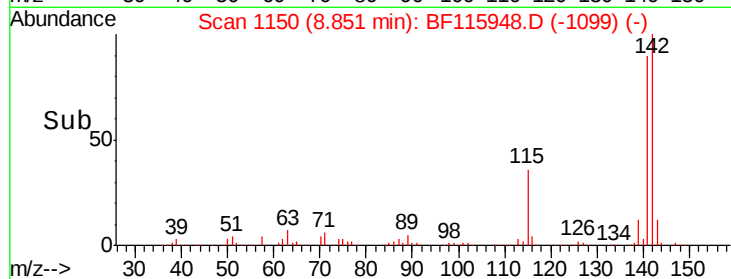
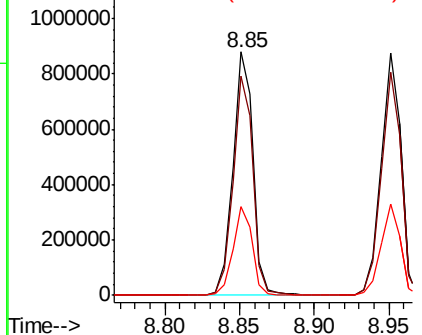


Abundance

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: 40.059 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

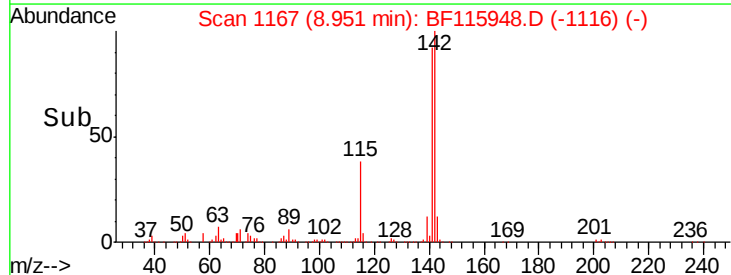
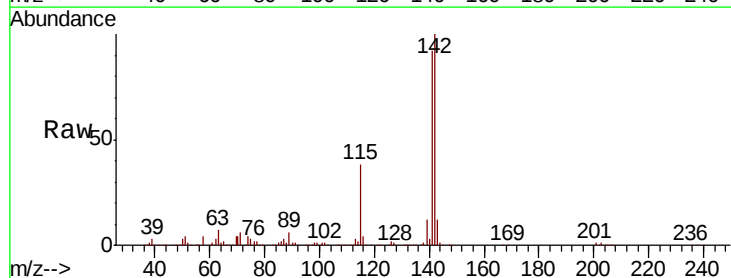
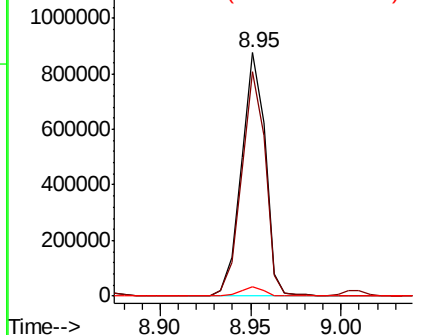
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.8	110.6
116	4.0	3.1	4.7

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





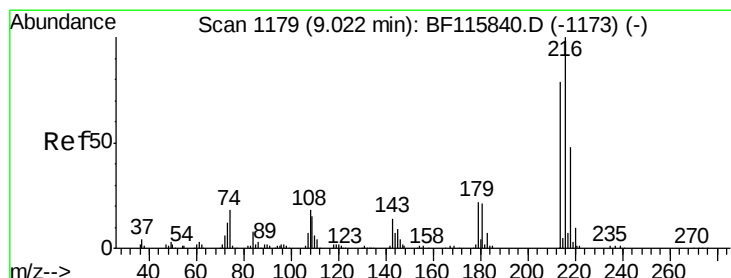
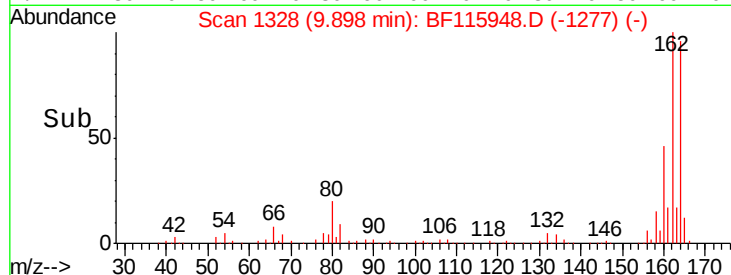
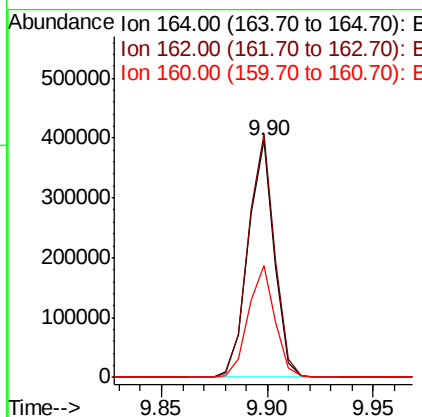
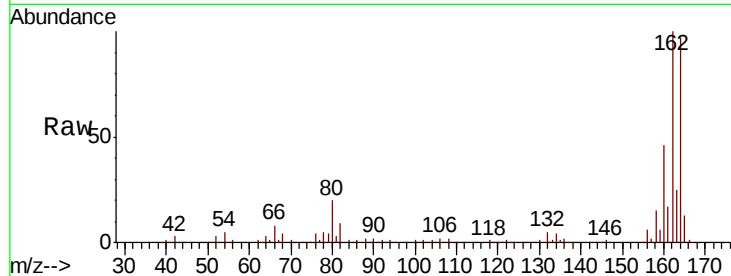
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.8	121.2
160	47.1	36.2	54.4

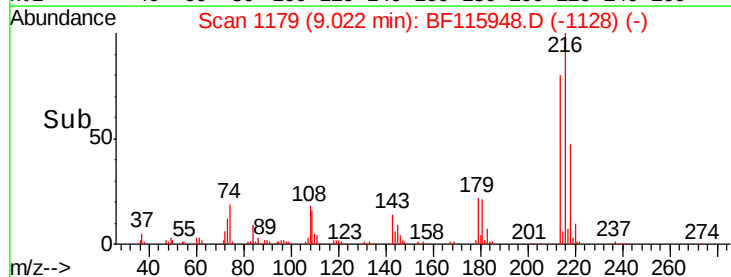
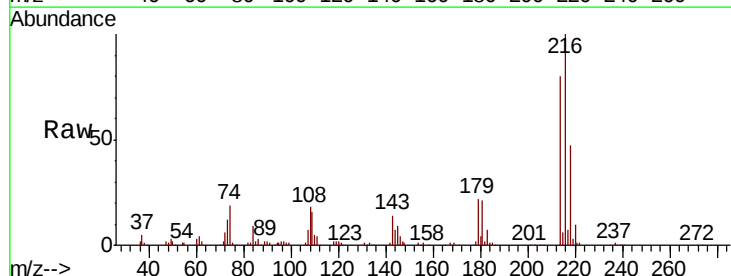
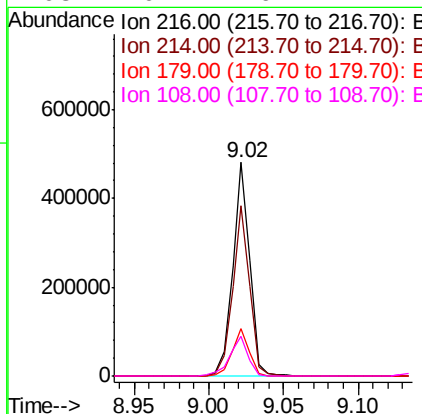
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.570 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.8	94.2
179	22.1	17.6	26.4
108	20.1	16.1	24.1





#41

Hexachlorocyclopentadiene

Concen: 35.556 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

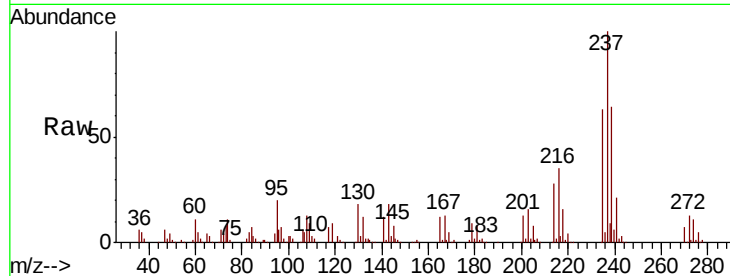
ClientSampleId :

SSTDCCC040

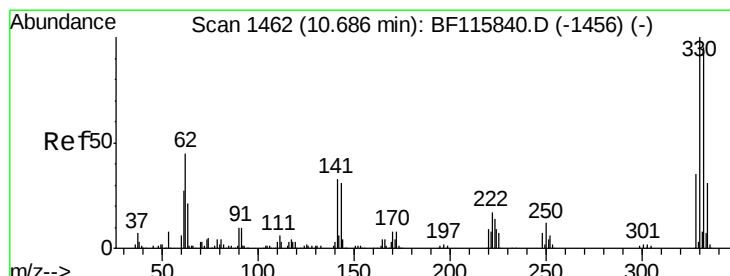
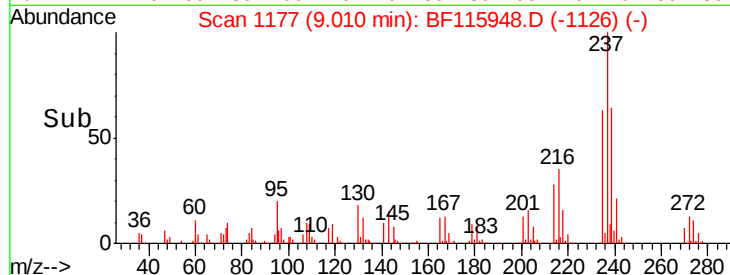
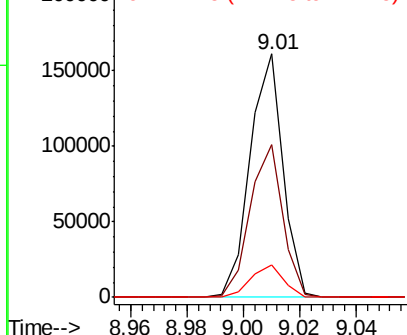
Tot Ion:	237	Resp:	130317
Ion Ratio	Lower	Upper	
237	100		
235	63.0	42.5	82.5
272	13.4	0.0	33.3

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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: 86.776 ng

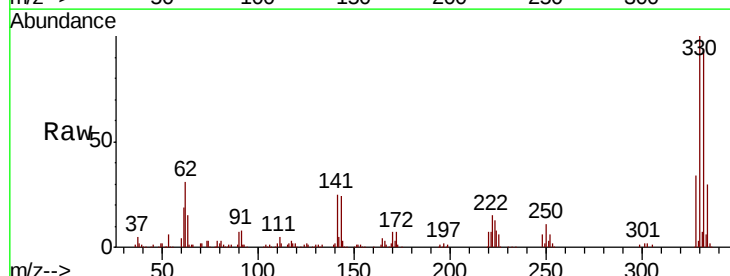
RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

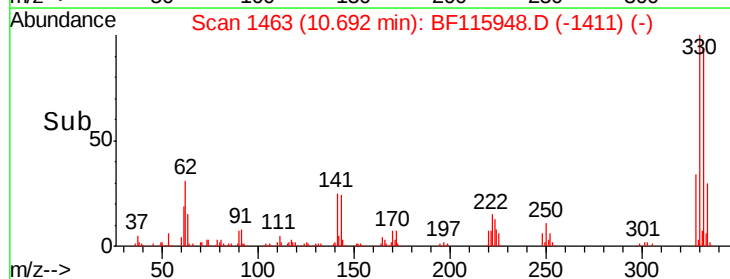
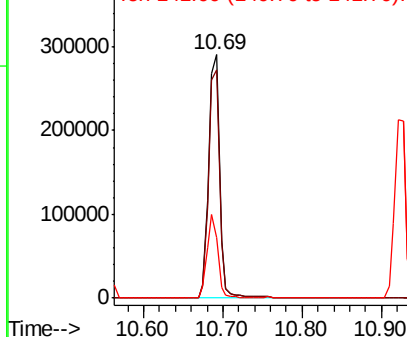
Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Tgt Ion:	330	Resp:	285445
Ion Ratio	Lower	Upper	
330	100		
332	94.7	77.7	116.5
141	33.2	28.1	42.1



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





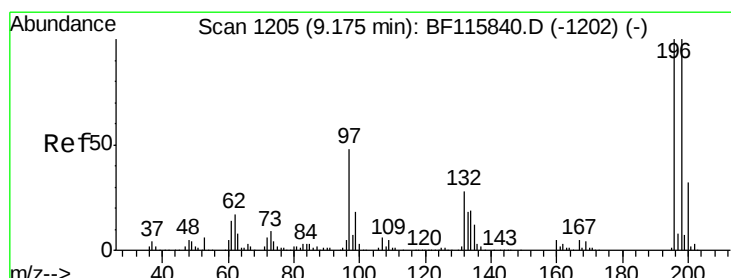
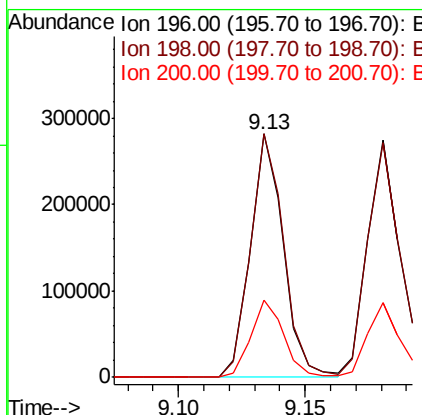
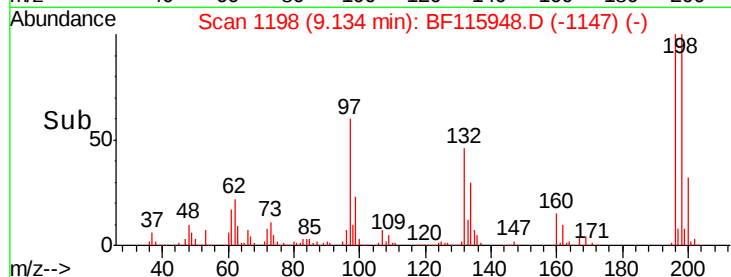
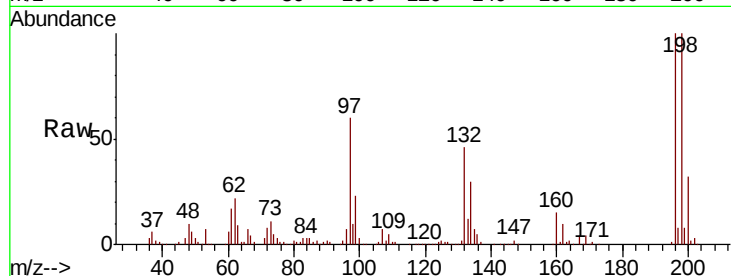
#43
 2,4,6-Trichlorophenol
 Concen: 40.859 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	255098		
198	100.0	79.1	118.7	
200	31.8	26.0	39.0	

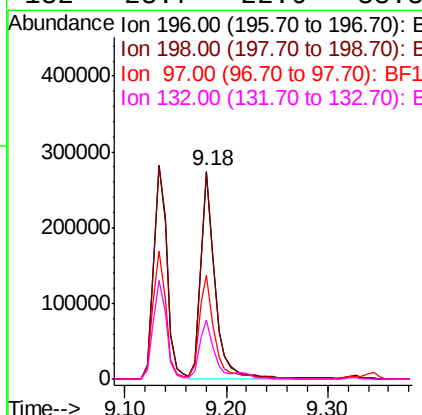
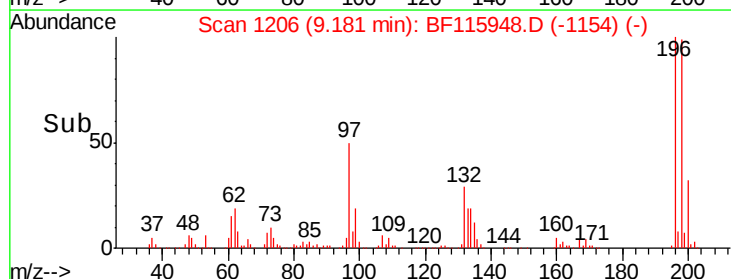
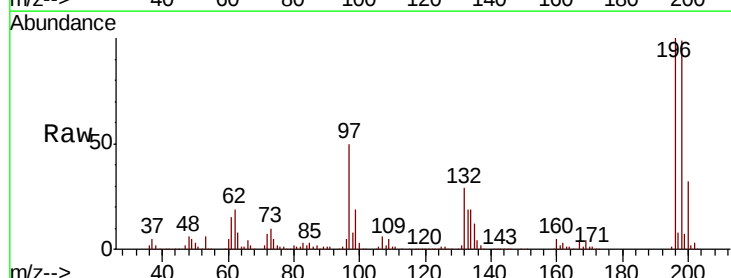
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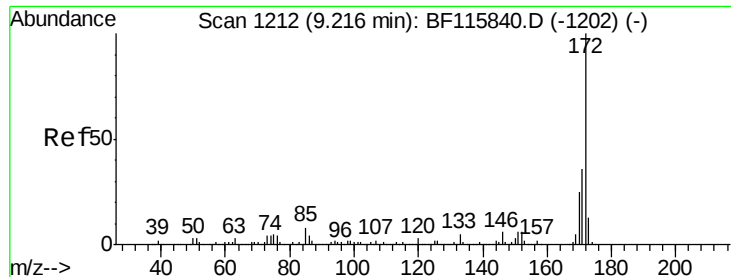
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.702 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	269134		
198	99.1	80.1	120.1	
97	49.9	38.9	58.3	
132	28.7	22.6	33.8	





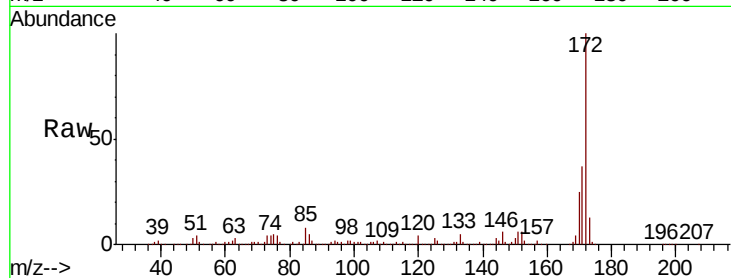
#45
2-Fluorobiphenyl
Concen: 82.110 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.1	43.7
170	25.3	20.1	30.1

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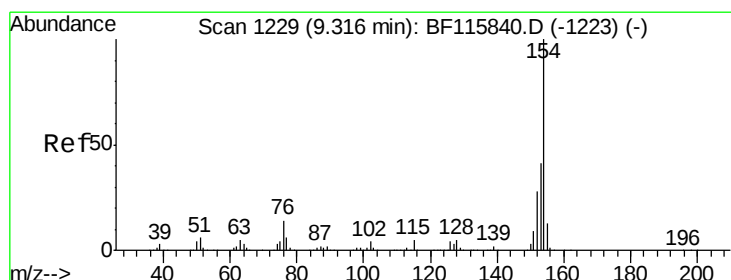
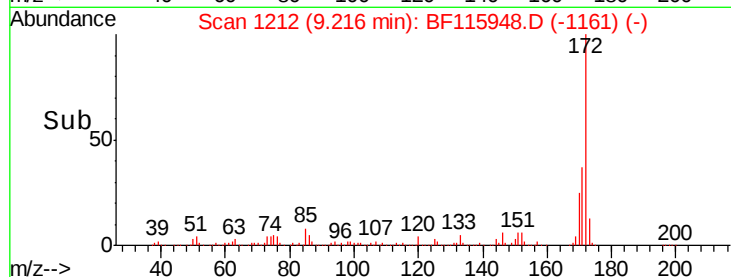
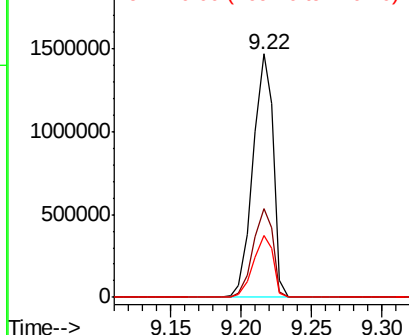


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.904 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

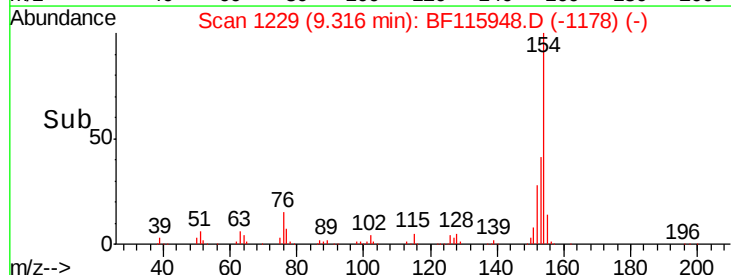
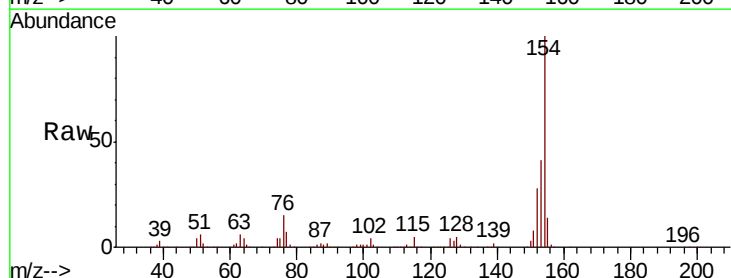
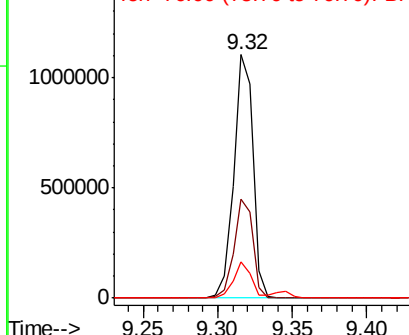
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.9	60.9
76	14.7	0.0	34.3

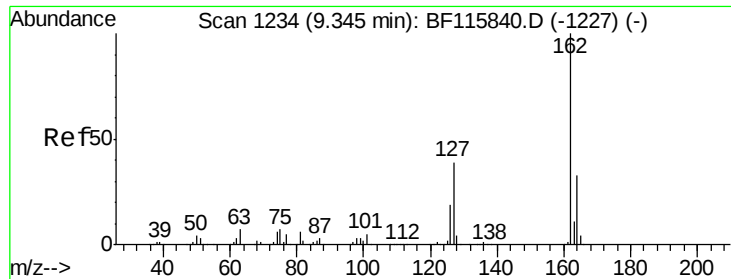
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





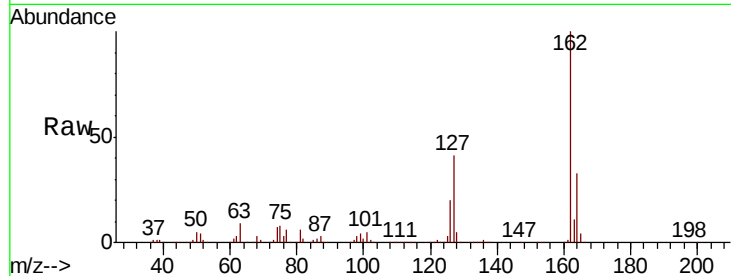
#47
 2-Chloronaphthalene
 Concen: 41.411 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	825579		
127	41.1		31.3	46.9
164	33.5		26.6	40.0

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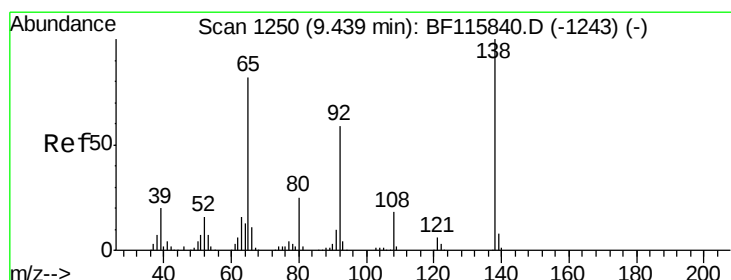
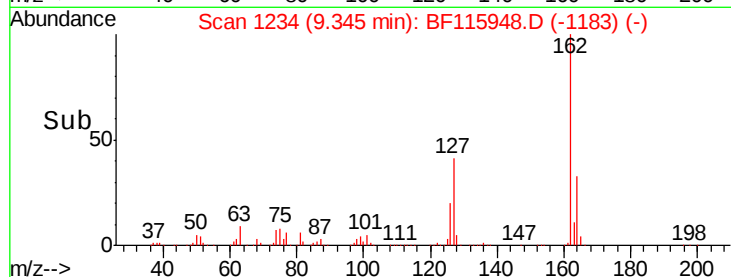
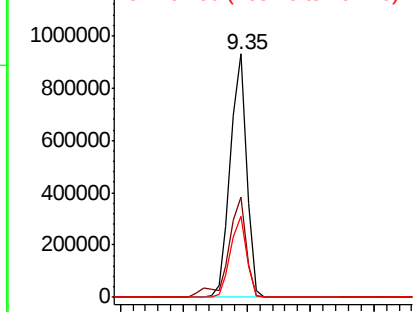


Abundance

Ion 162.00 (161.70 to 162.70): E

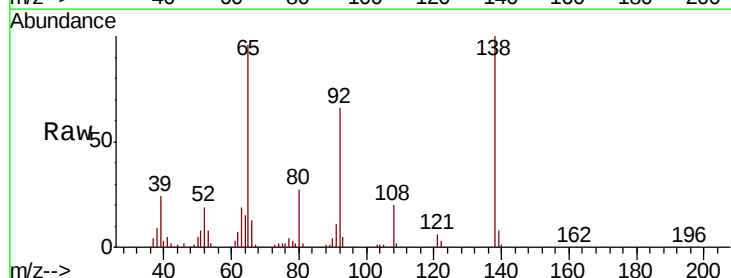
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 42.279 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	278609		
92	68.9		57.1	85.7
138	104.1		97.1	145.7

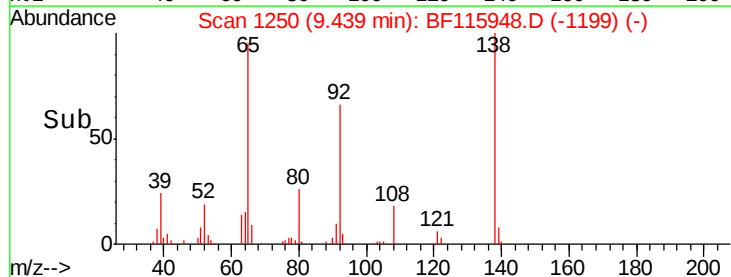
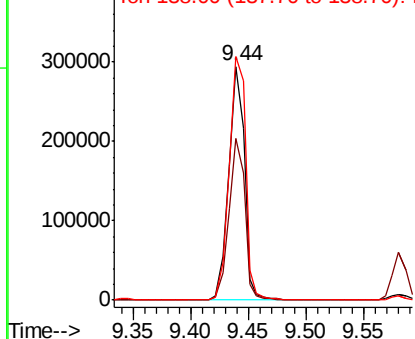


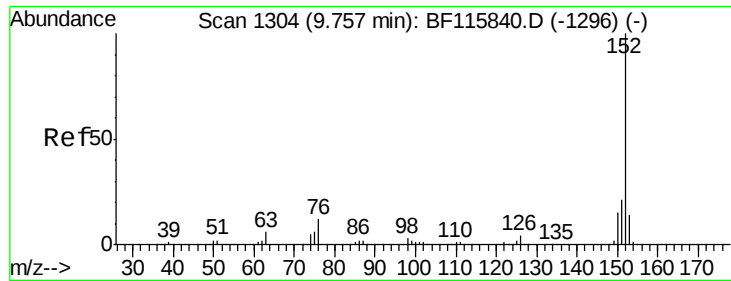
Abundance

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: 42.835 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1245852

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

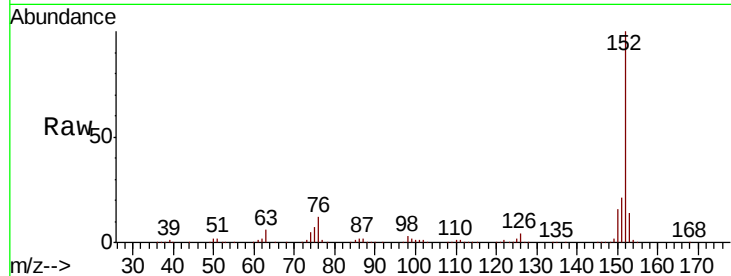
153 14.3 11.6 17.4

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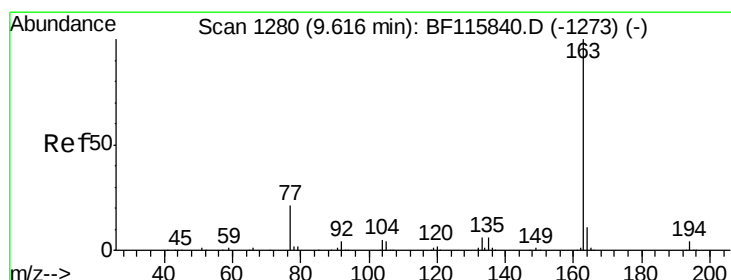
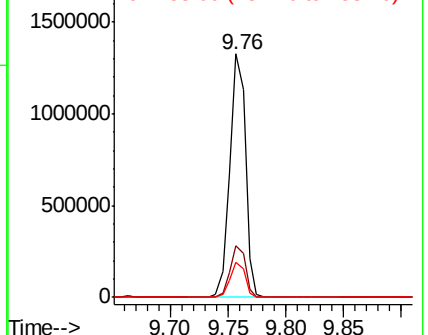
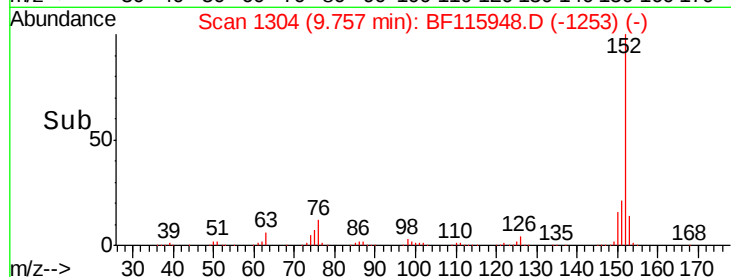
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.911 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

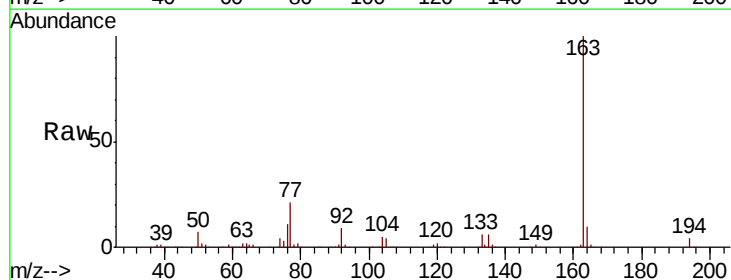
Tgt Ion:163 Resp: 991318

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

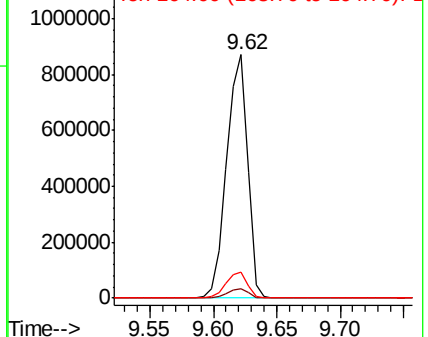
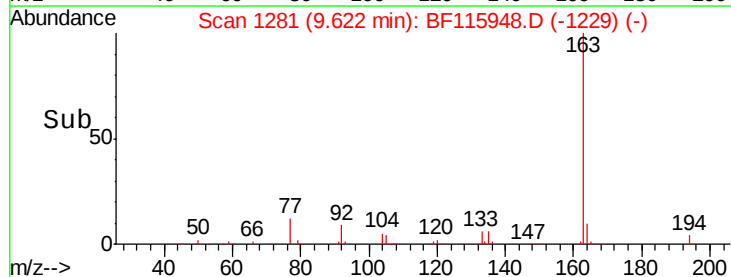
164 10.5 8.4 12.6

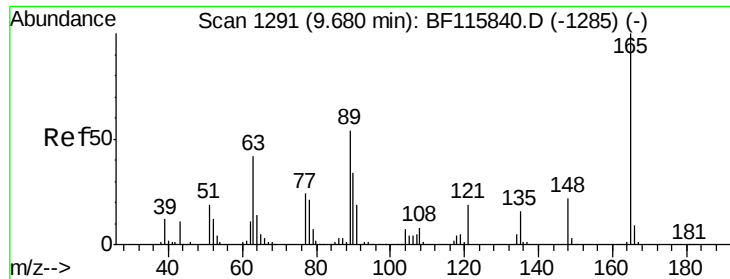


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





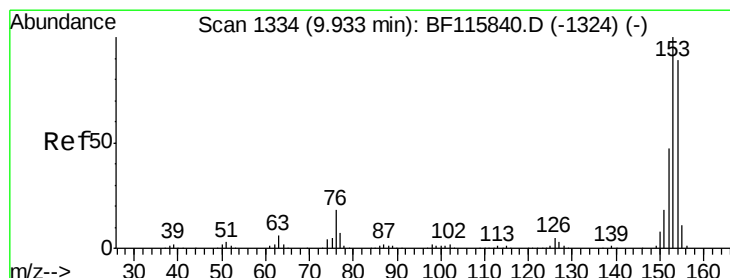
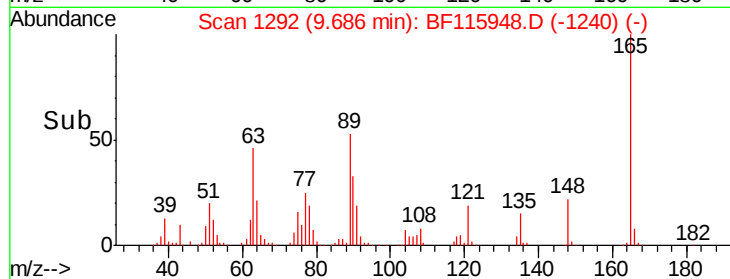
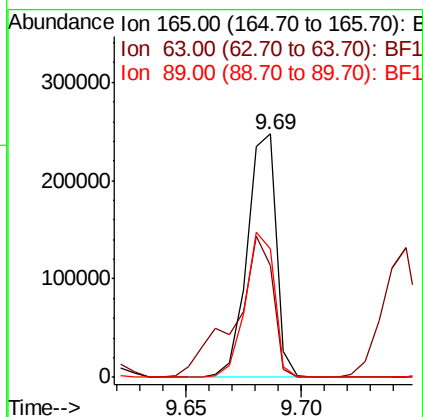
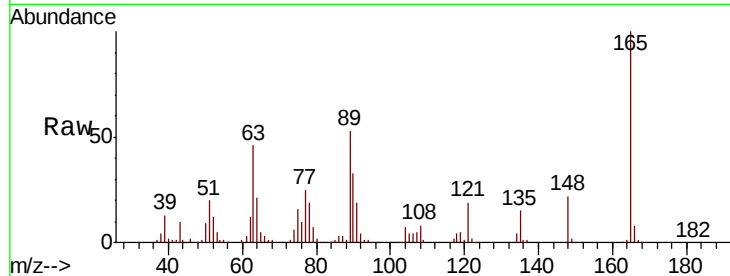
#51
 2,6-Dinitrotoluene
 Concen: 43.495 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	165	Resp:	218359
Ion Ratio	Lower	Upper	
165	100		
63	45.9	39.4	59.2
89	52.7	43.0	64.6

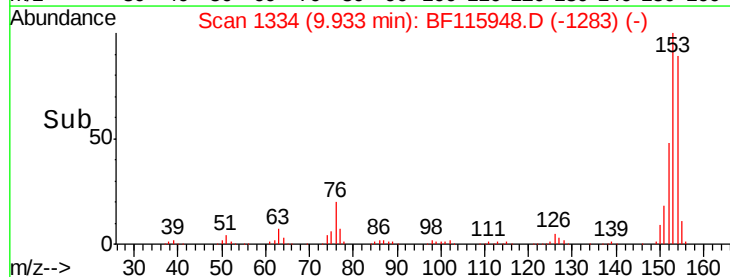
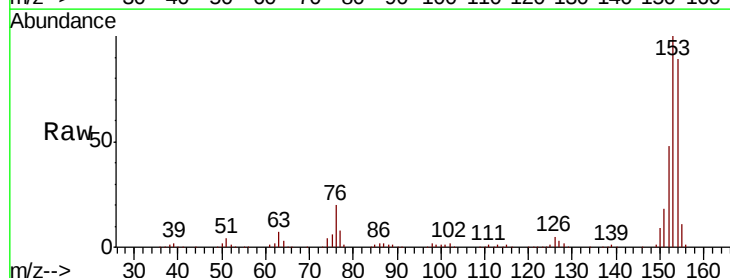
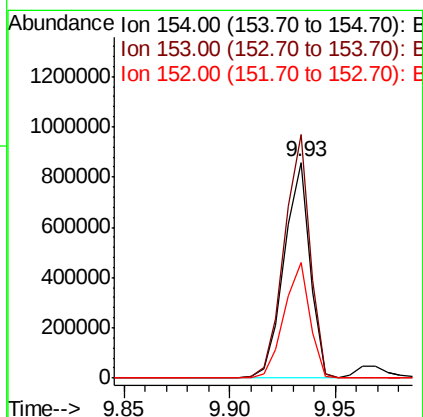
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#52
 Acenaphthene
 Concen: 41.128 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Tgt Ion:	154	Resp:	733867
Ion Ratio	Lower	Upper	
154	100		
153	113.0	90.1	135.1
152	53.8	42.6	63.8





#53

3-Nitroaniline

Concen: 41.725 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

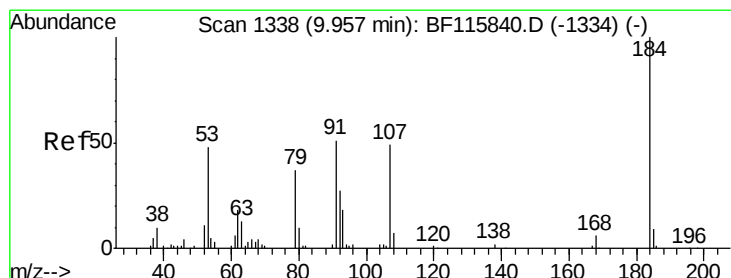
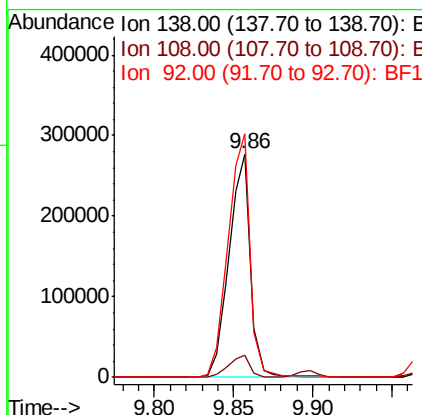
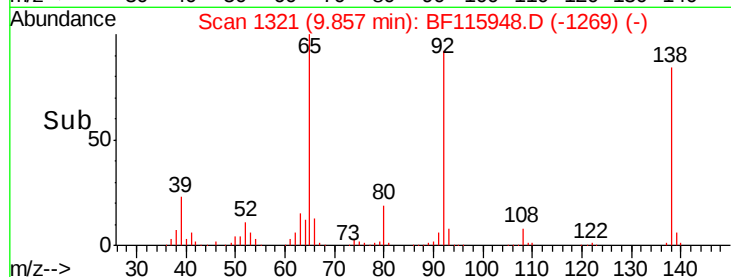
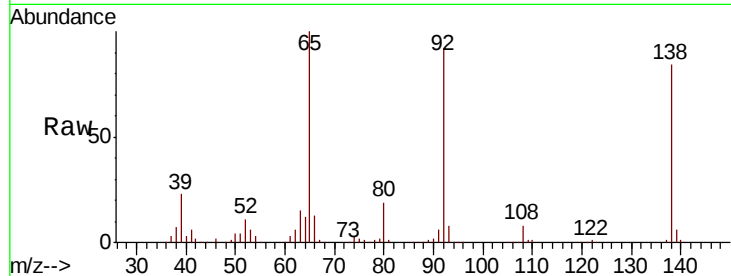
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.4	11.2
92	108.8	83.9	125.9

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#54

2,4-Dinitrophenol

Concen: 37.538 ng

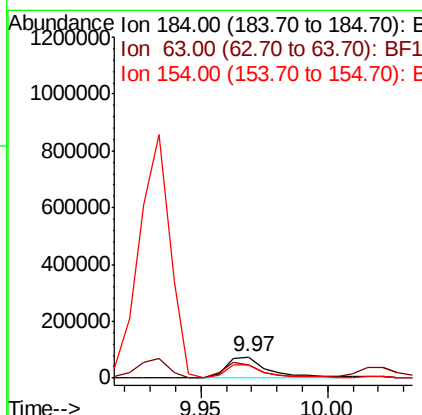
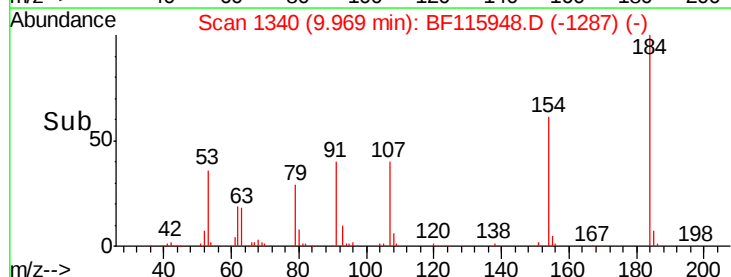
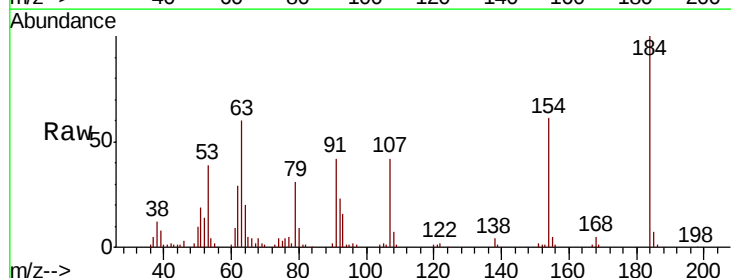
RT: 9.97 min Scan# 1340

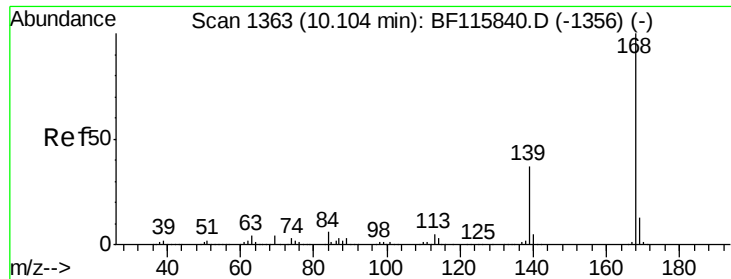
Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.1	56.7	85.1
154	61.5	51.9	77.9





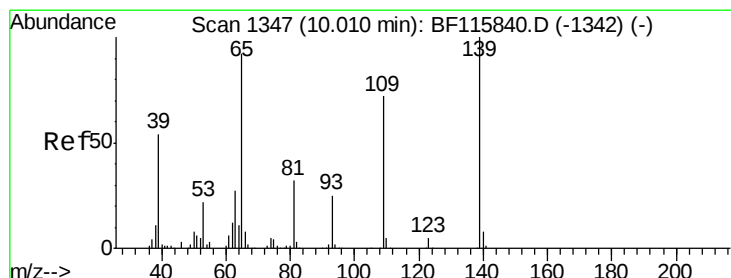
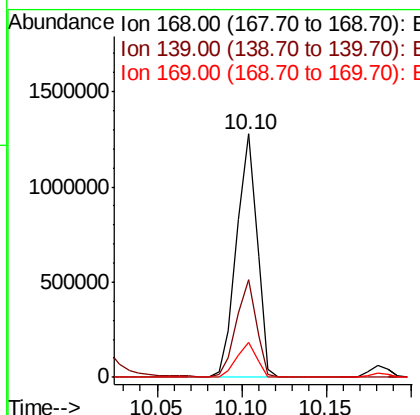
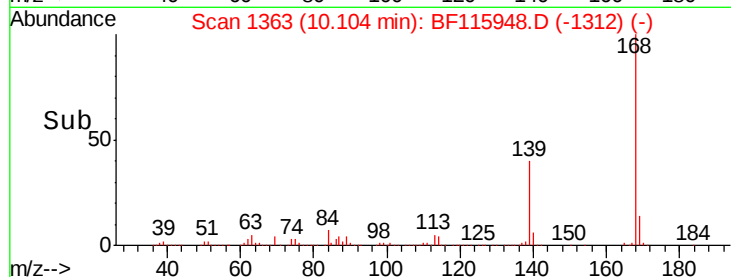
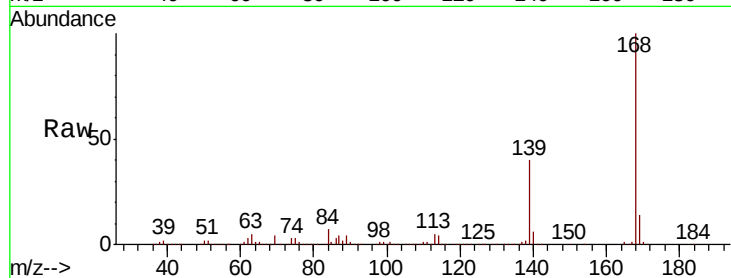
#55
Dibenzofuran
Concen: 41.787 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	30.2	45.2
169	14.1	10.8	16.2

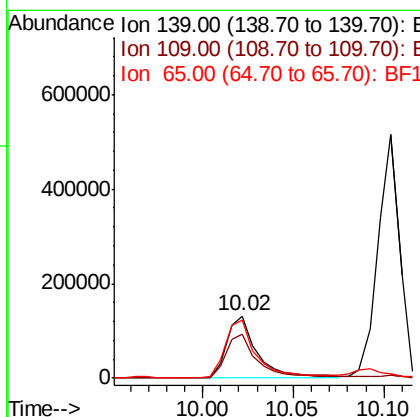
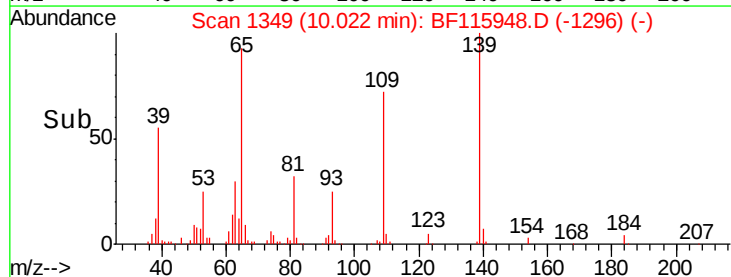
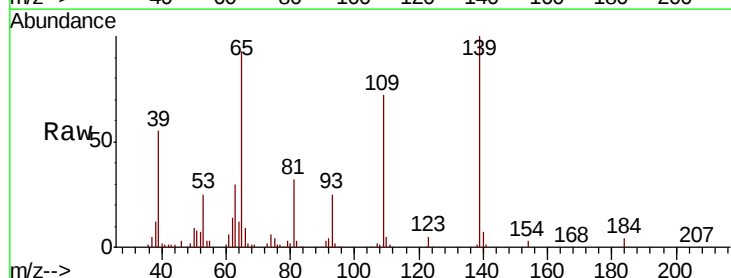
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#56
4-Nitrophenol
Concen: 39.497 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.9	52.0	92.0
65	93.1	72.6	112.6





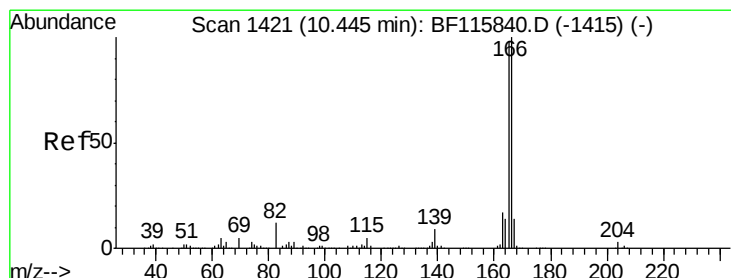
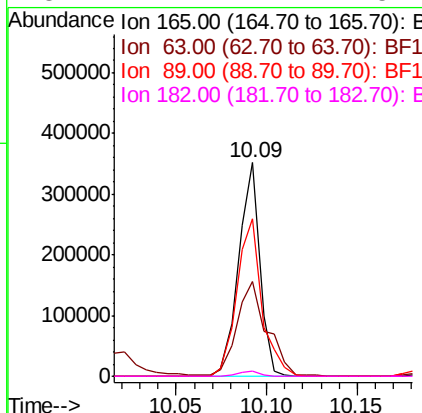
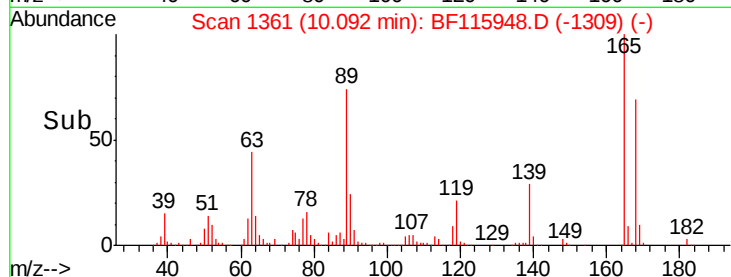
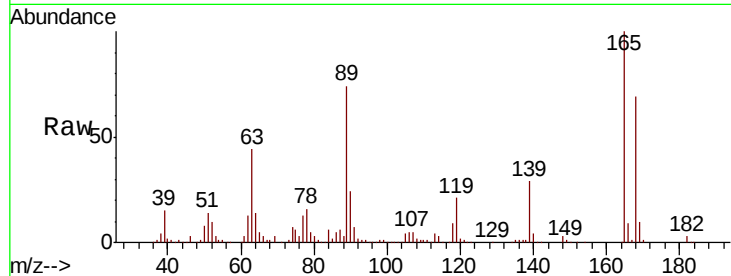
#57
2,4-Dinitrotoluene
Concen: 42.825 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	286251		
63	44.1		33.2	49.8
89	73.6		57.3	85.9
182	2.7		2.1	3.1

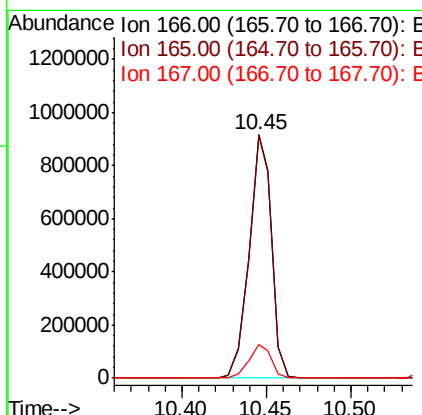
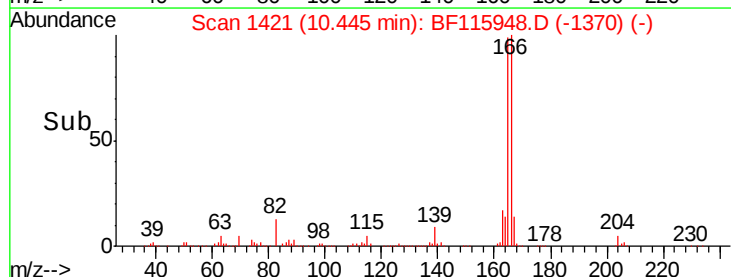
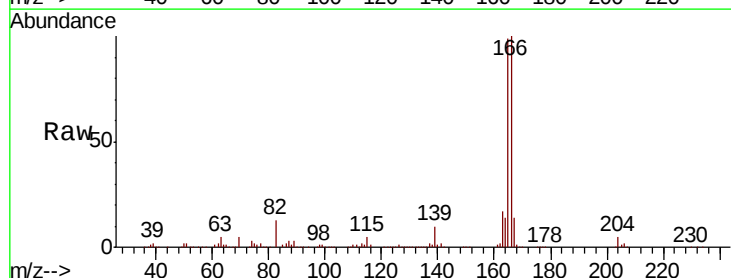
Manual Integrations
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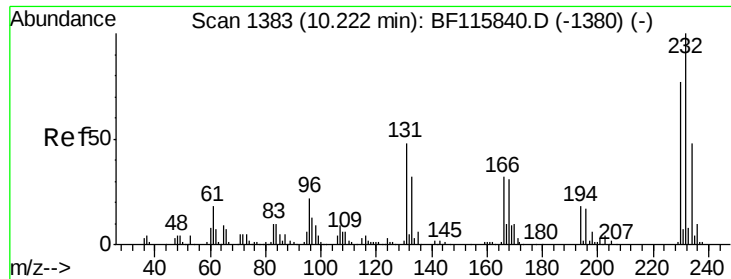
mohammad
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#58
Fluorene
Concen: 42.436 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	847212		
165	99.5		78.6	118.0
167	14.0		10.9	16.3





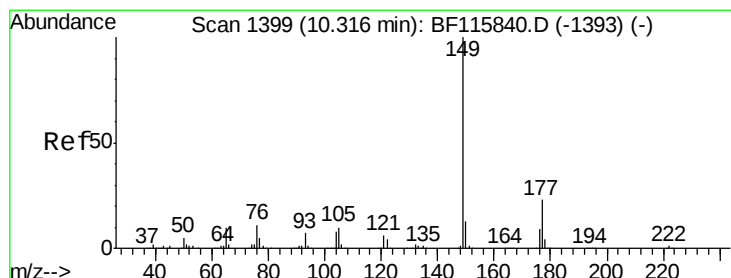
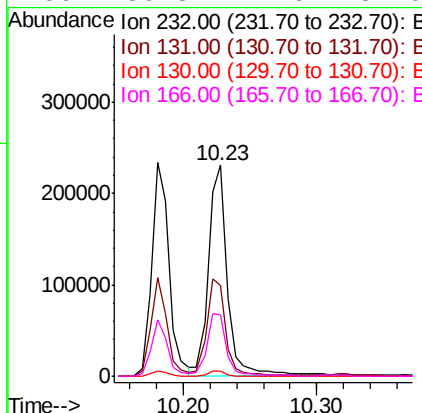
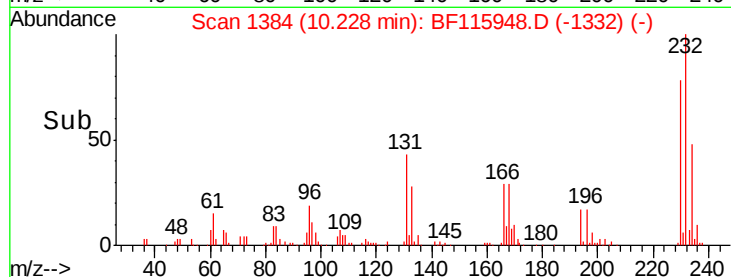
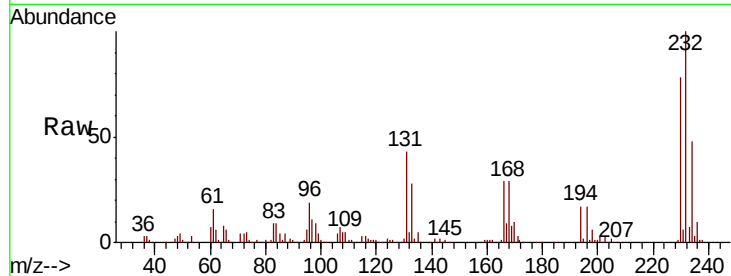
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.581 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		225771		
131	46.7	37.6	56.4		
130	2.3	1.8	2.8		
166	30.3	24.6	37.0		

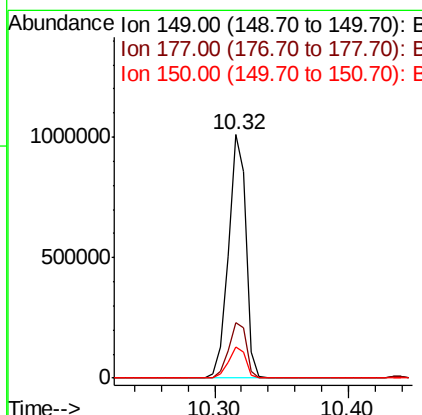
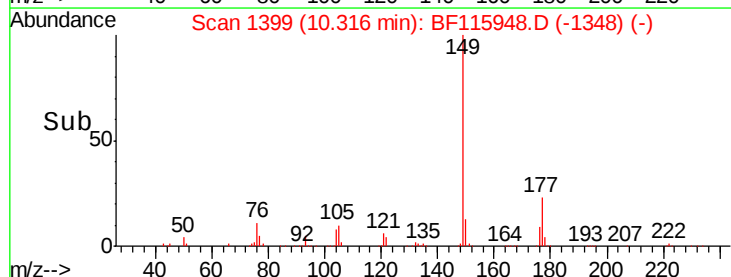
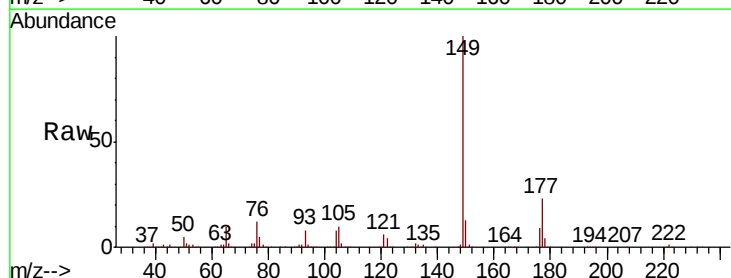
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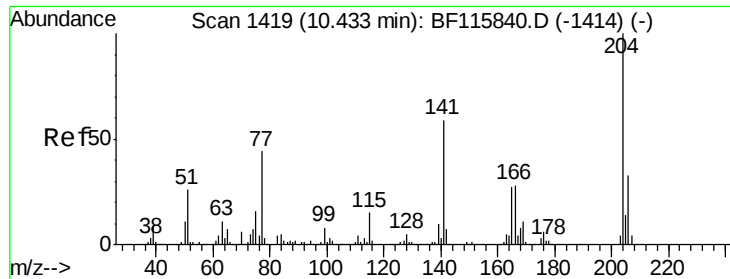
mohammad
8/8/2019 4:44:14 PM



#60
Diethylphthalate
Concen: 43.210 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		931951		
177	22.9	18.4	27.6		
150	12.8	10.1	15.1		





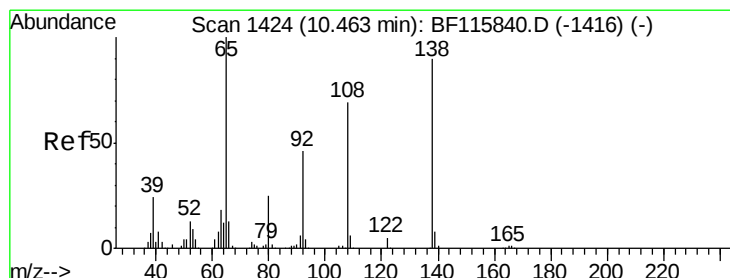
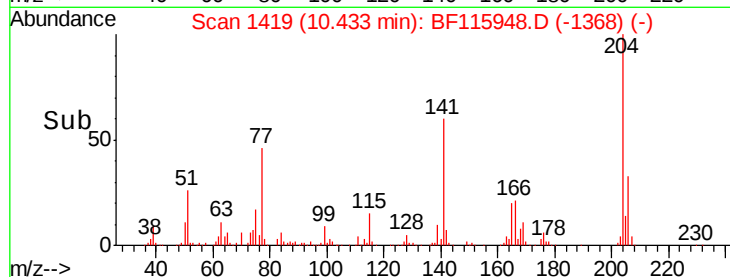
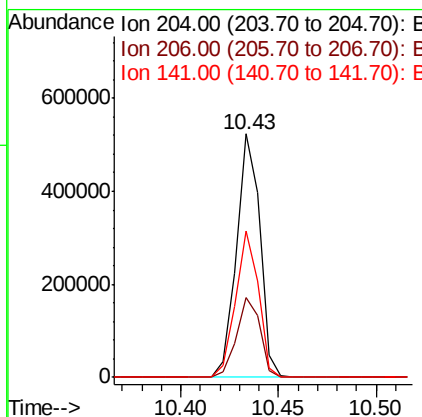
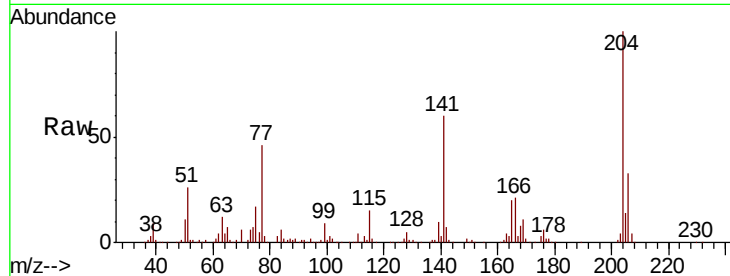
#61
4-Chlorophenyl-phenylether
Concen: 42.995 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.4	39.6
141	60.3	47.0	70.4

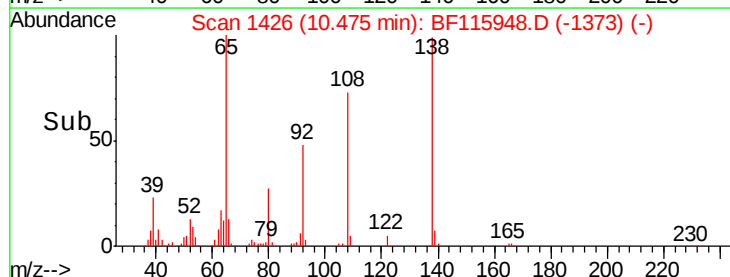
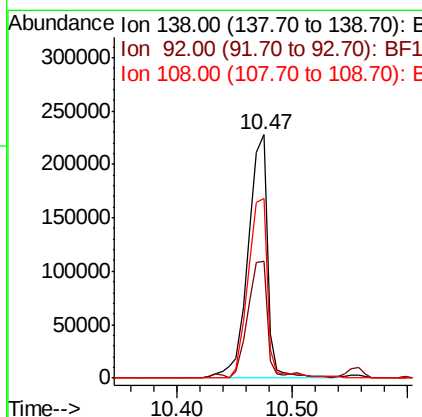
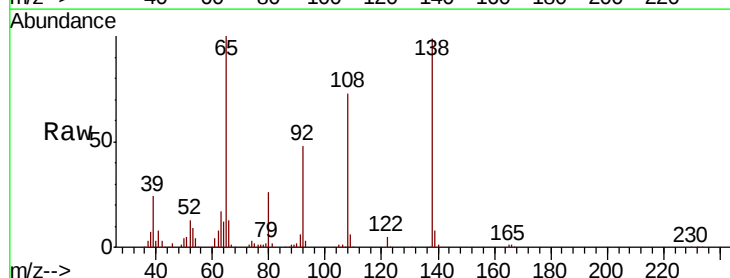
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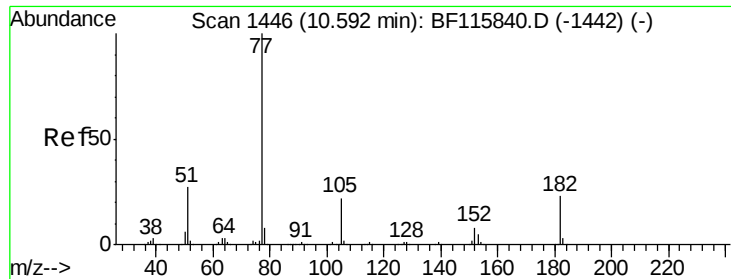
mohammad
8/8/2019 4:44:14 PM



#62
4-Nitroaniline
Concen: 41.787 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.2	31.0	71.0
108	73.5	56.7	96.7





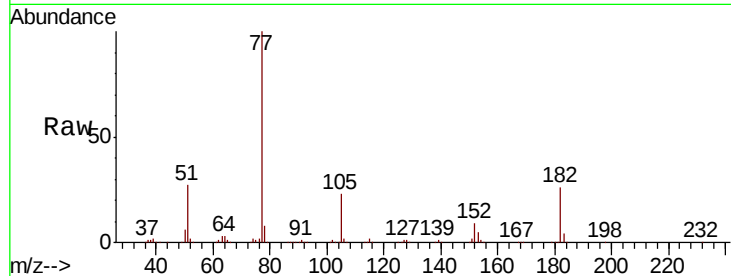
#63
Azobenzene
Concen: 43.030 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

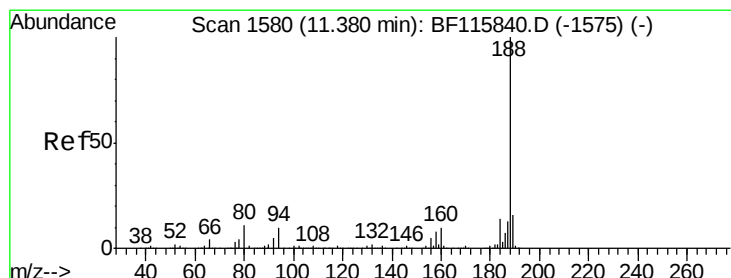
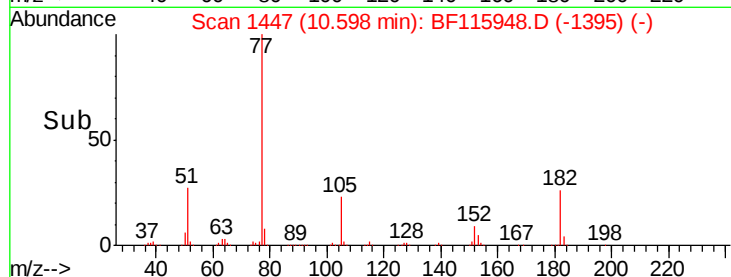
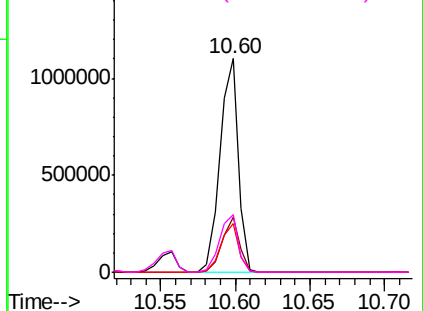
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.9	2.6	42.6	
105	22.6	1.6	41.6	
51	27.0	7.4	47.4	

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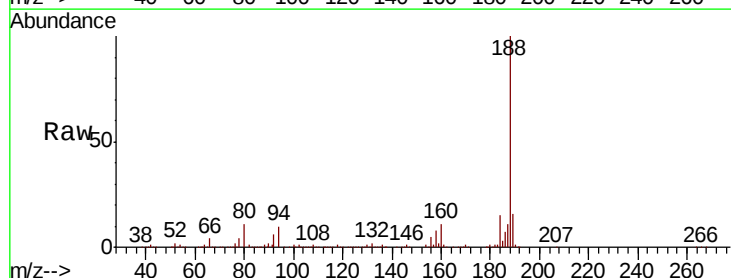


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

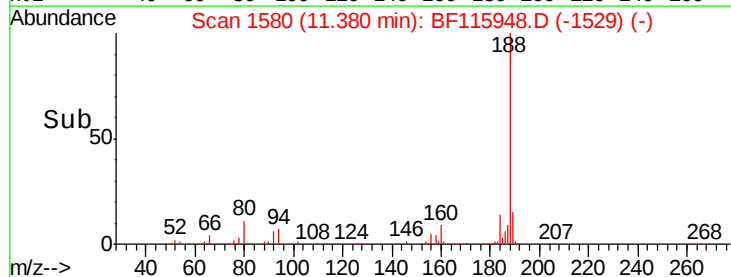
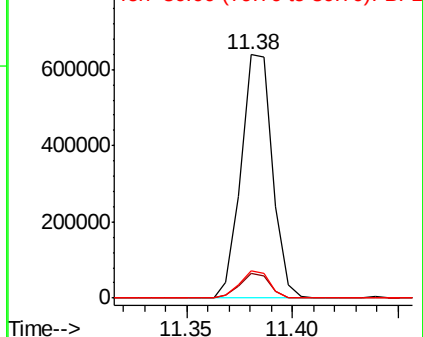


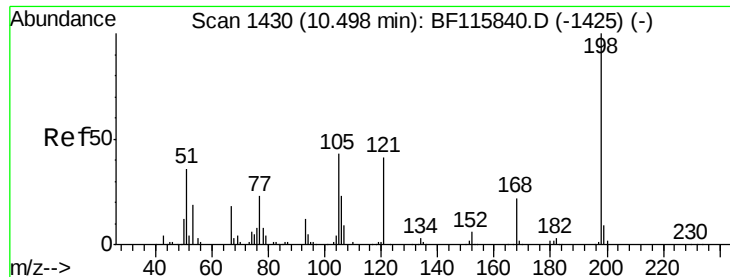
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.3	8.0	12.0	
80	11.0	8.6	12.8	



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: 39.411 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 137334

Ion Ratio Lower Upper

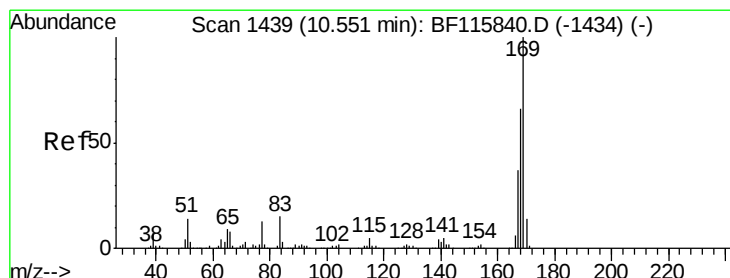
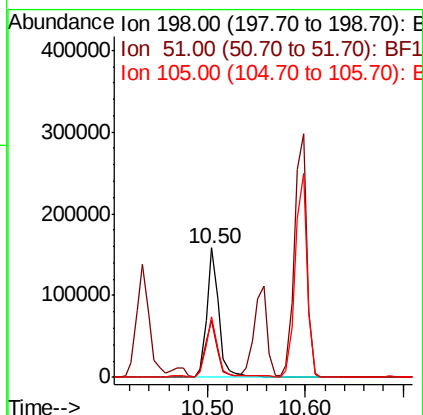
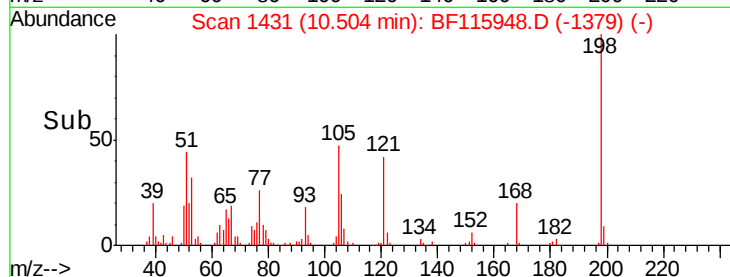
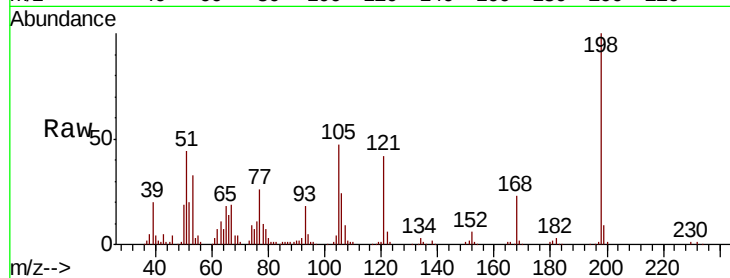
198 100

51 44.2 21.1 61.1

105 46.9 24.5 64.5

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#66

n-Nitrosodiphenylamine

Concen: 38.460 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

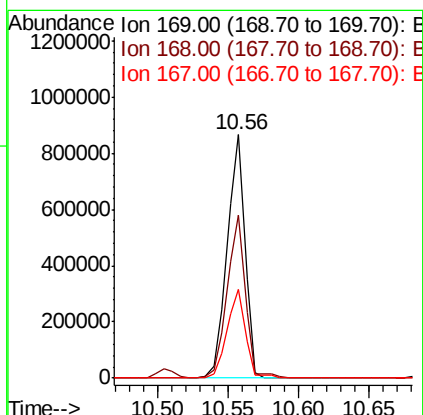
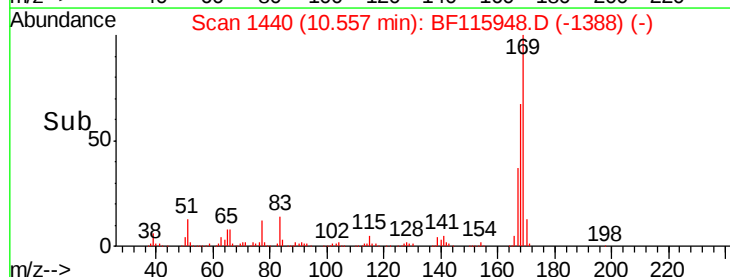
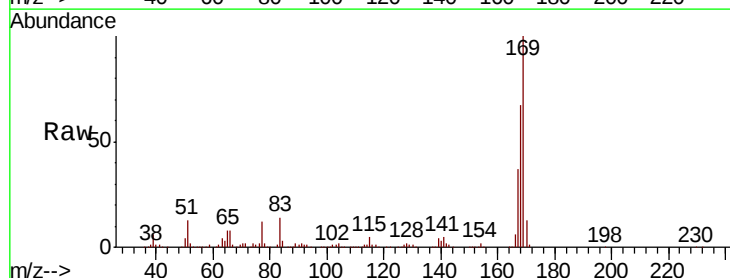
Tgt Ion:169 Resp: 761207

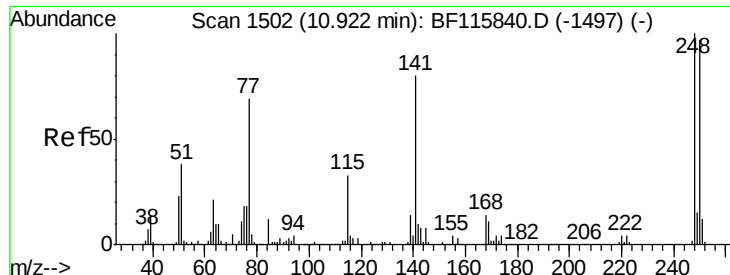
Ion Ratio Lower Upper

169 100

168 66.8 53.0 79.6

167 36.6 29.9 44.9





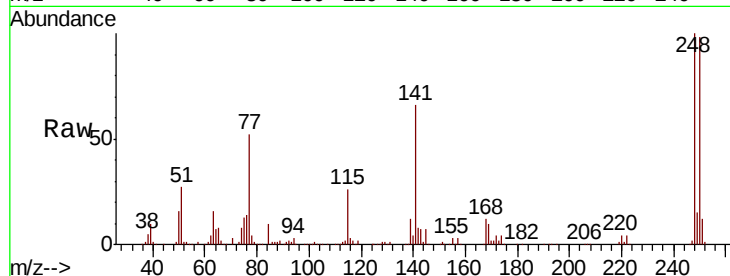
#67
4-Bromophenyl-phenylether
Concen: 39.361 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.8	116.6
141	65.9	64.3	96.5

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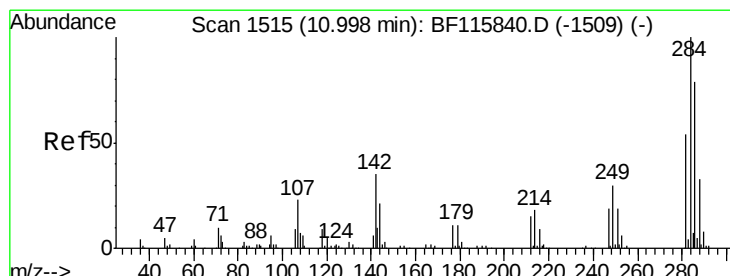
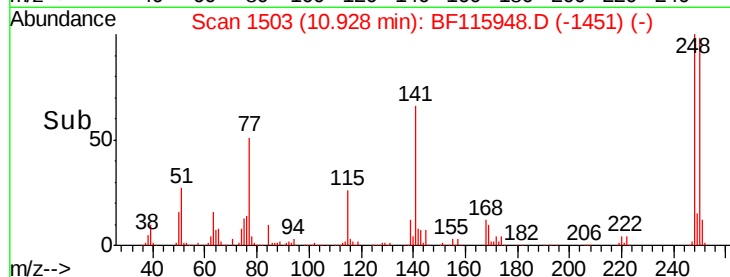
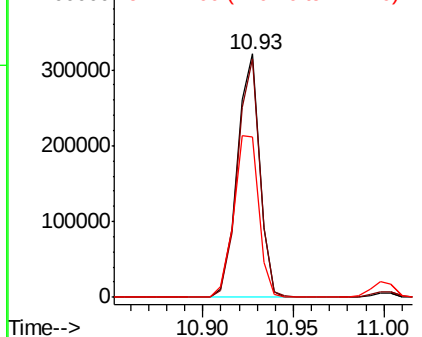


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.721 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

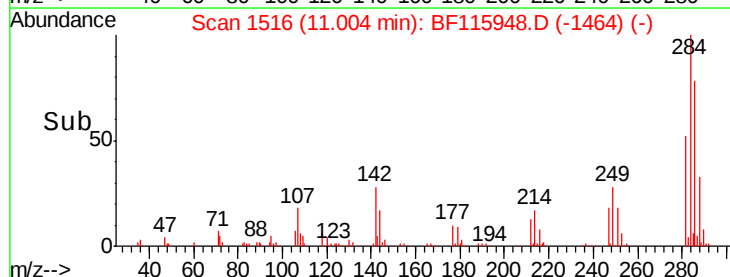
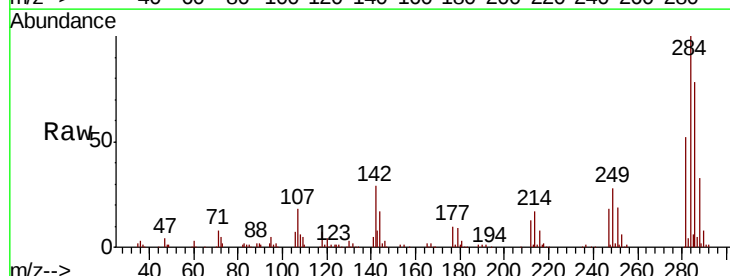
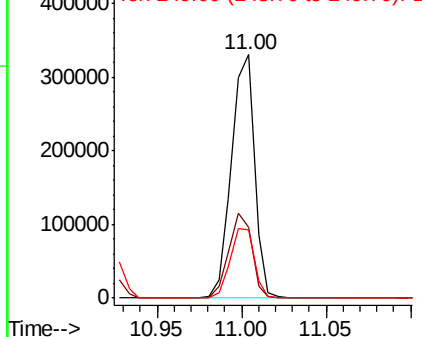
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	28.2	42.2
249	28.2	24.0	36.0

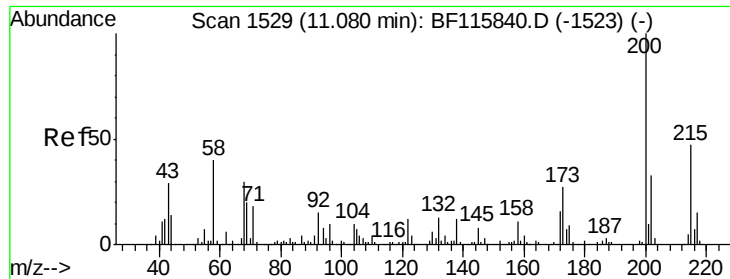
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





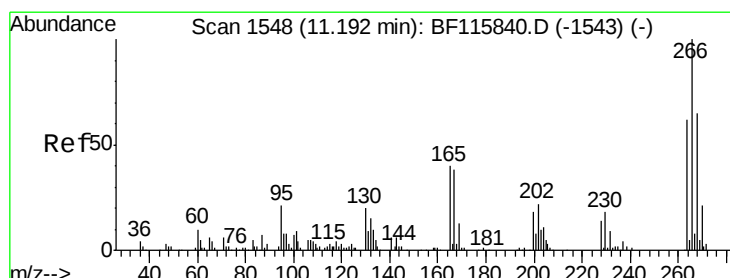
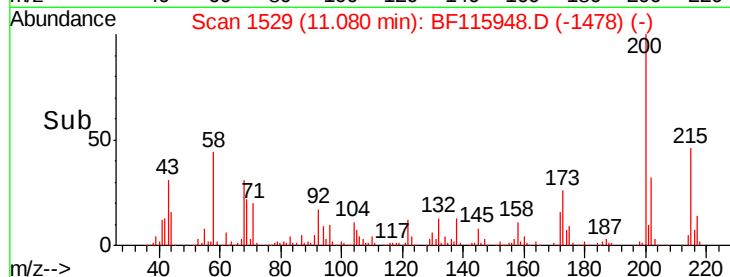
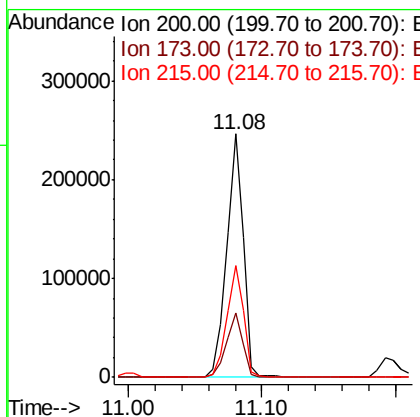
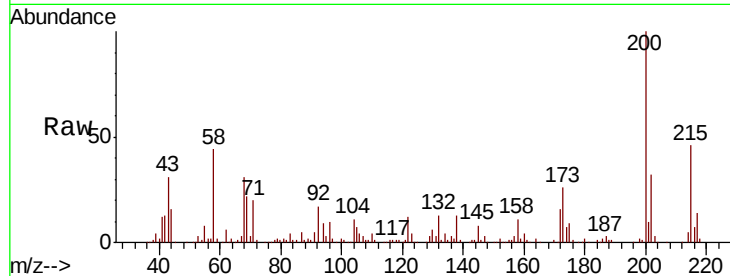
#69
 Atrazine
 Concen: 33.390 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.3	47.3
215	46.0	26.9	66.9

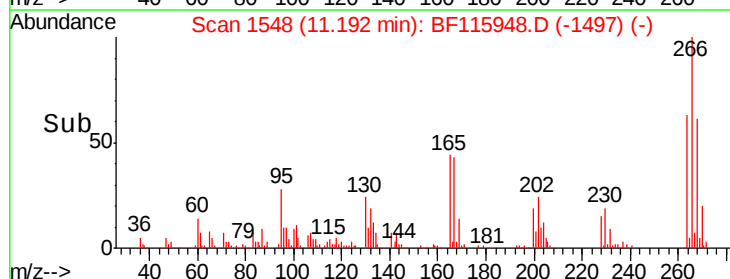
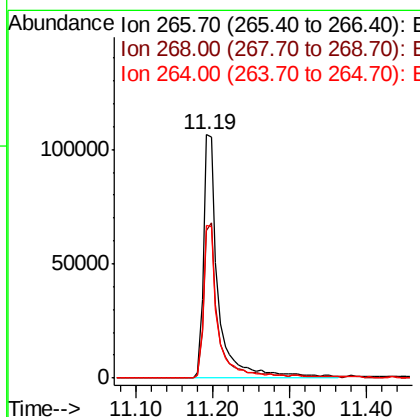
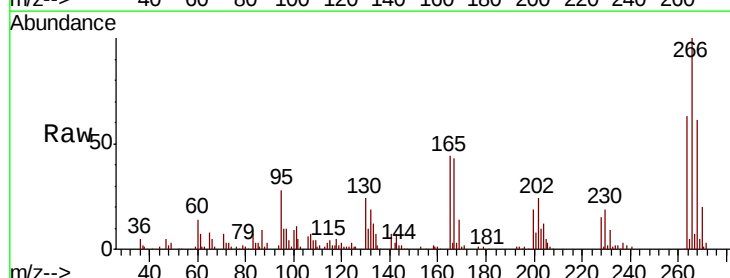
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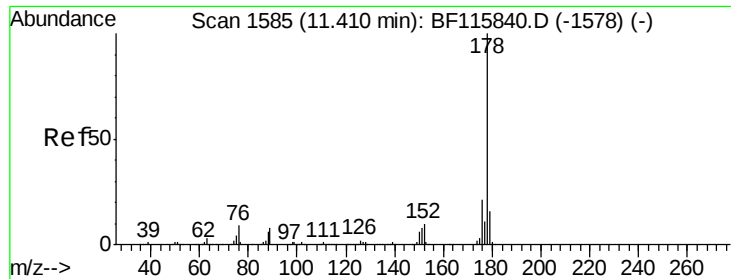
mohammad
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#70
 Pentachlorophenol
 Concen: 36.281 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.5	51.6	77.4
264	62.7	49.4	74.0





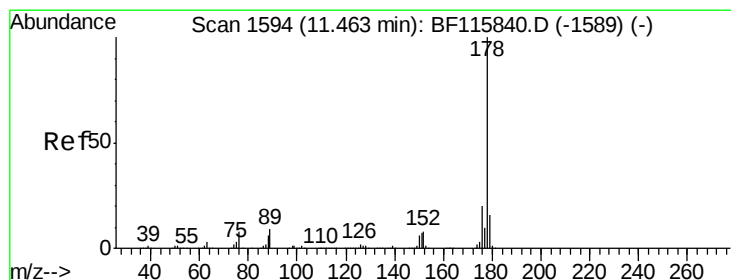
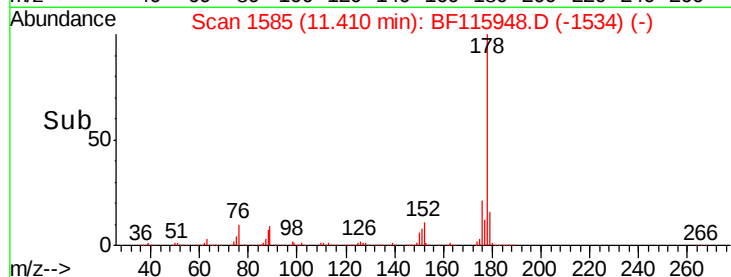
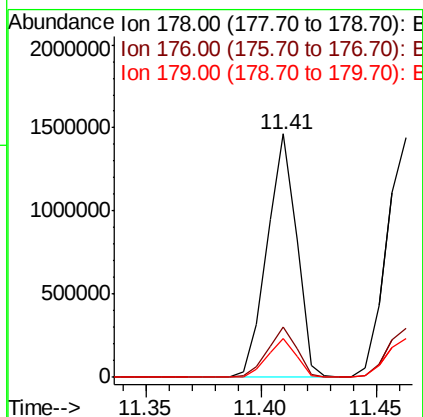
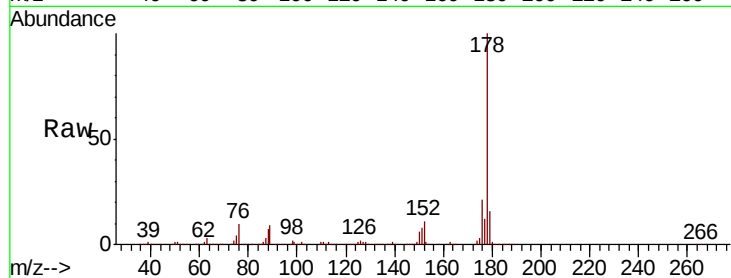
#71
Phenanthrene
Concen: 38.544 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.5	24.7
179	15.7	12.6	18.8

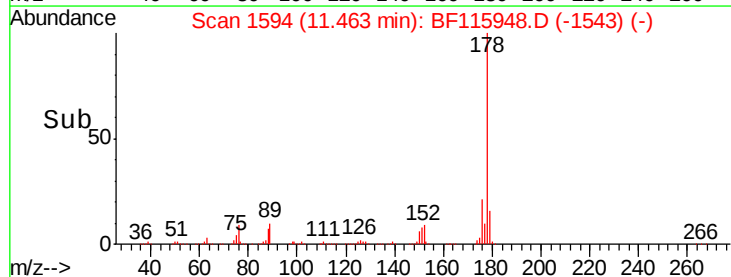
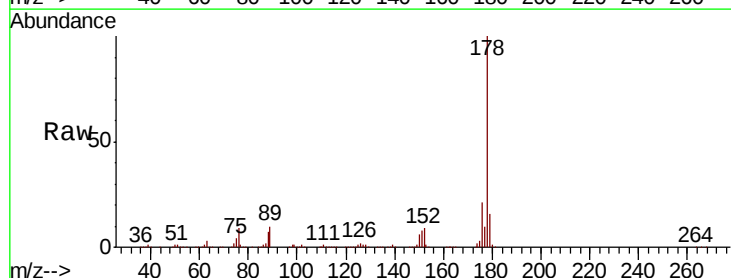
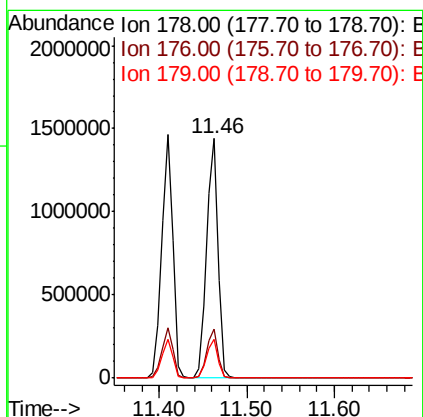
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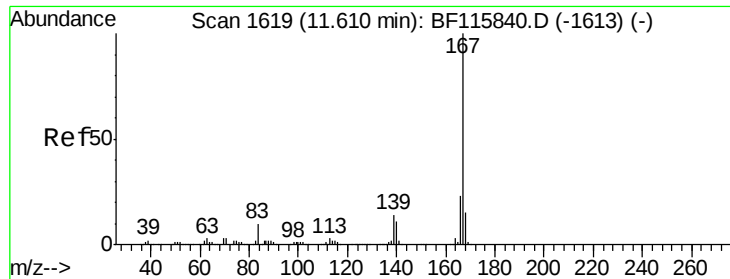
mohammad
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#72
Anthracene
Concen: 38.595 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.7	23.5
179	16.2	12.4	18.6





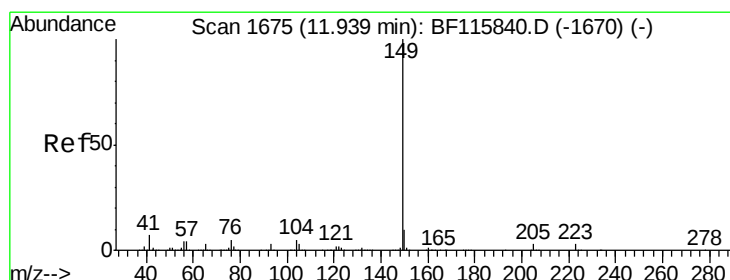
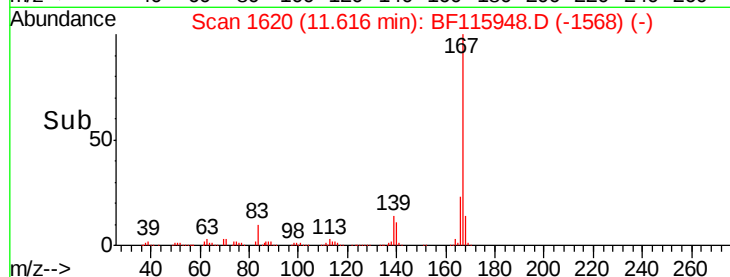
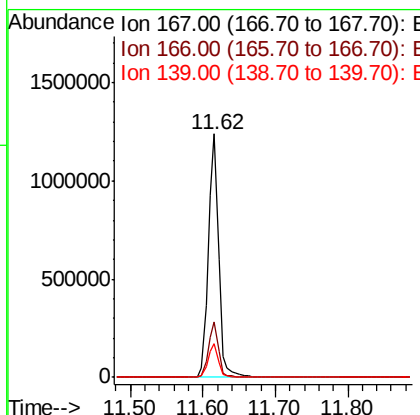
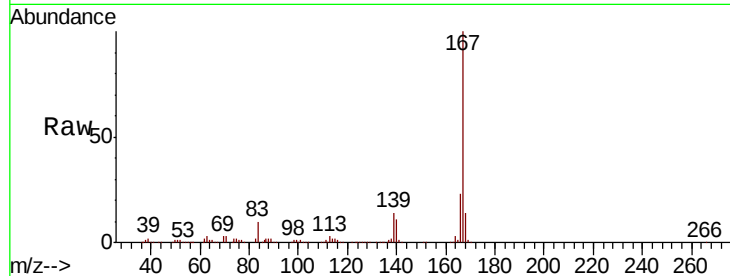
#73
 Carbazole
 Concen: 39.310 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.0	27.0
139	14.0	11.4	17.2

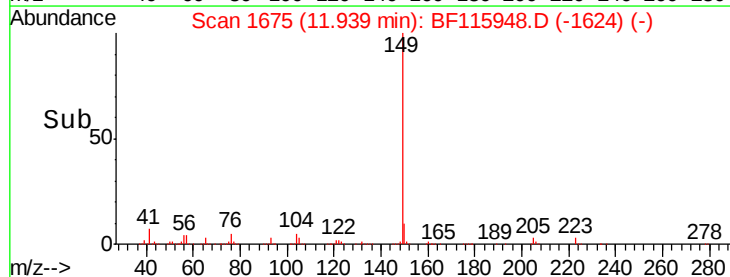
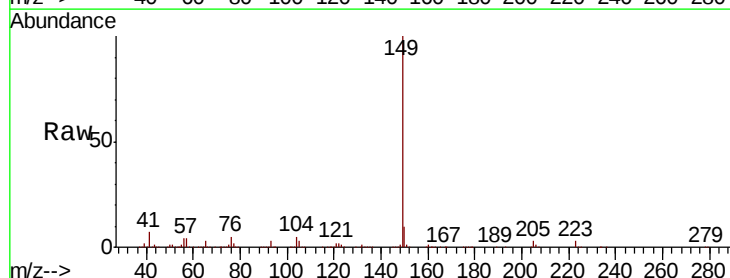
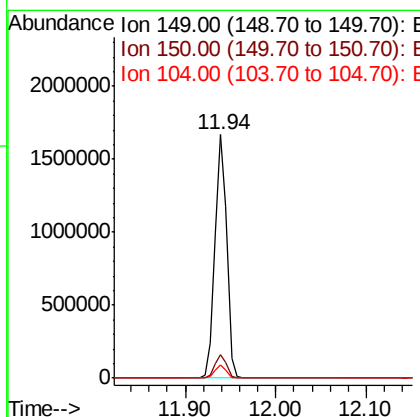
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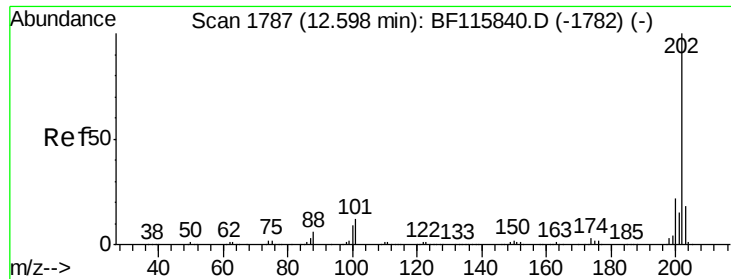
mohammad
 8/8/2019 4:44:14 PM



#74
 Di-n-butylphthalate
 Concen: 41.824 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.5	4.3	6.5





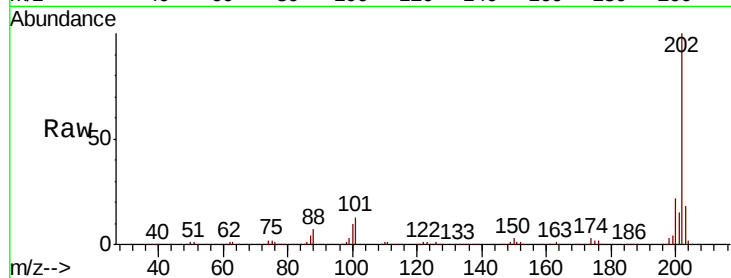
#75
 Fluoranthene
 Concen: 38.878 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1368215		
101	13.2		0.0	31.5
203	18.3		0.0	37.9

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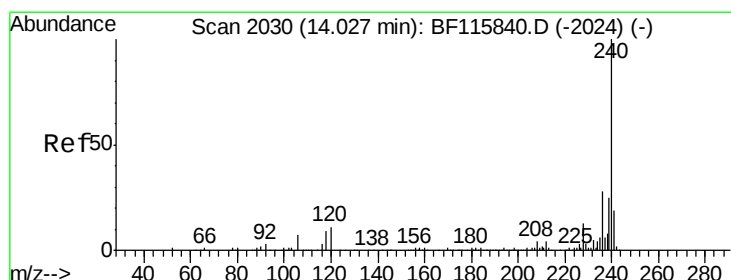
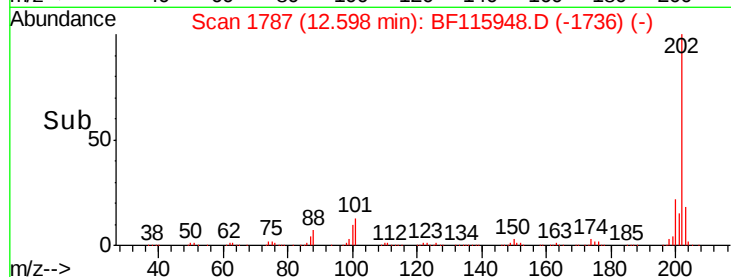
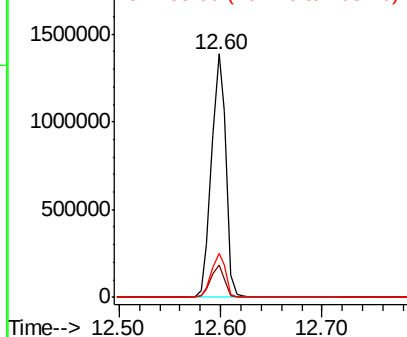


Abundance

Ion 202.00 (201.70 to 202.70): E

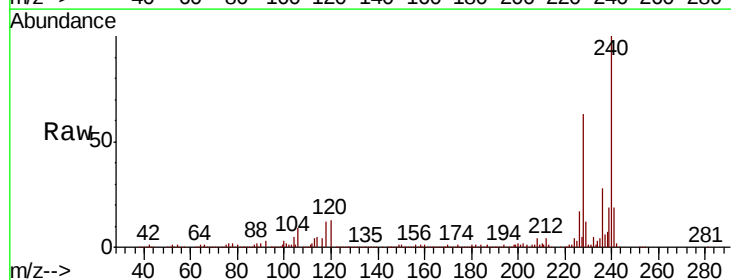
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	446069		
120	13.0		8.5	12.7#
236	28.0		22.2	33.2

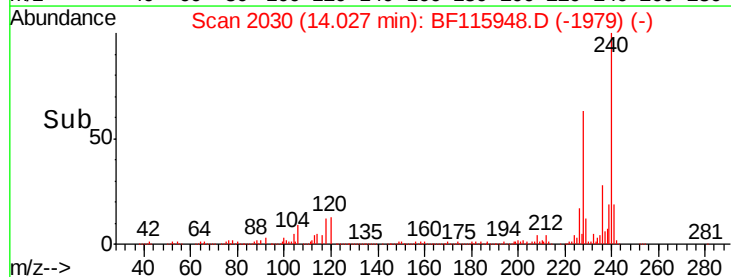
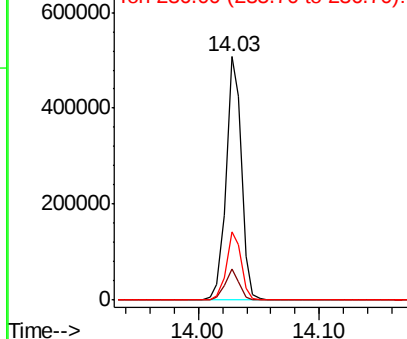


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.004 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

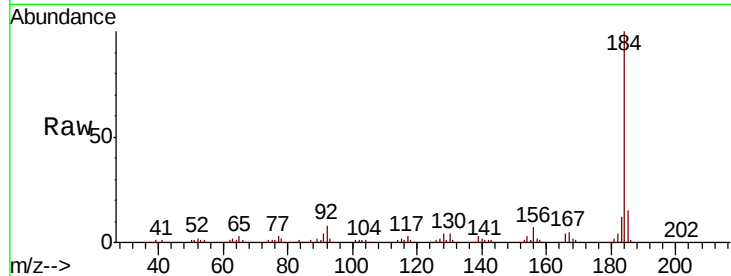
ClientSampleId :

SSTDCCC040

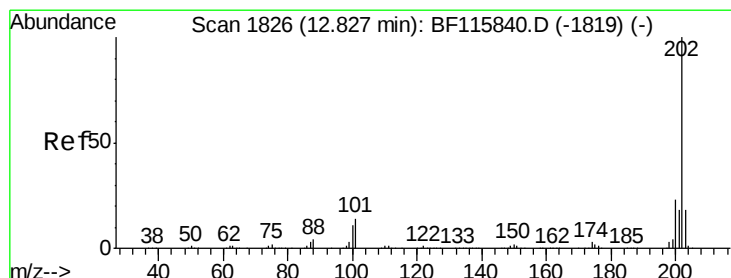
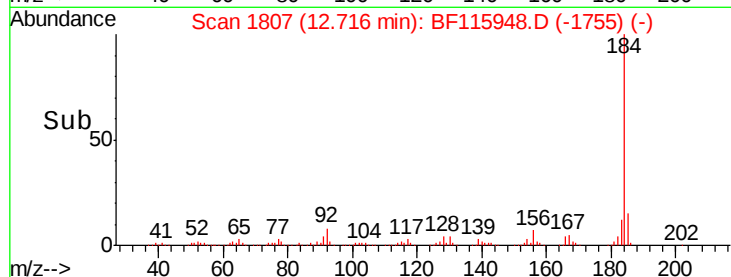
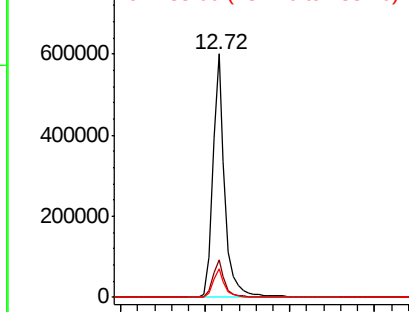
Tot Ion:	184	Resp:	602862
Ion Ratio	Lower	Upper	
184	100		
185	15.4	13.4	20.2
183	11.7	9.1	13.7

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.715 ng

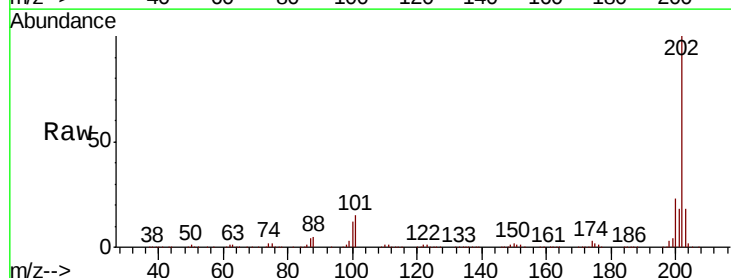
RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

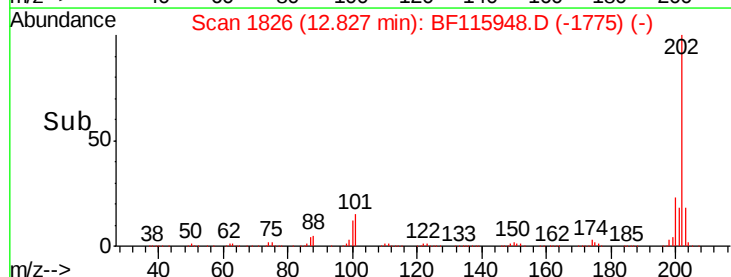
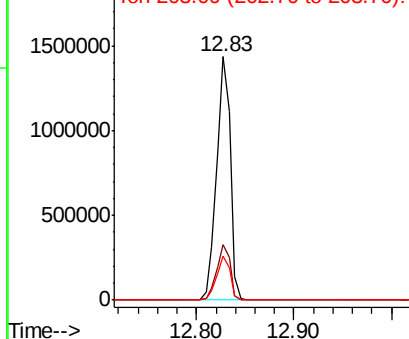
Lab File: BF115948.D

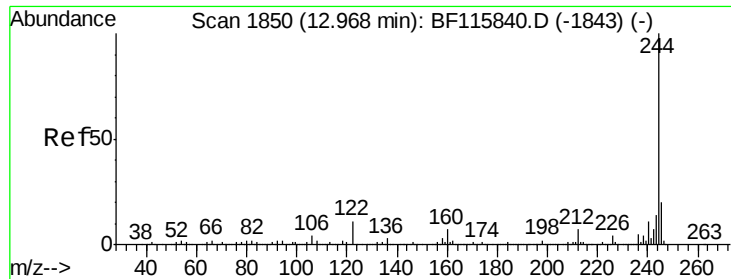
Acq: 2 Aug 2019 15:58

Tgt Ion:	202	Resp:	1402678
Ion Ratio	Lower	Upper	
202	100		
200	22.7	18.2	27.2
203	18.0	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.071 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1758547

Ion Ratio Lower Upper

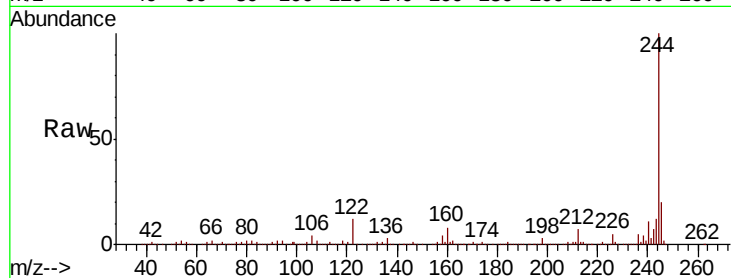
244 100

212 7.3 5.6 8.4

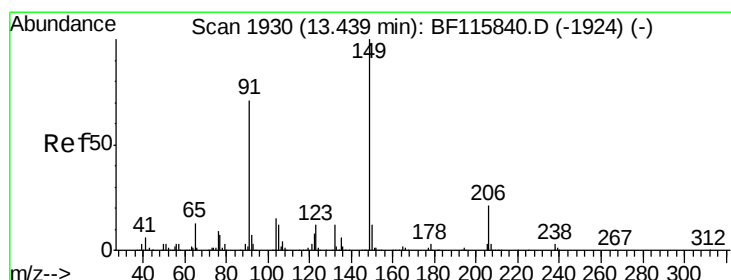
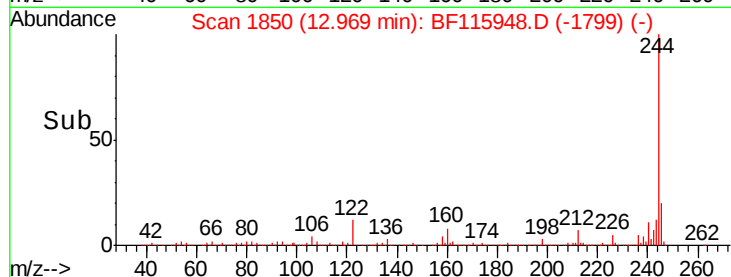
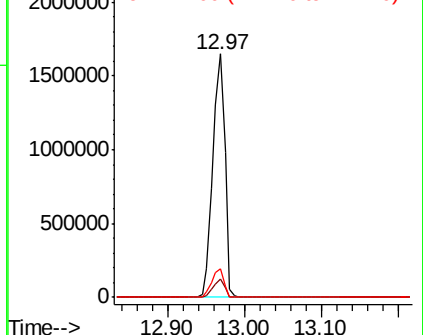
122 11.5 8.6 13.0

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.870 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

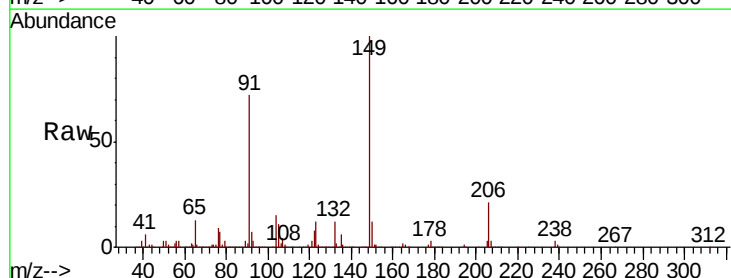
Tgt Ion:149 Resp: 638222

Ion Ratio Lower Upper

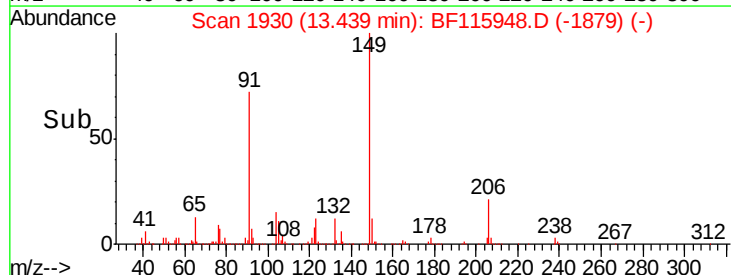
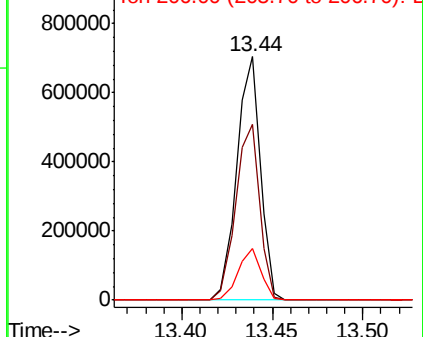
149 100

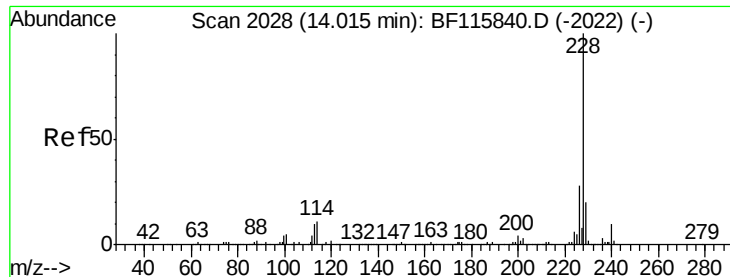
91 72.2 57.0 85.6

206 21.3 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





#81

Benzo(a)anthracene

Concen: 40.221 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1146742

Ion Ratio Lower Upper

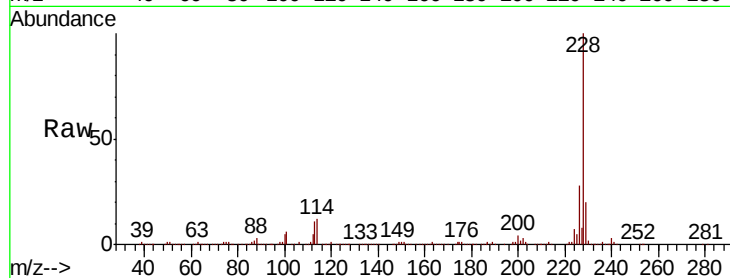
228 100

226 28.0 22.5 33.7

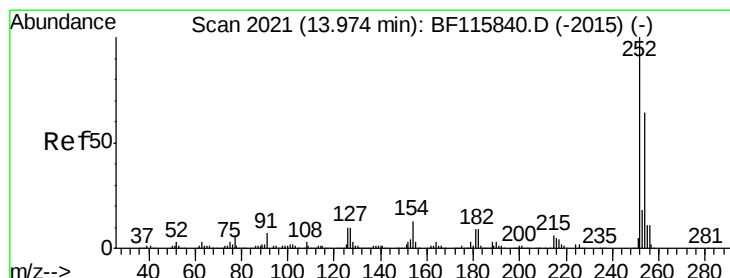
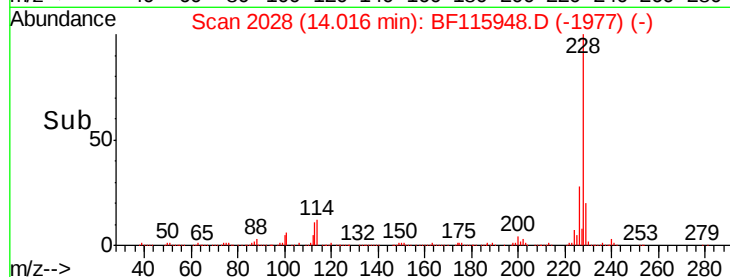
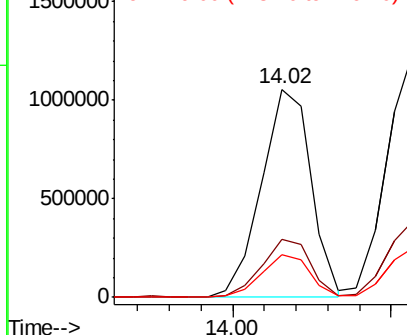
229 20.3 16.1 24.1

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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: 40.198 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Tgt Ion:252 Resp: 398173

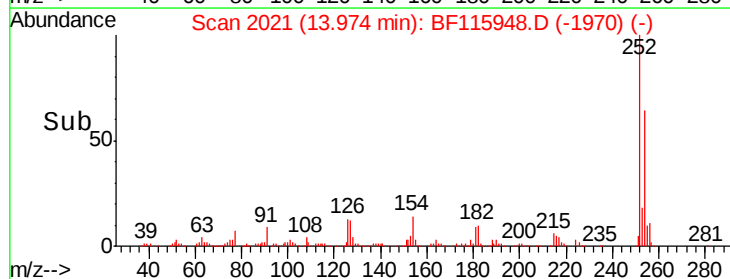
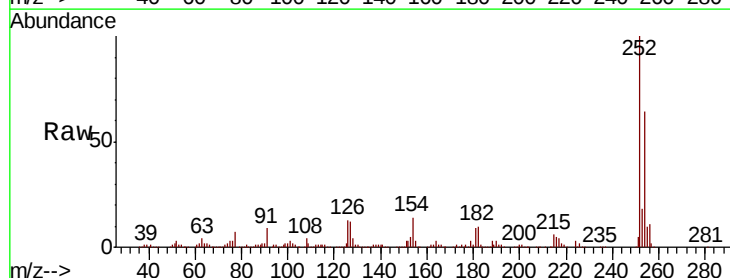
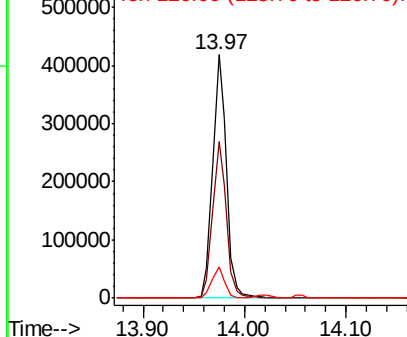
Ion Ratio Lower Upper

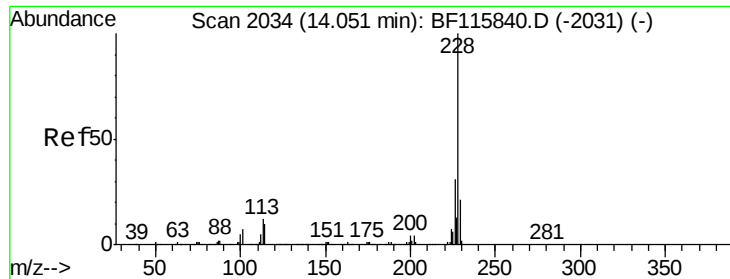
252 100

254 64.2 51.2 76.8

126 12.7 8.1 12.1#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





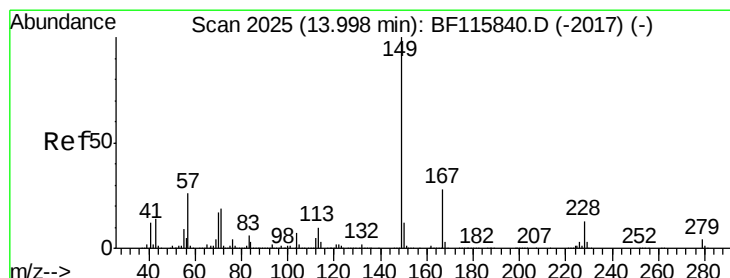
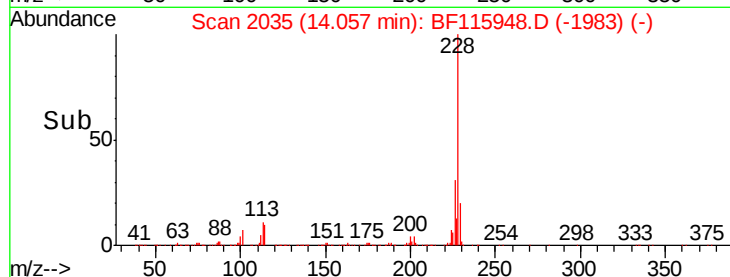
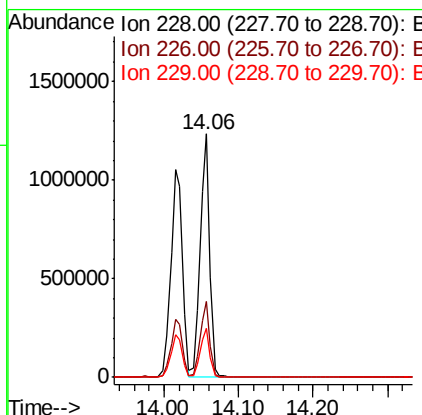
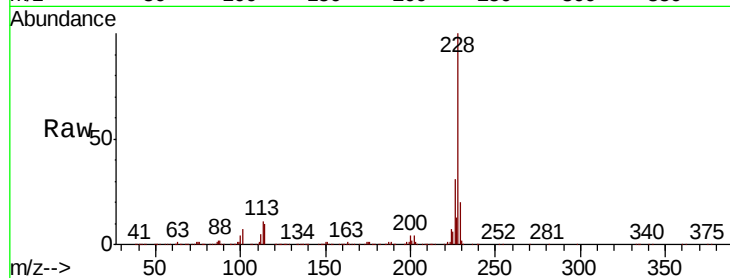
#83
 Chrvsene
 Concen: 40.242 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.8	37.2
229	20.3	16.4	24.6

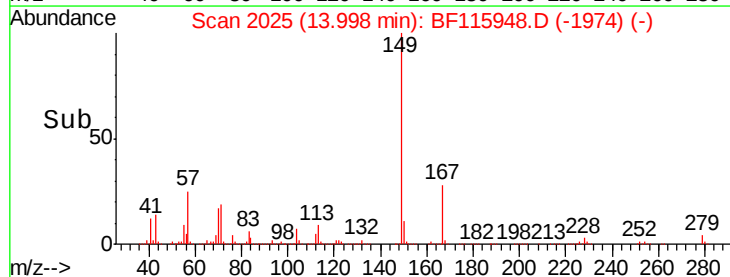
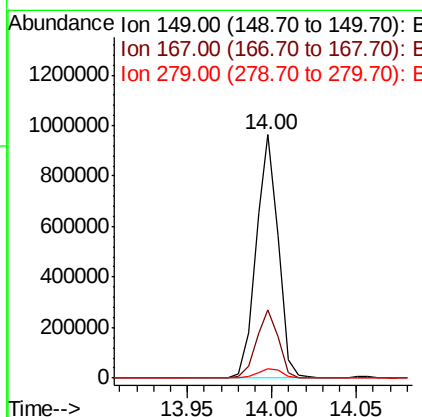
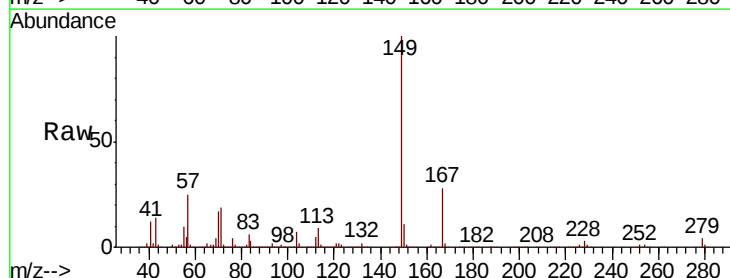
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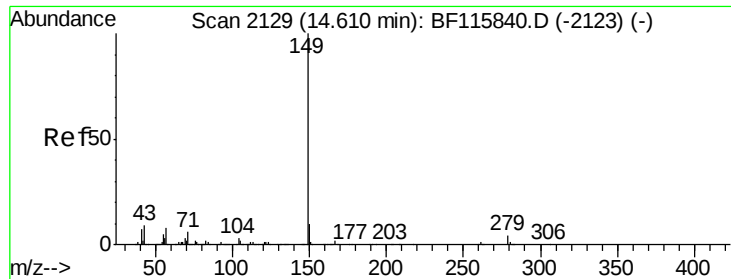
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.408 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.4	33.6
279	4.0	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 44.896 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1318067

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

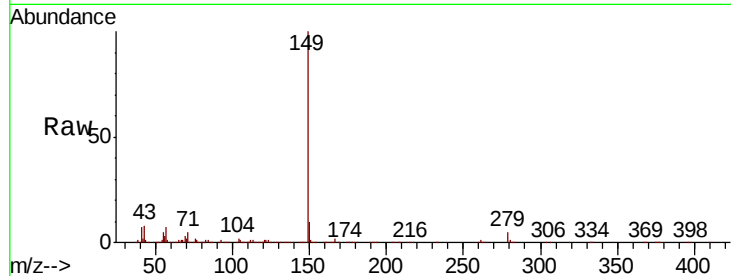
43 9.2 7.4 11.0

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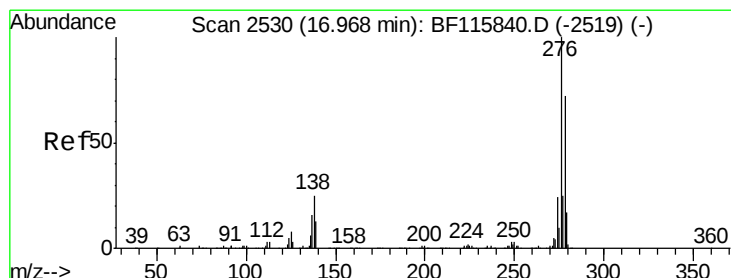
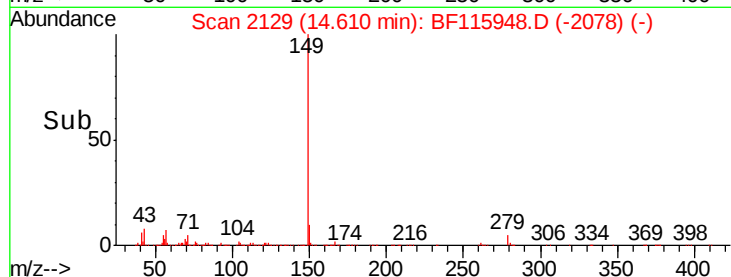
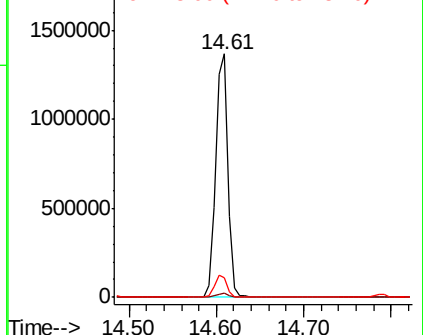
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.608 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.02 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

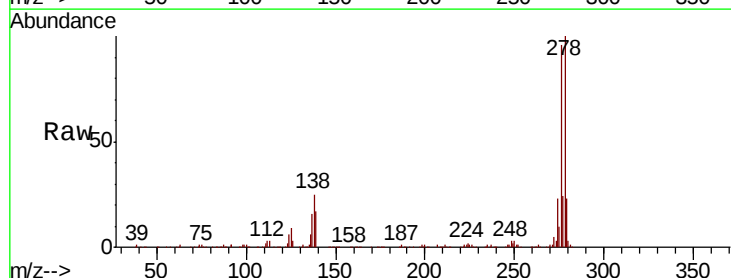
Tgt Ion:276 Resp: 967310

Ion Ratio Lower Upper

276 100

138 24.9 19.6 29.4

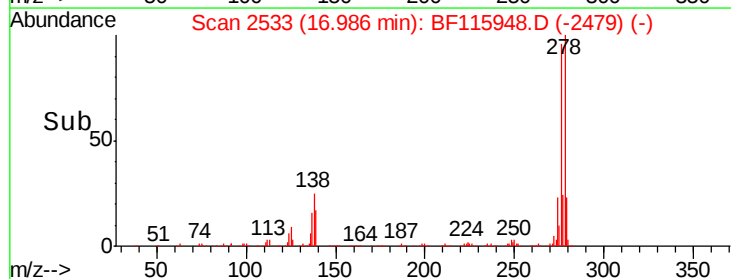
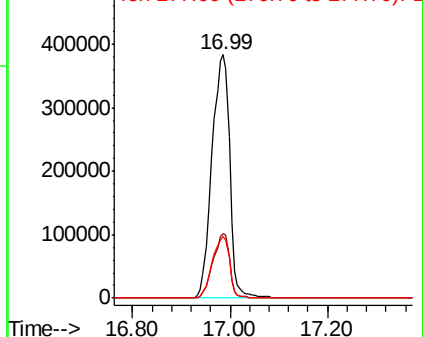
277 24.8 20.1 30.1

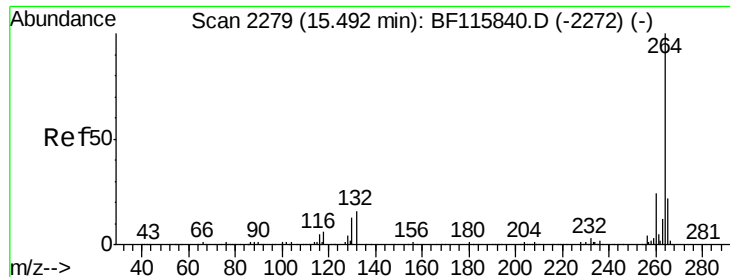


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

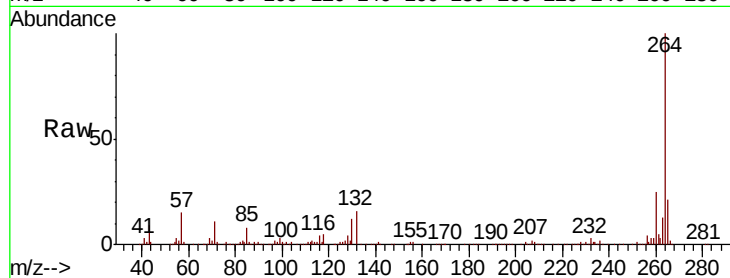
ClientSampleId :

SSTDCCC040

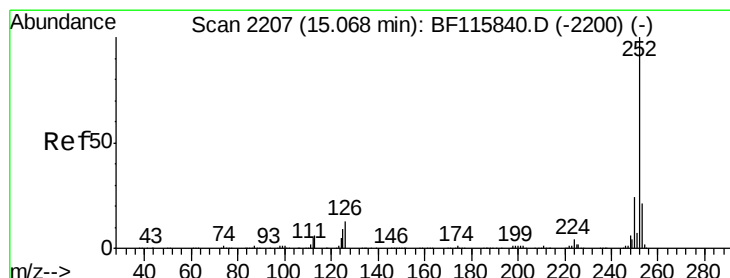
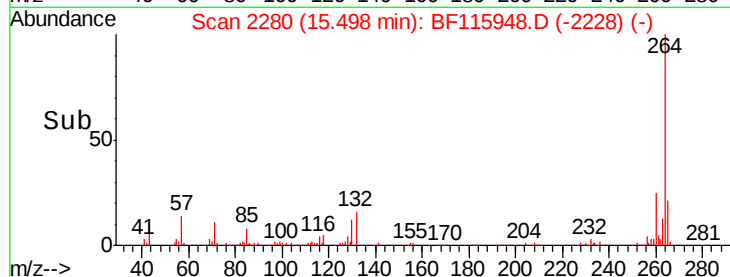
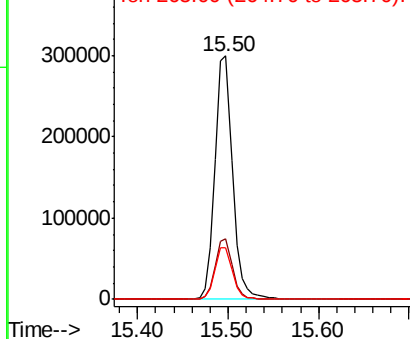
Tot Ion:	264	Resp:	404901
Ion Ratio		Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.3	17.5	26.3

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.828 ng

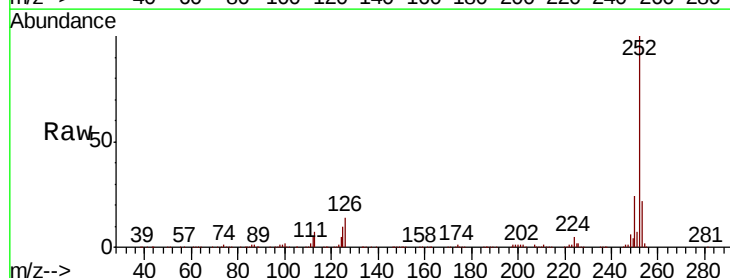
RT: 15.07 min Scan# 2207

Delta R.T. 0.00 min

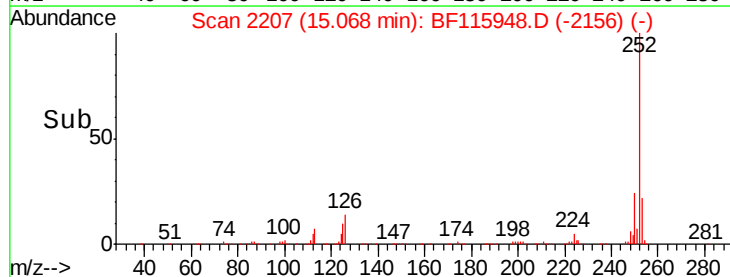
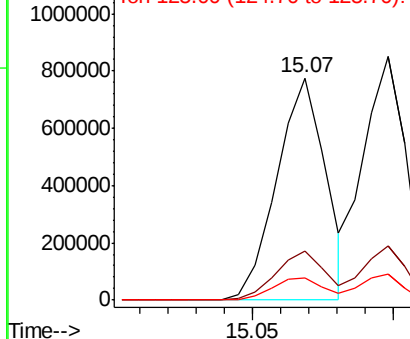
Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Tgt Ion:	252	Resp:	932453
Ion Ratio		Lower	Upper
252	100		
253	22.3	17.2	25.8
125	10.2	7.4	11.0



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





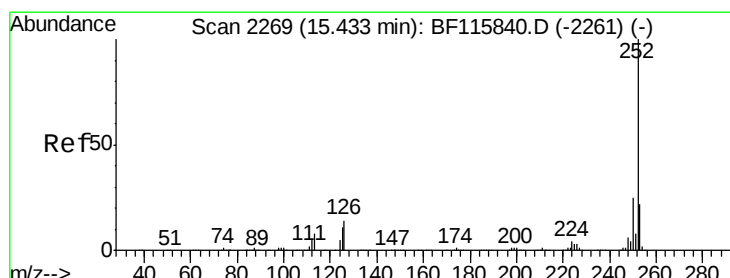
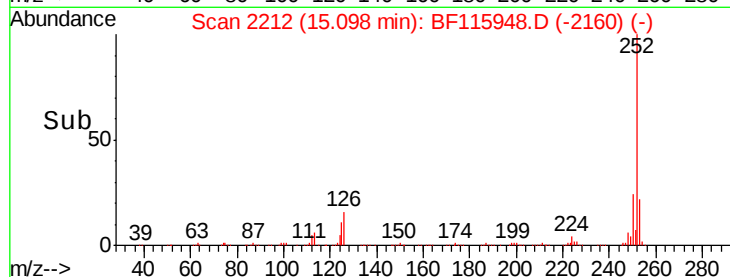
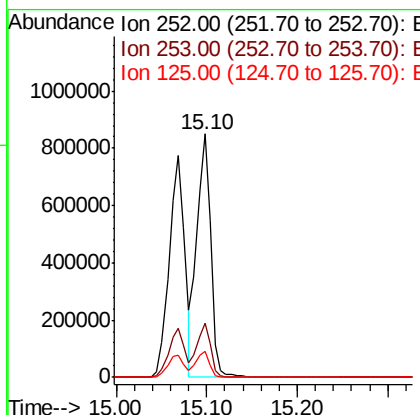
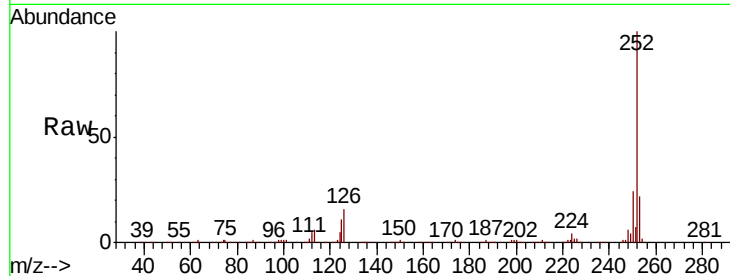
#89
Benzo(k)fluoranthene
Concen: 40.018 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	10.6	8.9	13.3

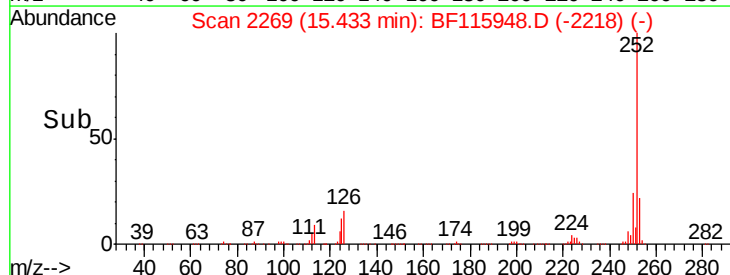
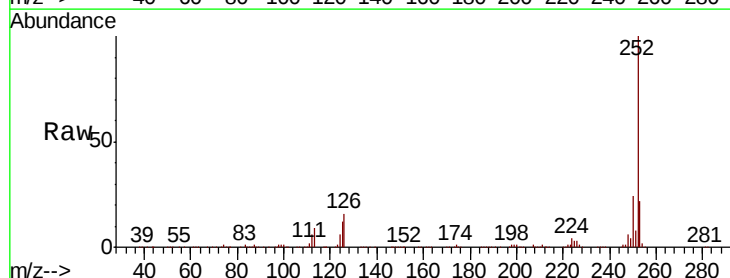
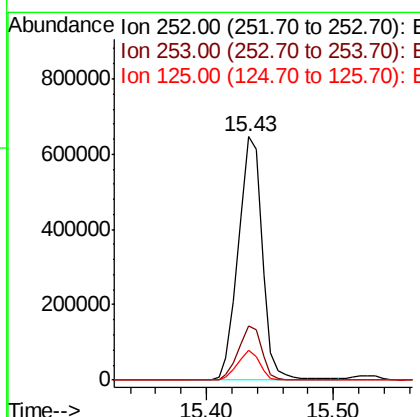
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#90
Benzo(a)pyrene
Concen: 40.238 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	12.2	8.8	13.2





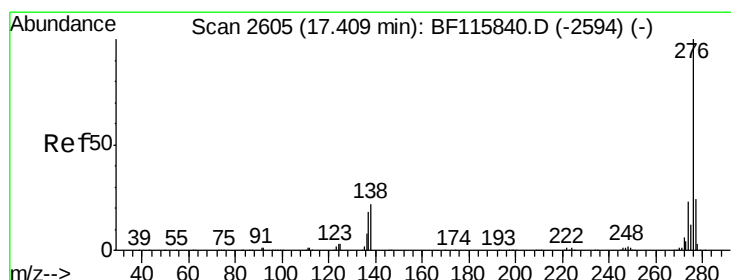
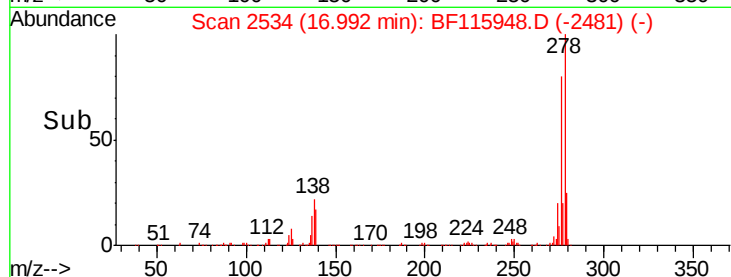
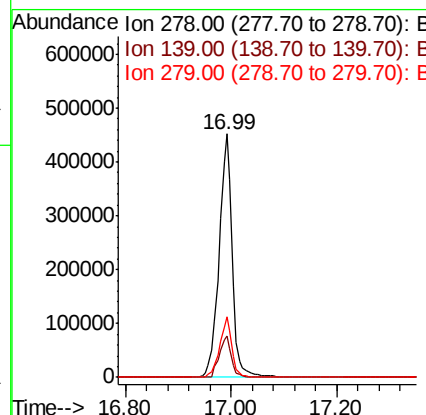
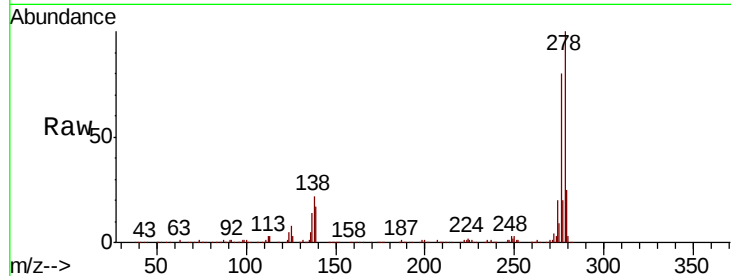
#91
Dibenzo(a,h)anthracene
Concen: 43.595 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.6	19.0
279	24.9	18.8	28.2

Manual Integrations
APPROVED

mohammad
8/8/2019 4:44:14 PM



#92
Benzo(g,h,i)perylene
Concen: 44.328 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.02 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.5	29.3
138	22.1	17.8	26.8

