Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
Data File : BF116231.D
Acq On : 13 Aug 2019 15:00
Operator : HP/JU
Sample : K4200-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14MSD

Quant Time: Aug 14 11:29:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	136256	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	556048	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	322324	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	613870	20.00	ng		0.00
76) Chrysene-d12	14.01	240	464414	20.00	ng		0.00
87) Perylene-d12	15.47	264	472538	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	765375	94.04	ng		0.00
7) Phenol-d6	6.48	99	1008872	98.24	ng		0.00
23) Nitrobenzene-d5	7.40	82	654947	67.99	ng		-0.02
42) 2,4,6-Tribromophenol	10.67	330	325984	104.31	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1168362	67.90	ng		-0.01
79) Terphenyl-d14	12.95	244	1500240	68.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	107932	26.249	ng		99
3) Pyridine	3.39	79	278927	24.284	ng		99
4) n-Nitrosodimethylamine	3.33	42	131293	28.965	ng		98
6) Aniline	6.50	93	354226	24.086	ng	#	86
8) 2-Chlorophenol	6.62	128	315462	35.050	ng		96
9) Benzaldehyde	6.39	77	162737	22.967	ng		98
10) Phenol	6.49	94	411712	34.046	ng		97
11) bis(2-Chloroethyl)ether	6.57	93	298958	33.625	ng		99
12) 1,3-Dichlorobenzene	6.77	146	330404	31.764	ng		98
13) 1,4-Dichlorobenzene	6.85	146	337341	32.390	ng		98
14) 1,2-Dichlorobenzene	7.00	146	315813	32.932	ng		99
15) Benzyl Alcohol	6.98	79	269623	34.597	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	397120	32.747	ng		76
17) 2-Methylphenol	7.09	107	270351	35.474	ng		98
18) Hexachloroethane	7.34	117	121463	31.676	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	224386	35.261	ng		96
20) 3+4-Methylphenols	7.25	107	341995	37.921	ng		93
22) Acetophenone	7.25	105	436625	35.804	ng		98
24) Nitrobenzene	7.42	77	361506	34.755	ng		98
25) Isophorone	7.66	82	669762	36.361	ng		99
26) 2-Nitrophenol	7.73	139	180111	36.735	ng		99
27) 2,4-Dimethylphenol	7.77	122	286916	38.896	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	401366	35.155	ng		100
29) 2,4-Dichlorophenol	7.98	162	298523	38.328	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	297095	33.463	ng		99
31) Naphthalene	8.13	128	932118	35.623	ng		99
32) Benzoic acid	7.91	122	14803m	2.846	ng		
33) 4-Chloroaniline	8.19	127	199785	17.088	ng		98
34) Hexachlorobutadiene	8.25	225	161570	31.594	ng		99
35) Caprolactam	8.56	113	98370m	39.050	ng		
36) 4-Chloro-3-methylphenol	8.68	107	322197	39.764	ng		100
37) 2-Methylnaphthalene	8.83	142	640867	37.189	ng		99
38) 1-Methylnaphthalene	8.93	142	604099	37.055	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	293915	34.109	ng		99

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Acq On : 13 Aug 2019 15:00
Operator : HP/JU
Sample : K4200-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14MSD

Quant Time: Aug 14 11:29:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	115160	33.487	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	199016	33.554	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	215729	35.186	ng		99
46) 1,1'-Biphenyl	9.29	154	797713	35.055	ng		99
47) 2-Chloronaphthalene	9.32	162	632562	33.399	ng		98
48) 2-Nitroaniline	9.42	65	219283	35.028	ng		96
49) Acenaphthylene	9.73	152	986905	35.717	ng		98
50) Dimethylphthalate	9.59	163	1071962	48.844	ng		100
51) 2,6-Dinitrotoluene	9.66	165	179439	37.623	ng		96
52) Acenaphthene	9.90	154	599306	35.354	ng		100
53) 3-Nitroaniline	9.83	138	158196	26.844	ng		98
54) 2,4-Dinitrophenol	9.96	184	50446	26.577	ng		98
55) Dibenzofuran	10.08	168	848389	34.415	ng		100
56) 4-Nitrophenol	10.02	139	253984	67.277	ng		92
57) 2,4-Dinitrotoluene	10.07	165	230714	36.333	ng		93
58) Fluorene	10.42	166	717759	37.844	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	200401	38.851	ng		98
60) Diethylphthalate	10.29	149	806641	39.368	ng		98
61) 4-Chlorophenyl-phenylether	10.41	204	358267	37.298	ng		99
62) 4-Nitroaniline	10.46	138	203782	33.460	ng		98
63) Azobenzene	10.57	77	791826	37.571	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	104240	32.043	ng		98
66) n-Nitrosodiphenylamine	10.53	169	660282	35.736	ng		100
67) 4-Bromophenyl-phenylether	10.90	248	227686	34.648	ng		98
68) Hexachlorobenzene	10.98	284	252655	33.249	ng		93
69) Atrazine	11.06	200	225454	37.090	ng		99
70) Pentachlorophenol	11.17	266	226328	61.348	ng		98
71) Phenanthrene	11.39	178	1101356	35.095	ng		100
72) Anthracene	11.44	178	1143800	36.013	ng		99
73) Carbazole	11.59	167	1076242	37.351	ng		99
74) Di-n-butylphthalate	11.92	149	1307642	38.902	ng		99
75) Fluoranthene	12.57	202	1204833	36.672	ng		98
77) Benzidine	12.69	184	533726	34.017	ng		99
78) Pyrene	12.80	202	1214433	34.690	ng		99
80) Butylbenzylphthalate	13.41	149	579306	39.119	ng		95
81) Benzo(a)anthracene	14.00	228	1050205	35.380	ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	259854	25.198	ng		98
83) Chrysene	14.03	228	1002104	34.773	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	823251	42.780	ng	#	97
85) Di-n-octyl phthalate	14.57	149	1342427	43.919	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	897404	37.076	ng		100
88) Benzo(b)fluoranthene	15.04	252	904419	33.101	ng		99
89) Benzo(k)fluoranthene	15.07	252	930984	34.983	ng		98
90) Benzo(a)pyrene	15.42	252	870068	35.623	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	754368	35.681	ng		99
92) Benzo(g,h,i)perylene	17.40	276	734436	35.372	ng		98

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

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Acq On : 13 Aug 2019 15:00
Operator : HP/JU
Sample : K4200-01MSD
Misc :
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Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Quant Time: Aug 14 11:29:22 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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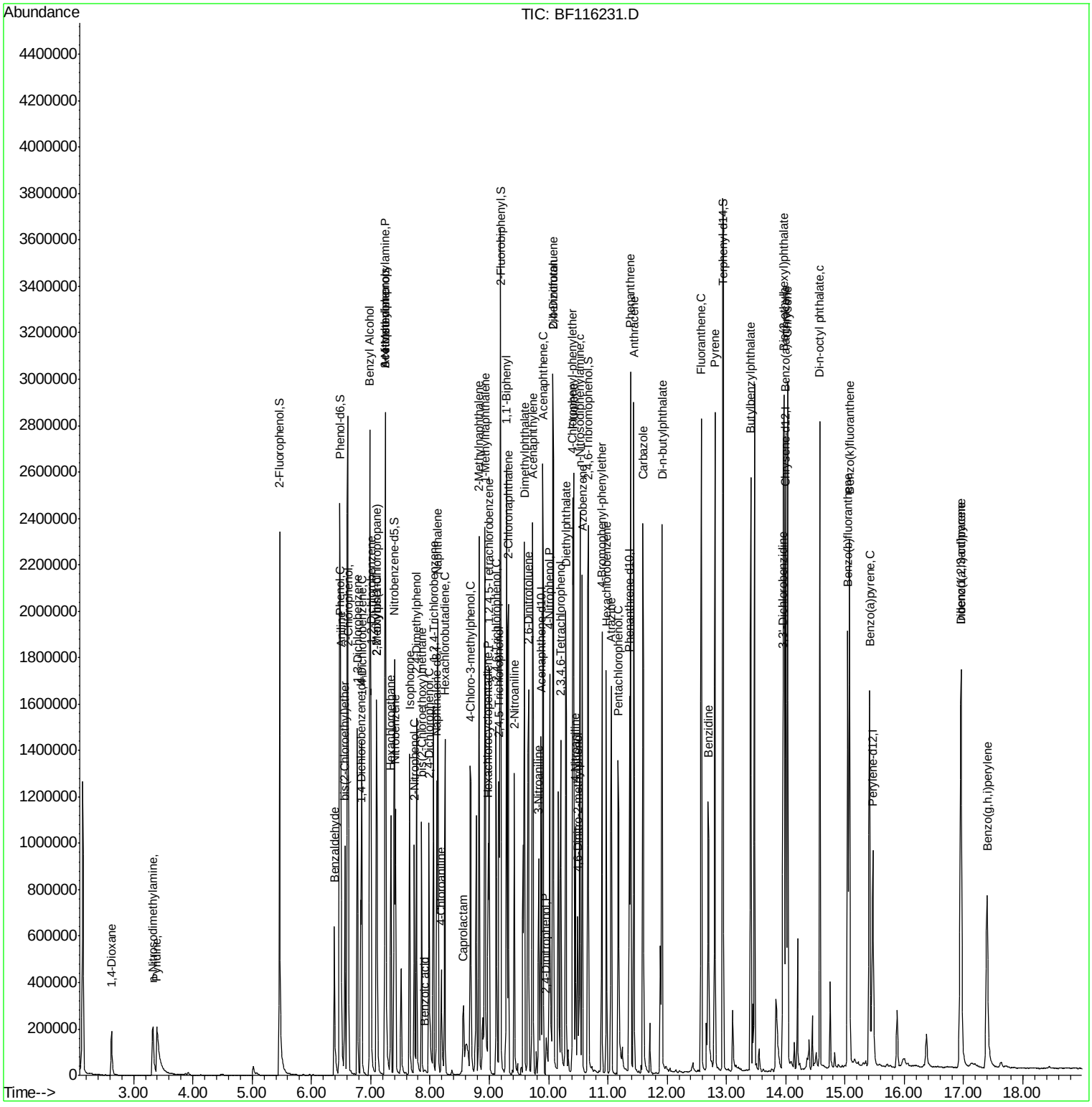
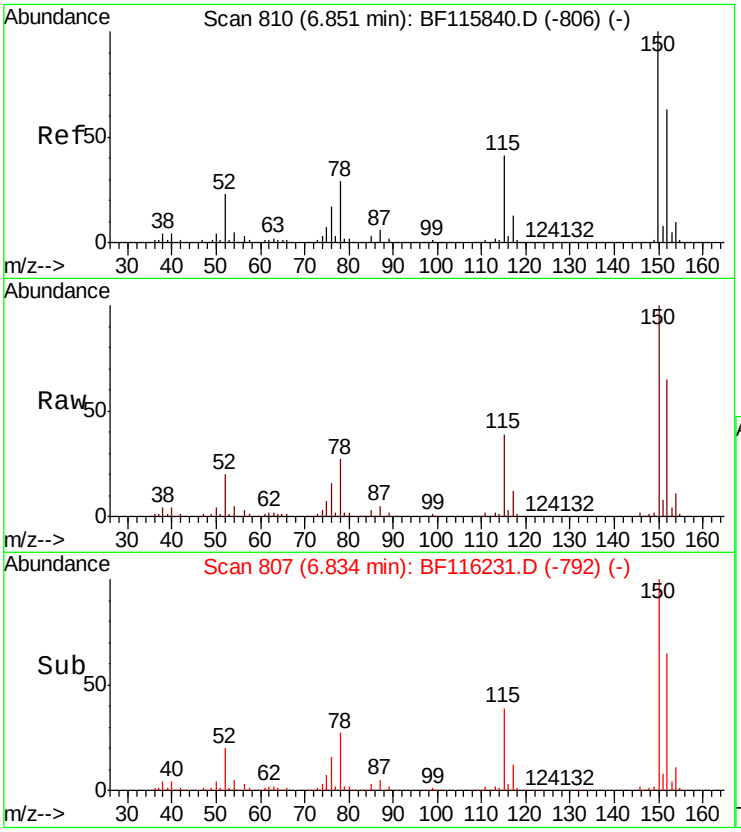


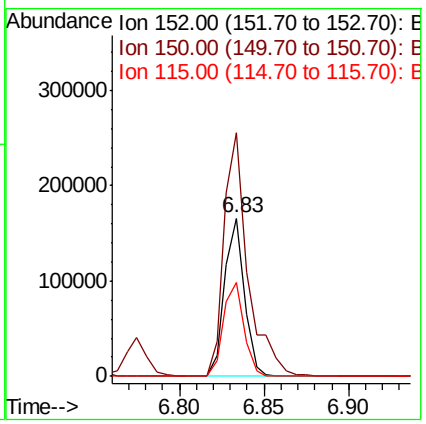


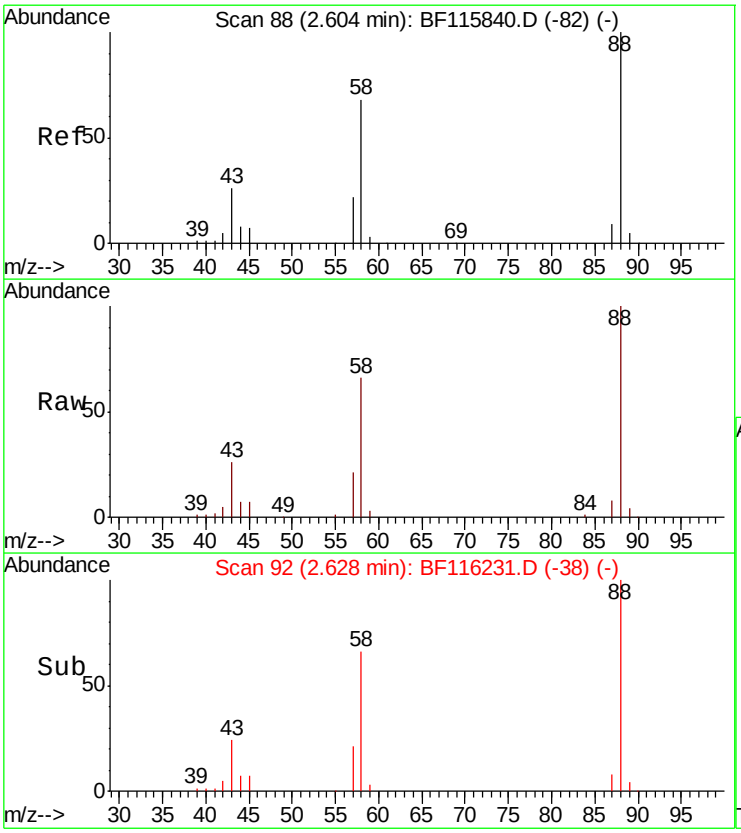
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:152 Resp: 136256

Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.2	189.2
115	59.6	49.9	74.9

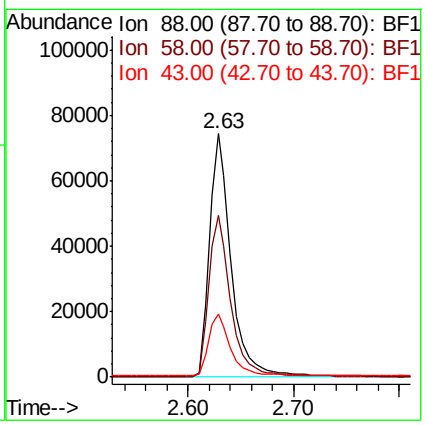


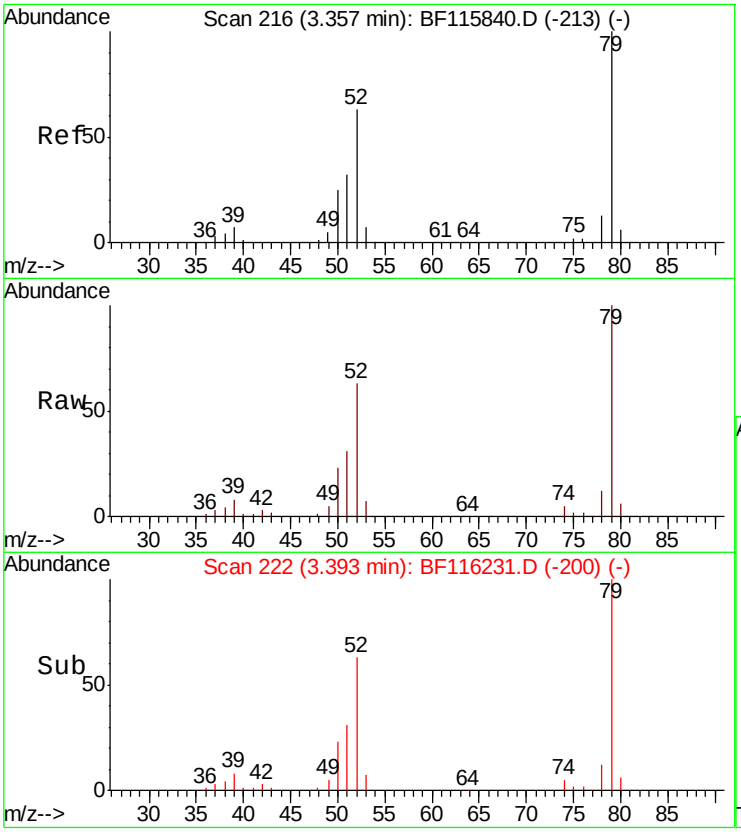


#2
1,4-Dioxane
Concen: 26.249 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.02 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion: 88 Resp: 107932

Ion	Ratio	Lower	Upper
88	100		
58	68.1	53.7	80.5
43	25.3	21.0	31.4



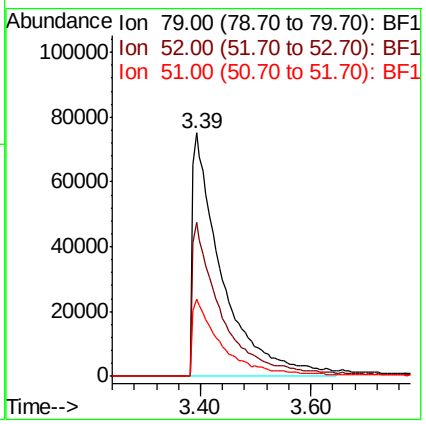


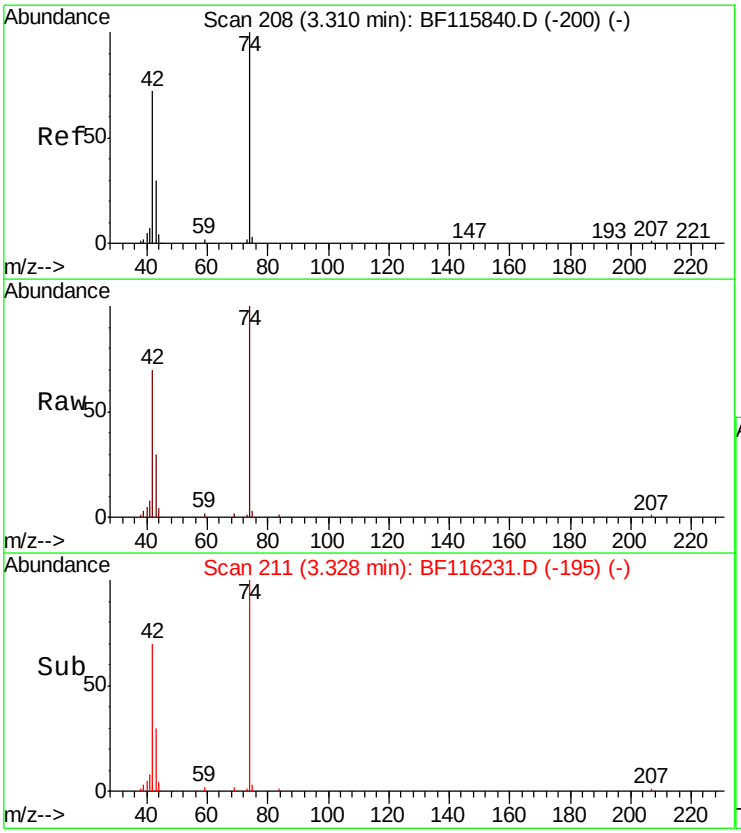
#3
Pyridine
Concen: 24.284 ng
RT: 3.39 min Scan# 222
Delta R.T. 0.03 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion: 79 Resp: 278927

Ion	Ratio	Lower	Upper
79	100		
52	63.1	49.8	74.8
51	31.5	25.2	37.8

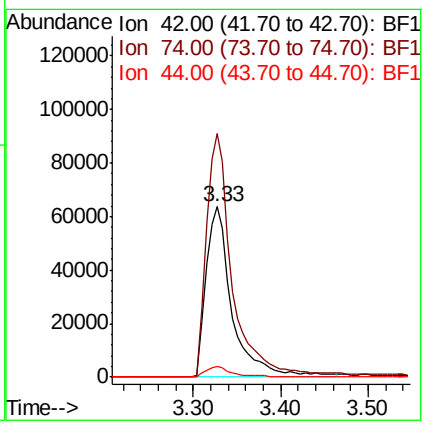


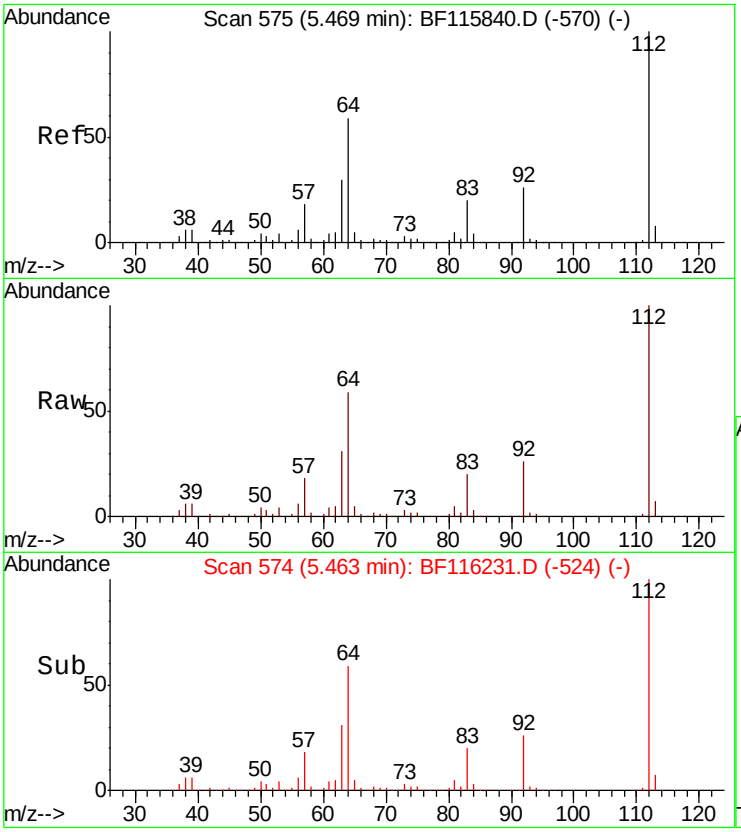


#4
n-Nitrosodimethylamine
Concen: 28.965 ng
RT: 3.33 min Scan# 211
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion: 42 Resp: 131293

Ion	Ratio	Lower	Upper
42	100		
74	142.8	116.0	174.0
44	6.2	4.6	7.0



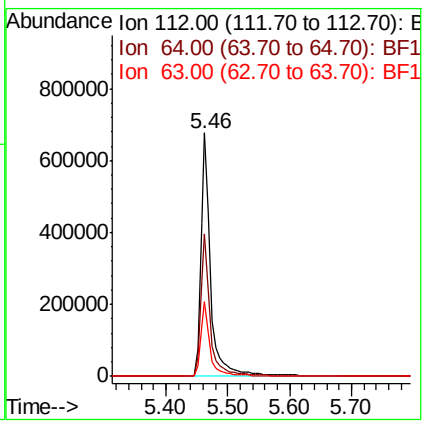


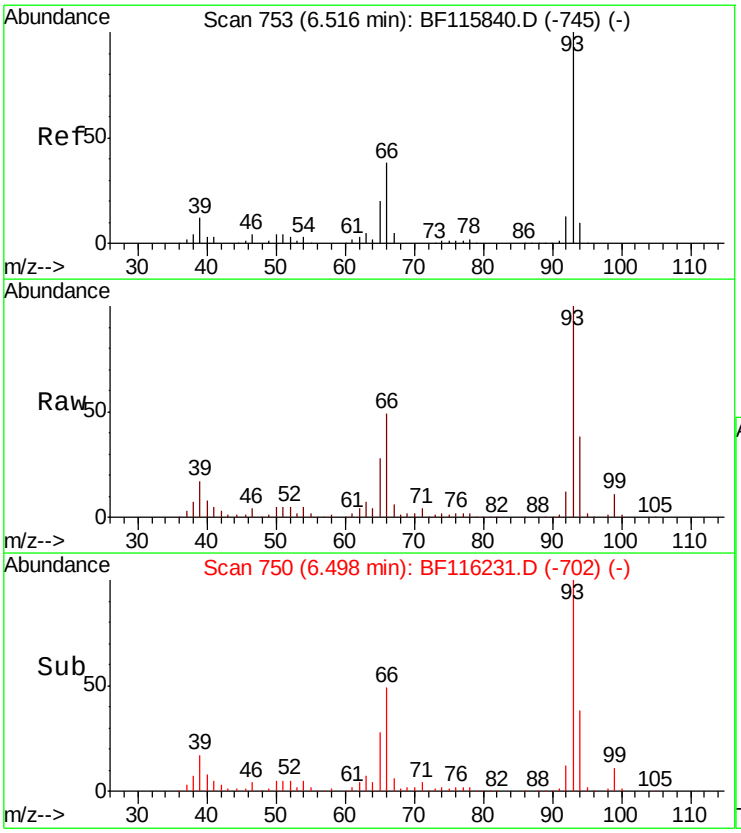
#5
2-Fluorophenol
Concen: 94.035 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:112 Resp: 765375

Ion	Ratio	Lower	Upper
112	100		
64	58.5	45.4	68.2
63	30.5	23.7	35.5

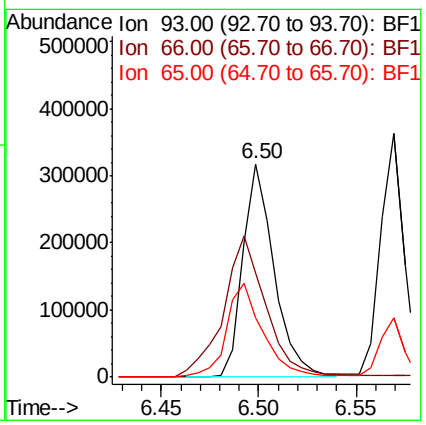


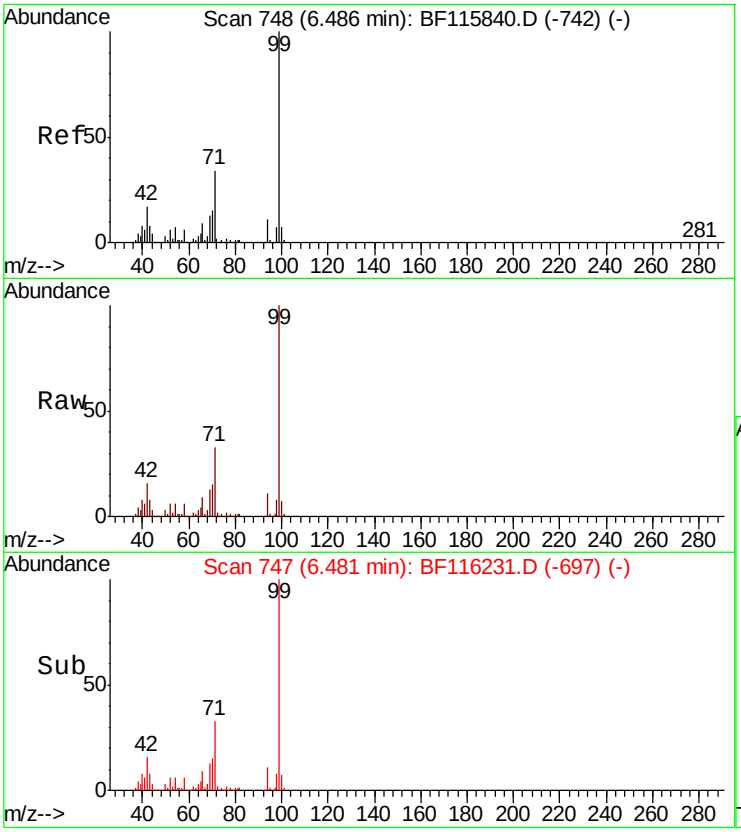


#6
Aniline
Concen: 24.086 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion: 93 Resp: 354226

Ion	Ratio	Lower	Upper
93	100		
66	49.0	32.2	48.4#
65	27.7	17.0	25.6#



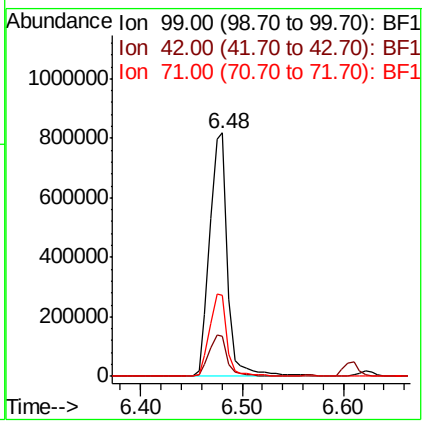


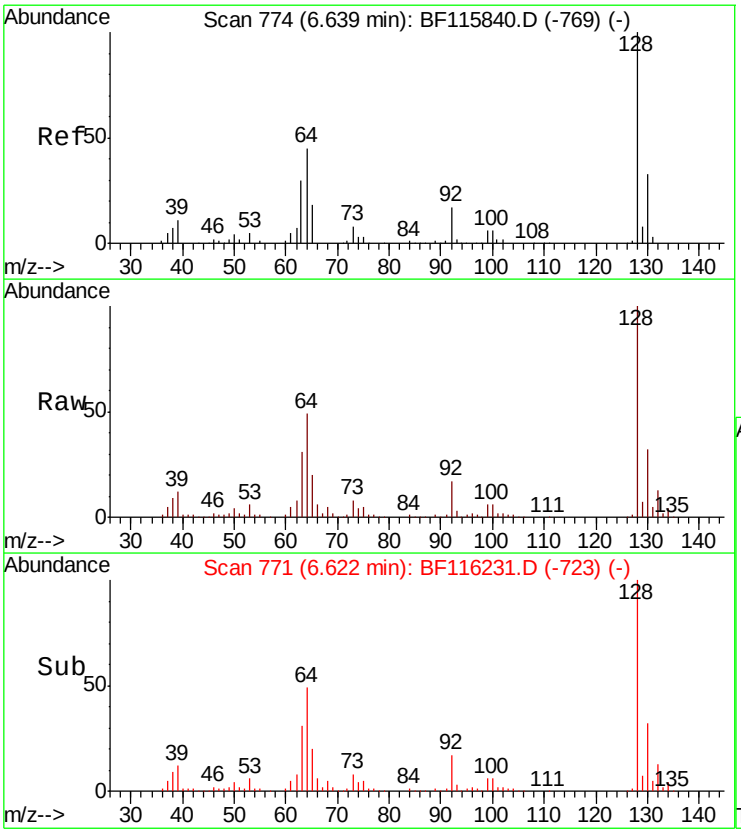
#7
Phenol-d6
Concen: 98.244 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion: 99 Resp: 1008872

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.8	20.8
71	33.3	27.3	40.9

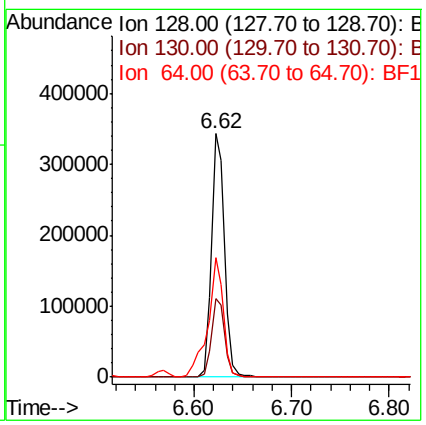


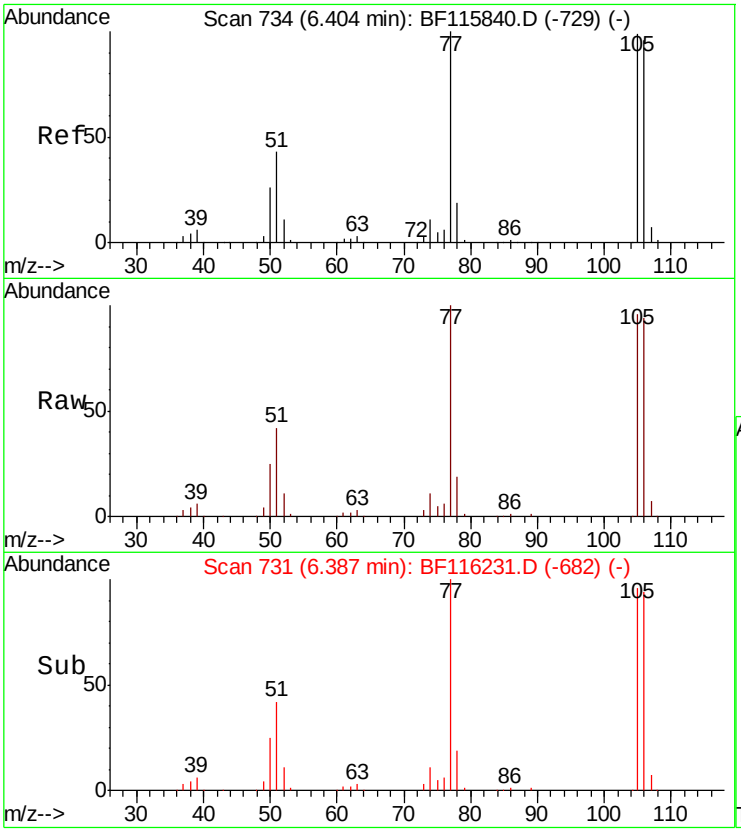


#8
2-Chlorophenol
Concen: 35.050 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:128 Resp: 315462

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	48.8	24.3	64.3



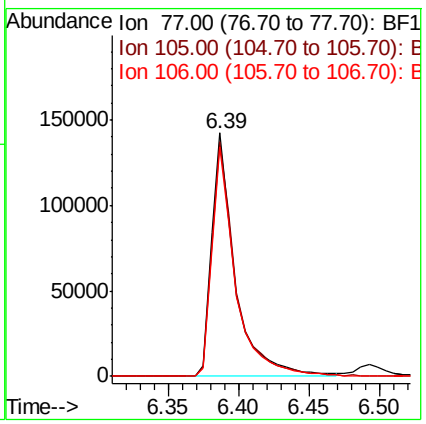


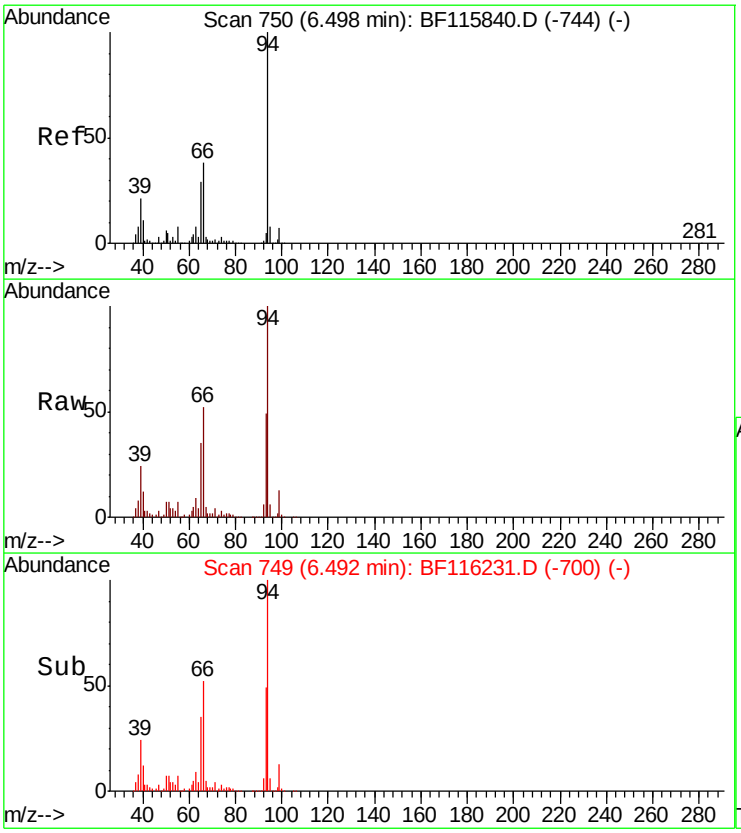
#9
Benzaldehyde
Concen: 22.967 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion: 77 Resp: 162737

Ion	Ratio	Lower	Upper
77	100		
105	96.4	79.2	119.2
106	94.1	74.3	114.3

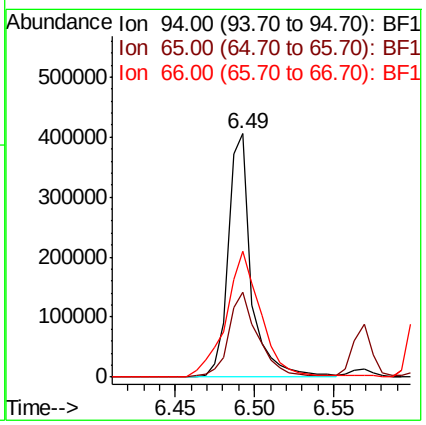


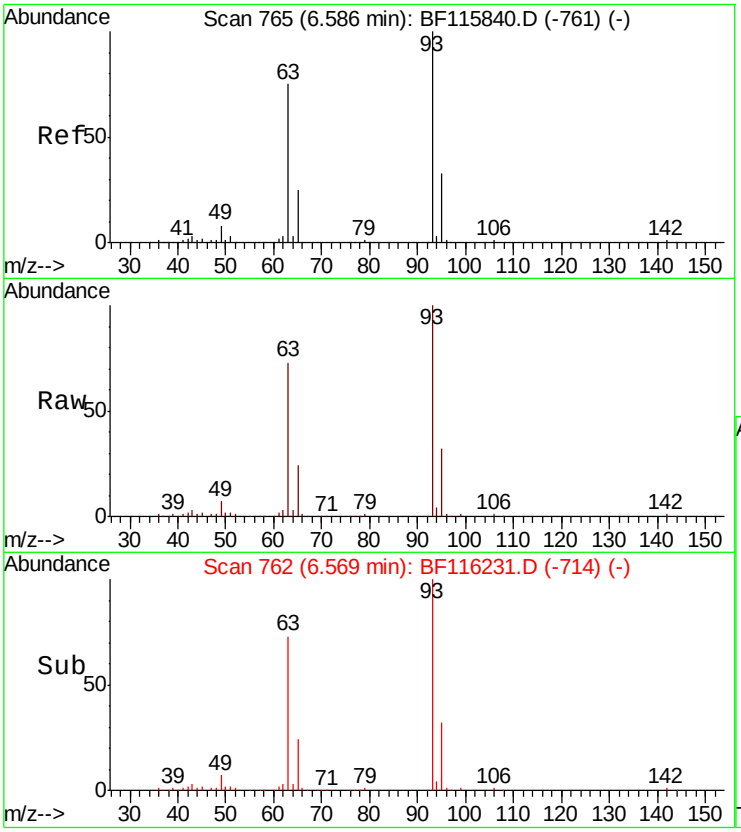


#10
Phenol
Concen: 34.046 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion: 94 Resp: 411712

Ion	Ratio	Lower	Upper
94	100		
65	34.7	16.8	56.8
66	51.8	34.2	74.2



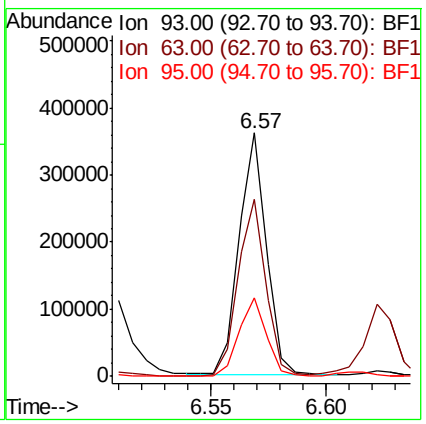


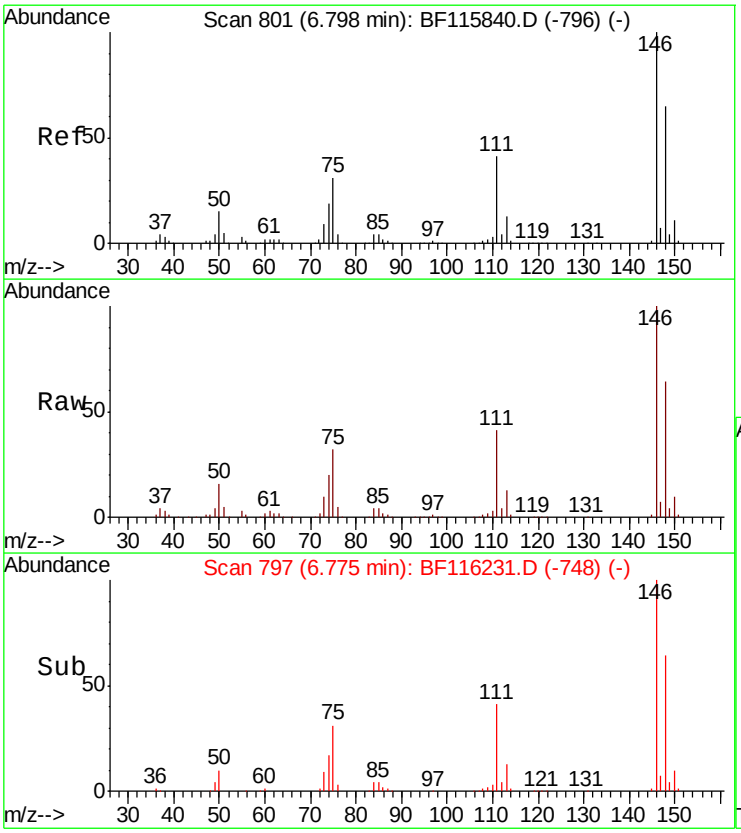
#11
bis(2-Chloroethyl)ether
Concen: 33.625 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion: 93 Resp: 298958

Ion	Ratio	Lower	Upper
93	100		
63	72.6	51.9	91.9
95	32.1	13.0	53.0

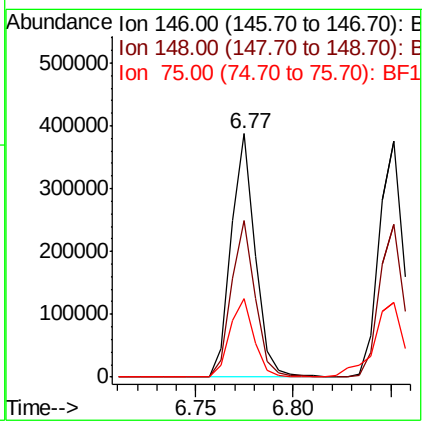


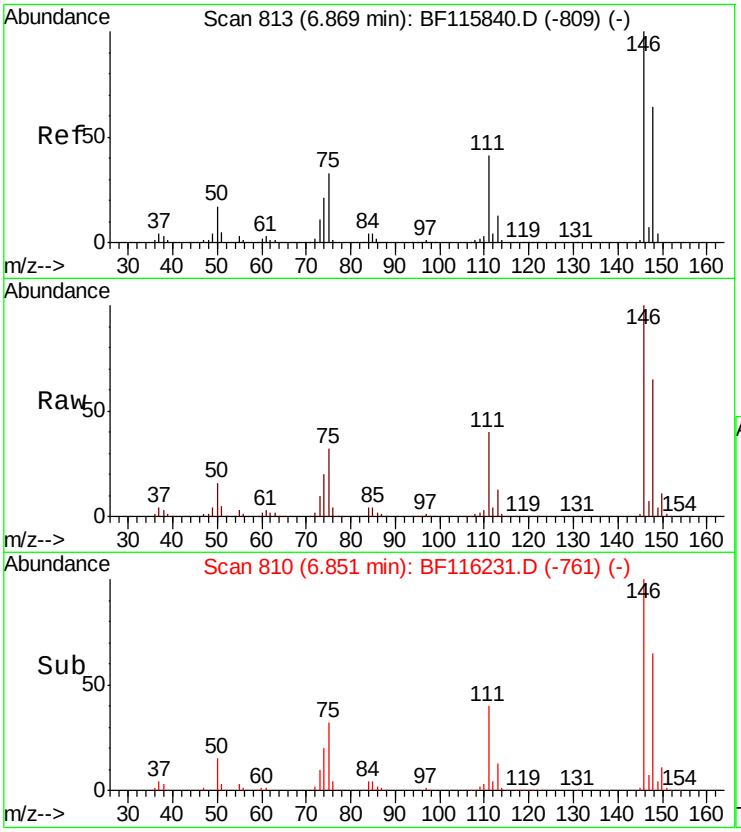


#12
1,3-Dichlorobenzene
Concen: 31.764 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:146 Resp: 330404

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.3	76.9
75	32.1	27.4	41.2



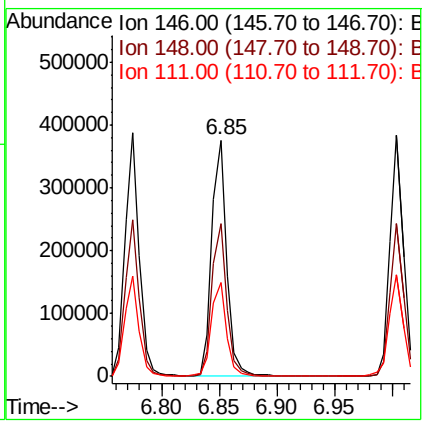


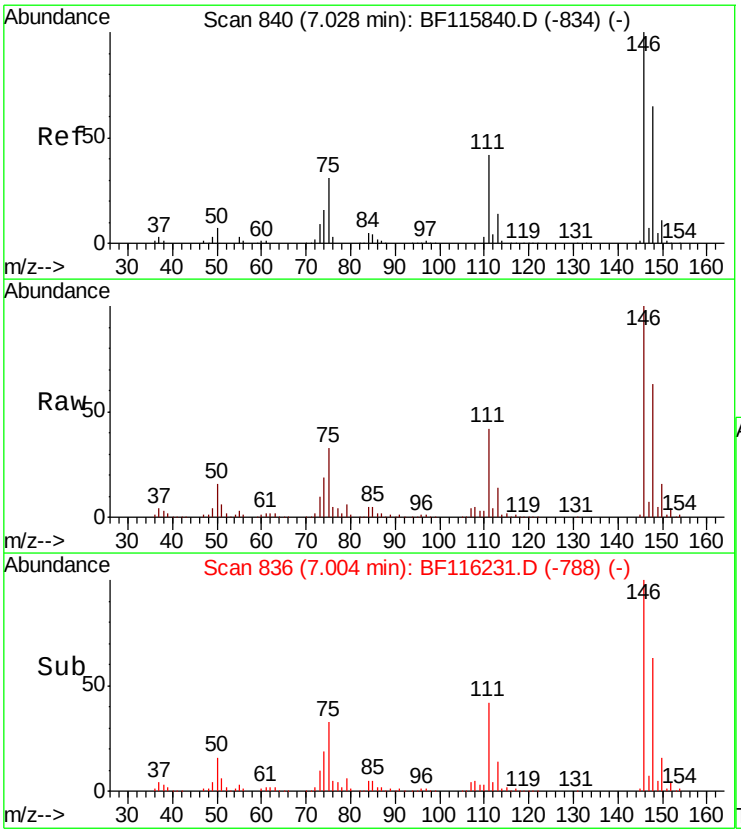
#13
1,4-Dichlorobenzene
Concen: 32.390 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:146 Resp: 337341

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.3	76.9
111	39.8	34.0	51.0

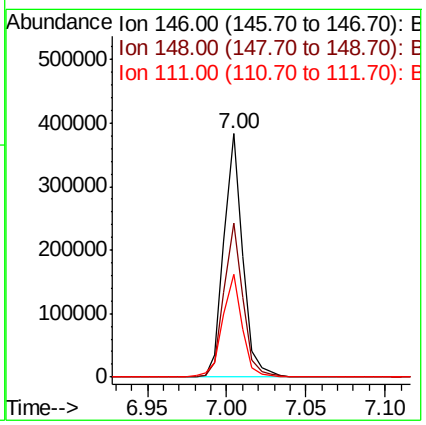


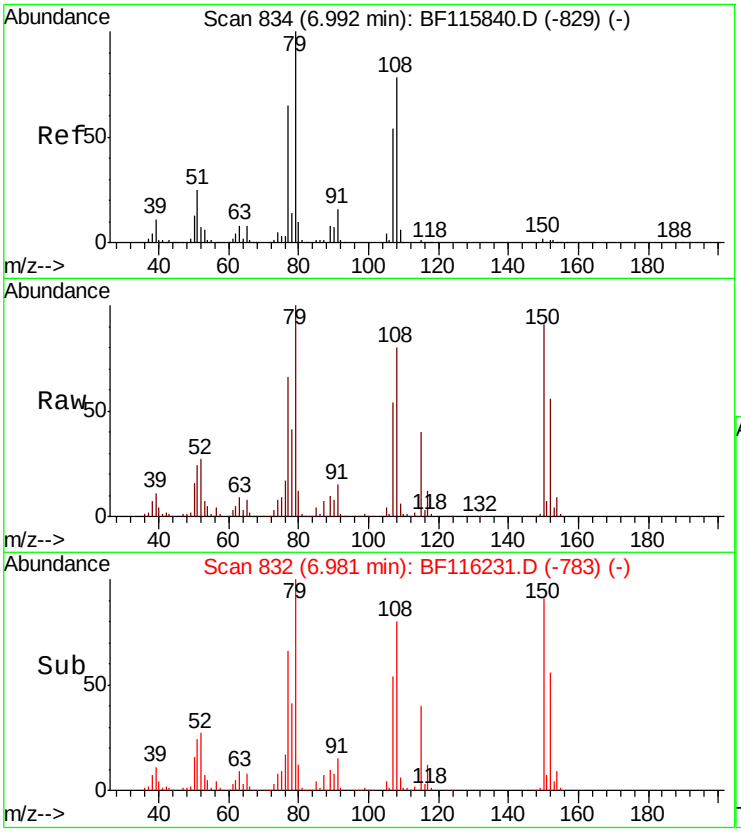


#14
1,2-Dichlorobenzene
Concen: 32.932 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:146 Resp: 315813

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.2	76.8
111	42.2	33.5	50.3



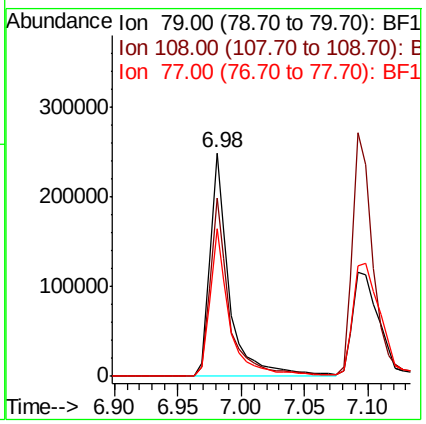


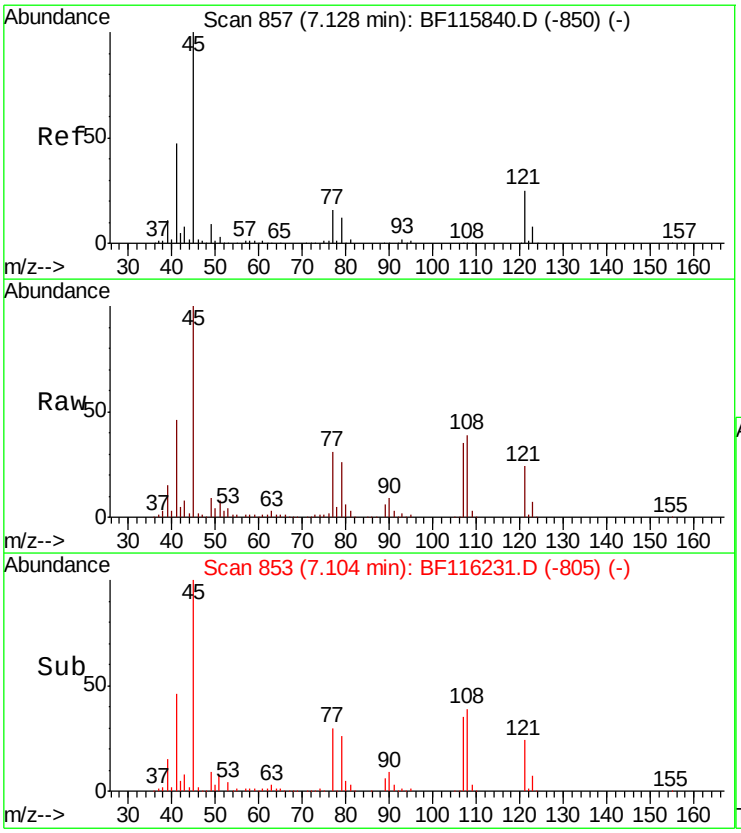
#15
Benzyl Alcohol
Concen: 34.597 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion: 79 Resp: 269623

Ion	Ratio	Lower	Upper
79	100		
108	79.9	62.7	94.1
77	65.9	52.2	78.2

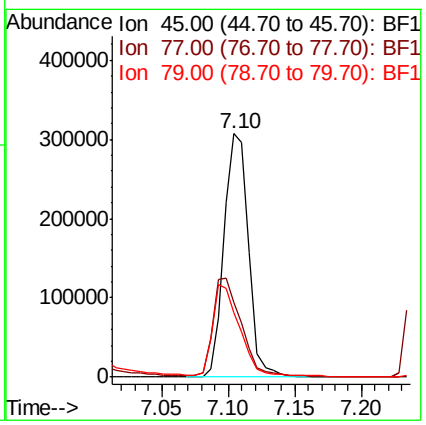


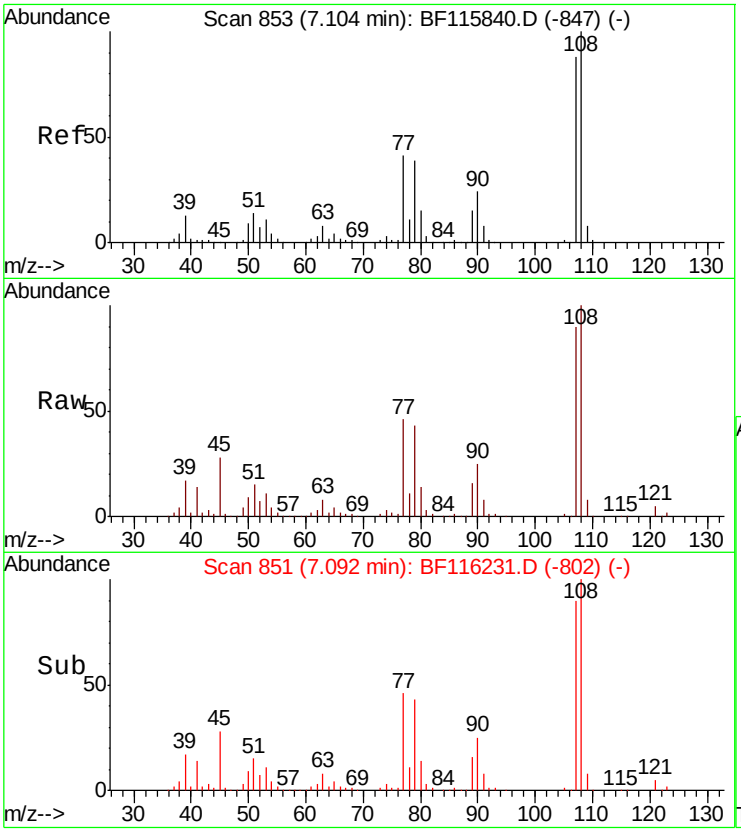


#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.747 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion: 45 Resp: 397120

Ion	Ratio	Lower	Upper
45	100		
77	30.8	0.0	40.0
79	26.3	0.0	35.9



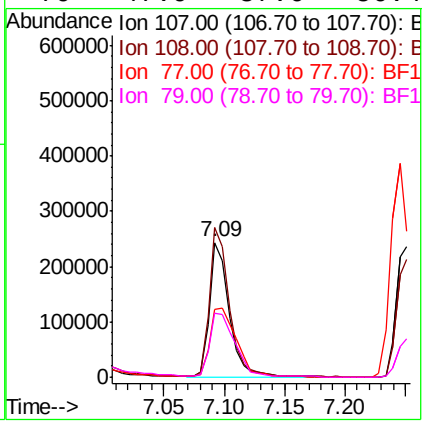


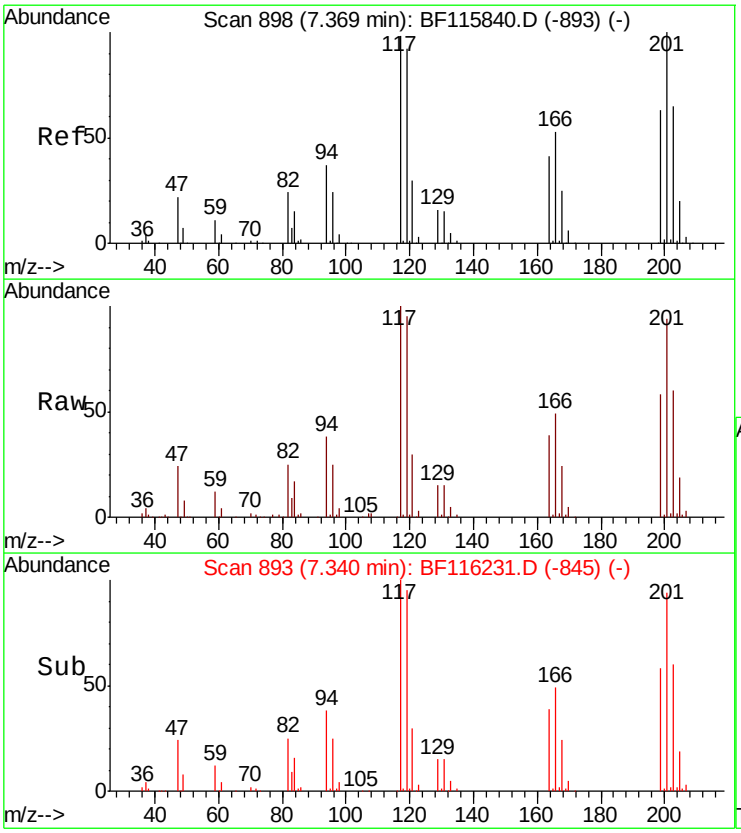
#17
2-Methylphenol
Concen: 35.474 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:107 Resp: 270351

Ion	Ratio	Lower	Upper
107	100		
108	111.5	91.2	136.8
77	50.9	40.3	60.5
79	47.9	37.6	56.4

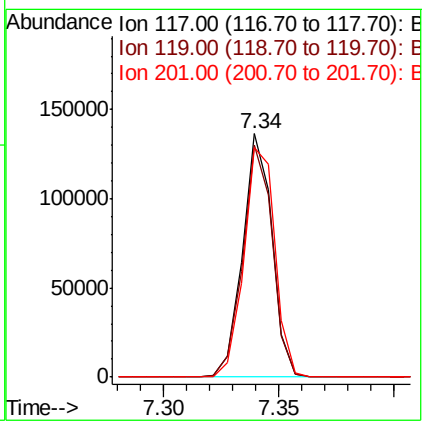


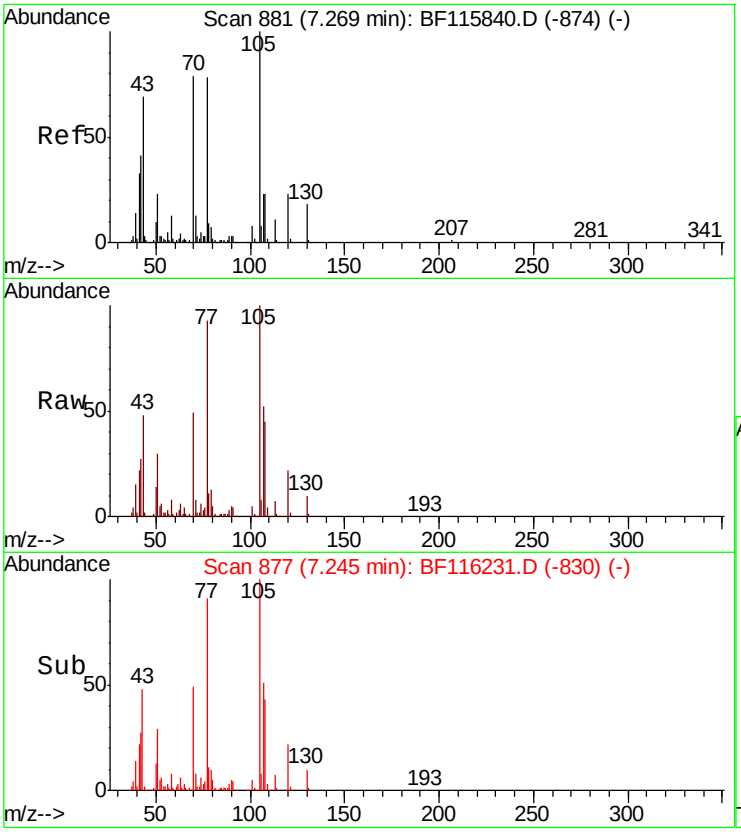


#18
Hexachloroethane
Concen: 31.676 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:117 Resp: 121463

Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.1	114.1
201	94.4	77.0	115.4



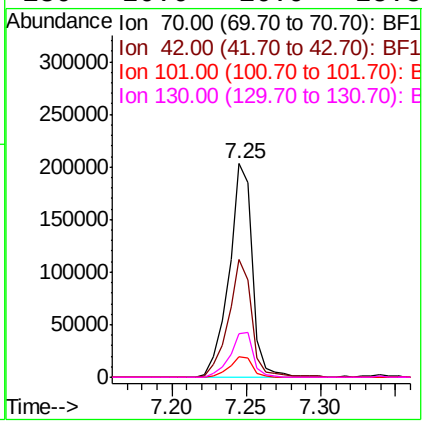


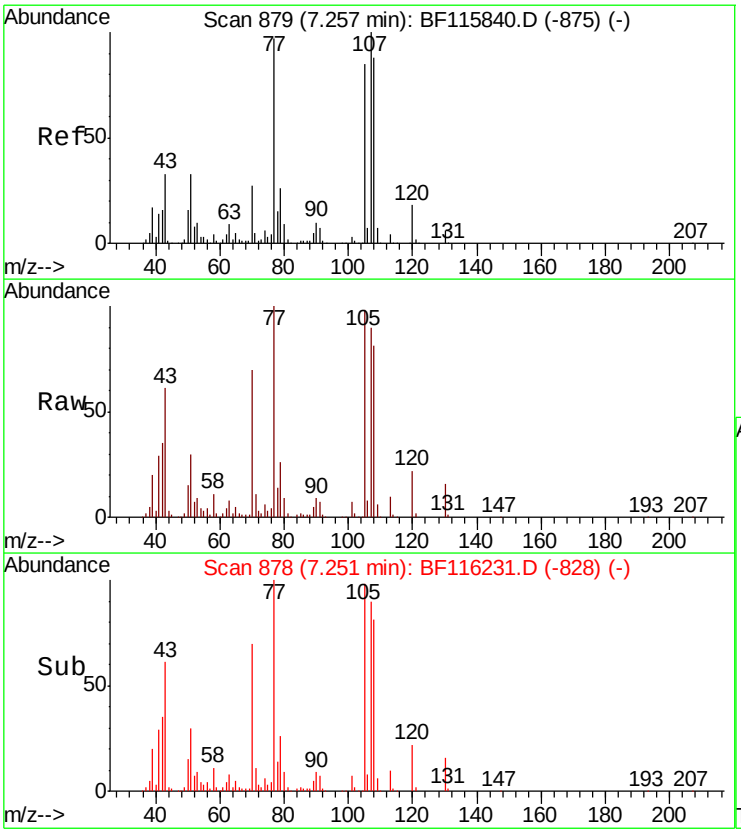
#19
n-Nitroso-di-n-propylamine
Concen: 35.261 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion: 70 Resp: 224386

Ion	Ratio	Lower	Upper
70	100		
42	55.0	40.9	61.3
101	9.6	7.9	11.9
130	20.6	16.9	25.3

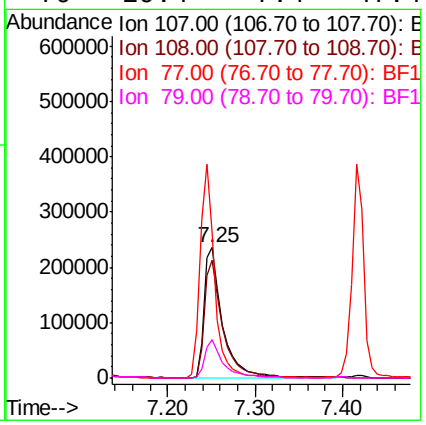


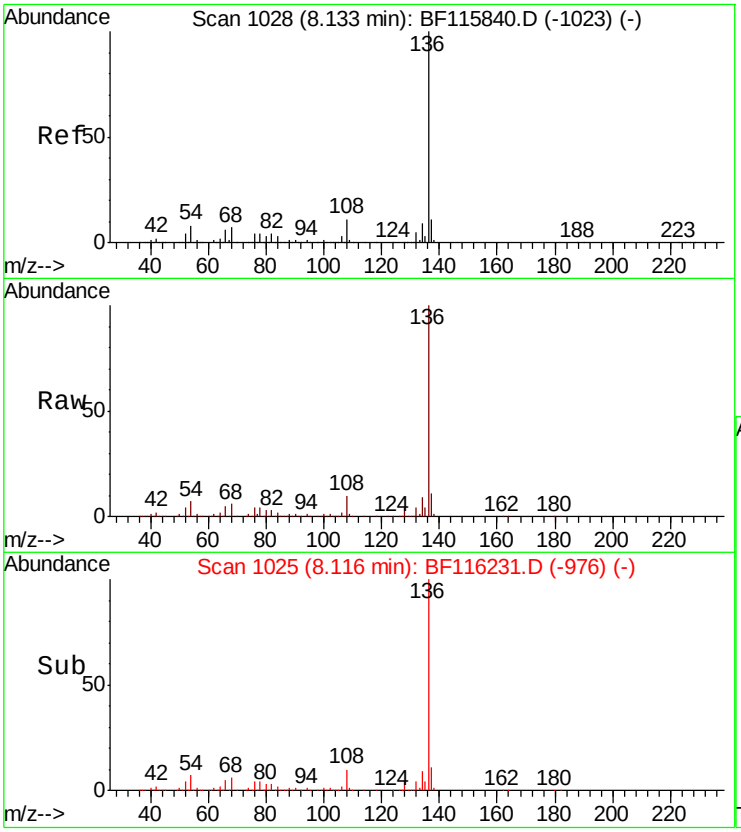


#20
3+4-Methylphenols
Concen: 37.921 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:107 Resp: 341995

Ion	Ratio	Lower	Upper
107	100		
108	90.6	67.6	107.6
77	111.7	104.4	144.4
79	29.4	7.4	47.4



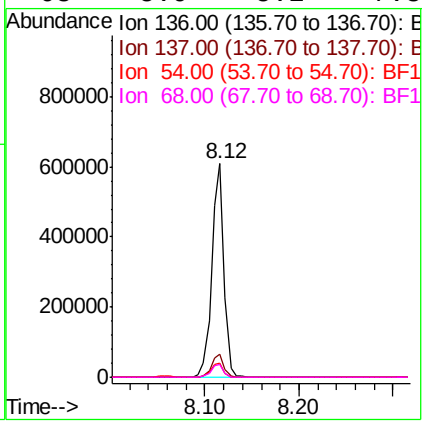


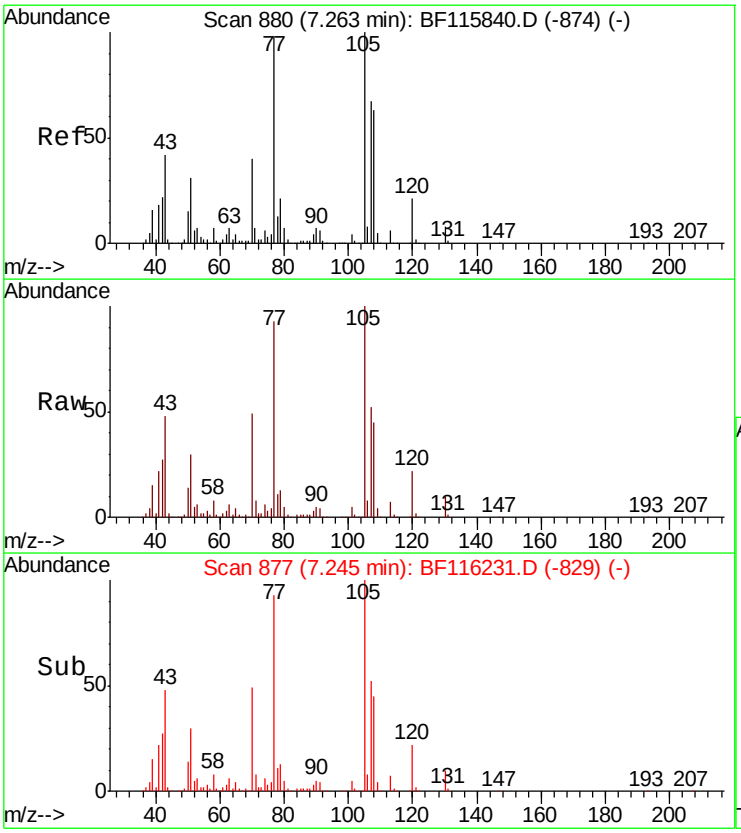
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:136 Resp: 556048

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.7	5.8	8.6
68	5.9	5.2	7.8

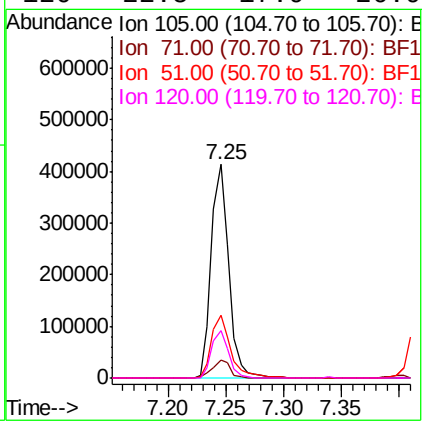


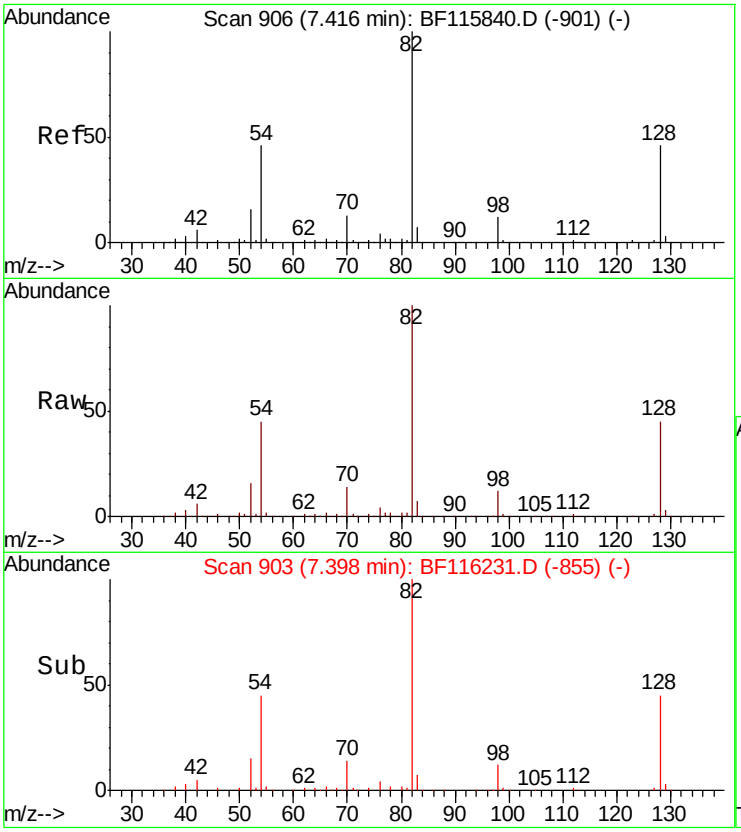


#22
Acetophenone
Concen: 35.804 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:105 Resp: 436625

Ion	Ratio	Lower	Upper
105	100		
71	8.3	5.9	8.9
51	29.5	25.3	37.9
120	22.5	17.9	26.9



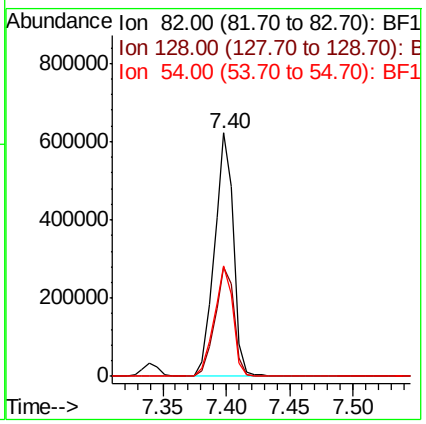


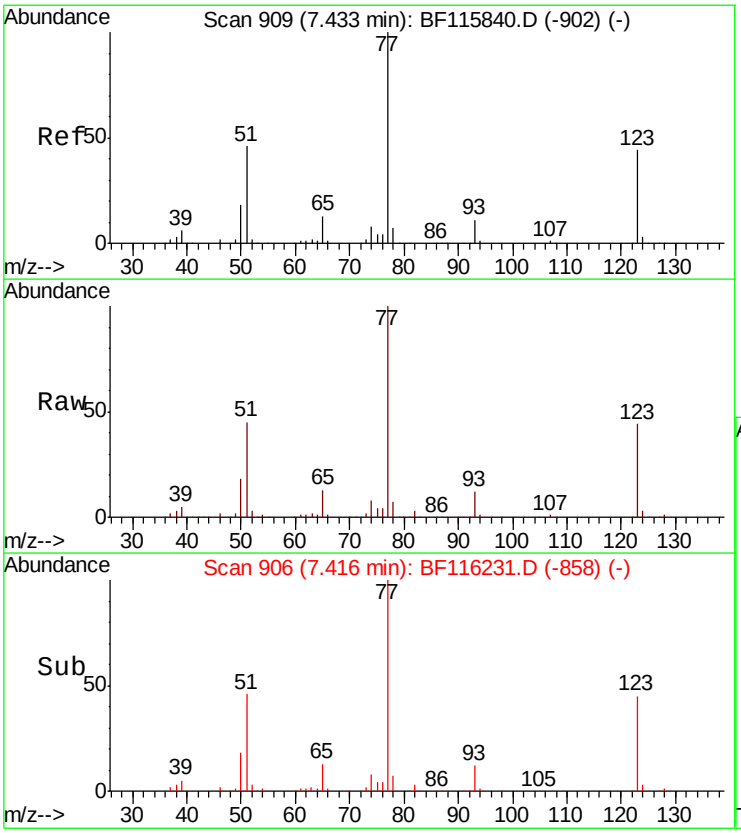
#23
Nitrobenzene-d5
Concen: 67.990 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion: 82 Resp: 654947

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.5	54.7
54	45.4	36.0	54.0

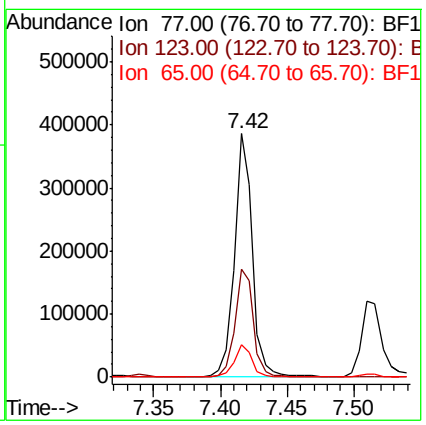


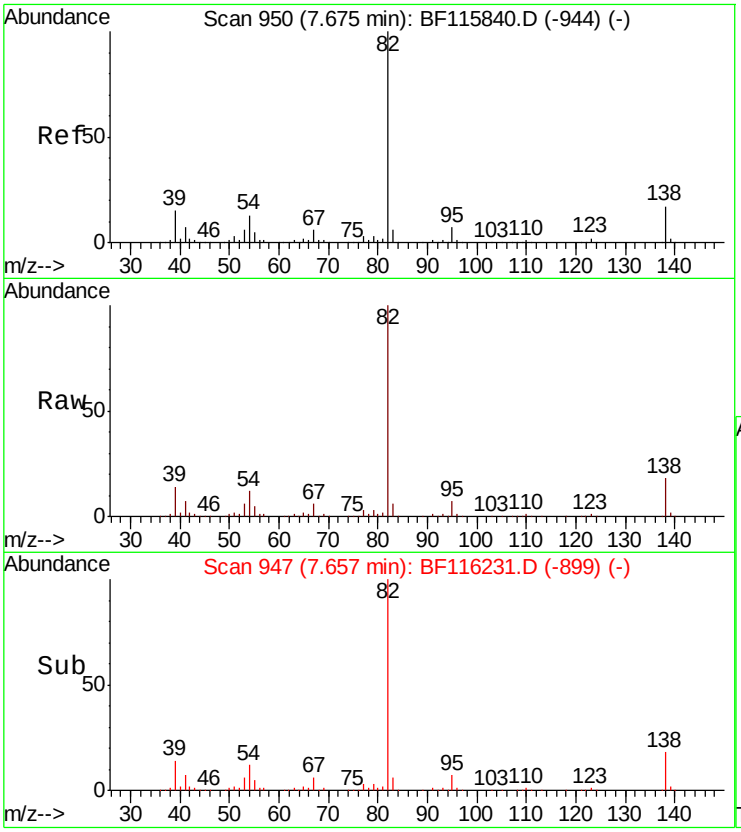


#24
Nitrobenzene
Concen: 34.755 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion: 77 Resp: 361506

Ion	Ratio	Lower	Upper
77	100		
123	44.3	36.7	55.1
65	13.1	10.6	16.0



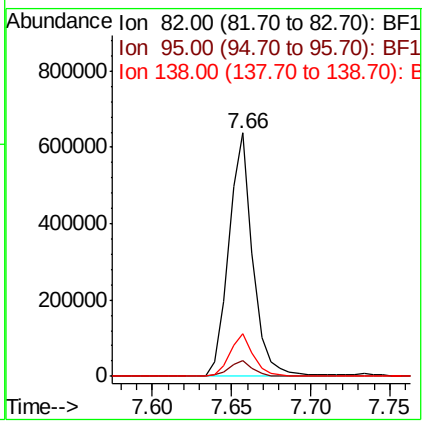


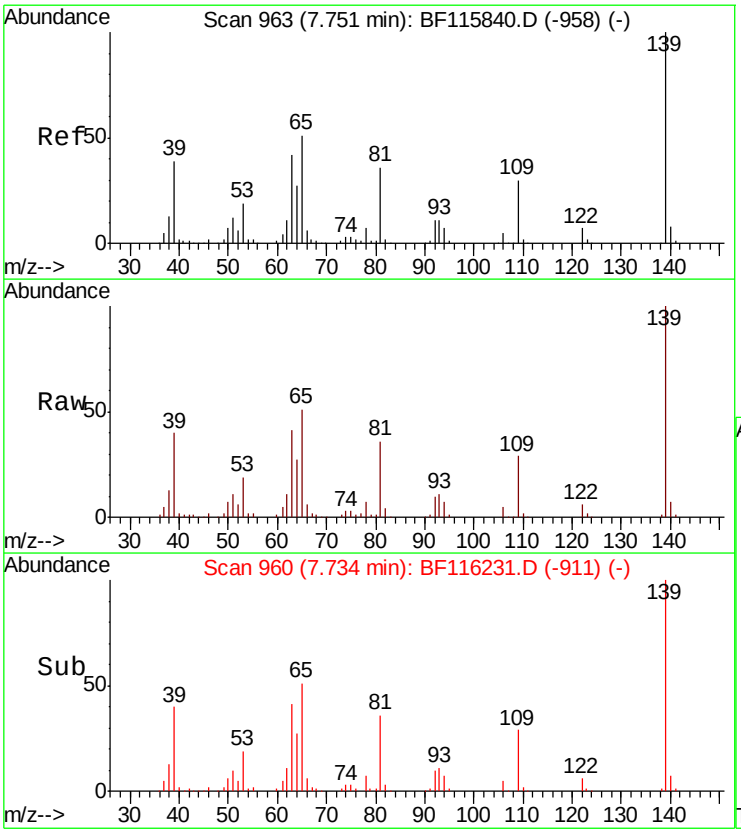
#25
Isophorone
Concen: 36.361 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.02 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion: 82 Resp: 669762

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.4	8.0
138	17.7	14.5	21.7

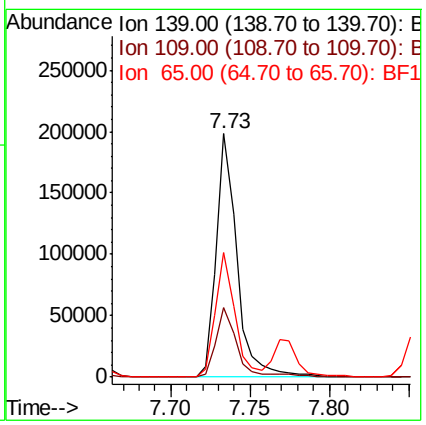


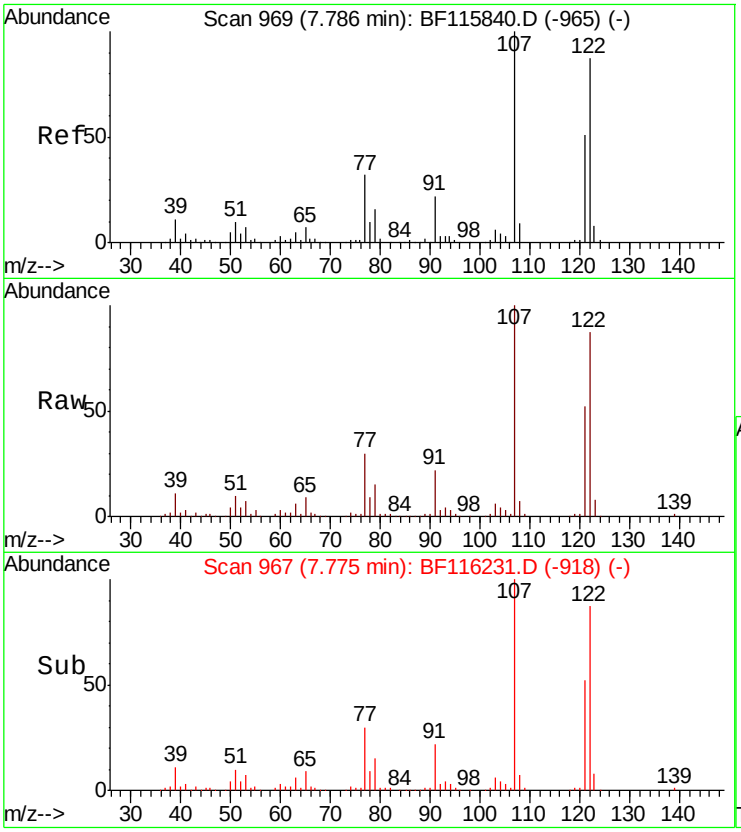


#26
2-Nitrophenol
Concen: 36.735 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:139 Resp: 180111

Ion	Ratio	Lower	Upper
139	100		
109	28.7	23.4	35.2
65	51.0	41.1	61.7



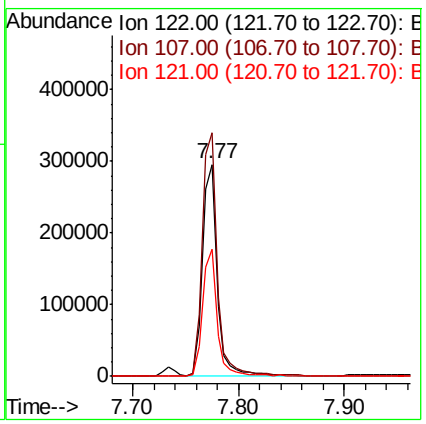


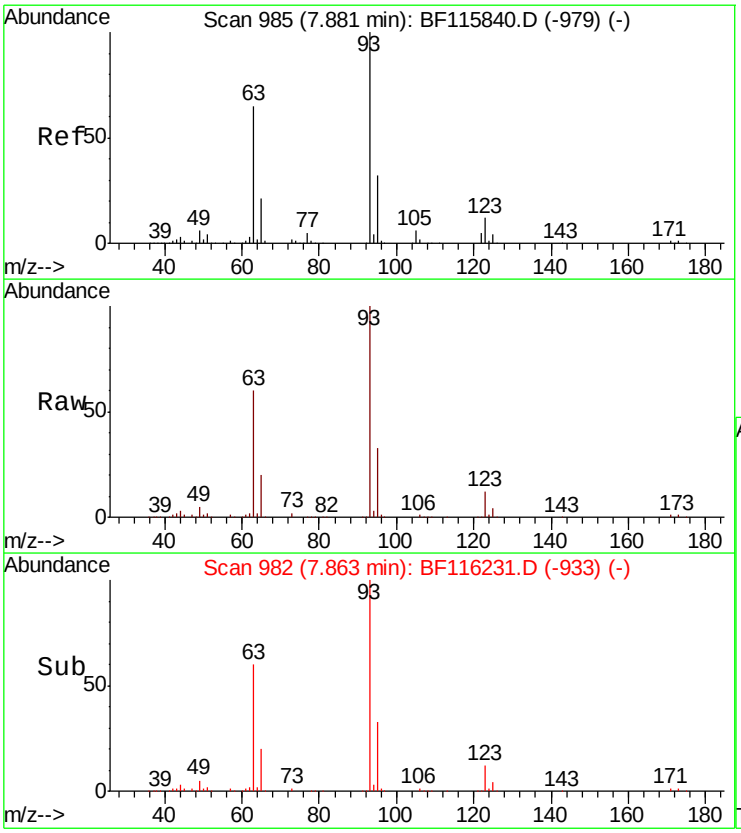
#27
2,4-Dimethylphenol
Concen: 38.896 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:122 Resp: 286916

Ion	Ratio	Lower	Upper
122	100		
107	114.8	93.0	139.6
121	60.0	47.6	71.4

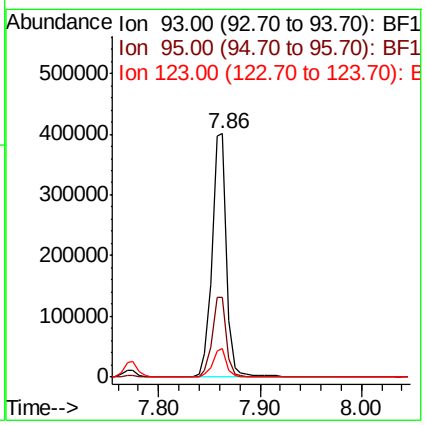


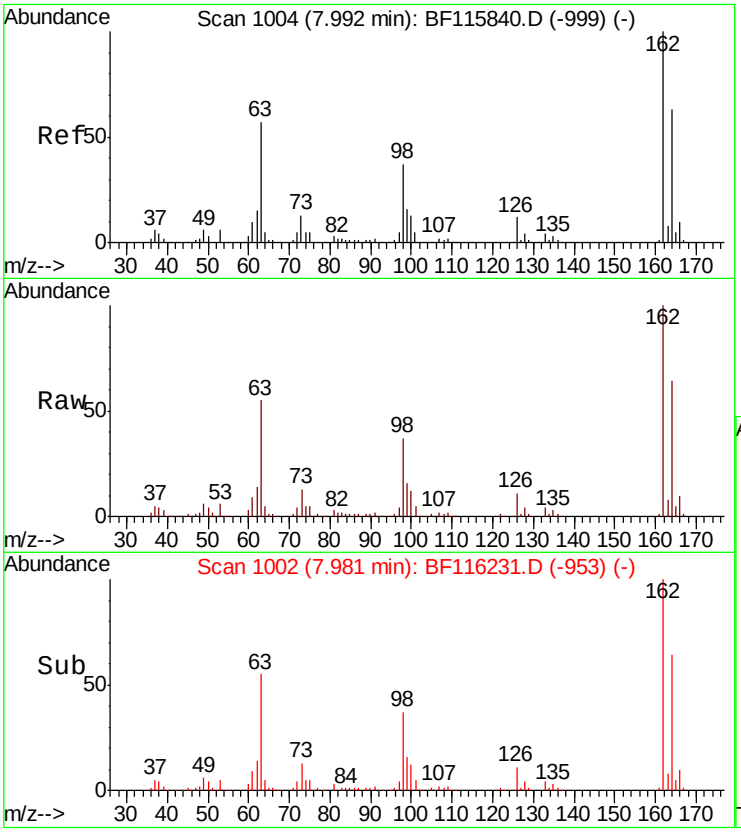


#28
bis(2-Chloroethoxy)methane
Concen: 35.155 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion: 93 Resp: 401366

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	11.8	9.2	13.8



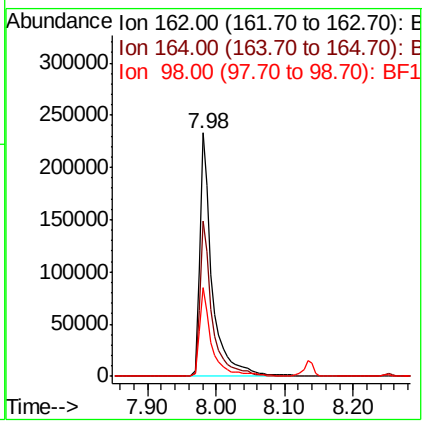


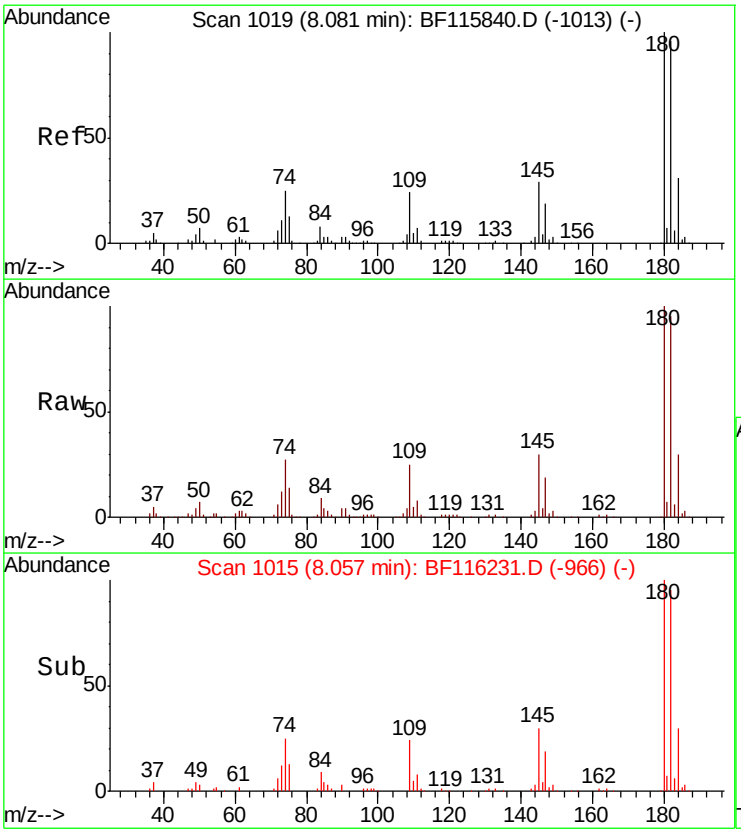
#29
2,4-Dichlorophenol
Concen: 38.328 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:162 Resp: 298523

Ion	Ratio	Lower	Upper
162	100		
164	63.7	45.1	85.1
98	36.5	15.8	55.8

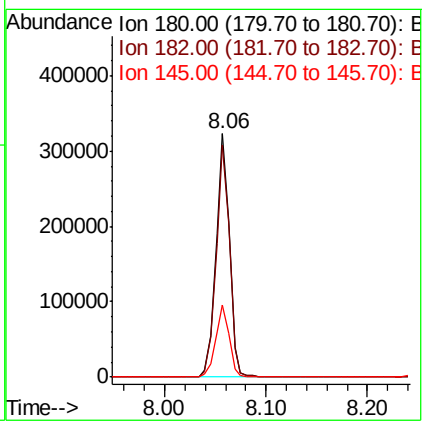


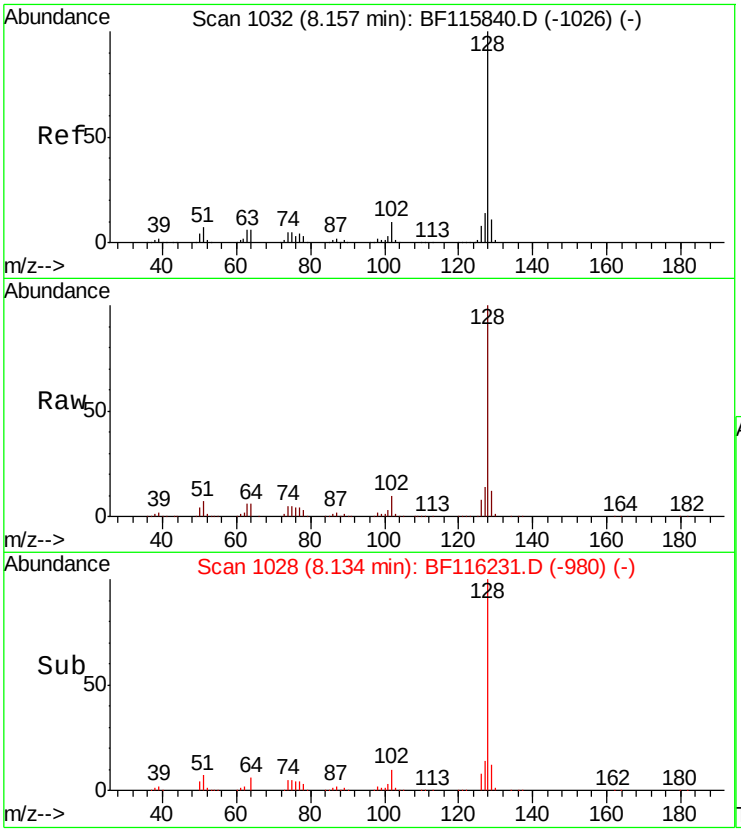


#30
1,2,4-Trichlorobenzene
Concen: 33.463 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:180 Resp: 297095

Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.7	113.5
145	29.7	24.3	36.5



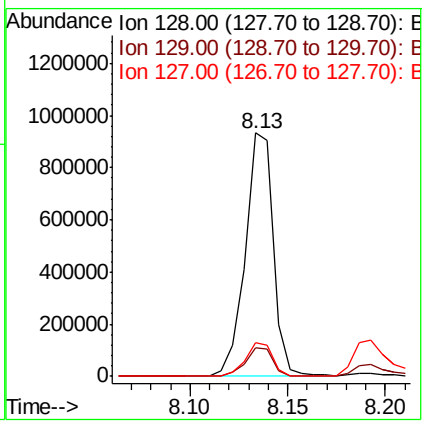


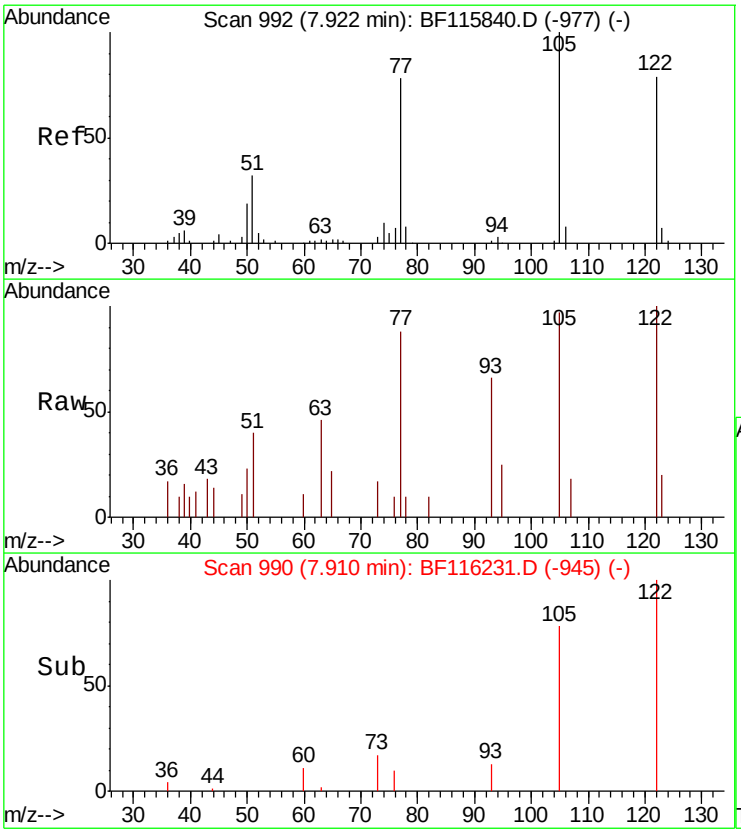
#31
Naphthalene
Concen: 35.623 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:128 Resp: 932118

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	13.6	11.4	17.0

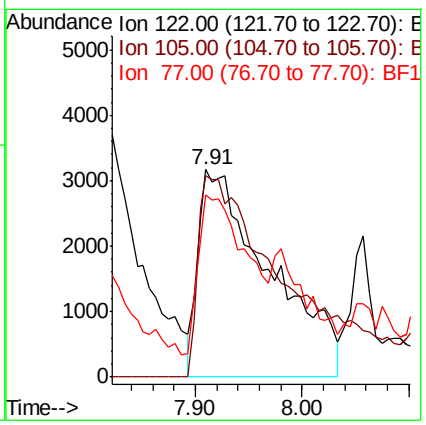


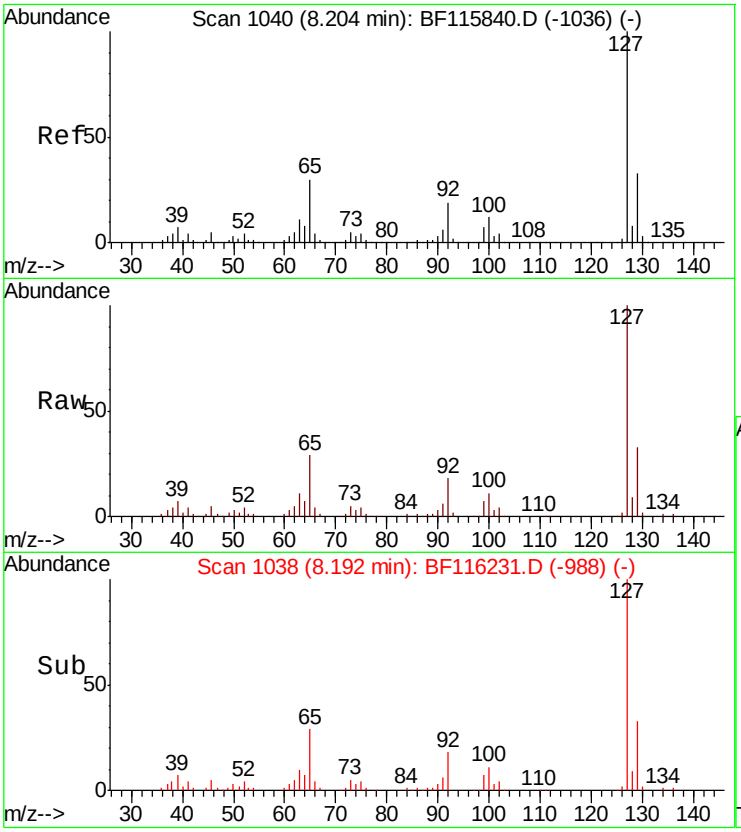


#32
Benzoic acid
Concen: 2.846 ng m
RT: 7.91 min Scan# 990
Delta R.T. -0.04 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:122 Resp: 14803

Ion	Ratio	Lower	Upper
122	100		
105	96.8	106.1	146.1#
77	87.6	76.7	116.7



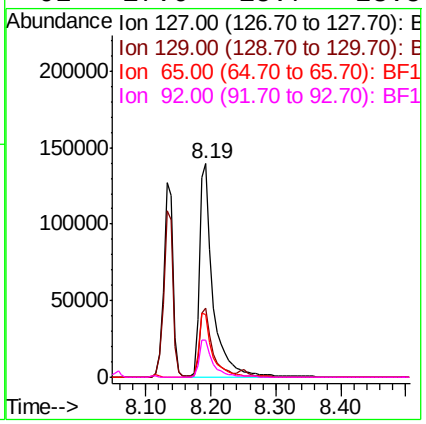


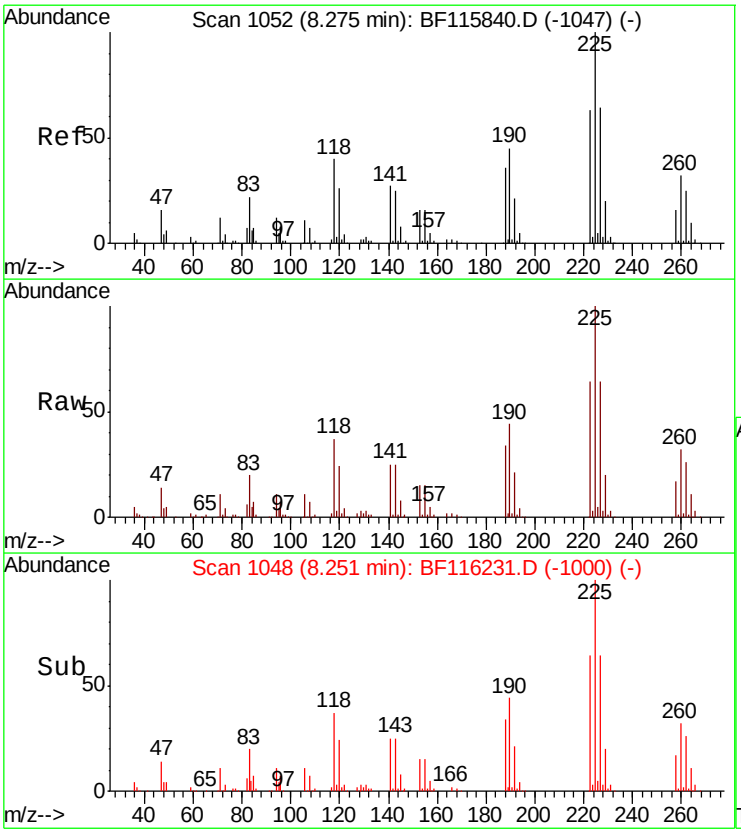
#33
4-Chloroaniline
Concen: 17.088 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:127 Resp: 199785

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	29.1	24.9	37.3
92	17.6	15.7	23.5

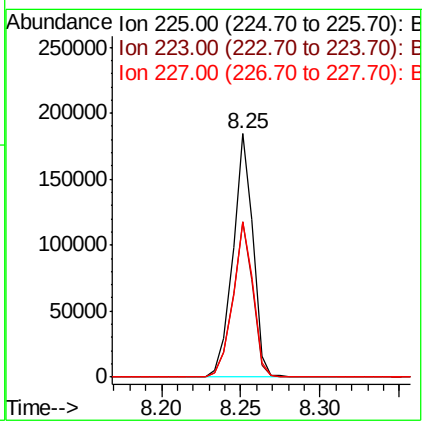


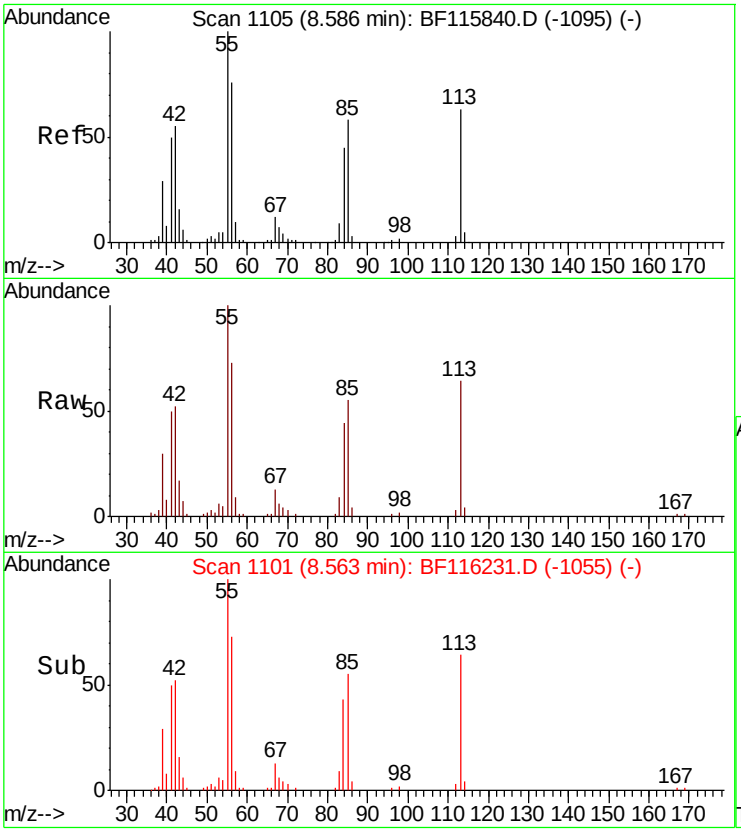


#34
Hexachlorobutadiene
Concen: 31.594 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:225 Resp: 161570

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.0	75.0
227	64.0	51.0	76.4



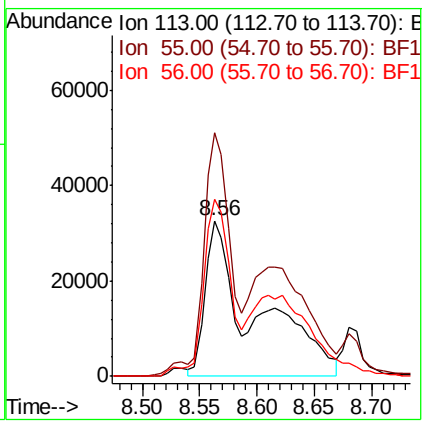


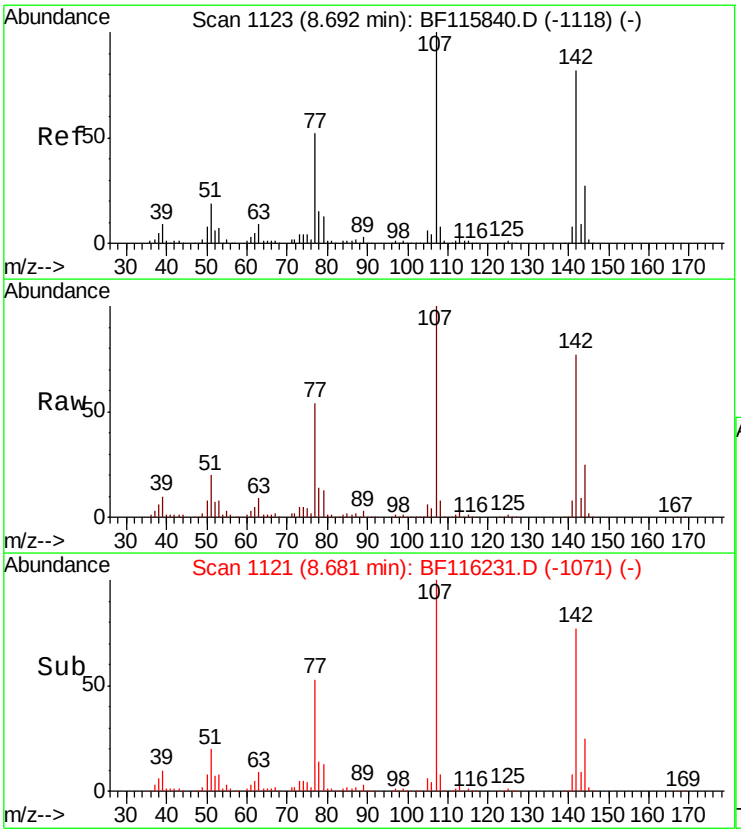
#35
Caprolactam
Concen: 39.050 ng m
RT: 8.56 min Scan# 1101
Delta R.T. -0.03 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:113 Resp: 98370

Ion	Ratio	Lower	Upper
113	100		
55	156.7	144.3	184.3
56	113.7	97.1	137.1

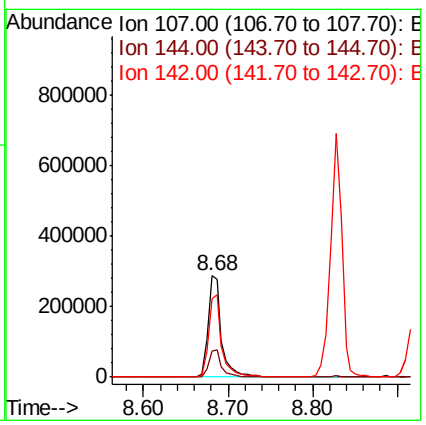


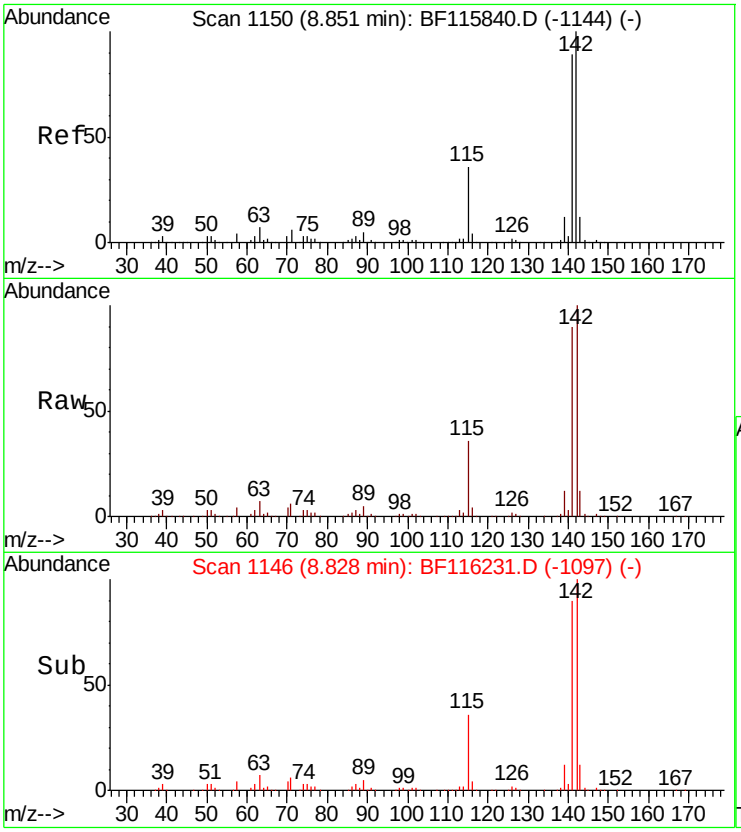


#36
4-Chloro-3-methylphenol
Concen: 39.764 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:107 Resp: 322197

Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.2	30.2
142	77.2	61.7	92.5



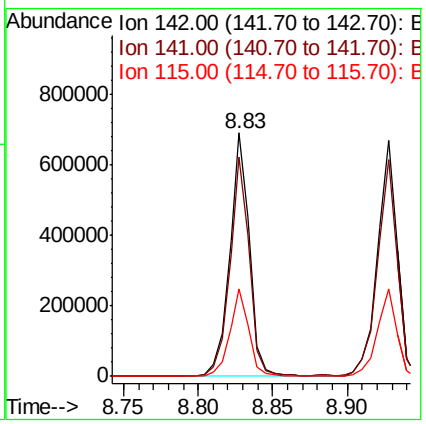


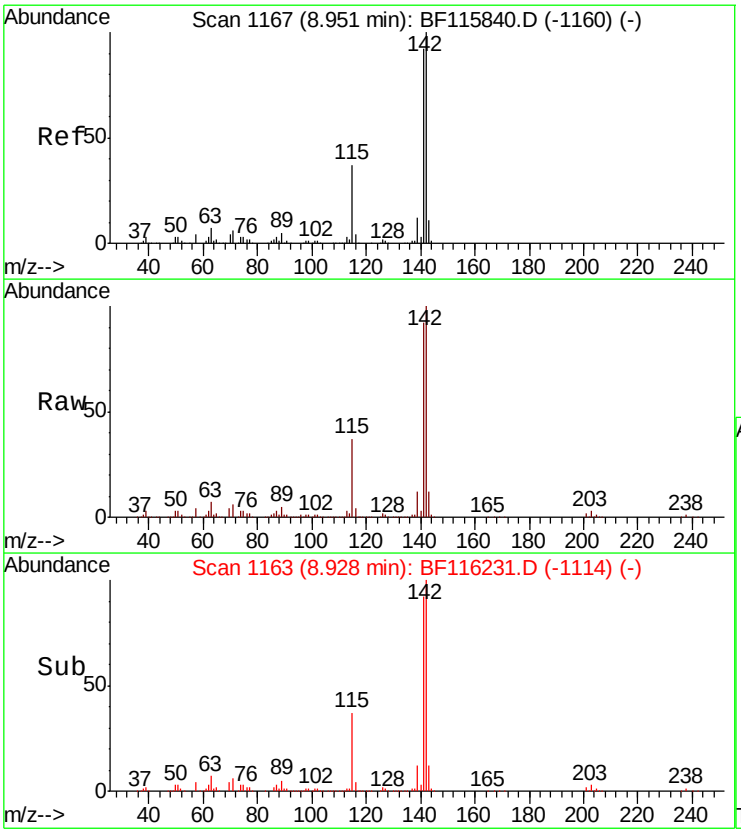
#37
2-Methylnaphthalene
Concen: 37.189 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:142 Resp: 640867

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.9	106.3
115	36.0	29.0	43.6

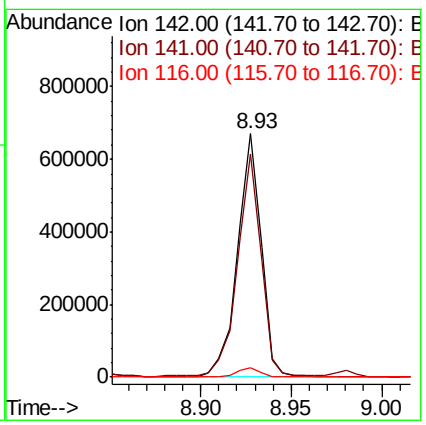


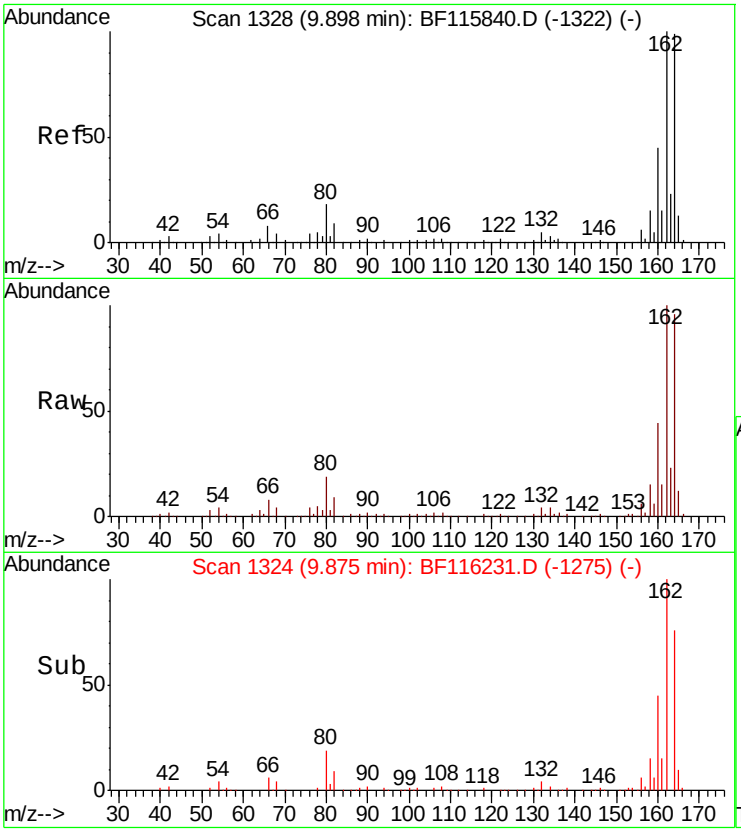


#38
1-Methylnaphthalene
Concen: 37.055 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:142 Resp: 604099

Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.4	111.6
116	3.7	3.1	4.7



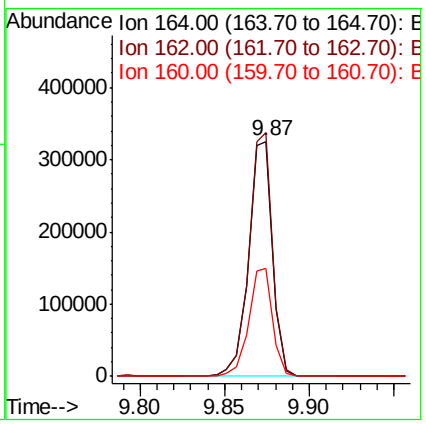


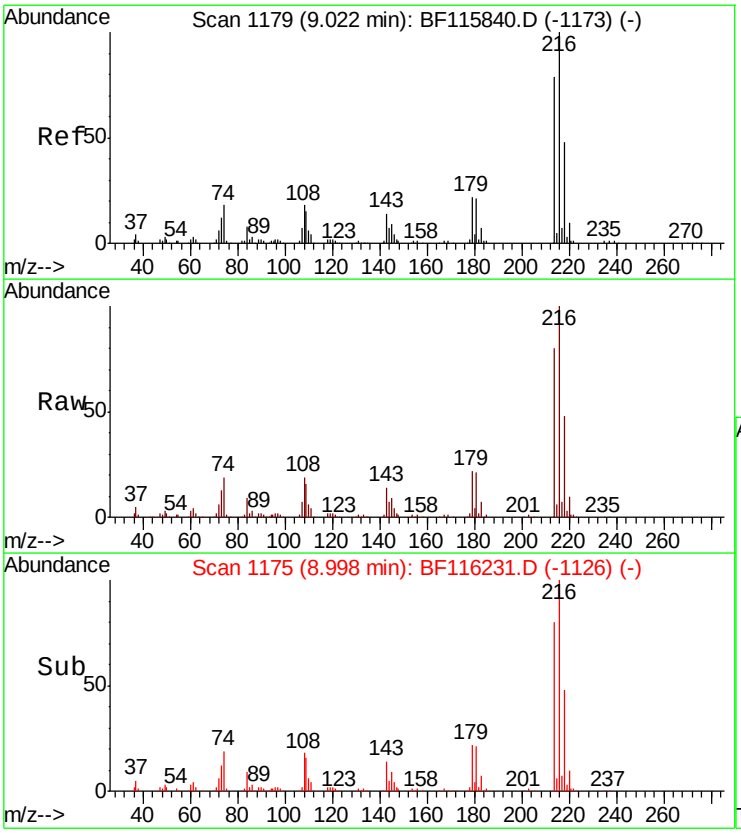
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:164 Resp: 322324

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	124.0
160	45.9	37.6	56.4

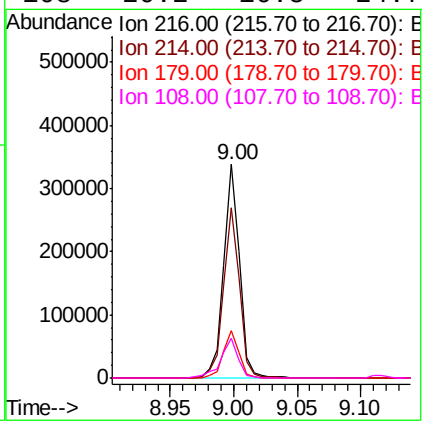


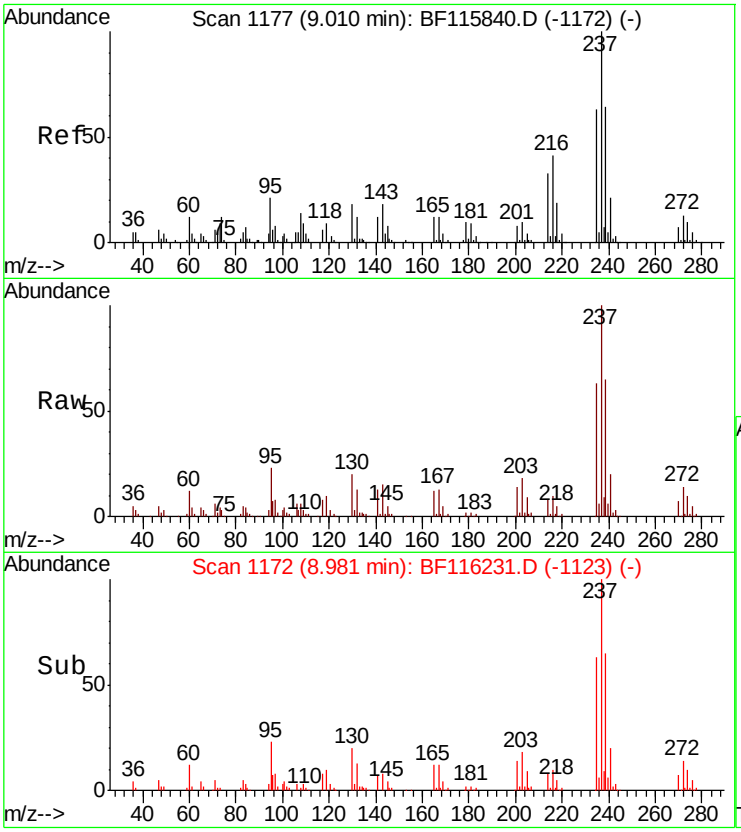


#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.109 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:216 Resp: 293915

Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.6	95.4
179	21.7	17.8	26.8
108	20.2	16.5	24.7



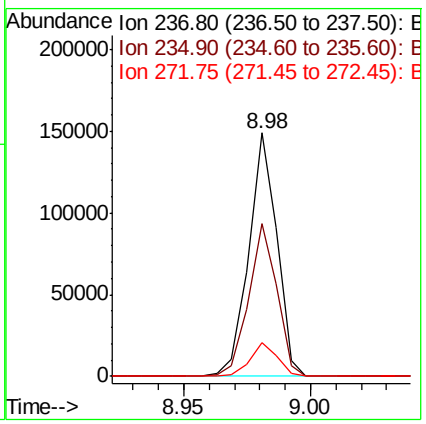


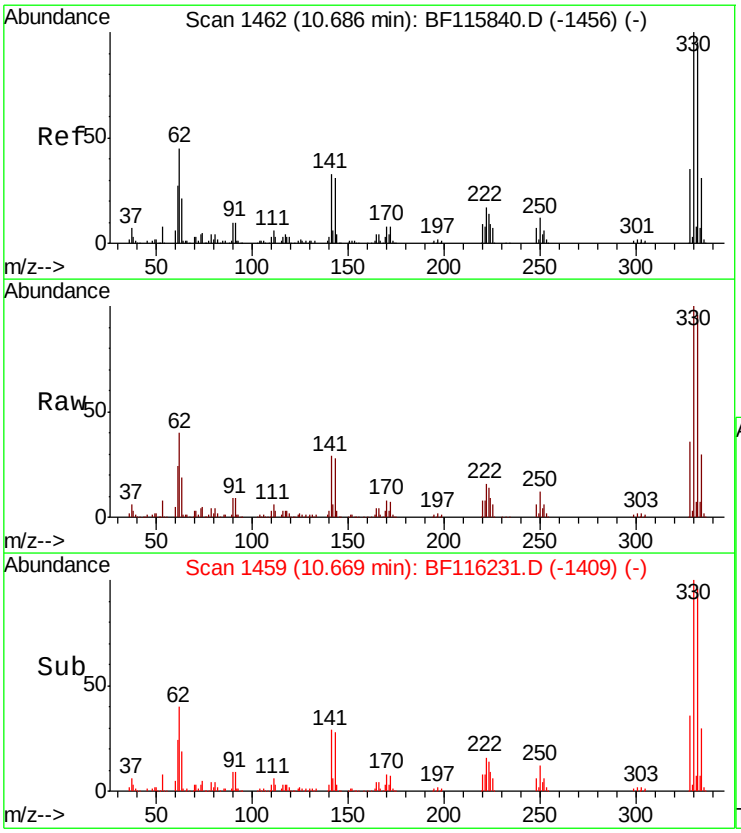
#41
Hexachlorocyclopentadiene
Concen: 33.487 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:237 Resp: 115160

Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.4	83.4
272	13.6	0.0	33.2

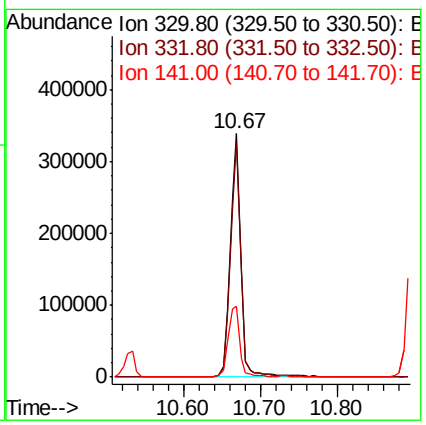


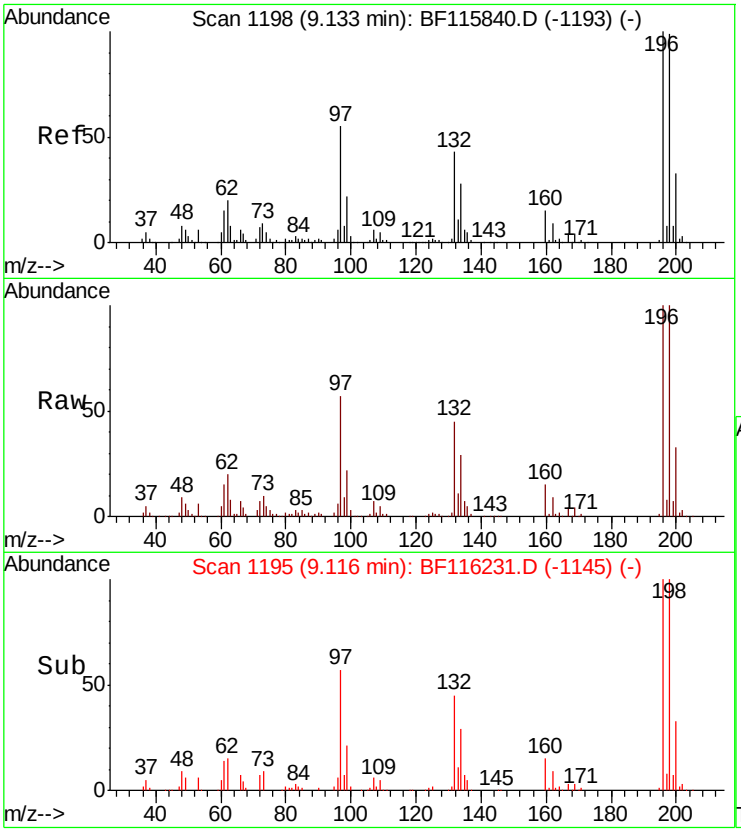


#42
2,4,6-Tribromophenol
Concen: 104.314 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:330 Resp: 325984

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.8	115.2
141	32.3	26.3	39.5



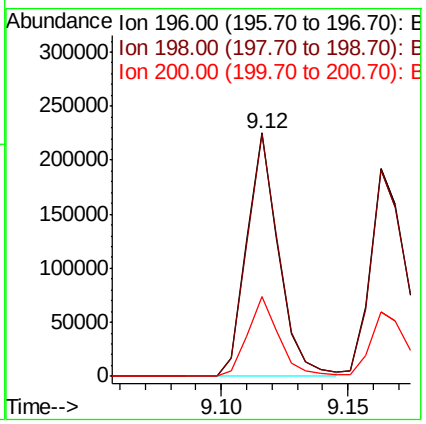


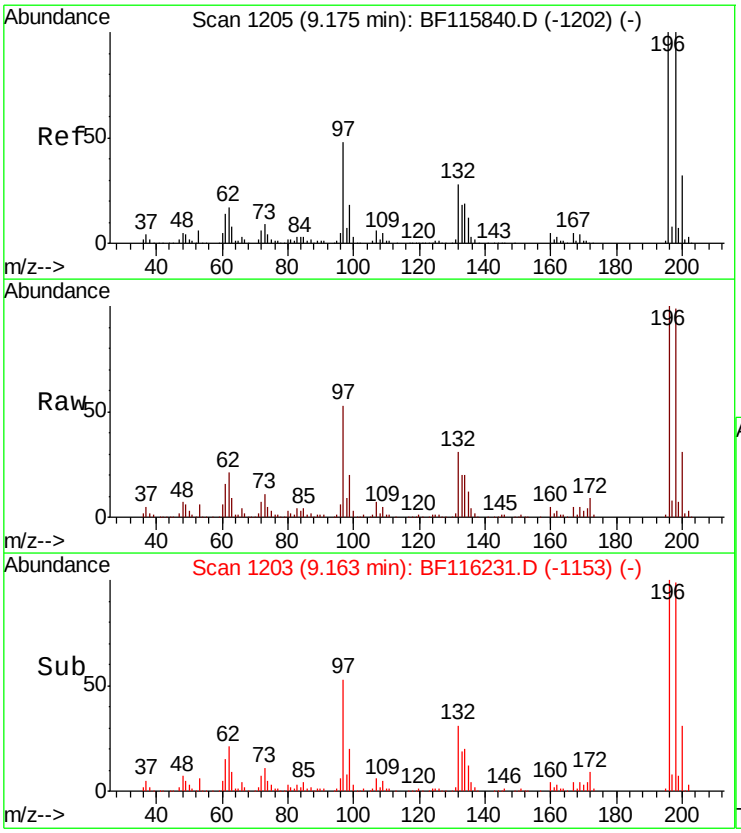
#43
2,4,6-Trichlorophenol
Concen: 33.554 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:196 Resp: 199016

Ion	Ratio	Lower	Upper
196	100		
198	99.7	79.2	118.8
200	32.5	25.2	37.8

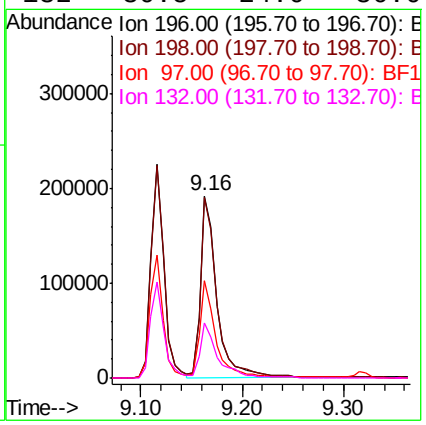


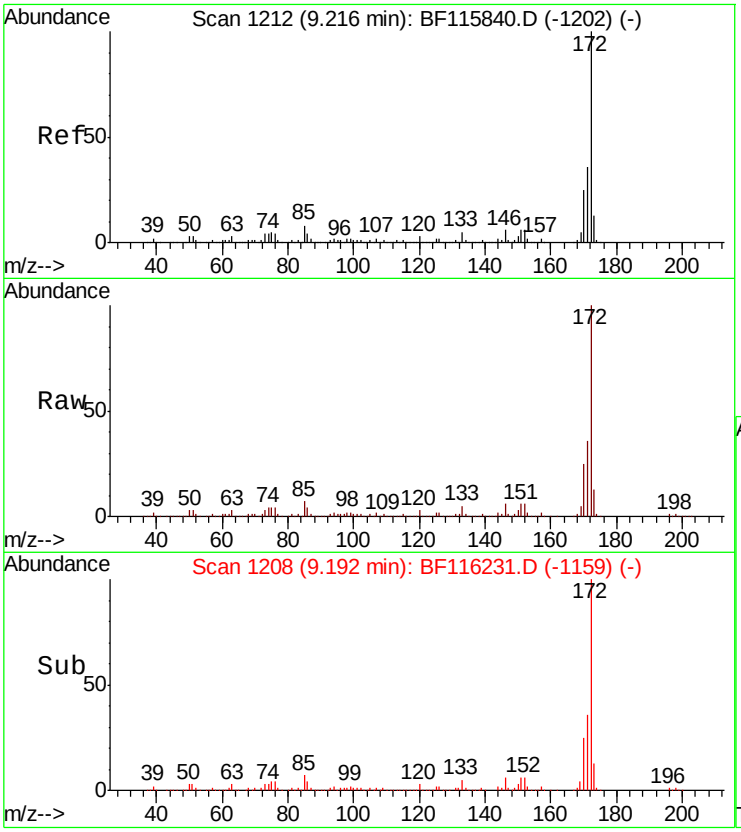


#44
2,4,5-Trichlorophenol
Concen: 35.186 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:196 Resp: 215729

Ion	Ratio	Lower	Upper
196	100		
198	99.3	78.8	118.2
97	53.3	42.2	63.4
132	30.5	24.0	36.0



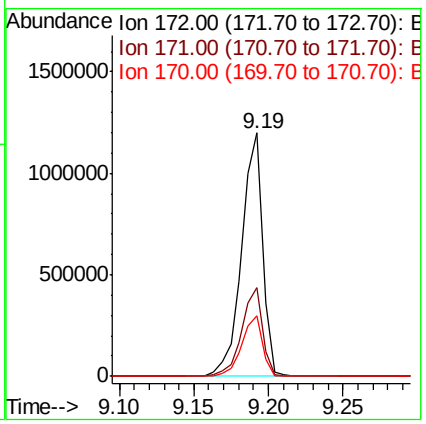


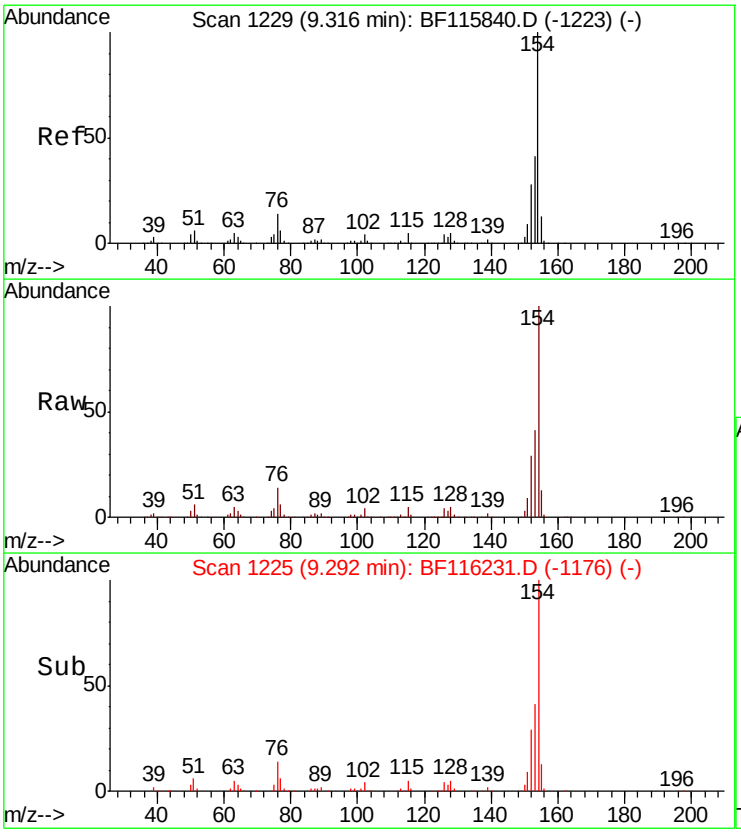
#45
2-Fluorobiphenyl
Concen: 67.895 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:172 Resp: 1168362

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.9	20.1	30.1

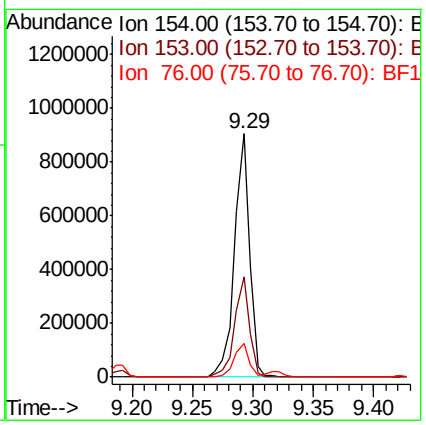


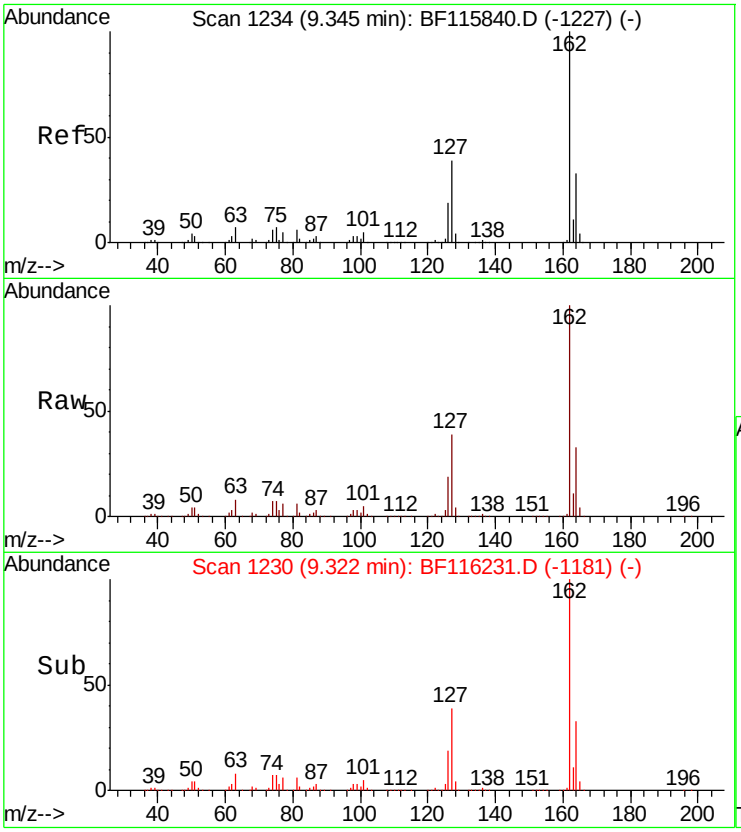


#46
1,1'-Biphenyl
Concen: 35.055 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:154 Resp: 797713

Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.4	61.4
76	13.9	0.0	35.2



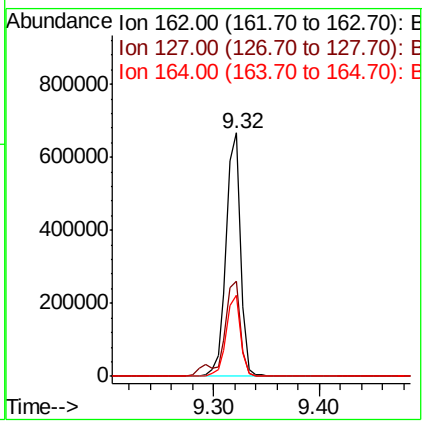


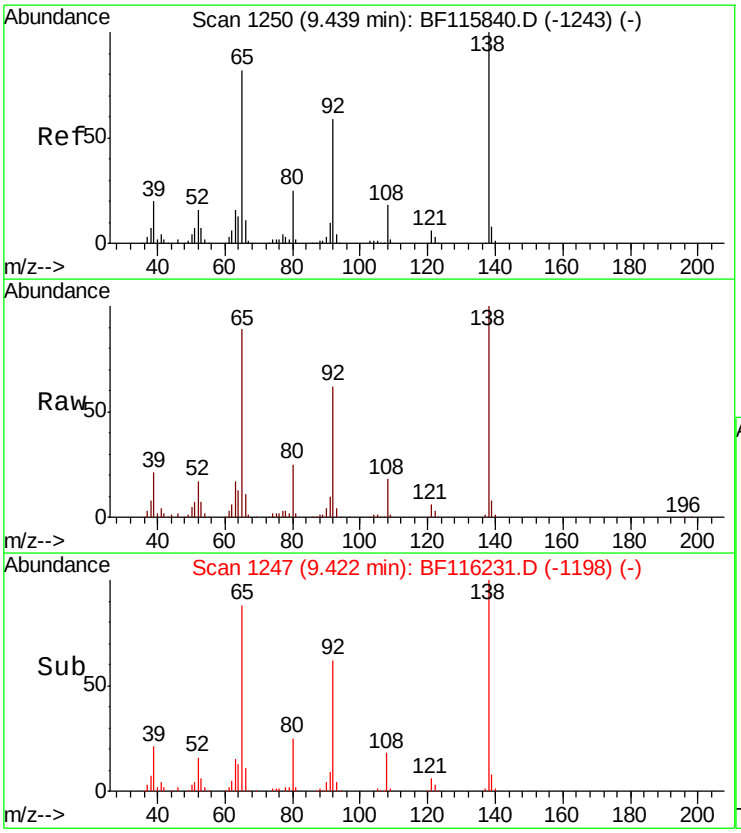
#47
2-Chloronaphthalene
Concen: 33.399 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:162 Resp: 632562

Ion	Ratio	Lower	Upper
162	100		
127	39.0	32.8	49.2
164	33.3	26.6	39.8

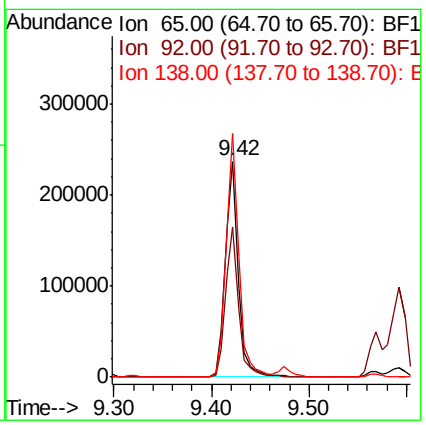


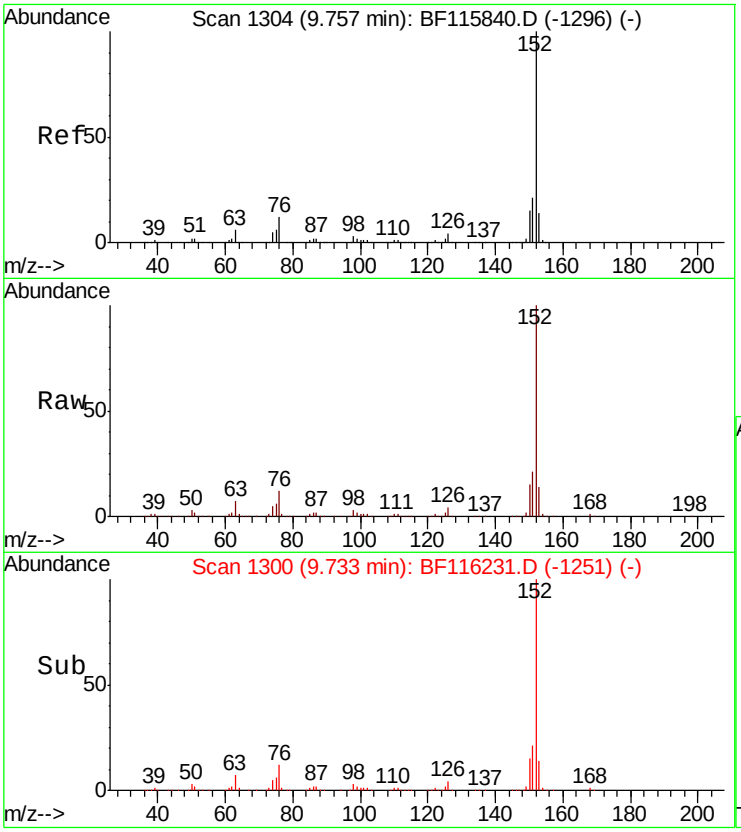


#48
2-Nitroaniline
Concen: 35.028 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion: 65 Resp: 219283

Ion	Ratio	Lower	Upper
65	100		
92	70.0	57.8	86.8
138	113.0	94.0	141.0



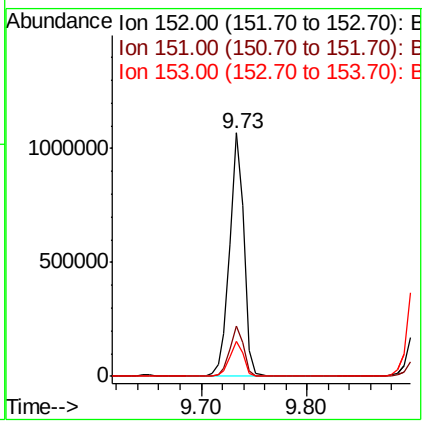


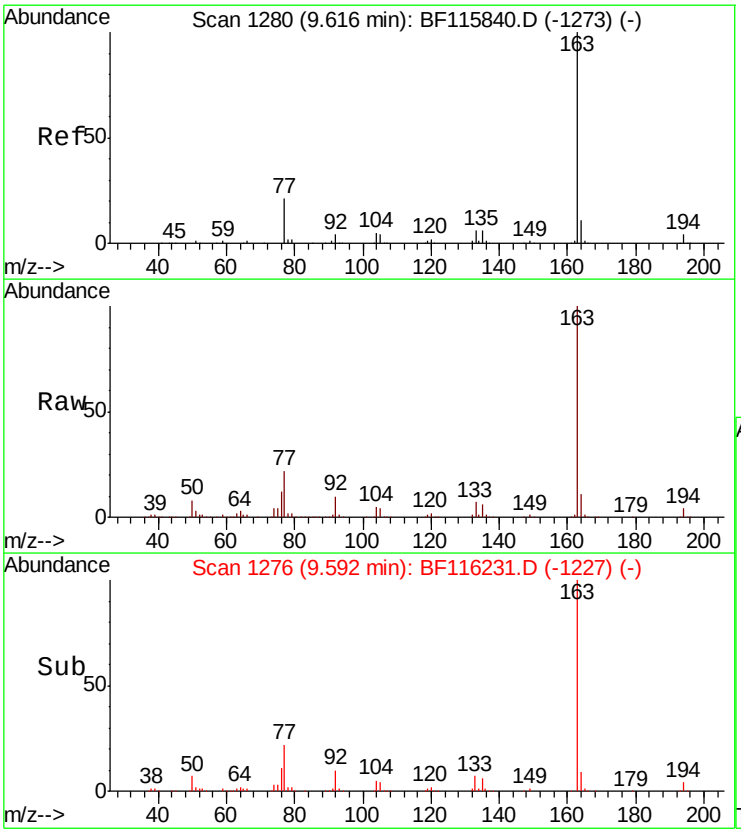
#49
Acenaphthylene
Concen: 35.717 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:152 Resp: 986905

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.2	25.8
153	14.2	11.8	17.8

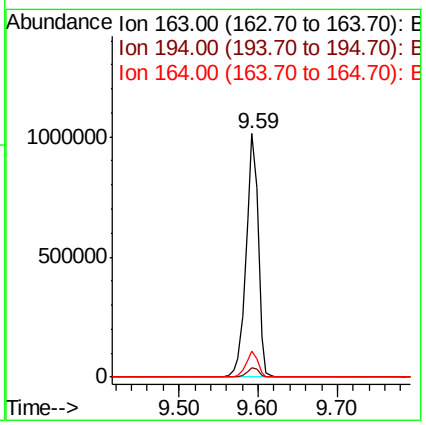


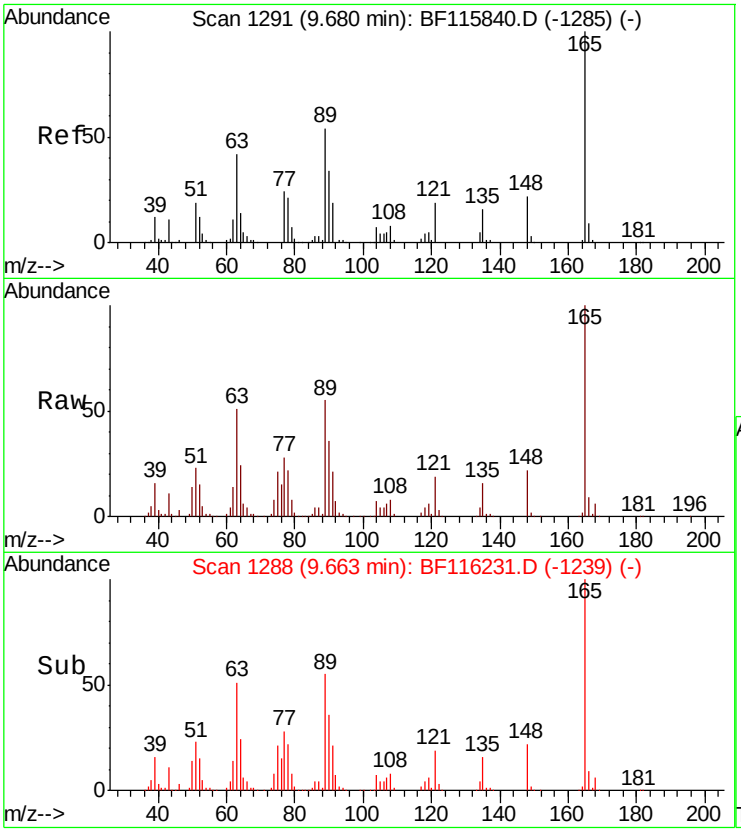


#50
Dimethylphthalate
Concen: 48.844 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:163 Resp: 1071962

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.7	8.4	12.6



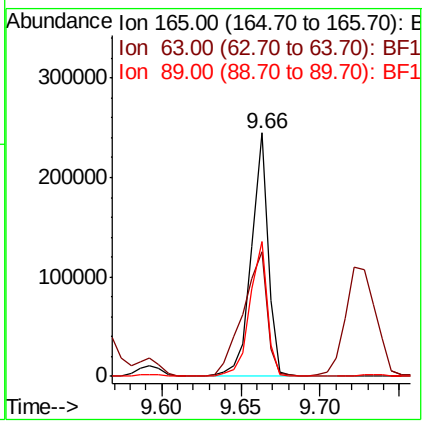


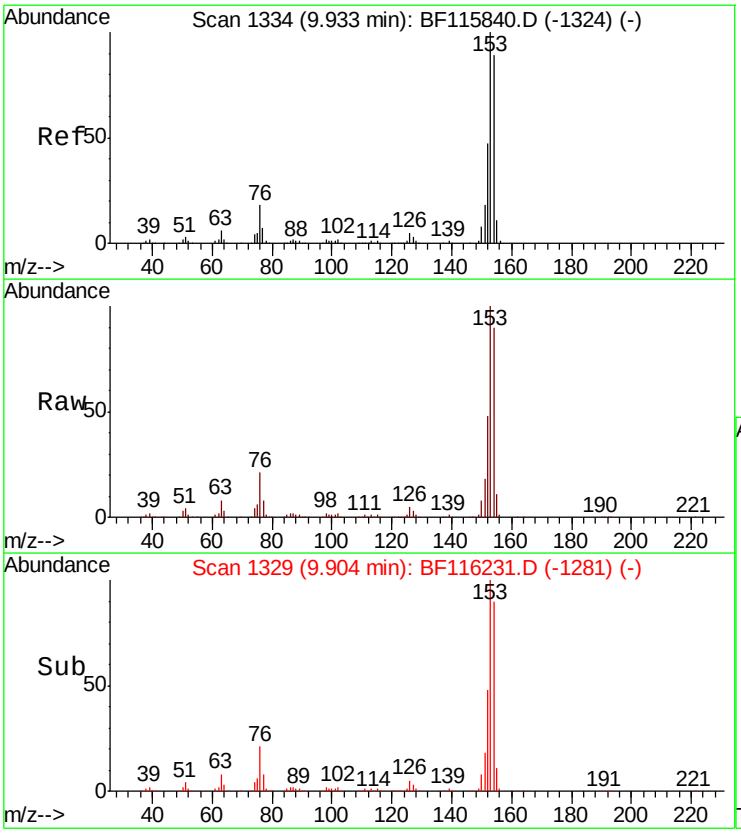
#51
2,6-Dinitrotoluene
Concen: 37.623 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:165 Resp: 179439

Ion	Ratio	Lower	Upper
165	100		
63	51.2	38.2	57.2
89	55.3	42.9	64.3

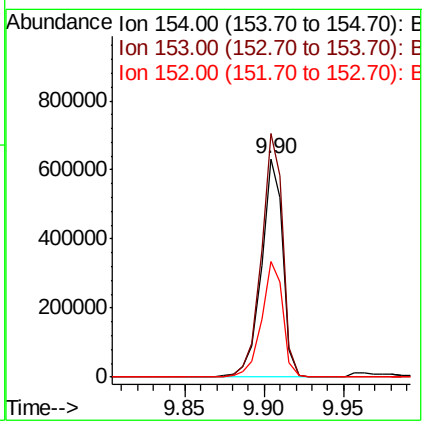


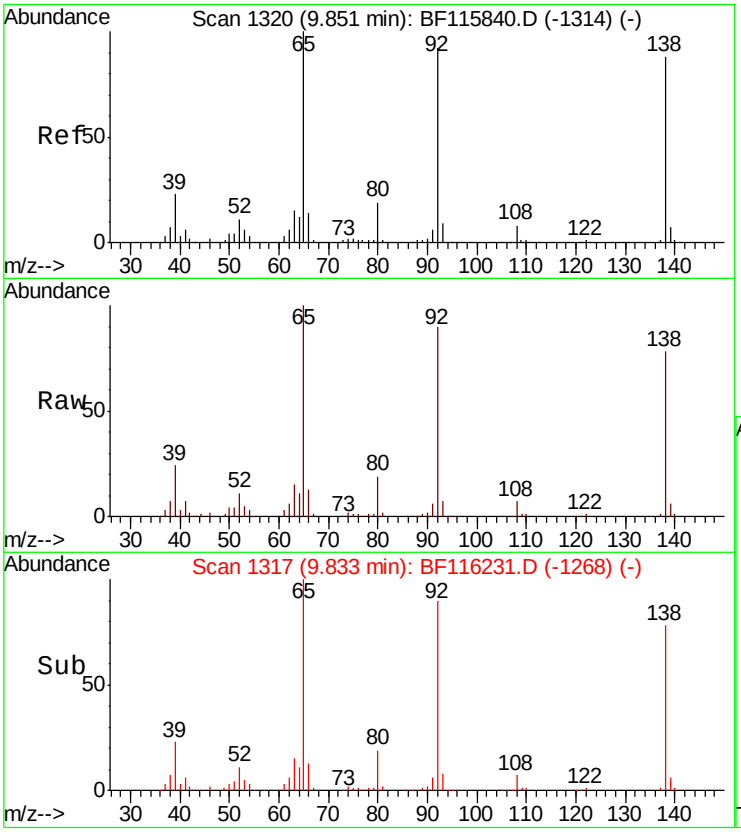


#52
Acenaphthene
Concen: 35.354 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:154 Resp: 599306

Ion	Ratio	Lower	Upper
154	100		
153	111.5	89.4	134.0
152	53.1	42.3	63.5

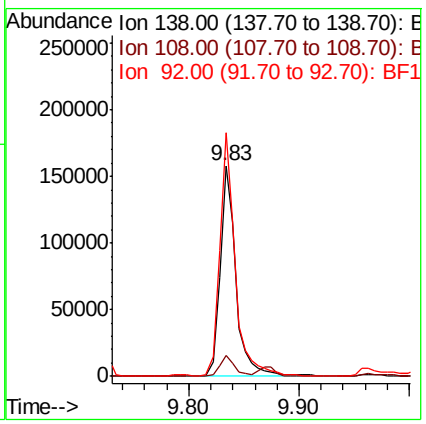




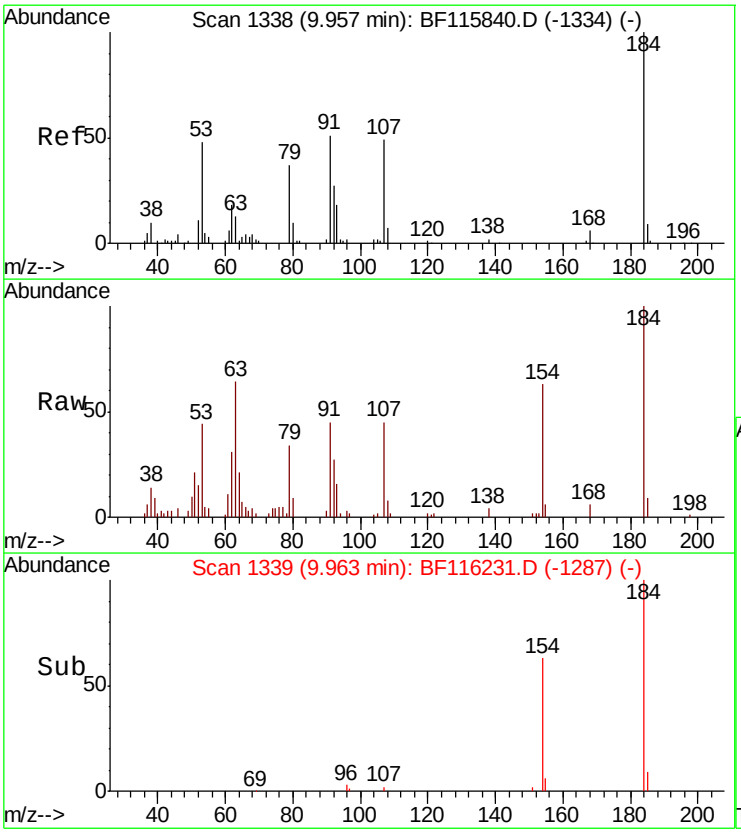
#53
3-Nitroaniline
Concen: 26.844 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:138 Resp: 158196

Ion	Ratio	Lower	Upper
138	100		
108	9.6	8.0	12.0
92	115.5	91.0	136.6



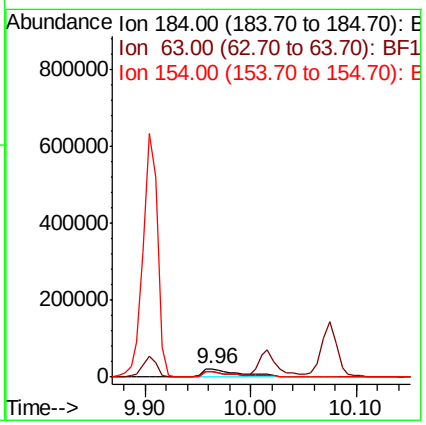
Instrument :
BNA_F
ClientSampleId :
TP-14MSD

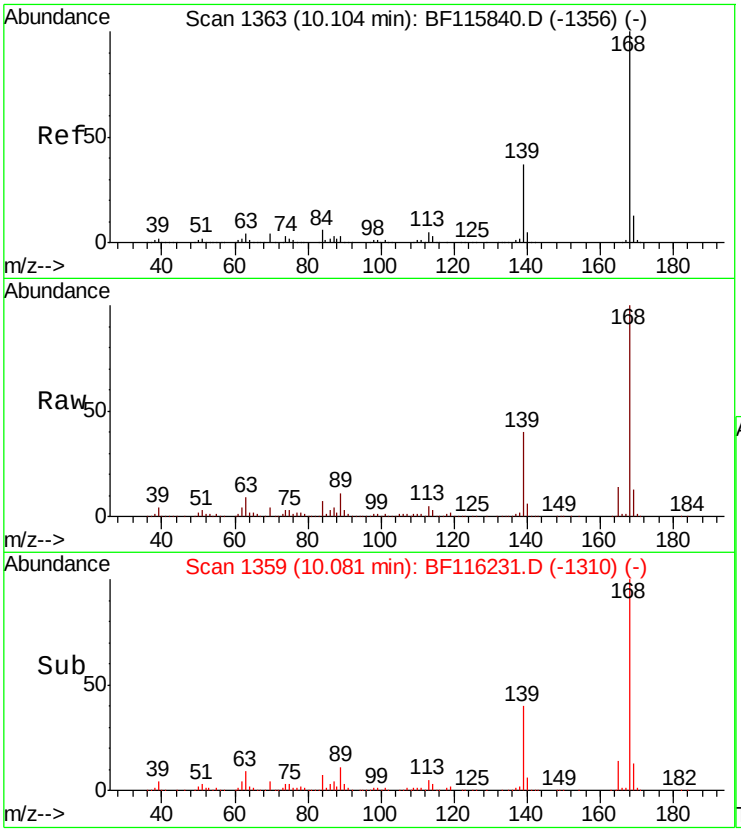


#54
2,4-Dinitrophenol
Concen: 26.577 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:184 Resp: 50446

Ion	Ratio	Lower	Upper
184	100		
63	64.0	53.0	79.4
154	62.8	50.1	75.1



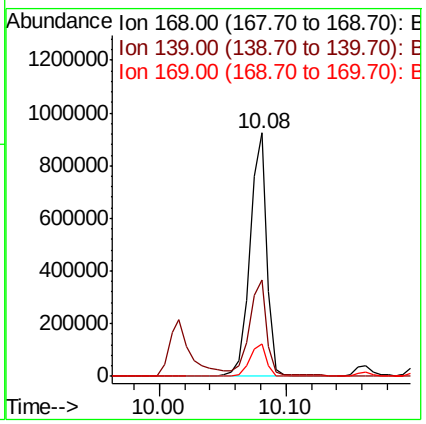


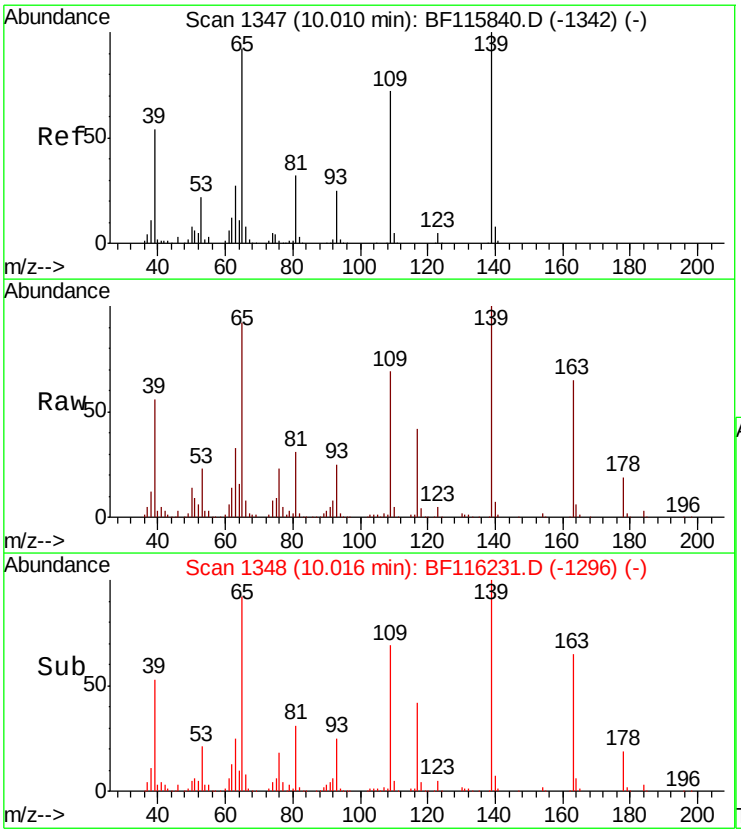
#55
Dibenzofuran
Concen: 34.415 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:168 Resp: 848389

Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.4	47.2
169	13.5	10.9	16.3

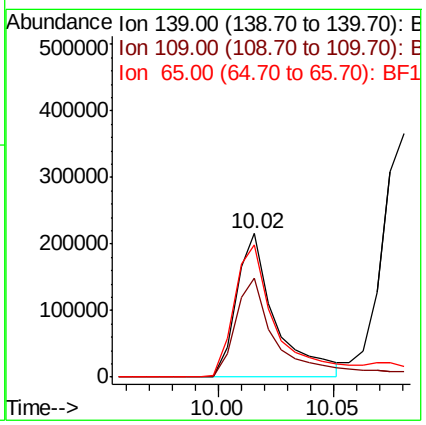


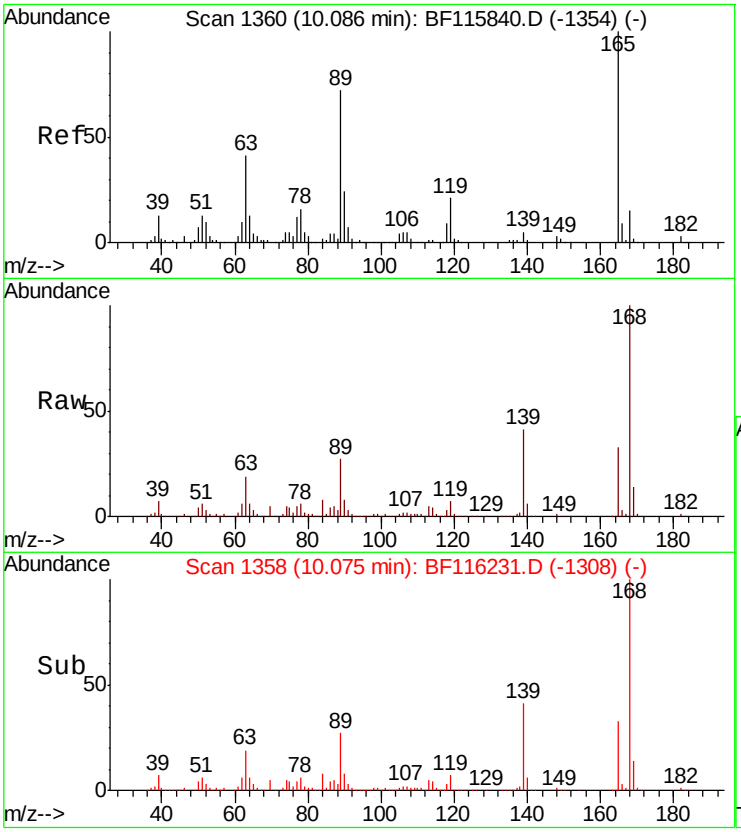


#56
4-Nitrophenol
Concen: 67.277 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:139 Resp: 253984

Ion	Ratio	Lower	Upper
139	100		
109	68.6	54.4	94.4
65	92.1	80.6	120.6



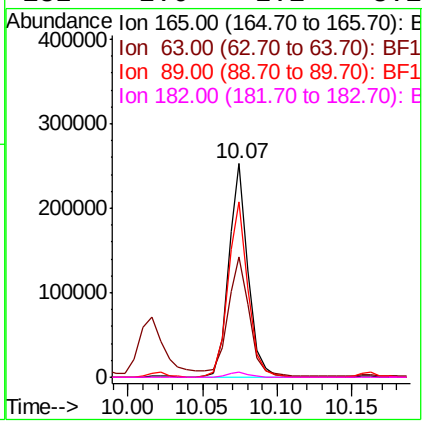


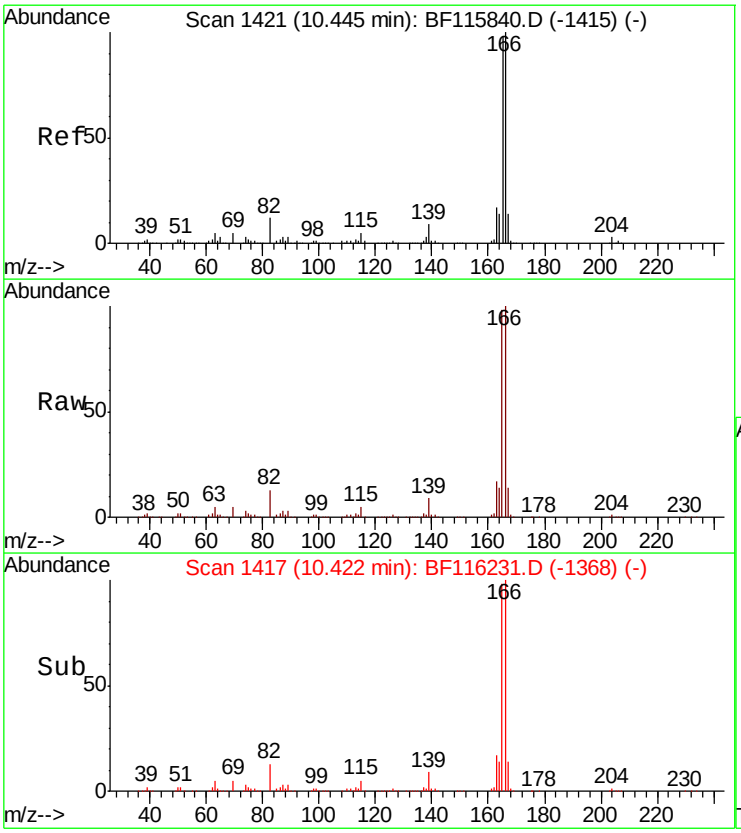
#57
2,4-Dinitrotoluene
Concen: 36.333 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:165 Resp: 230714

Ion	Ratio	Lower	Upper
165	100		
63	56.6	39.6	59.4
89	82.1	62.2	93.2
182	2.6	2.1	3.1

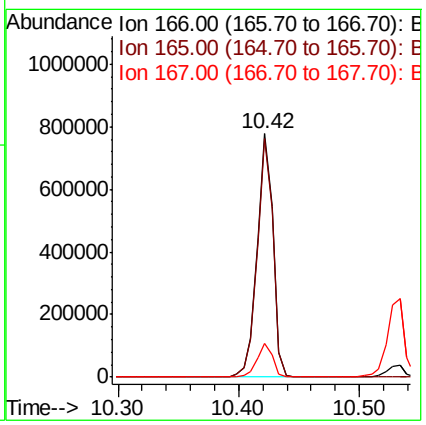


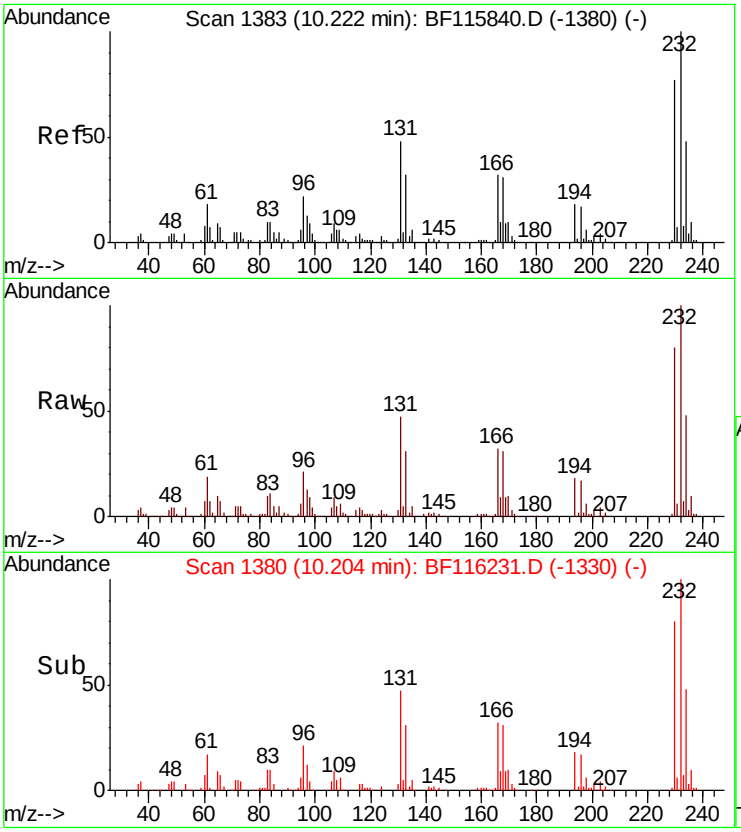


#58
Fluorene
Concen: 37.844 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:166 Resp: 717759

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.4	117.6
167	13.6	11.0	16.4



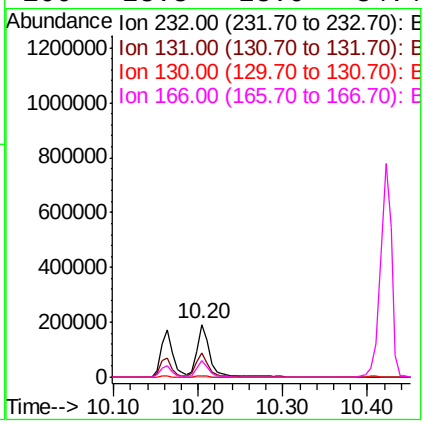


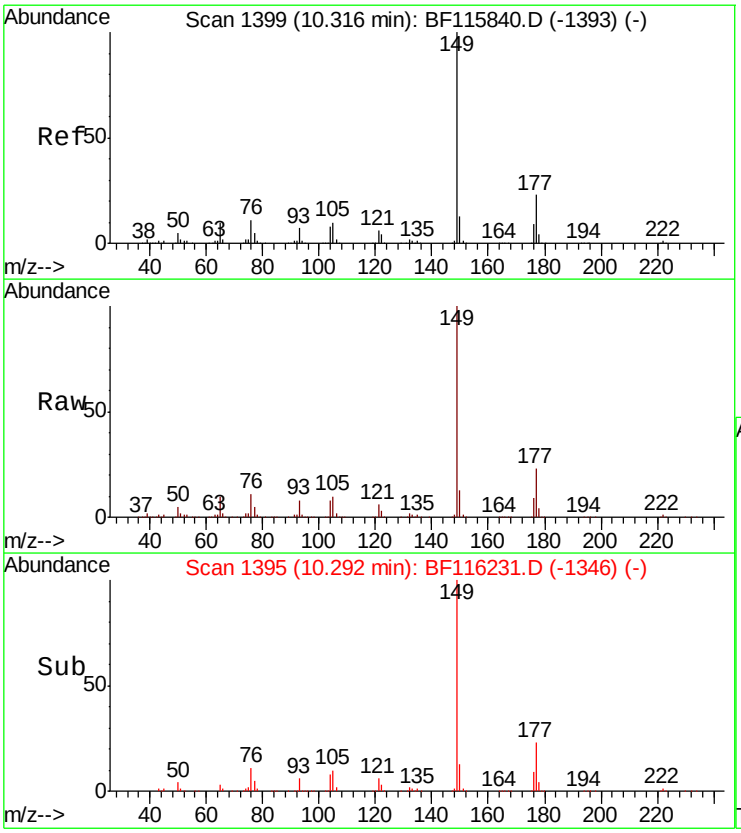
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.851 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:232 Resp: 200401

Ion	Ratio	Lower	Upper
232	100		
131	43.2	36.2	54.2
130	2.4	1.9	2.9
166	28.8	23.0	34.4

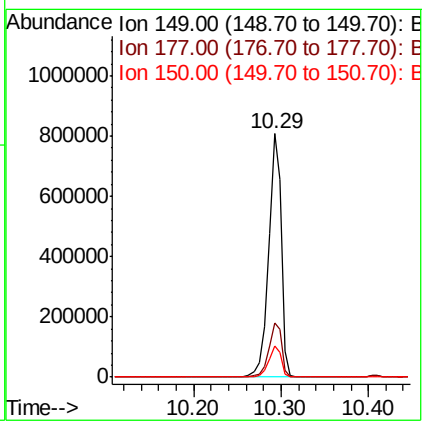


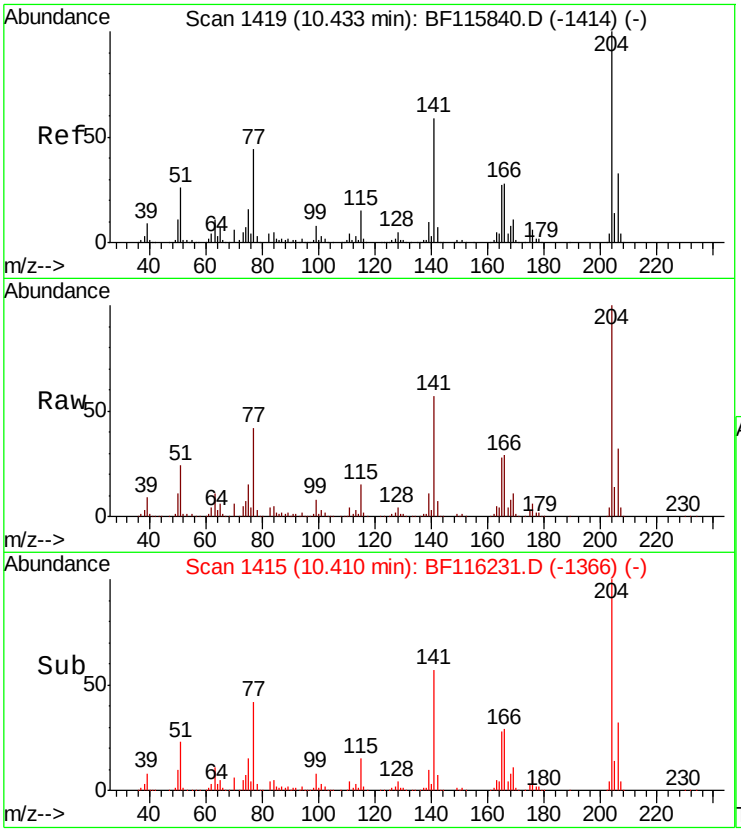


#60
Diethylphthalate
Concen: 39.368 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:149 Resp: 806641

Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.8	28.2
150	12.6	10.2	15.4



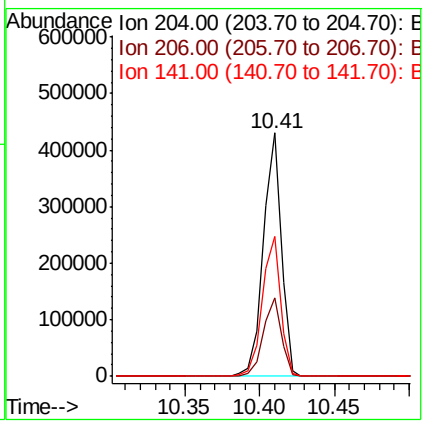


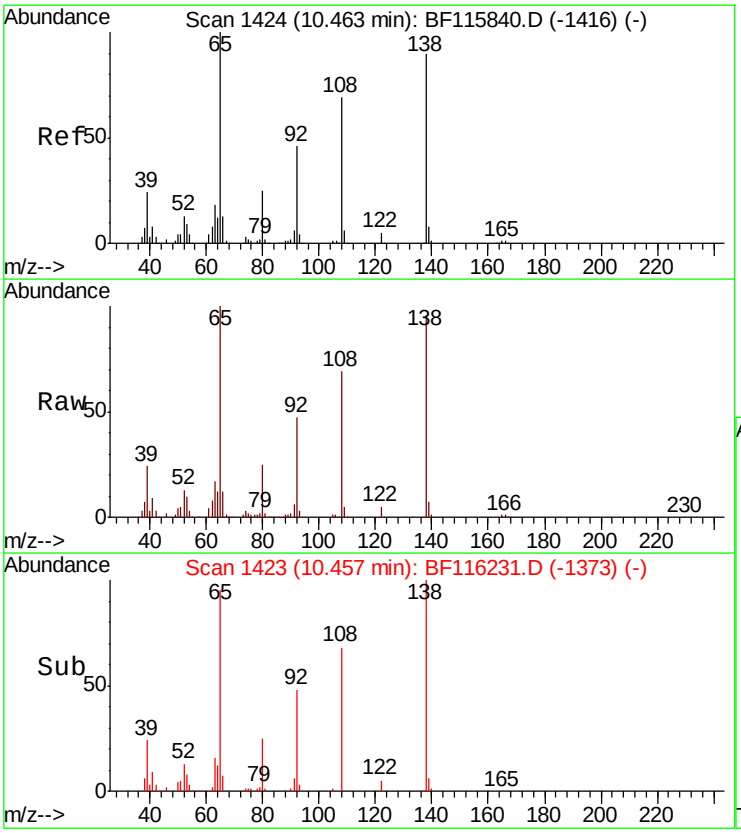
#61
4-Chlorophenyl-phenylether
Concen: 37.298 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:204 Resp: 358267

Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.4	39.6
141	57.4	46.4	69.6

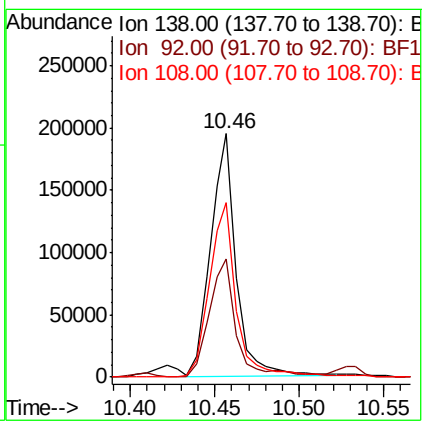


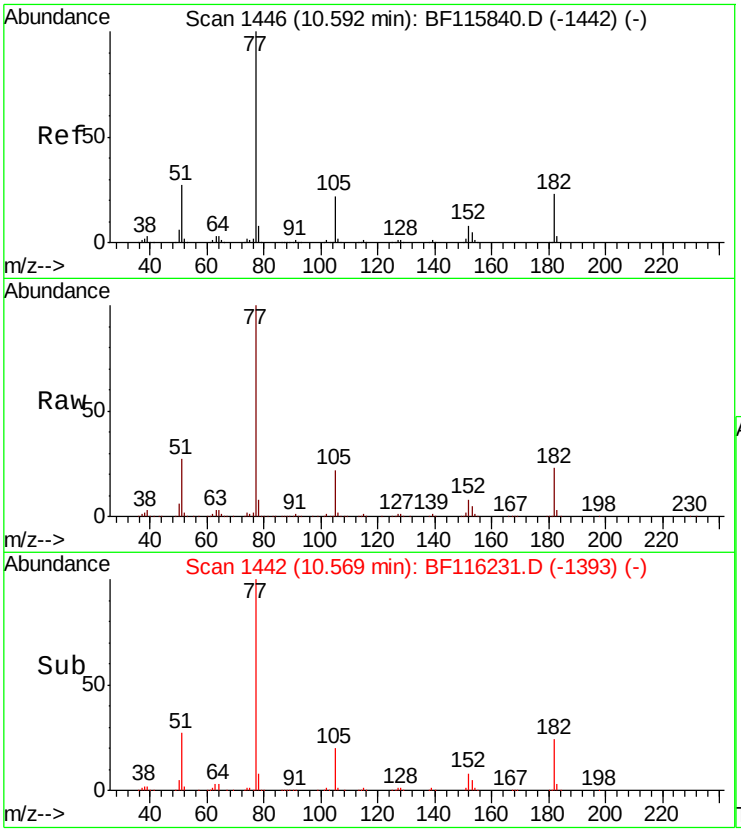


#62
4-Nitroaniline
Concen: 33.460 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:138 Resp: 203782

Ion	Ratio	Lower	Upper
138	100		
92	48.6	29.0	69.0
108	71.7	54.7	94.7



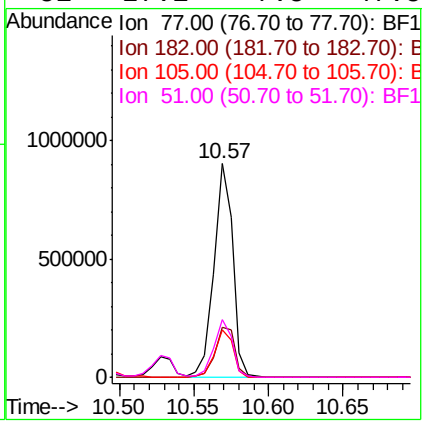


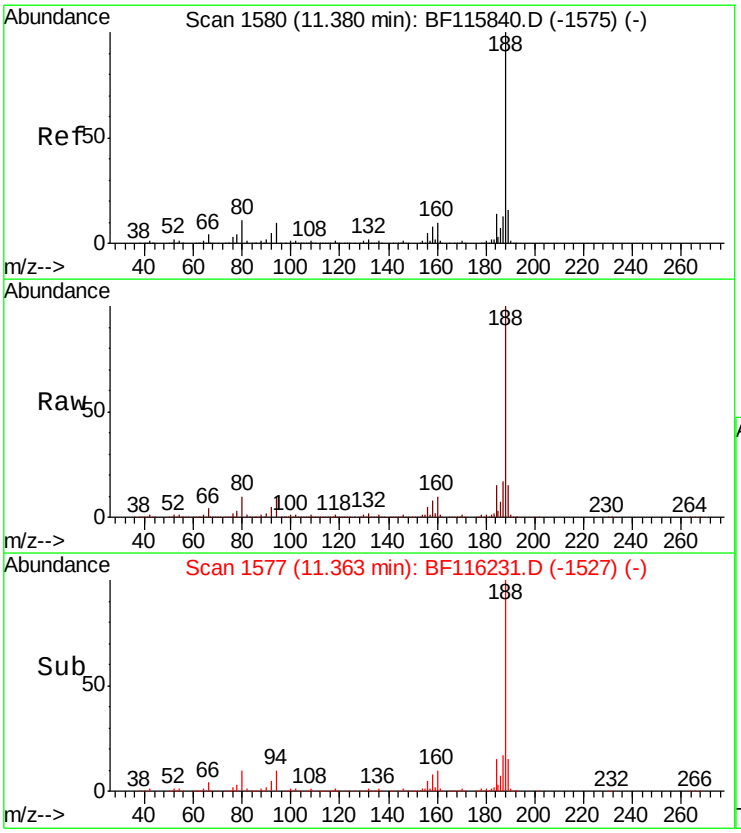
#63
Azobenzene
Concen: 37.571 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion: 77 Resp: 791826

Ion	Ratio	Lower	Upper
77	100		
182	23.4	4.0	44.0
105	22.1	2.0	42.0
51	27.1	7.5	47.5

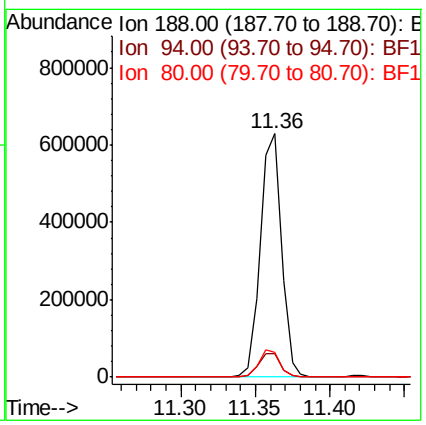


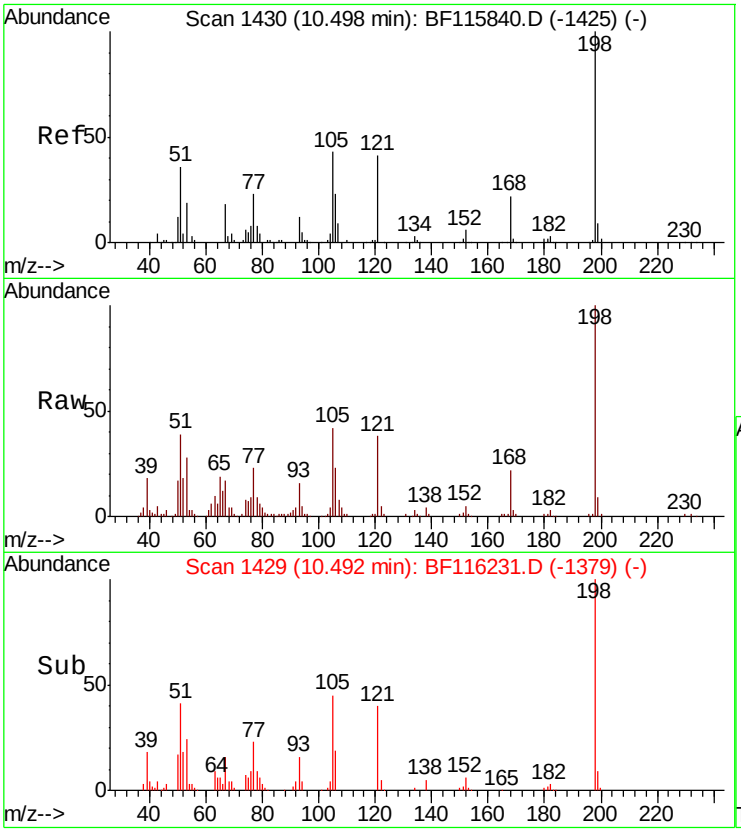


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:188 Resp: 613870

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.1	12.1
80	10.3	8.7	13.1



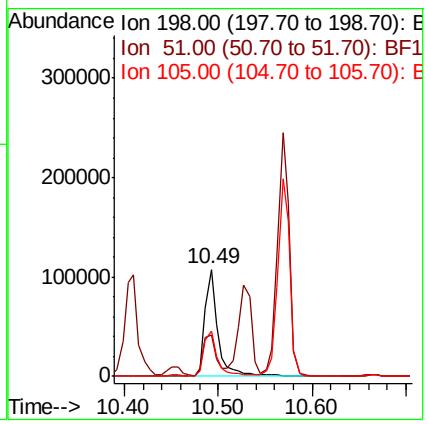


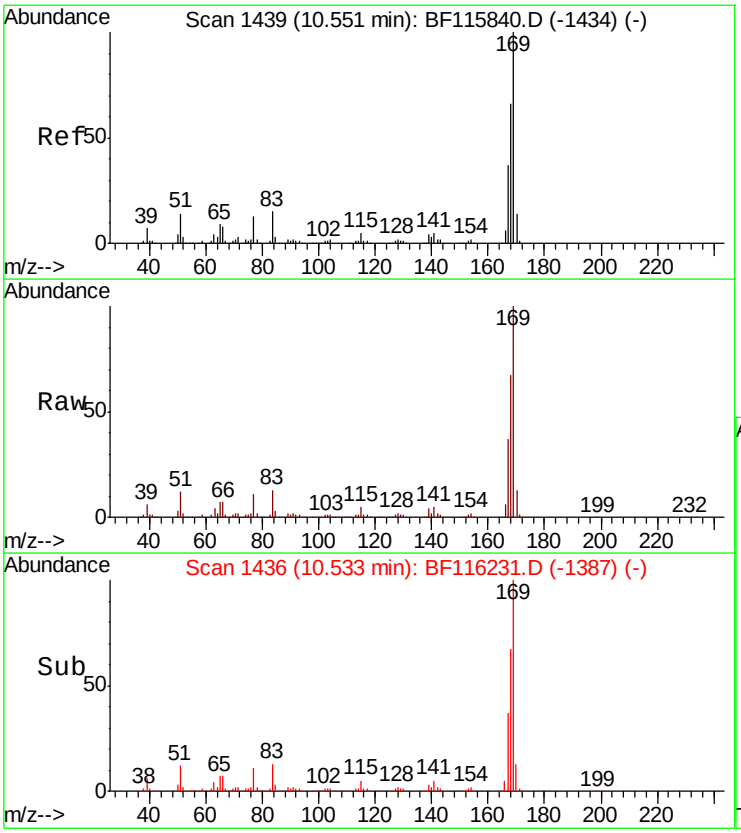
#65
4,6-Dinitro-2-methylphenol
Concen: 32.043 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:198 Resp: 104240

Ion	Ratio	Lower	Upper
198	100		
51	38.9	17.0	57.0
105	42.4	21.6	61.6

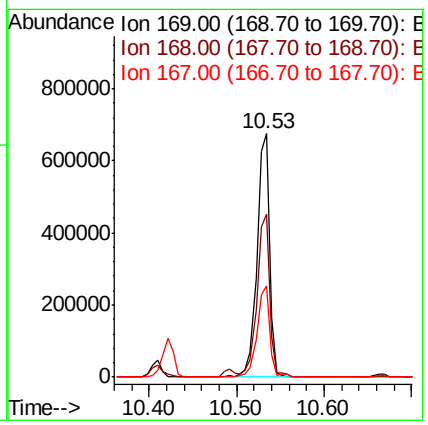


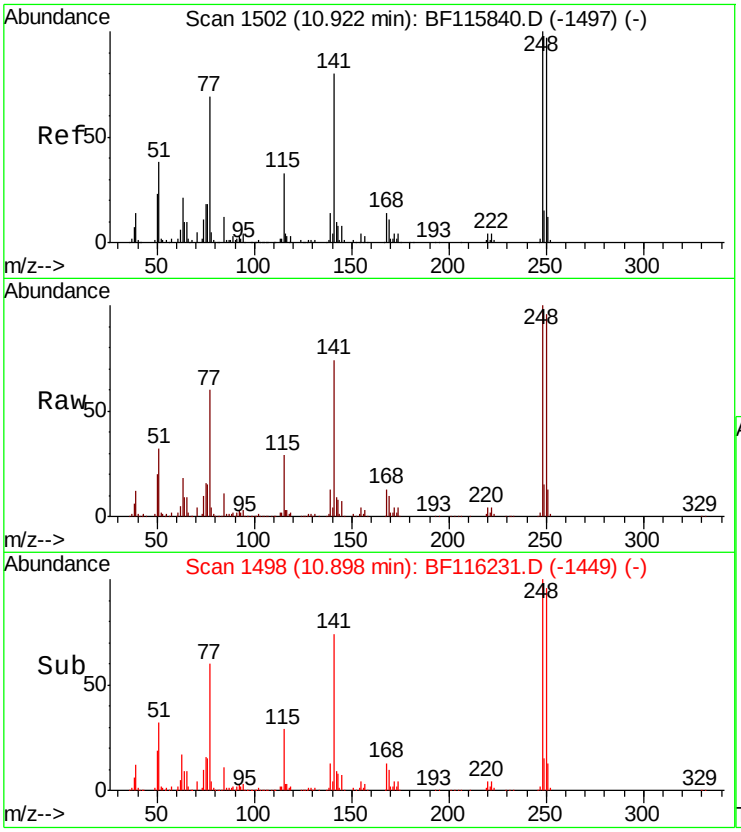


#66
n-Nitrosodiphenylamine
Concen: 35.736 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:169 Resp: 660282

Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.8	80.6
167	37.3	29.6	44.4



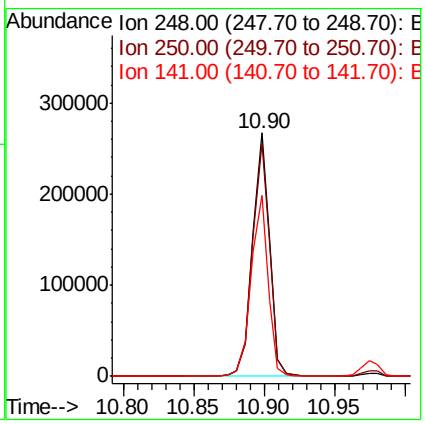


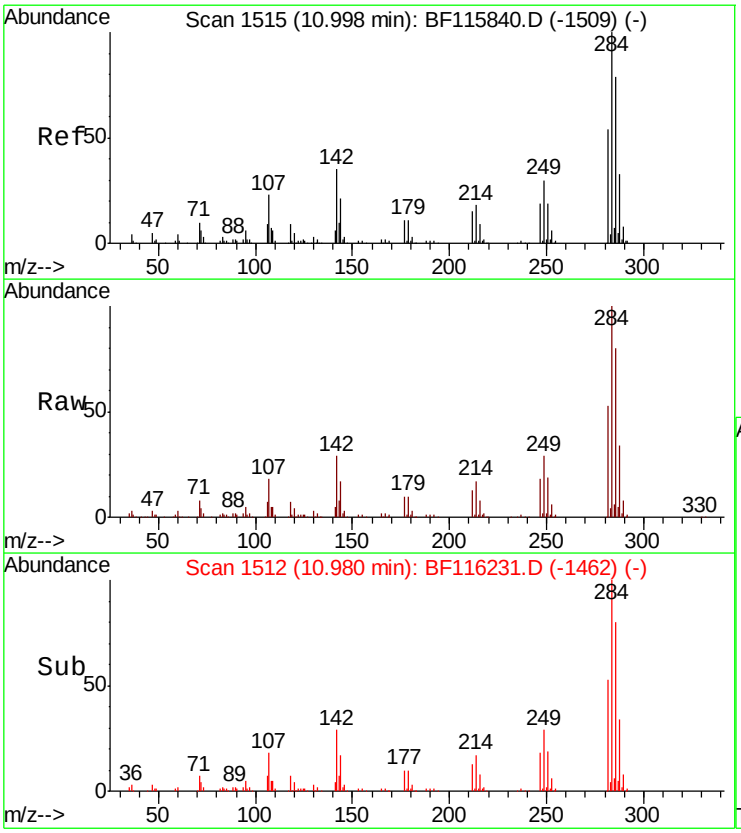
#67
4-Bromophenyl-phenylether
Concen: 34.648 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:248 Resp: 227686

Ion	Ratio	Lower	Upper
248	100		
250	95.7	77.4	116.2
141	74.5	56.8	85.2

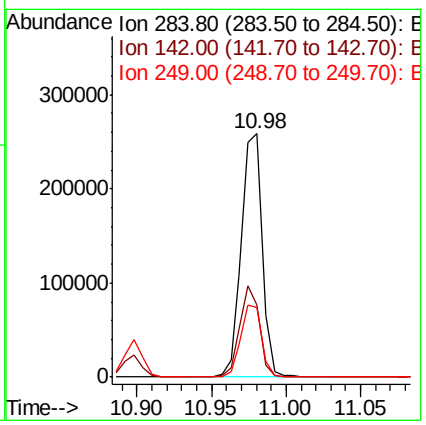


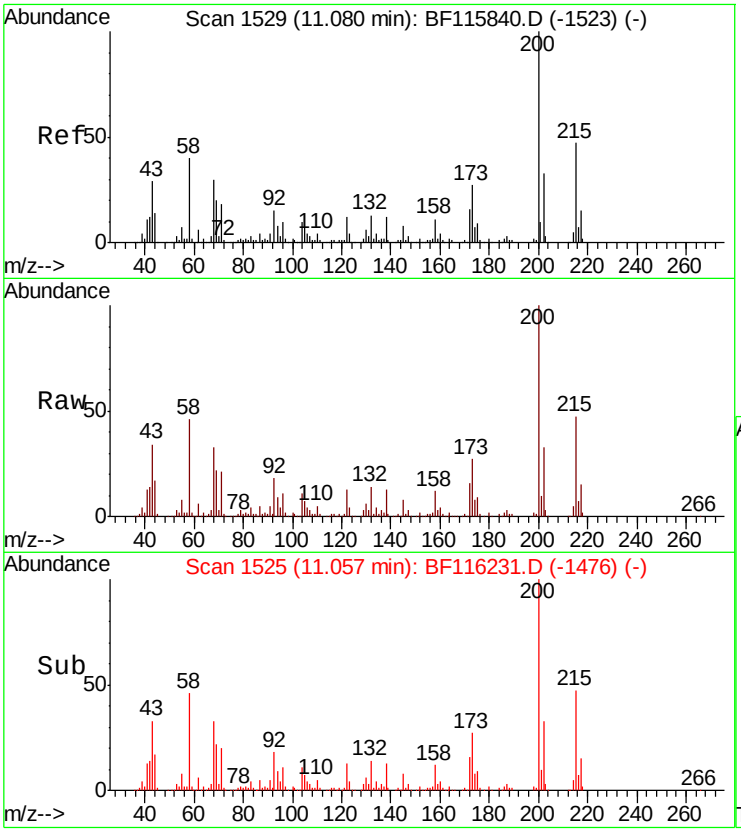


#68
Hexachlorobenzene
Concen: 33.249 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:284 Resp: 252655

Ion	Ratio	Lower	Upper
284	100		
142	29.5	28.4	42.6
249	28.6	24.5	36.7



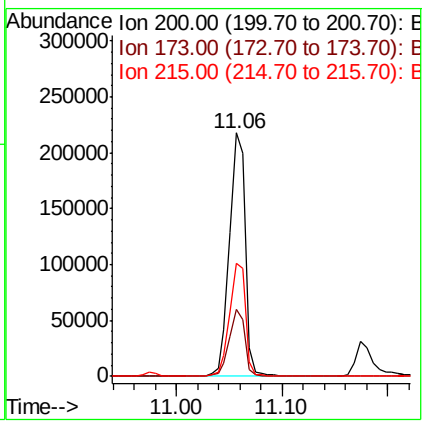


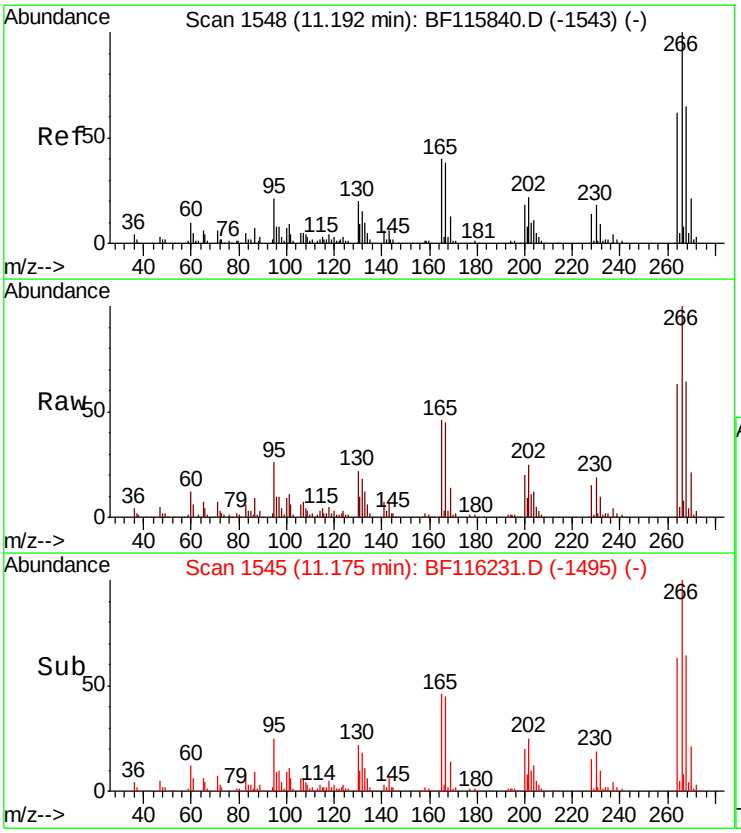
#69
Atrazine
Concen: 37.090 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:200 Resp: 225454

Ion	Ratio	Lower	Upper
200	100		
173	27.4	6.8	46.8
215	46.7	27.5	67.5

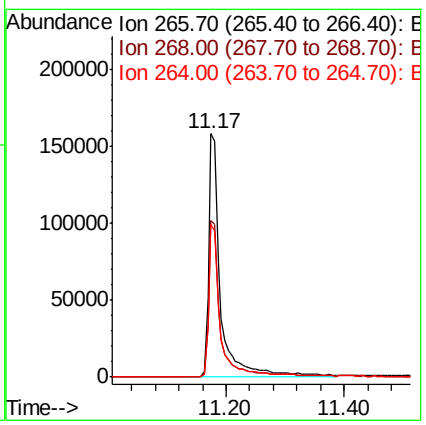


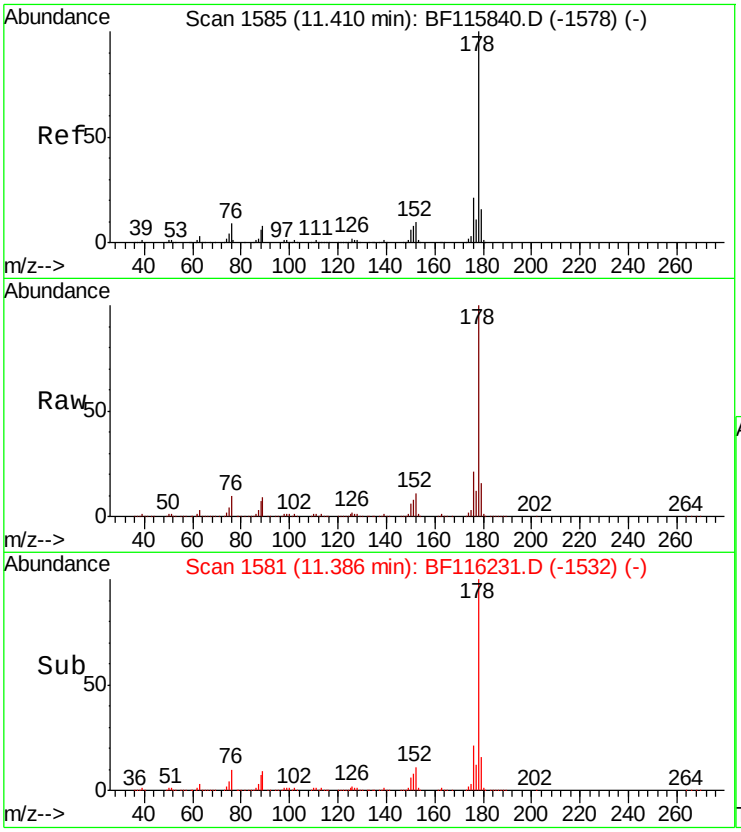


#70
Pentachlorophenol
Concen: 61.348 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:266 Resp: 226328

Ion	Ratio	Lower	Upper
266	100		
268	64.3	48.8	73.2
264	62.9	50.6	76.0



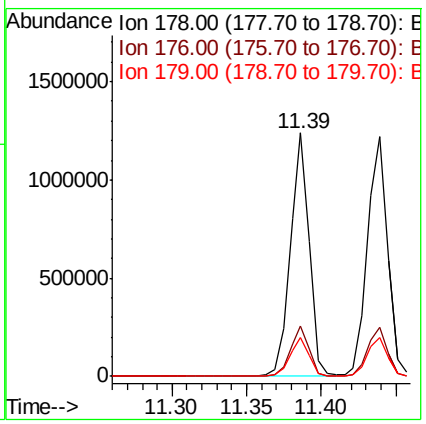


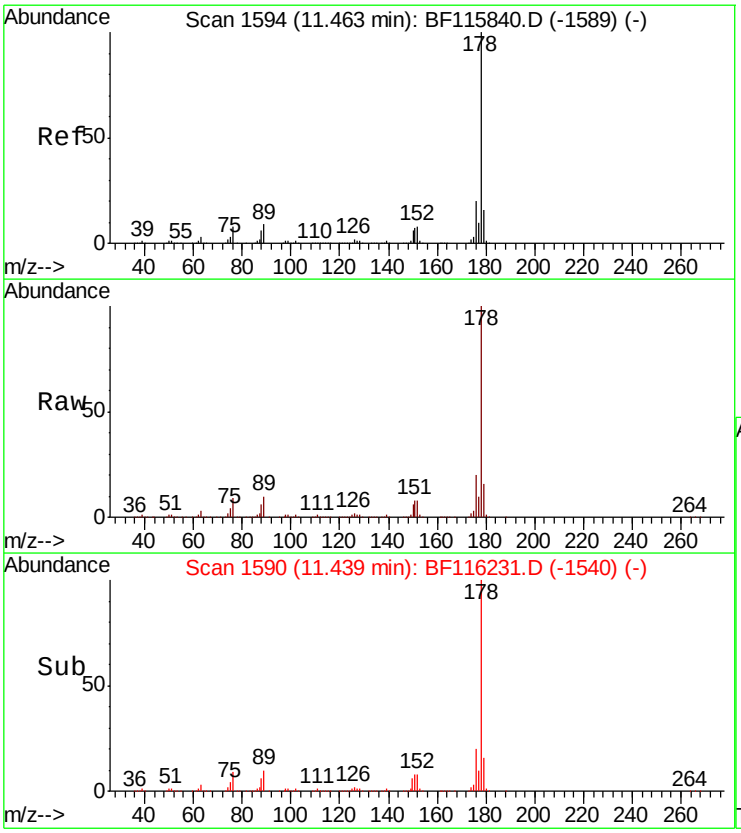
#71
Phenanthrene
Concen: 35.095 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:178 Resp: 1101356

Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.6	24.8
179	15.8	12.5	18.7

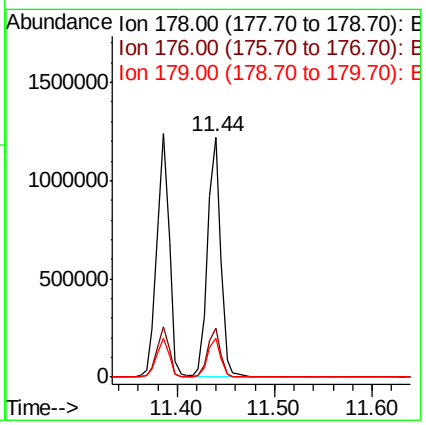


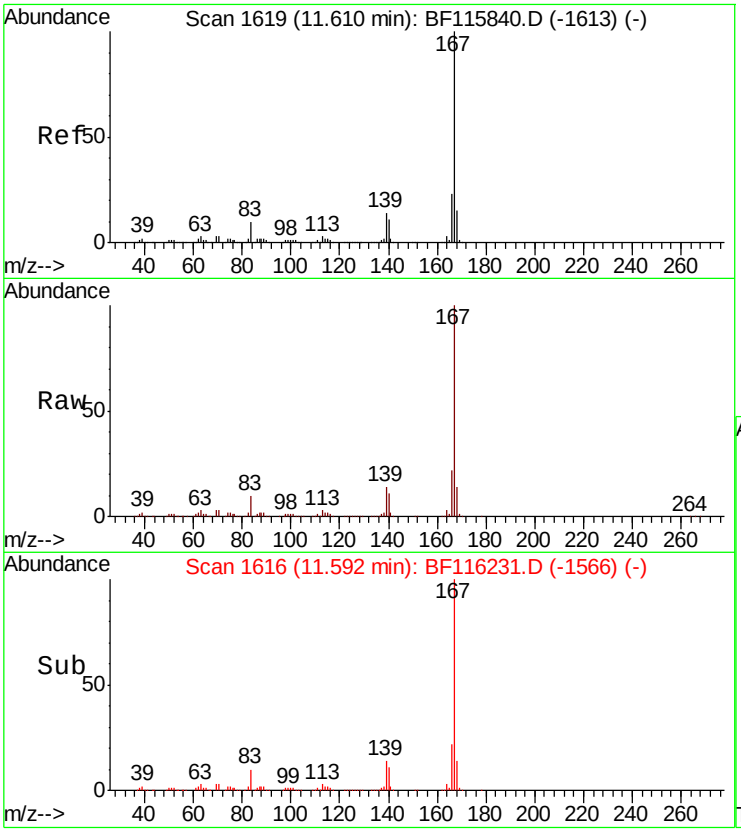


#72
Anthracene
Concen: 36.013 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:178 Resp: 1143800

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	16.1	13.0	19.6



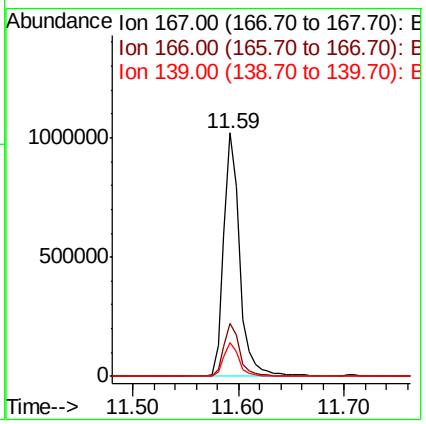


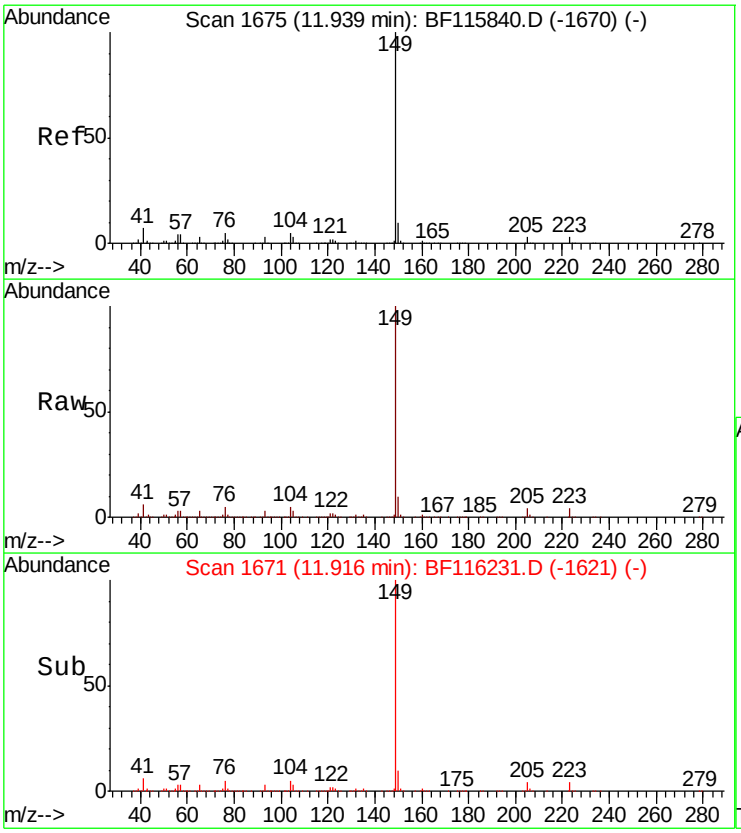
#73
Carbazole
Concen: 37.351 ng
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:167 Resp: 1076242

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.6
139	13.8	11.4	17.0

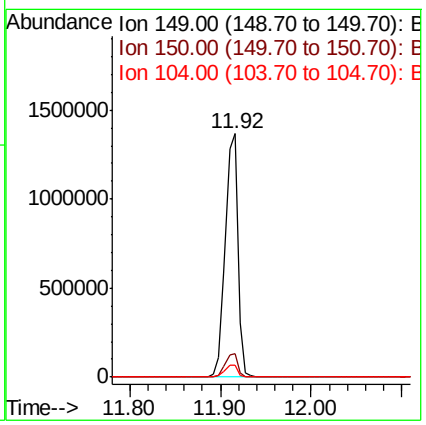


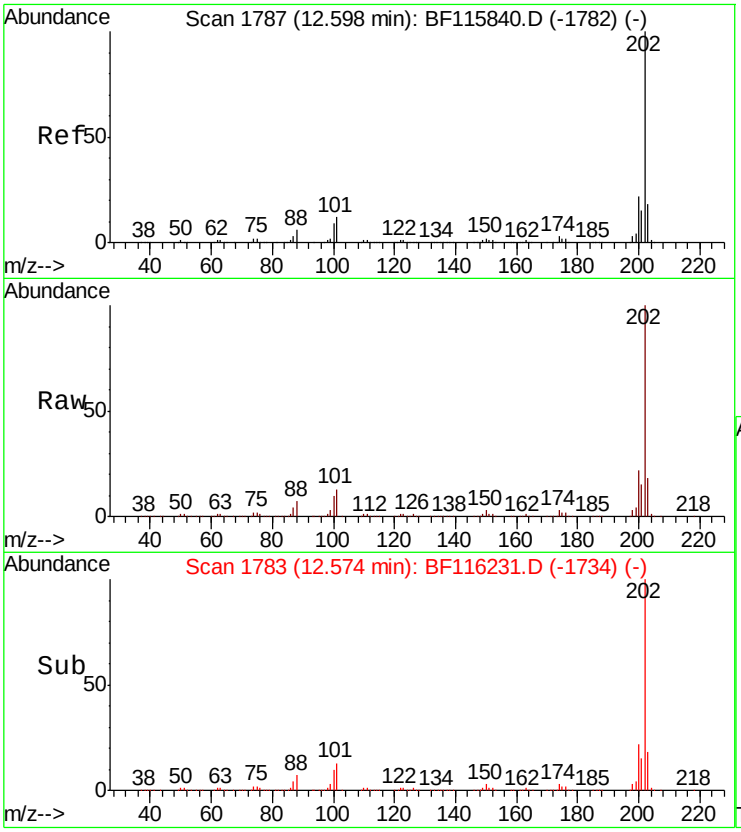


#74
Di-n-butylphthalate
Concen: 38.902 ng
RT: 11.92 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:149 Resp: 1307642

Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.0	12.0
104	5.1	4.5	6.7



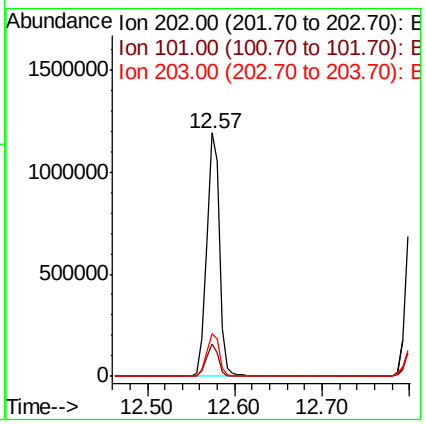


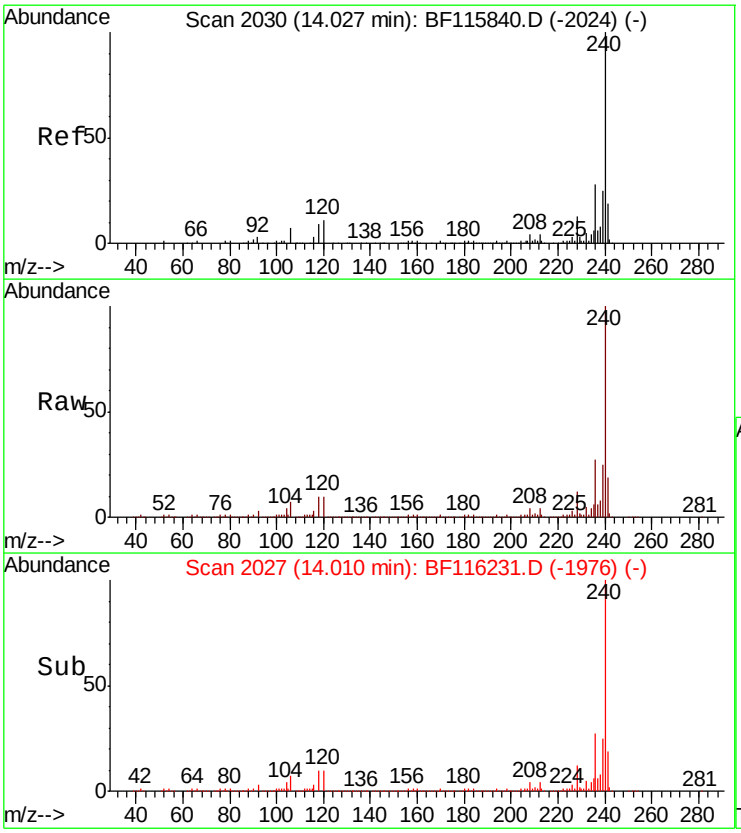
#75
Fluoranthene
Concen: 36.672 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:202 Resp: 1204833

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	31.2
203	17.7	0.0	37.8

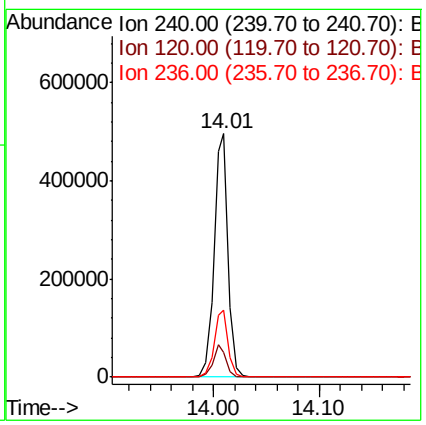


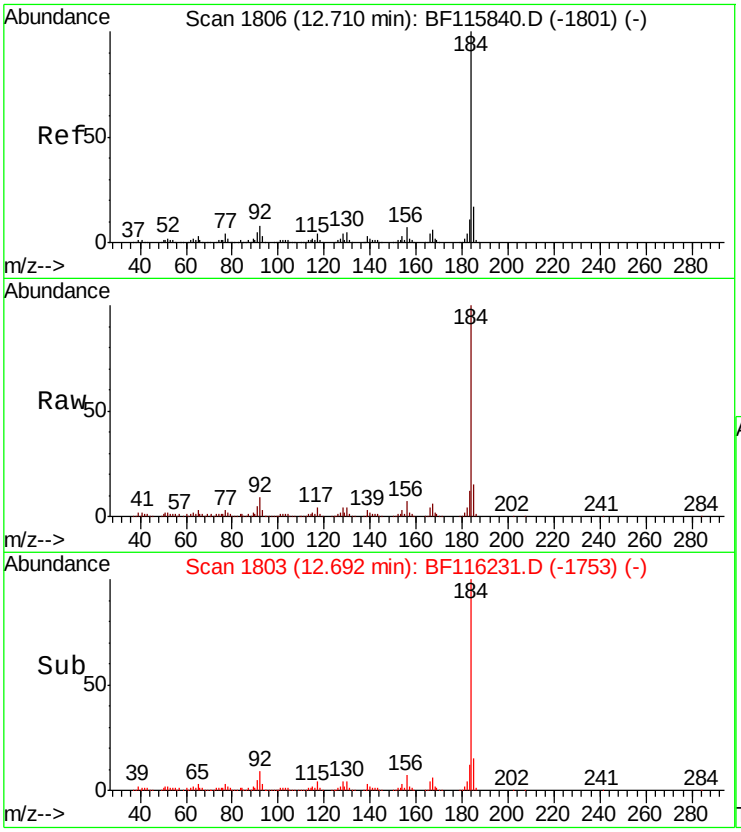


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:240 Resp: 464414

Ion	Ratio	Lower	Upper
240	100		
120	10.3	10.7	16.1#
236	27.3	22.2	33.2



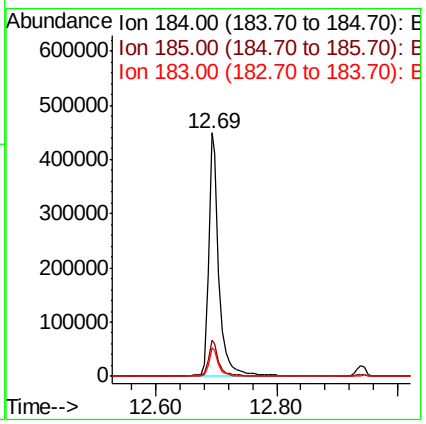


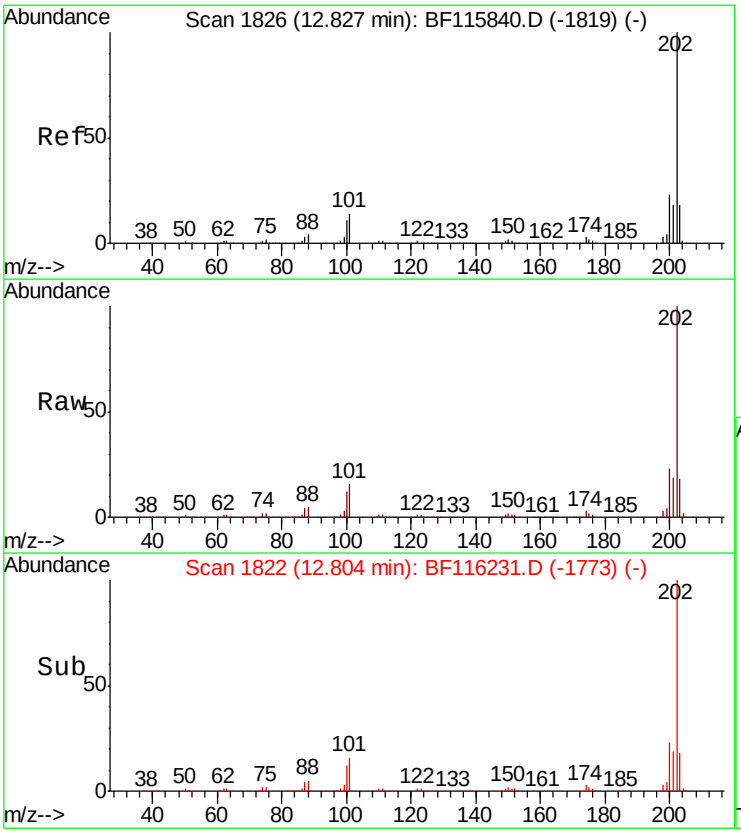
#77
Benzidine
Concen: 34.017 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:184 Resp: 533726

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.8	19.2
183	11.9	9.4	14.0

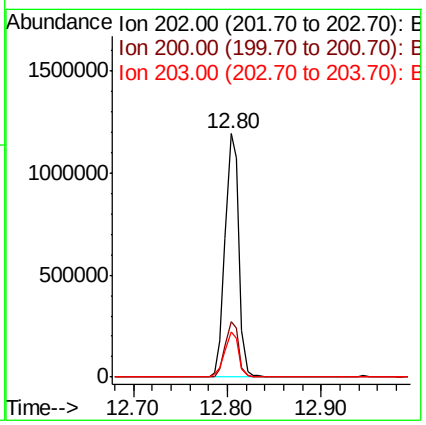


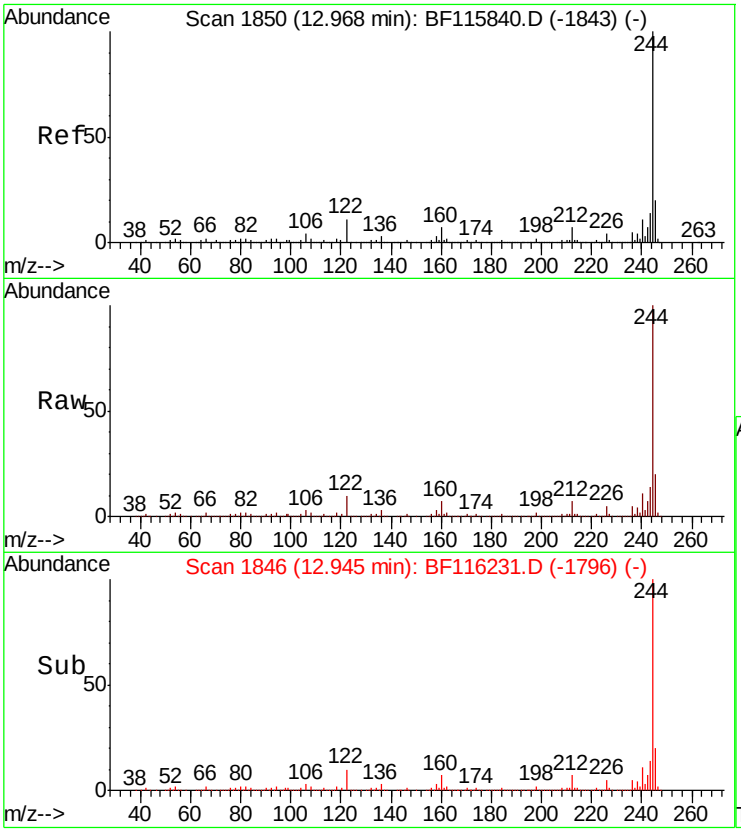


#78
Pyrene
Concen: 34.690 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:202 Resp: 1214433

Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.0	27.0
203	18.5	14.1	21.1



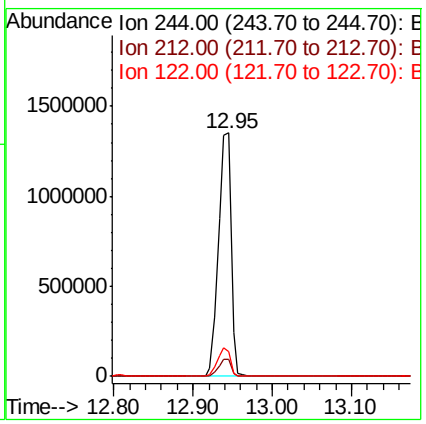


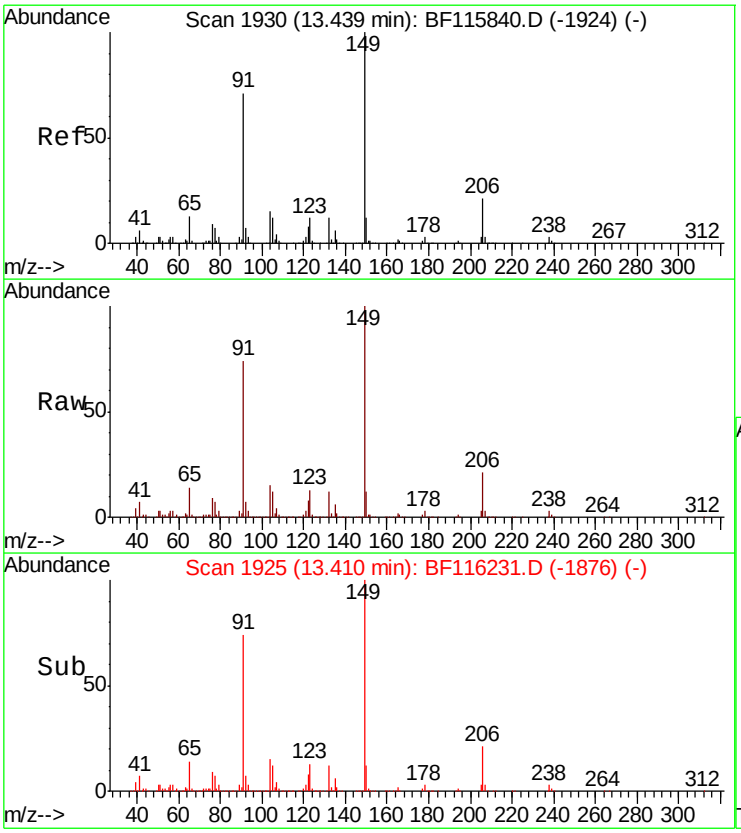
#79
Terphenyl-d14
Concen: 68.070 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:244 Resp: 1500240

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.3	9.0	13.4

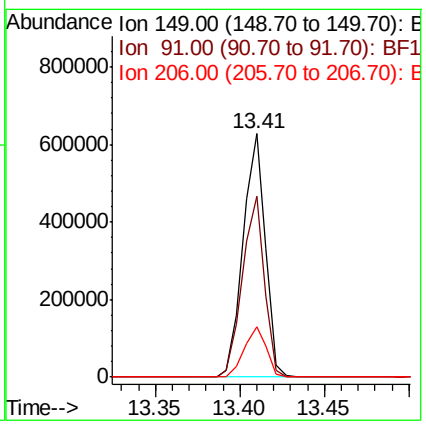


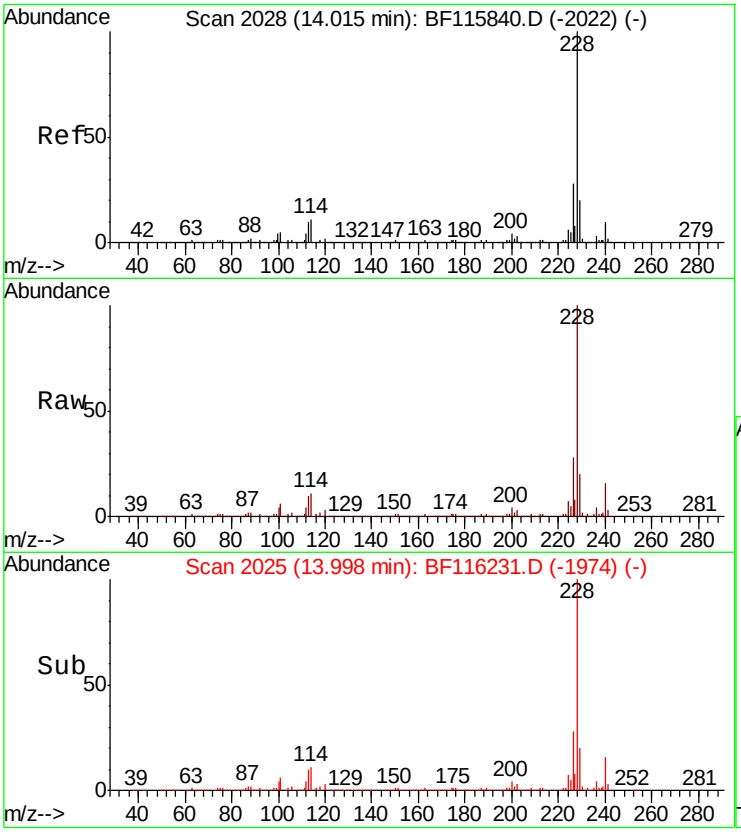


#80
Butylbenzylphthalate
Concen: 39.119 ng
RT: 13.41 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:149 Resp: 579306

Ion	Ratio	Lower	Upper
149	100		
91	74.3	56.3	84.5
206	20.7	18.0	27.0



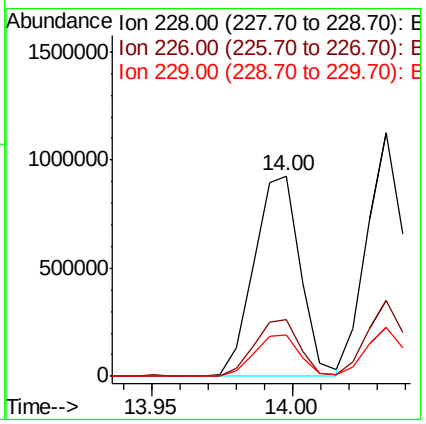


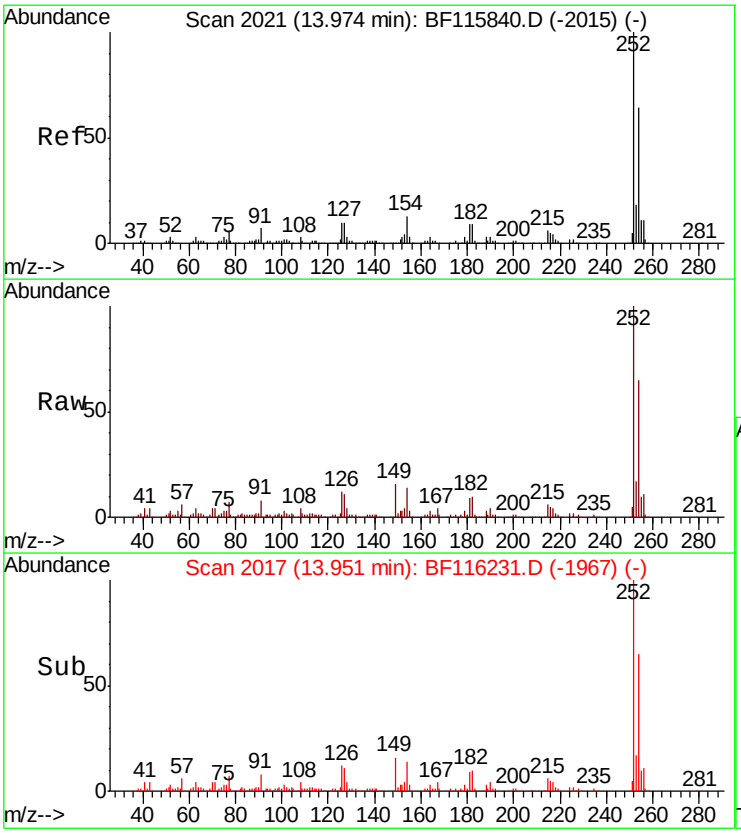
#81
Benzo(a)anthracene
Concen: 35.380 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:228 Resp: 1050205

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.7	34.1
229	20.4	16.2	24.4

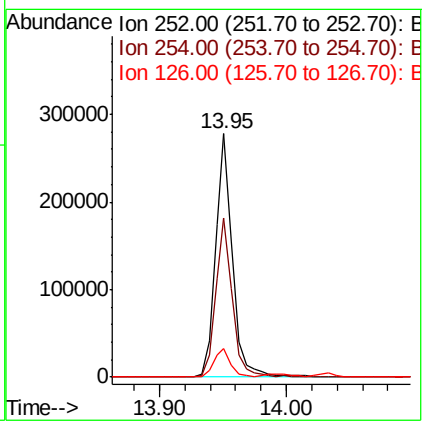


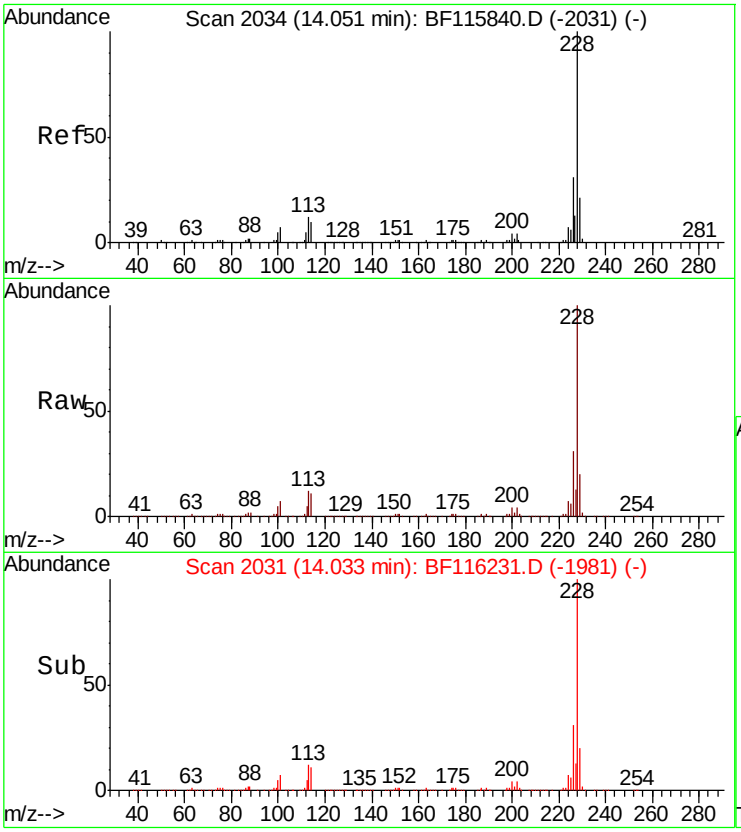


#82
3,3'-Dichlorobenzidine
Concen: 25.198 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:252 Resp: 259854

Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.9	76.3
126	11.9	9.8	14.8



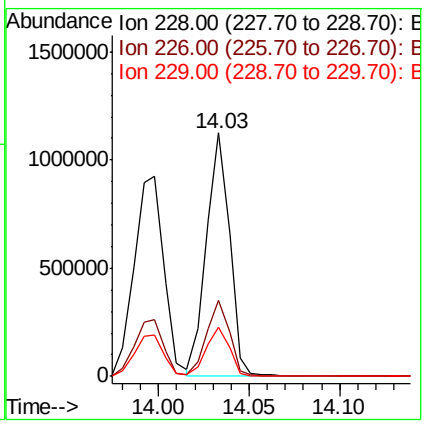


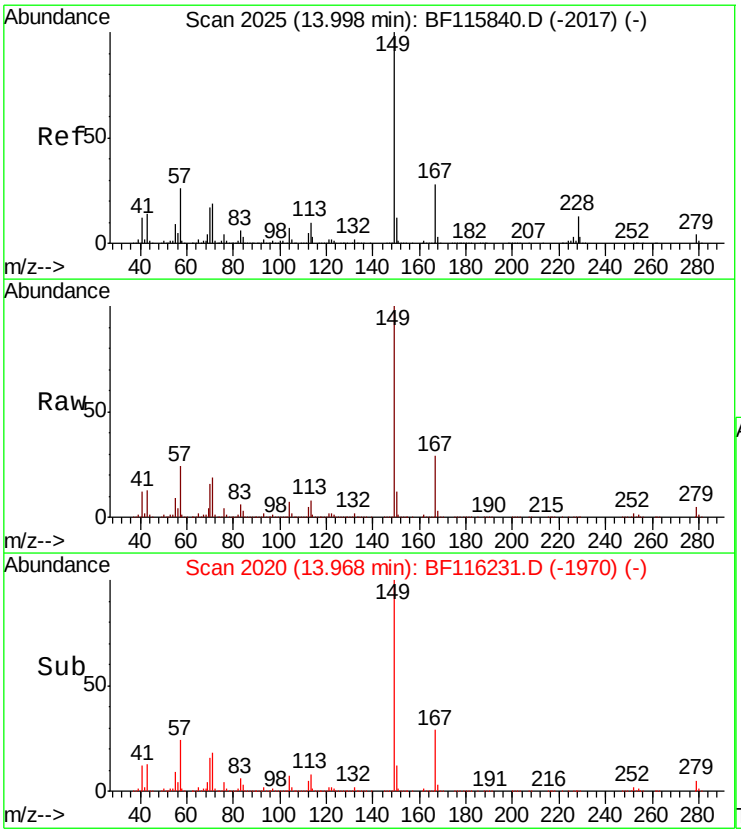
#83
Chrysene
Concen: 34.773 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:228 Resp: 1002104

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.5	38.3
229	20.4	16.6	24.8

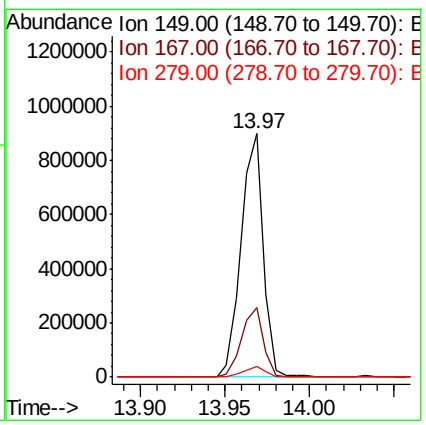


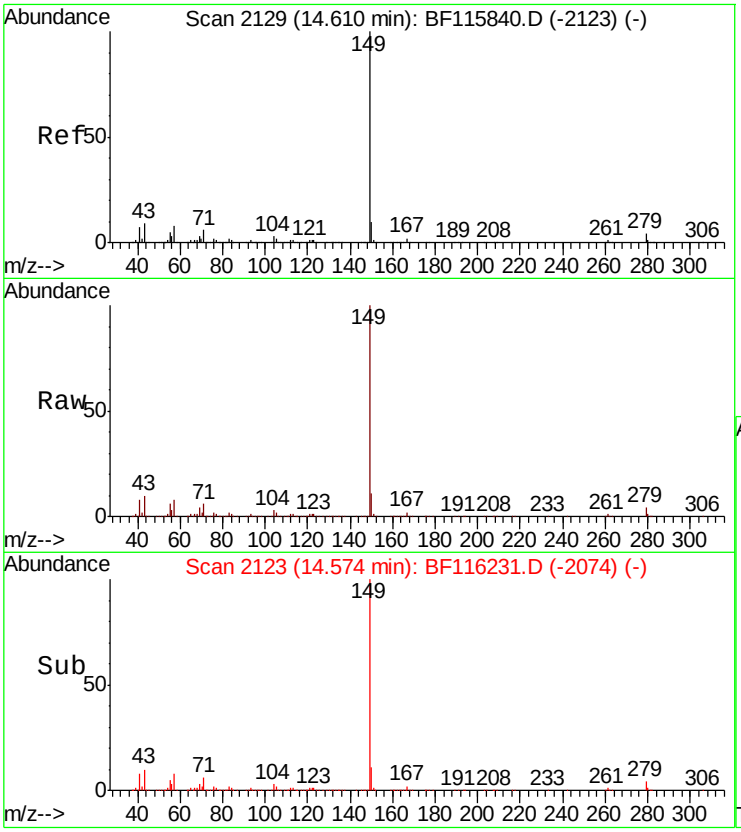


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.780 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:149 Resp: 823251

Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.6	32.4
279	4.5	3.0	4.4#



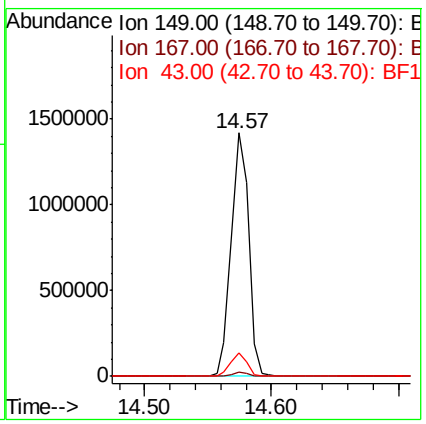


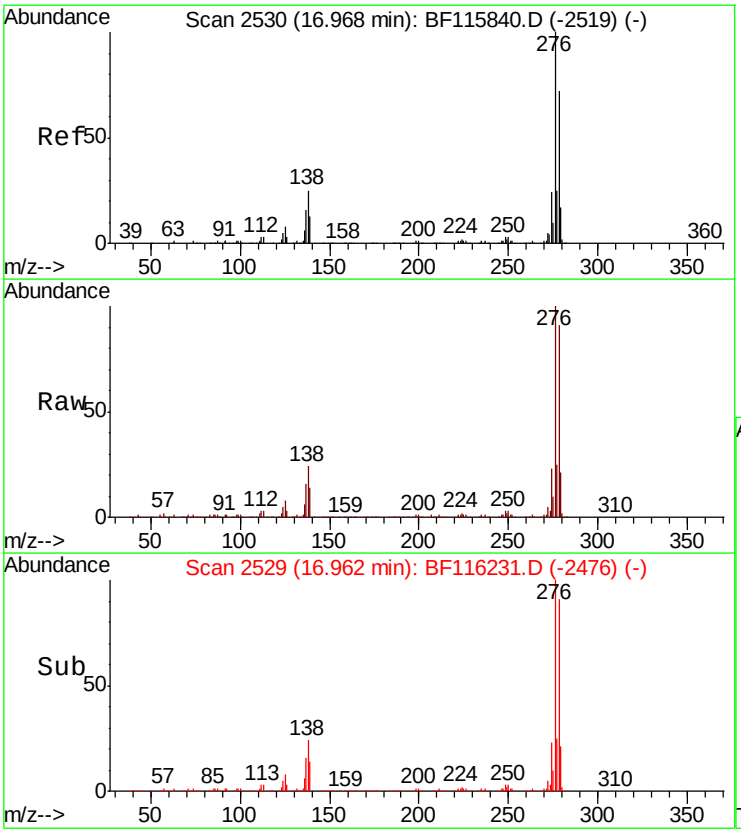
#85
Di-n-octyl phthalate
Concen: 43.919 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument : BNA_F
ClientSampleId : TP-14MSD

Tgt Ion:149 Resp: 1342427

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.9	7.5	11.3

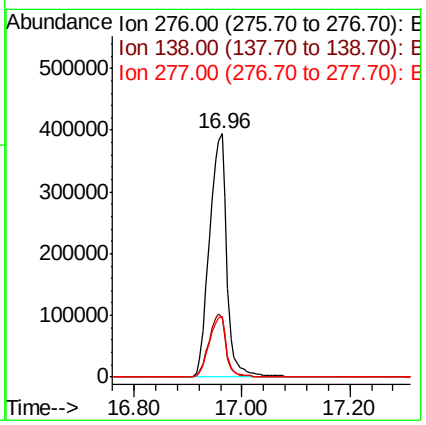


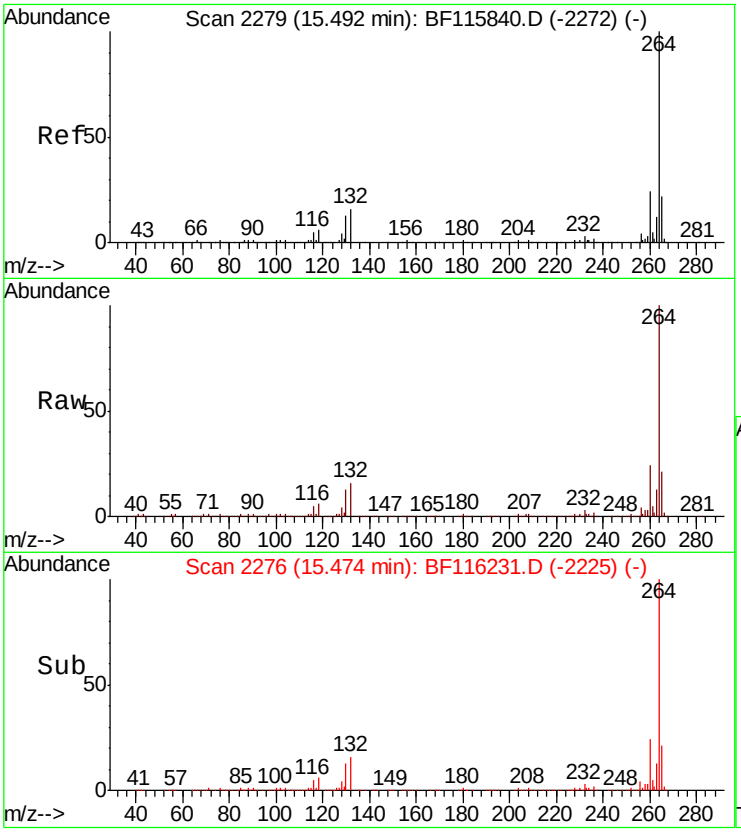


#86
Indeno(1,2,3-cd)pyrene
Concen: 37.076 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:276 Resp: 897404

Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.4	30.6
277	24.9	20.0	30.0



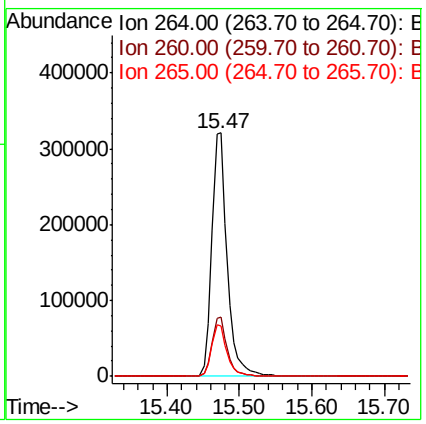


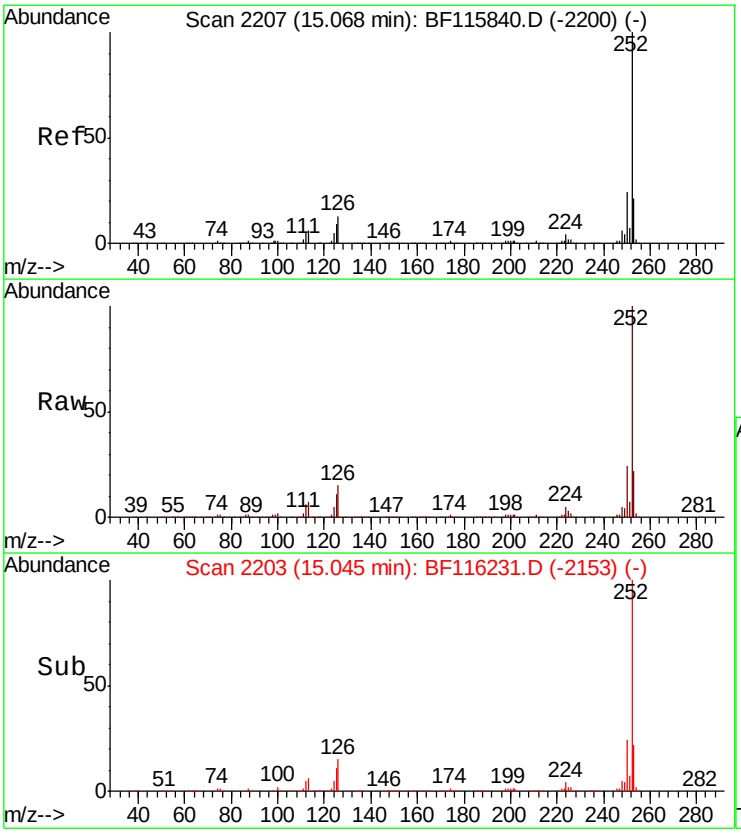
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:264 Resp: 472538

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	20.6	17.4	26.0

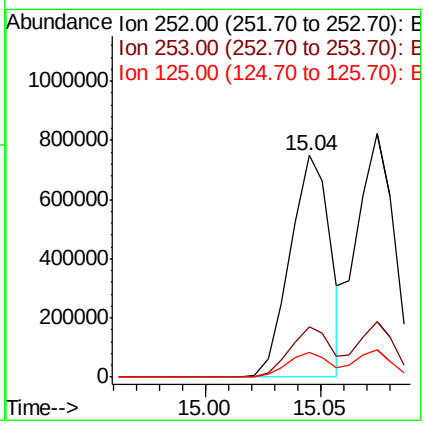


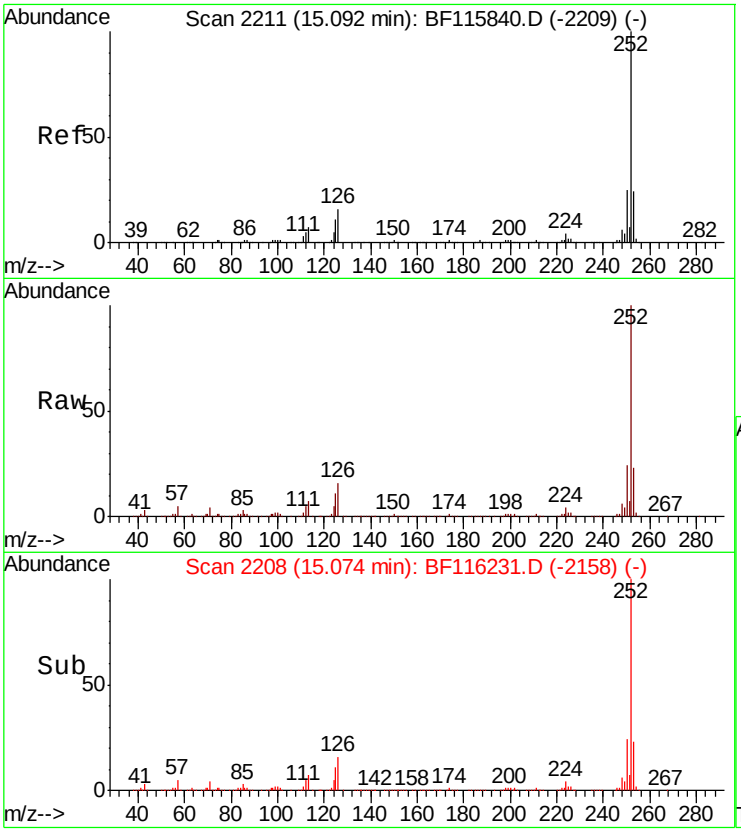


#88
Benzo(b)fluoranthene
Concen: 33.101 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:252 Resp: 904419

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	11.3	8.4	12.6



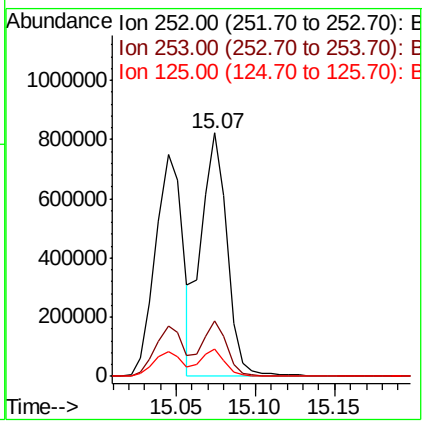


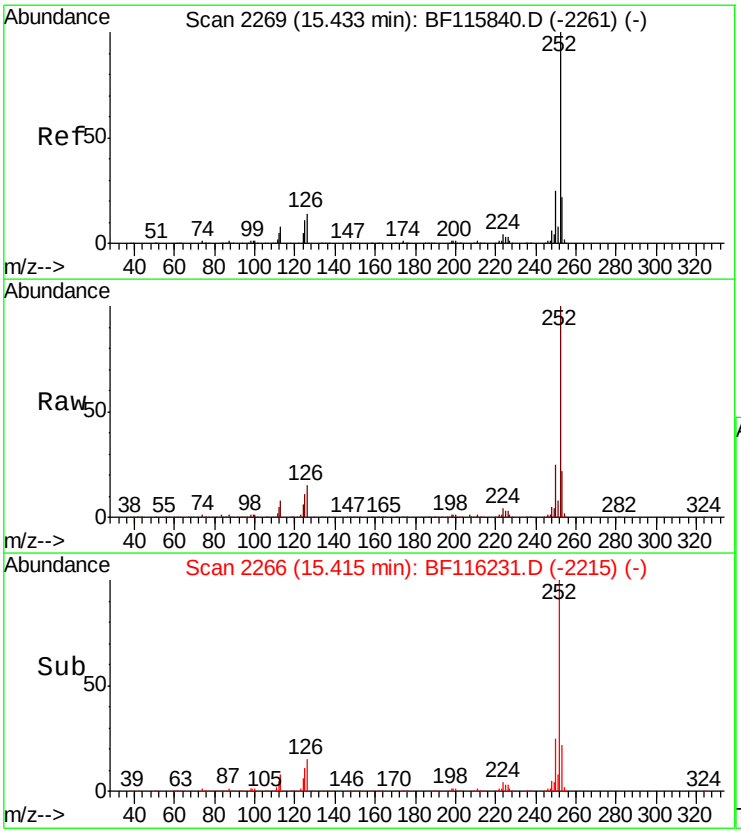
#89
Benzo(k)fluoranthene
Concen: 34.983 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:252 Resp: 930984

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.1	7.7	11.5

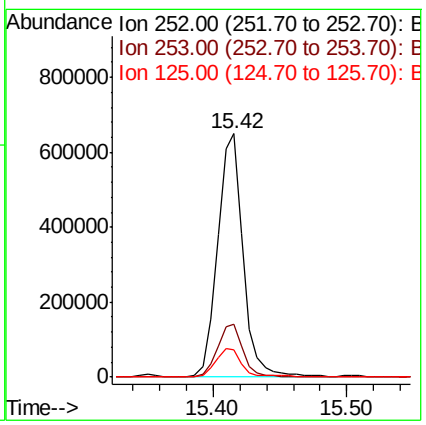


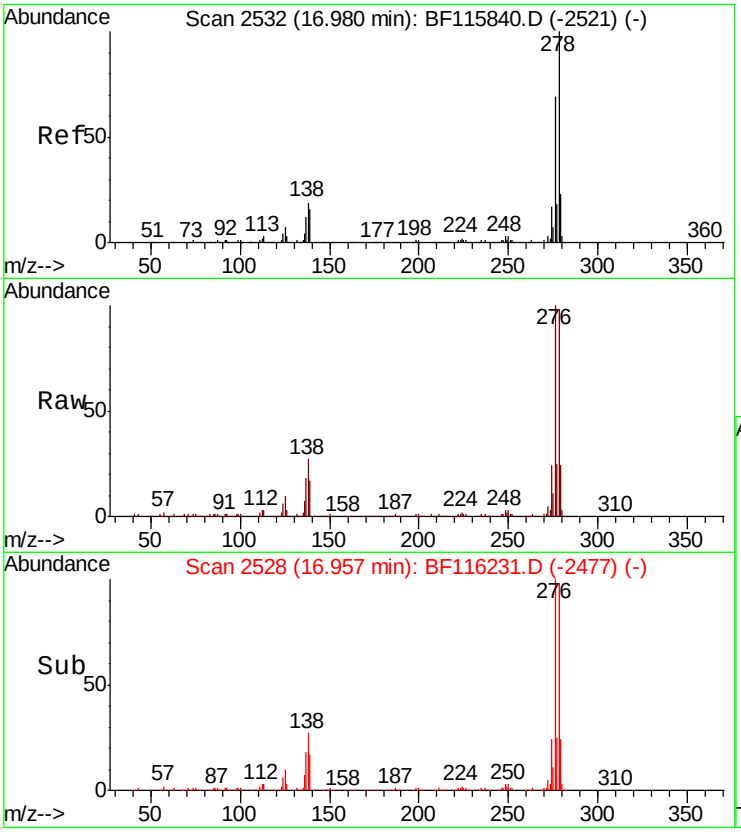


#90
Benzo(a)pyrene
Concen: 35.623 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:252 Resp: 870068

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	11.3	8.9	13.3



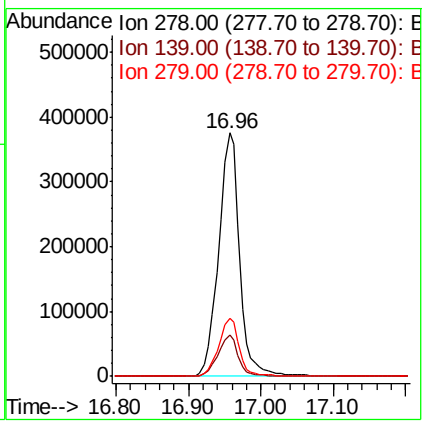


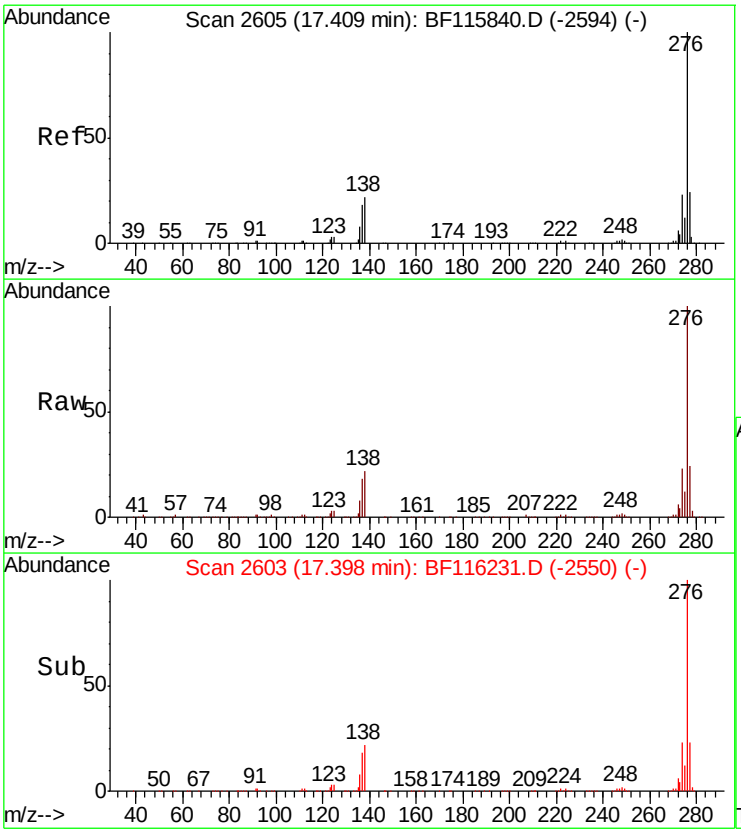
#91
Dibenzo(a,h)anthracene
Concen: 35.681 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:278 Resp: 754368

Ion	Ratio	Lower	Upper
278	100		
139	16.9	12.8	19.2
279	24.0	18.8	28.2





#92
Benzo(g,h,i)perylene
Concen: 35.372 ng
RT: 17.40 min Scan# 2603
Delta R.T. 0.01 min
Lab File: BF116231.D
Acq: 13 Aug 2019 15:00

Tgt Ion:276 Resp: 734436

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.4	27.6
138	22.3	17.0	25.6