Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117066.D
Acq On : 16 Sep 2019 16:38
Operator : HP/JU
Sample : K4889-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 17 05:13:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	55453	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	224956	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	119540	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	173785	20.00	ng		0.00
76) Chrysene-d12	13.97	240	122261	20.00	ng		0.00
87) Perylene-d12	15.42	264	136452	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	148242	41.74	ng		0.00
7) Phenol-d6	6.46	99	211491	46.07	ng		0.00
23) Nitrobenzene-d5	7.38	82	133227	31.12	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	46001	46.04	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	235390	30.79	ng		0.00
79) Terphenyl-d14	12.91	244	190596	29.14	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.59	77	4470	Below Cal			85
18) Hexachloroethane	7.33	117	3469	2.055	ng	#	6
19) n-Nitroso-di-n-propylamine	7.38	70	17504	6.262	ng	#	81
25) Isophorone	7.38	82	133238	17.576	ng	#	66
49) Acenaphthylene	9.71	152	43246	3.901	ng		97
50) Dimethylphthalate	9.56	163	21193	2.504	ng	#	92
51) 2,6-Dinitrotoluene	9.85	165	15370	8.916	ng	#	31
59) 2,3,4,6-Tetrachlorophenol	10.18	232	5364	3.132	ng	#	95
65) 4,6-Dinitro-2-methylphenol	10.70	198	121	7.033	ng	#	1
69) Atrazine	11.15	200	29468	16.239	ng	#	39
70) Pentachlorophenol	11.15	266	139449	153.255	ng		99
71) Phenanthrene	11.36	178	20910	2.118	ng		95
75) Fluoranthene	12.55	202	42272	4.168	ng		96
78) Pyrene	12.77	202	93094	9.075	ng		97
81) Benzo(a)anthracene	13.99	228	40207	4.922	ng		96
83) Chrysene	13.99	228	40207	5.047	ng		99
86) Indeno(1,2,3-cd)pyrene	16.85	276	28744	4.945	ng		94
88) Benzo(b)fluoranthene	15.00	252	68328	8.267	ng	#	91
89) Benzo(k)fluoranthene	15.00	252	68328	8.727	ng	#	91
90) Benzo(a)pyrene	15.36	252	39668	5.469	ng	#	84
92) Benzo(g,h,i)perylene	17.28	276	33309	5.785	ng		94

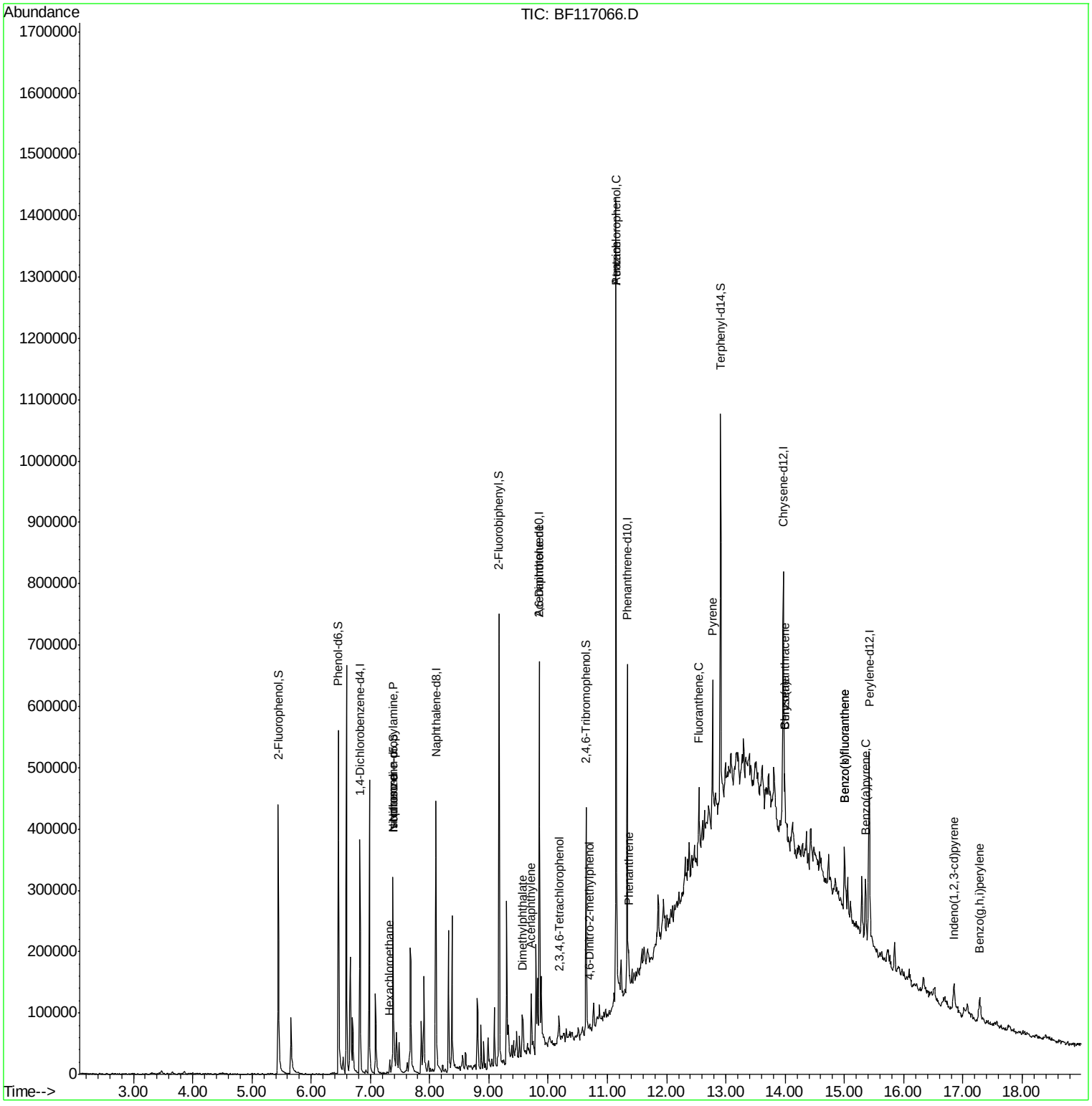
(#) = qualifier out of range (m) = manual integration (+) = signals summed

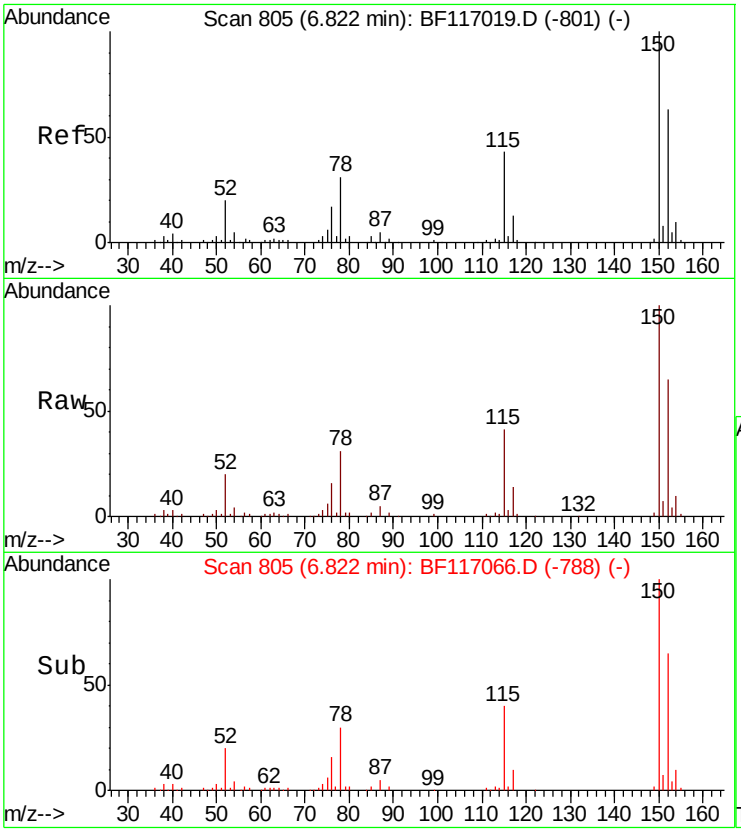
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117066.D
Acq On : 16 Sep 2019 16:38
Operator : HP/JU
Sample : K4889-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 17 05:13:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration



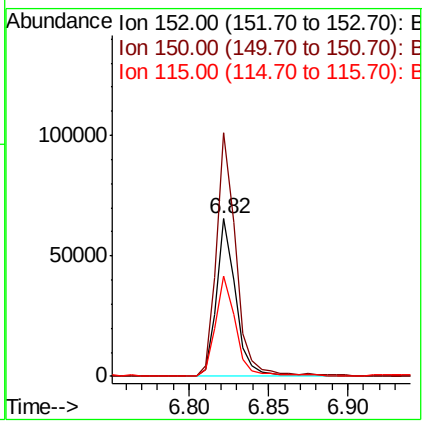


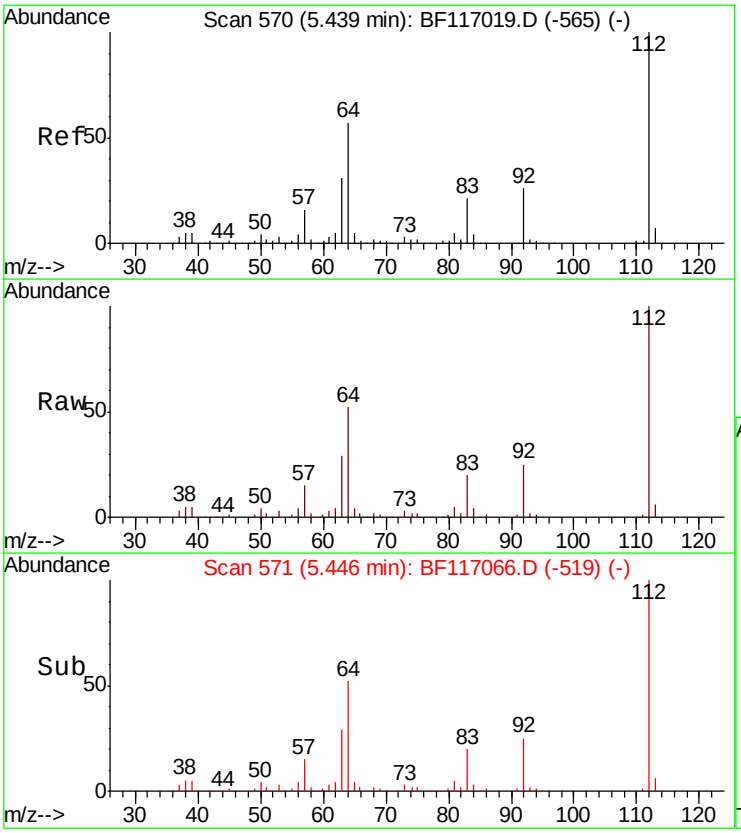
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 55453

Ion	Ratio	Lower	Upper
152	100		
150	154.3	127.5	191.3
115	63.5	55.0	82.4

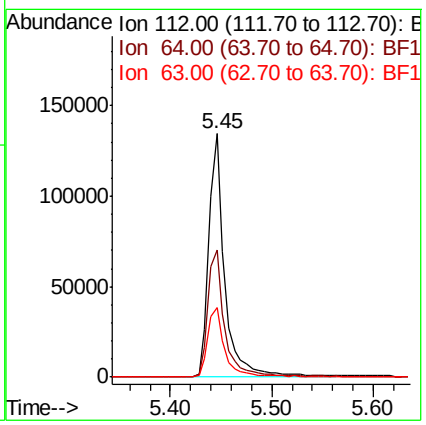


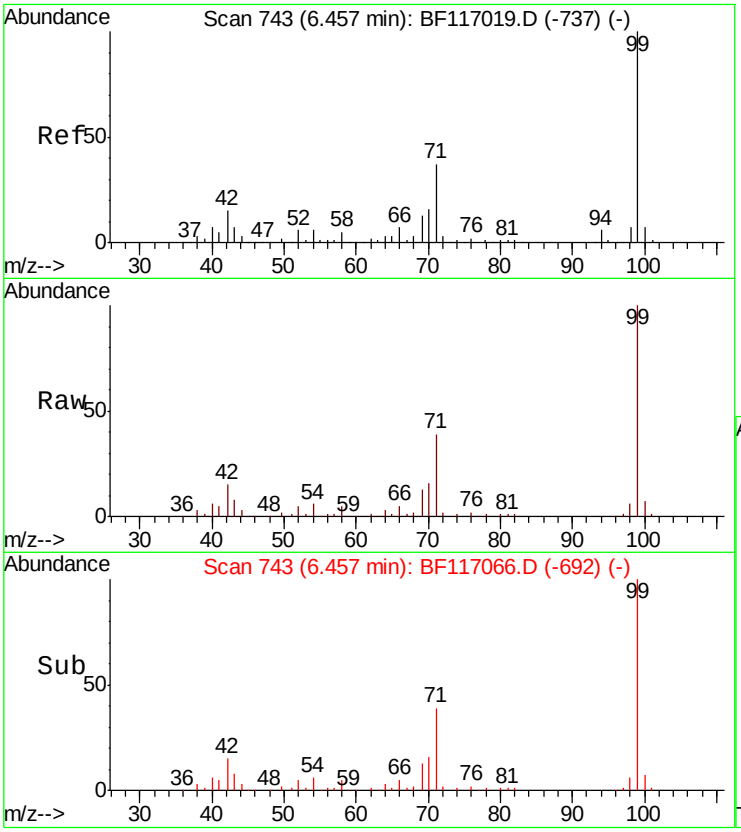


#5
2-Fluorophenol
Concen: 41.737 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Tgt Ion:112 Resp: 148242

Ion	Ratio	Lower	Upper
112	100		
64	52.3	45.7	68.5
63	28.7	24.9	37.3



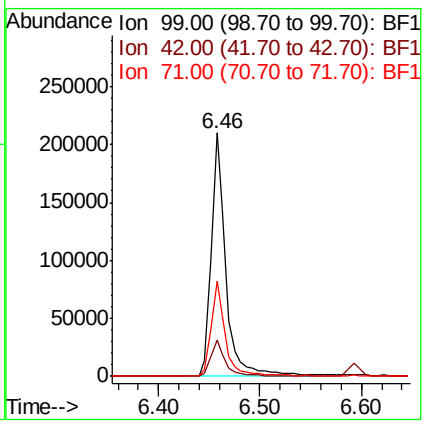


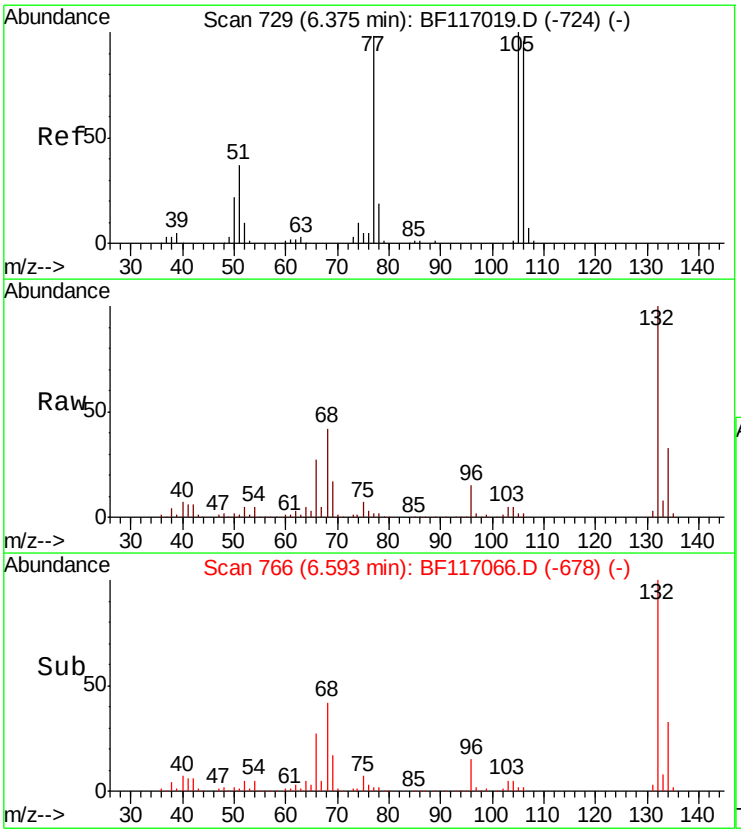
#7
Phenol-d6
Concen: 46.074 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 211491

Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.2	18.2
71	38.8	29.8	44.8

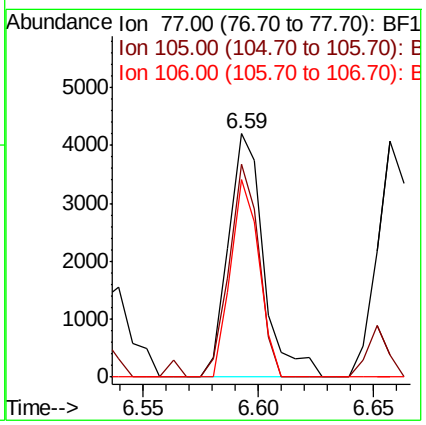


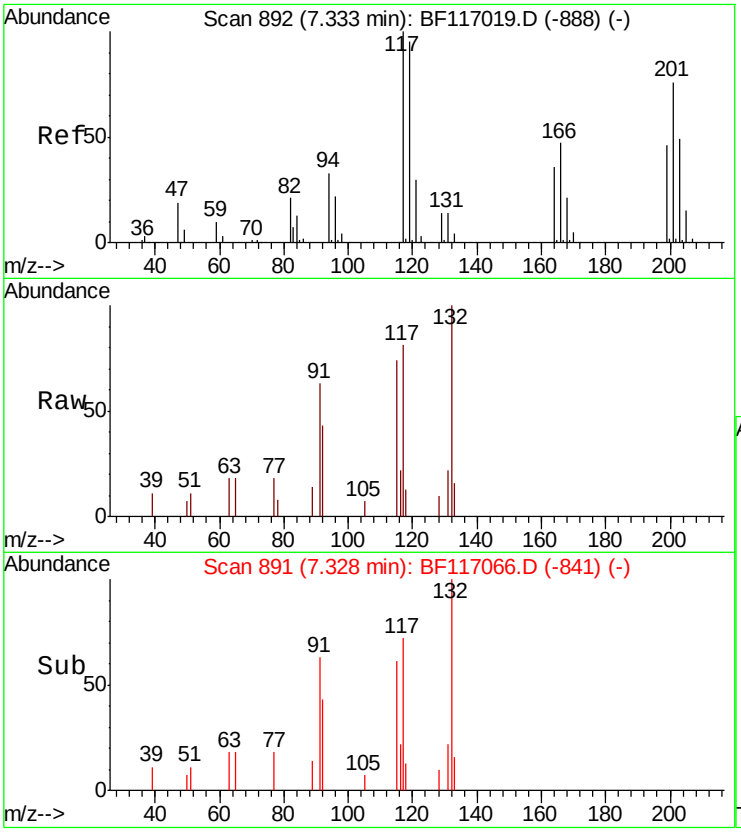


#9
Benzaldehyde
Concen: Below Cal
RT: 6.59 min Scan# 766
Delta R.T. 0.22 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Tgt Ion: 77 Resp: 4470

Ion	Ratio	Lower	Upper
77	100		
105	87.6	81.8	121.8
106	81.3	77.3	117.3



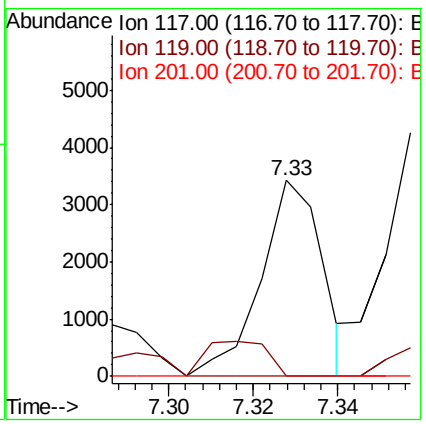


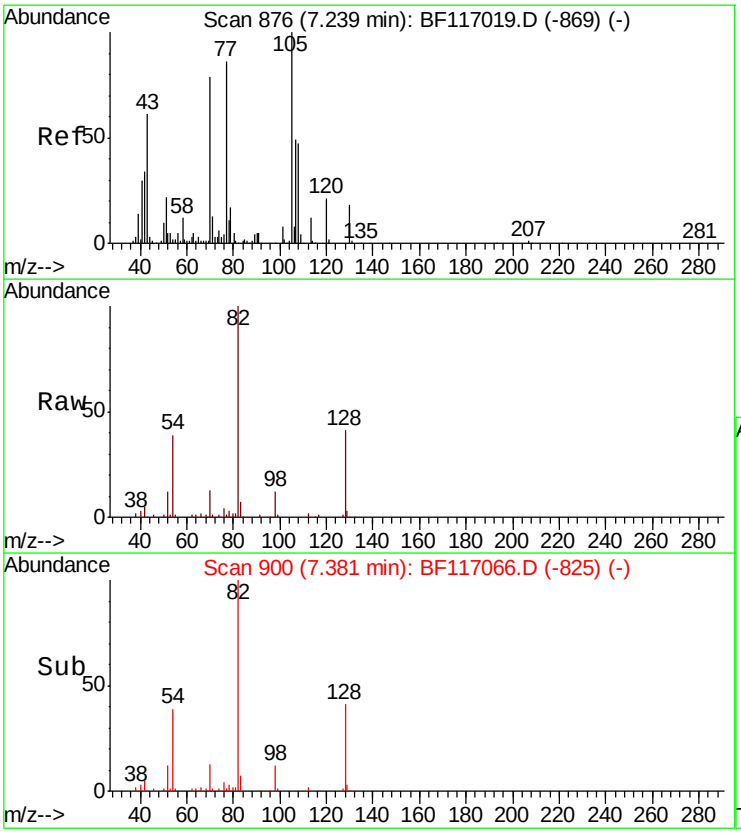
#18
Hexachloroethane
Concen: 2.055 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 3469

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.8#
201	0.0	60.9	91.3#

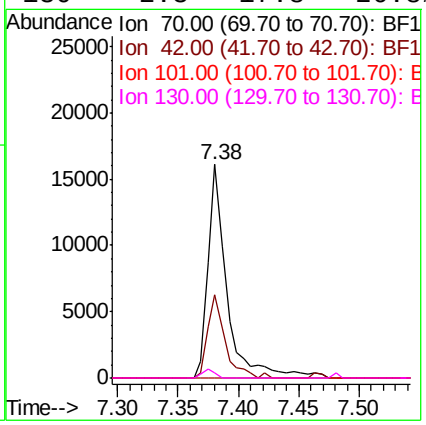


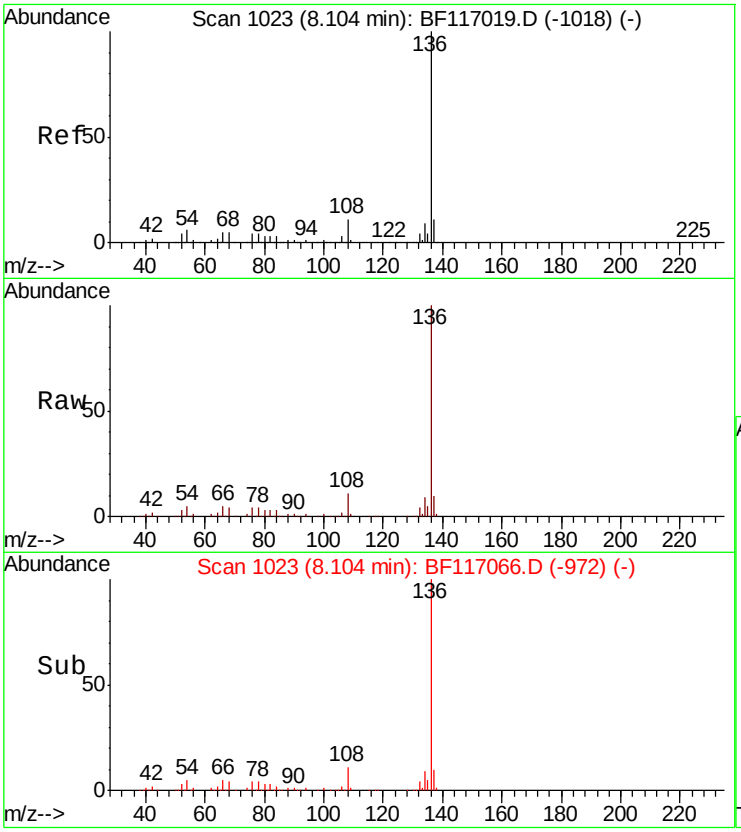


#19
n-Nitroso-di-n-propylamine
Concen: 6.262 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.14 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Tgt Ion: 70 Resp: 17504

Ion	Ratio	Lower	Upper
70	100		
42	38.9	34.0	51.0
101	0.0	7.8	11.6#
130	2.3	17.8	26.8#



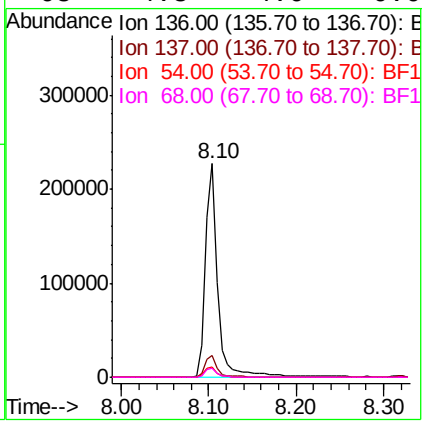


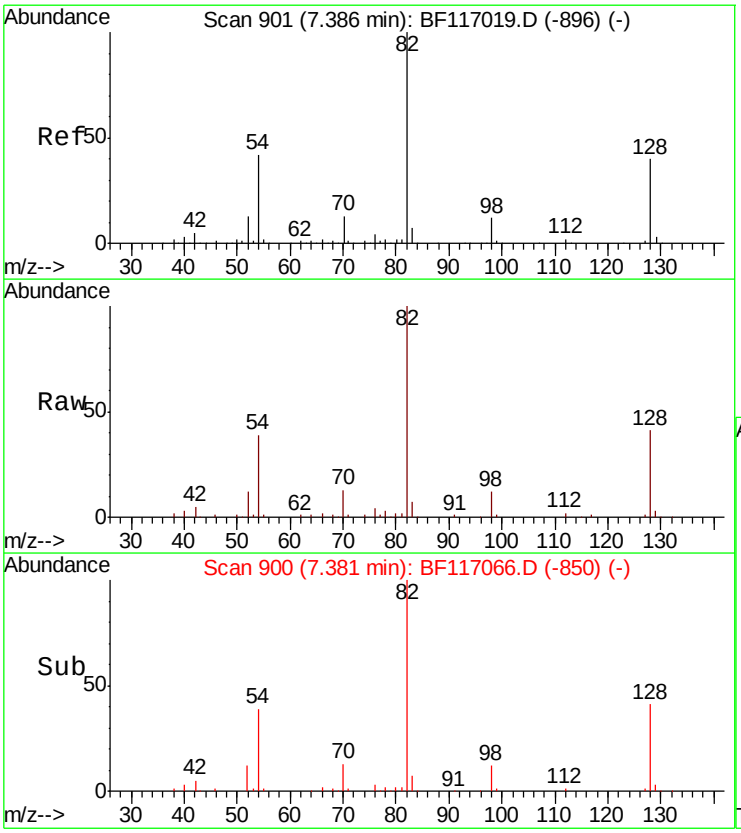
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 224956

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.0	13.4
54	5.1	4.5	6.7
68	4.3	4.0	6.0

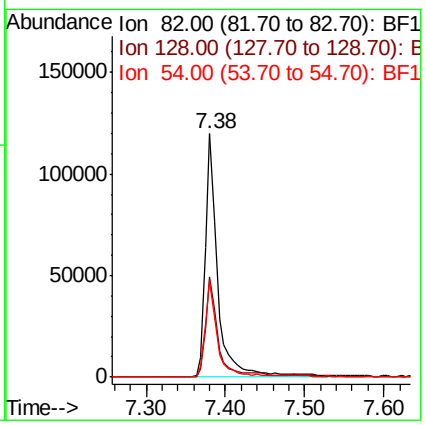


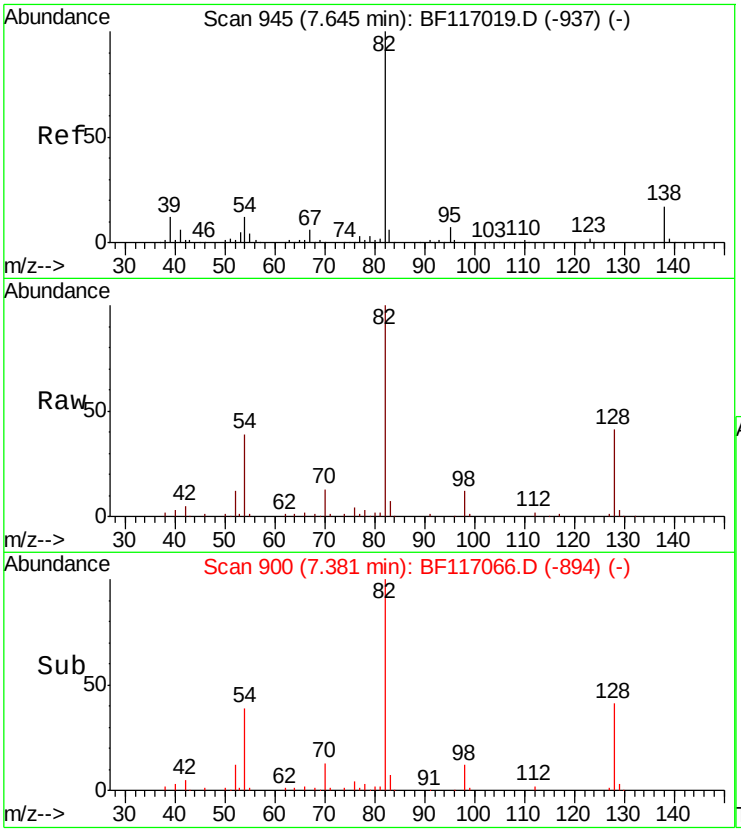


#23
Nitrobenzene-d5
Concen: 31.118 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Tgt Ion: 82 Resp: 133227

Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.3	48.5
54	39.5	33.3	49.9



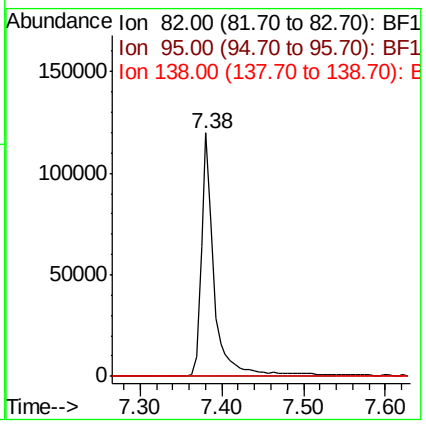


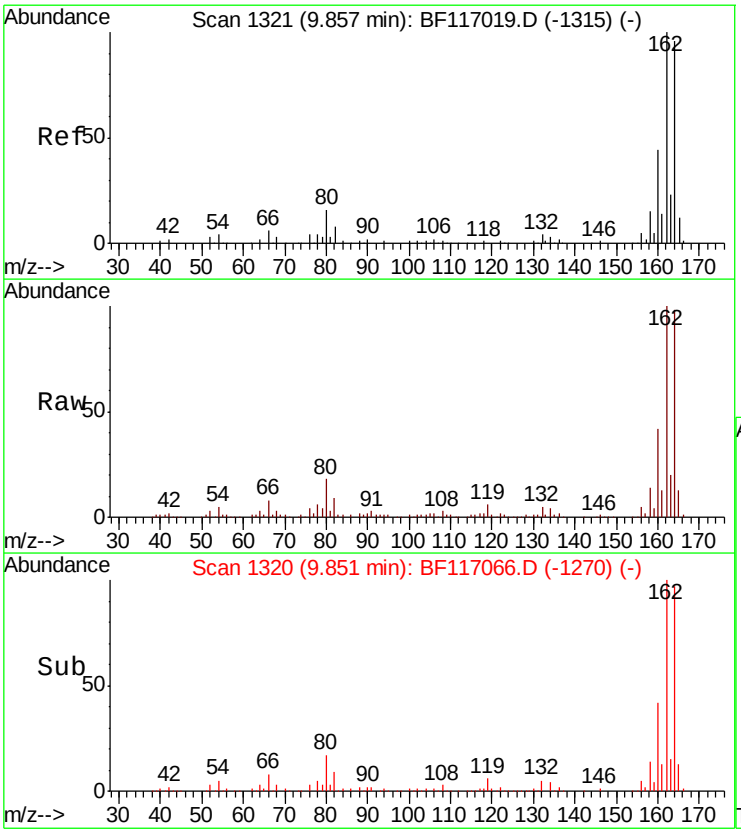
#25
Isophorone
Concen: 17.576 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 133238

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

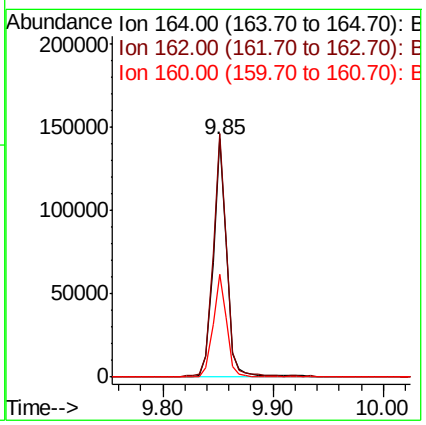


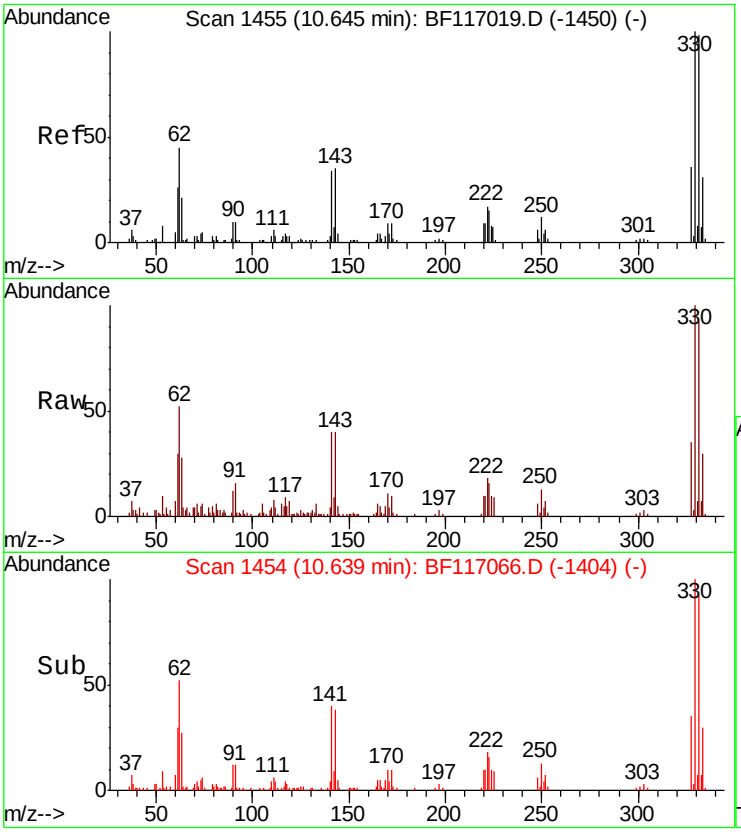


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Tgt Ion:164 Resp: 119540

Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.4	125.2
160	43.4	36.4	54.6



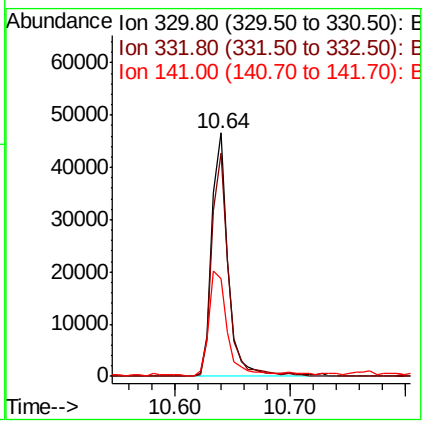


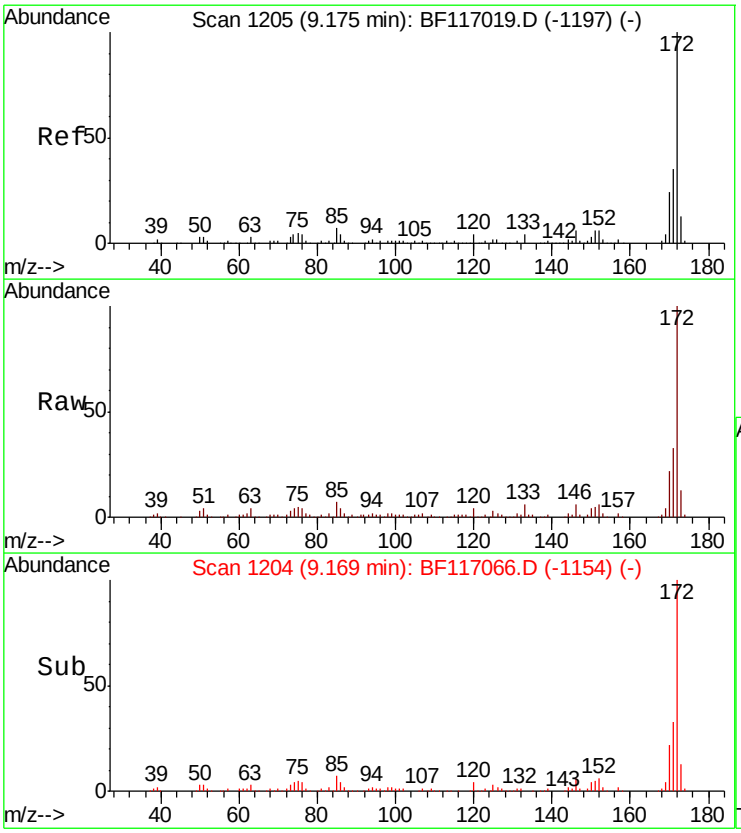
#42
2,4,6-Tribromophenol
Concen: 46.043 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 46001

Ion	Ratio	Lower	Upper
330	100		
332	91.7	78.0	117.0
141	48.7	35.8	53.6

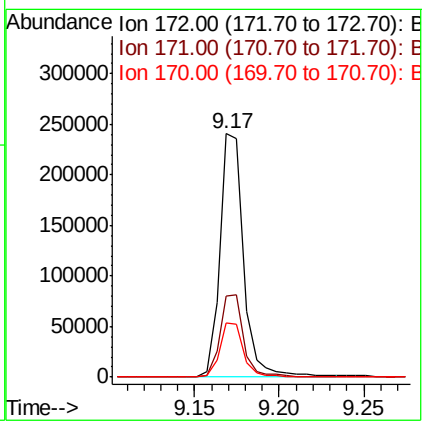


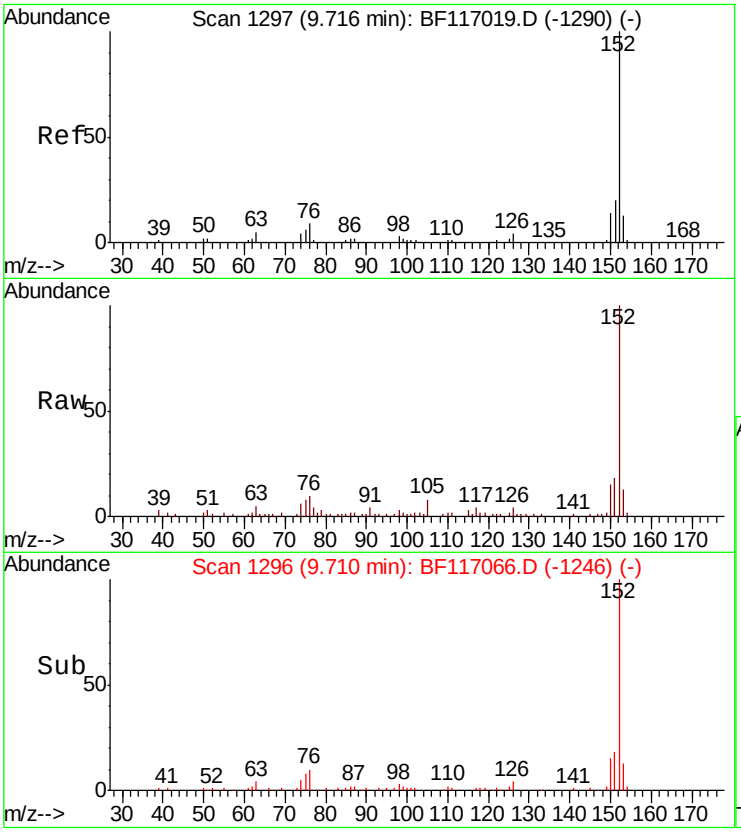


#45
2-Fluorobiphenyl
Concen: 30.789 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Tgt Ion:172 Resp: 235390

Ion	Ratio	Lower	Upper
172	100		
171	33.4	28.2	42.2
170	22.4	18.9	28.3



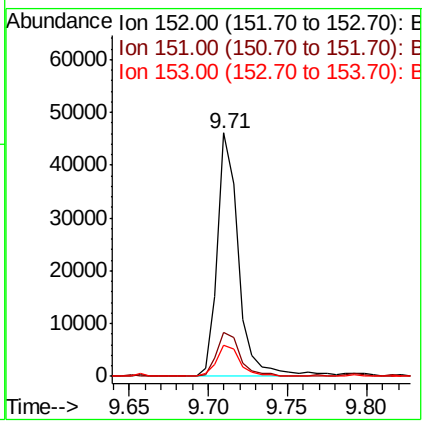


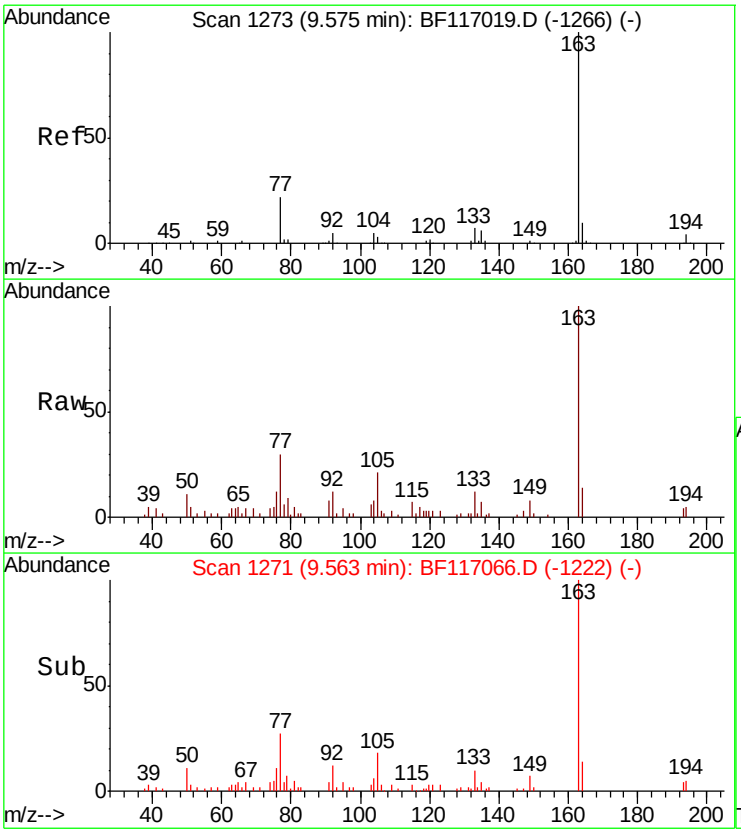
#49
Acenaphthylene
Concen: 3.901 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 43246

Ion	Ratio	Lower	Upper
152	100		
151	18.0	16.2	24.2
153	12.6	10.2	15.4

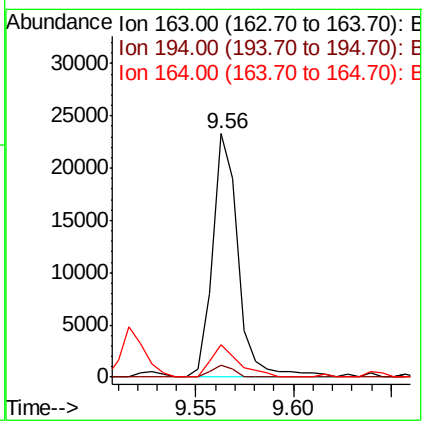


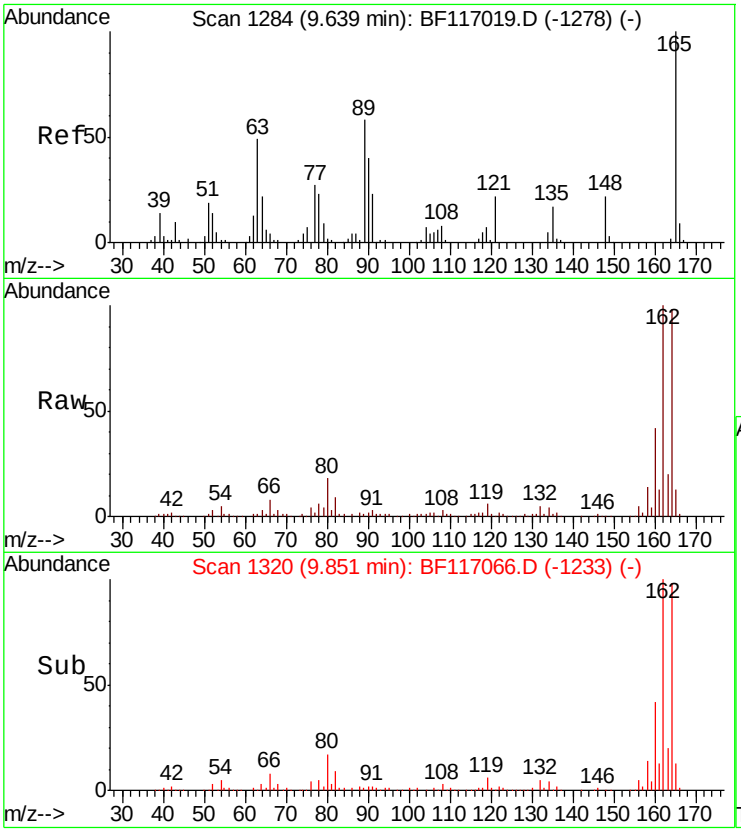


#50
Dimethylphthalate
Concen: 2.504 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Tgt Ion:163 Resp: 21193

Ion	Ratio	Lower	Upper
163	100		
194	4.9	2.9	4.3#
164	13.6	8.2	12.4#



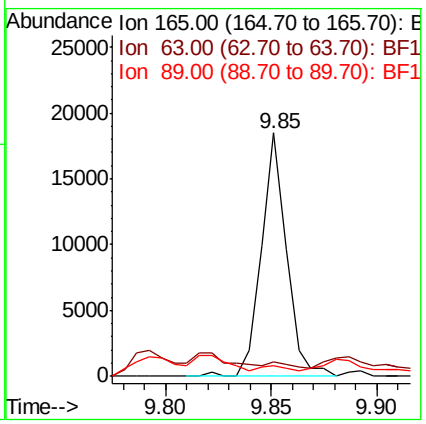


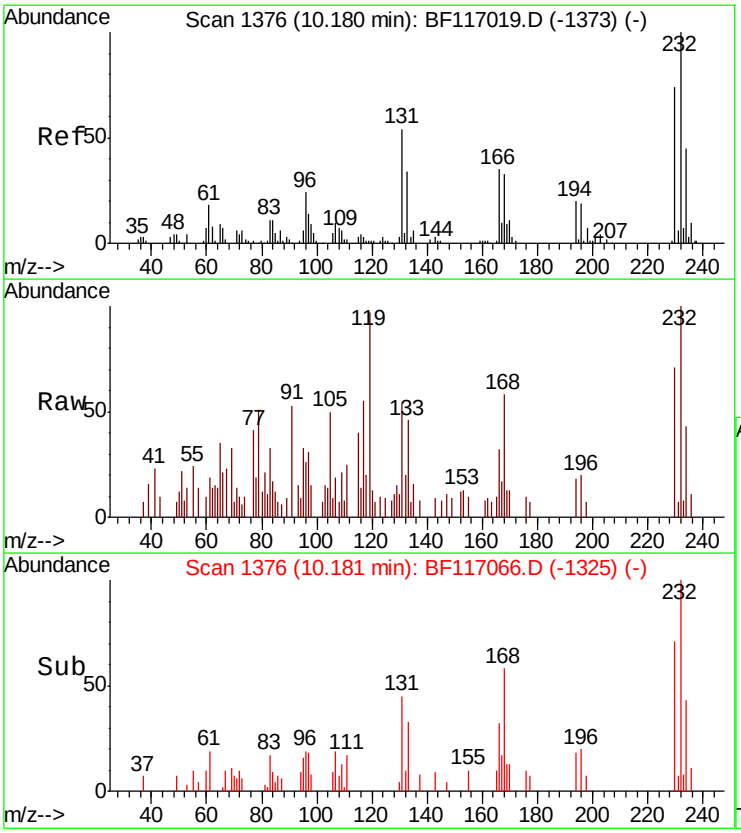
#51
2,6-Dinitrotoluene
Concen: 8.916 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15370

Ion	Ratio	Lower	Upper
165	100		
63	6.1	41.8	62.8#
89	4.6	46.5	69.7#

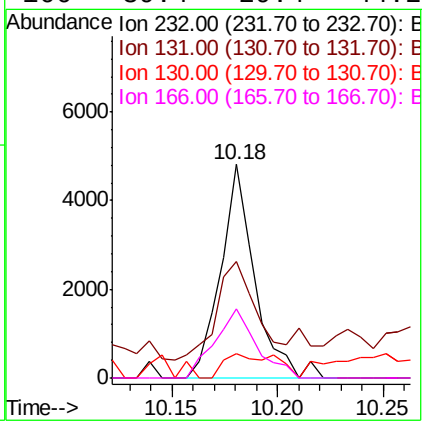


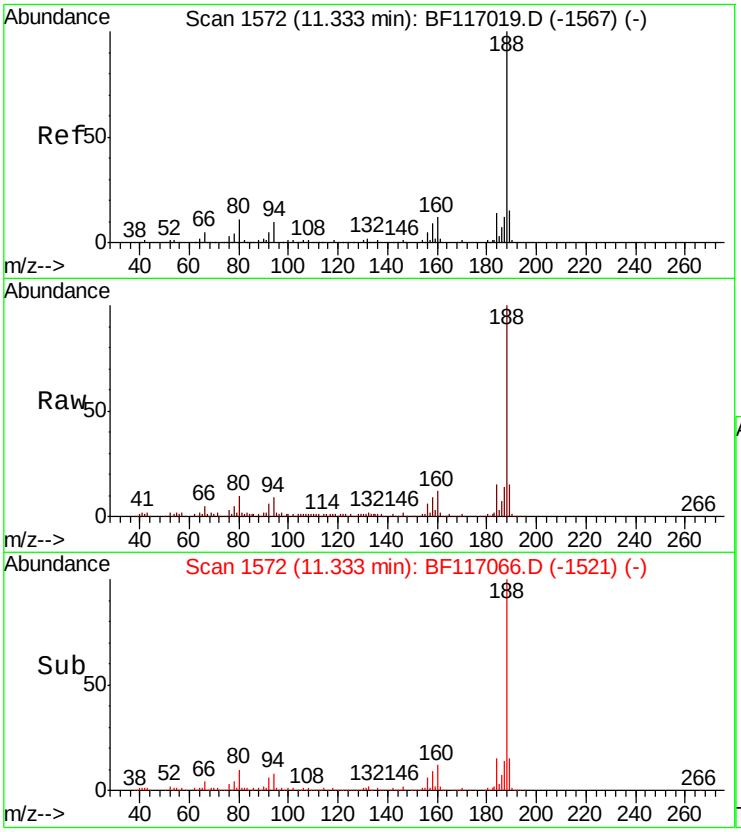


#59
2,3,4,6-Tetrachlorophenol
Concen: 3.132 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Tgt Ion:232 Resp: 5364

Ion	Ratio	Lower	Upper
232	100		
131	53.5	45.3	67.9
130	17.4	1.8	2.8#
166	39.4	29.4	44.2



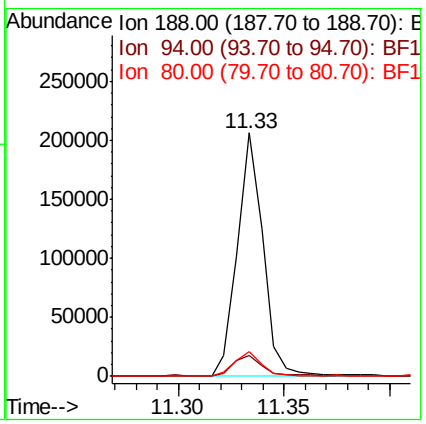


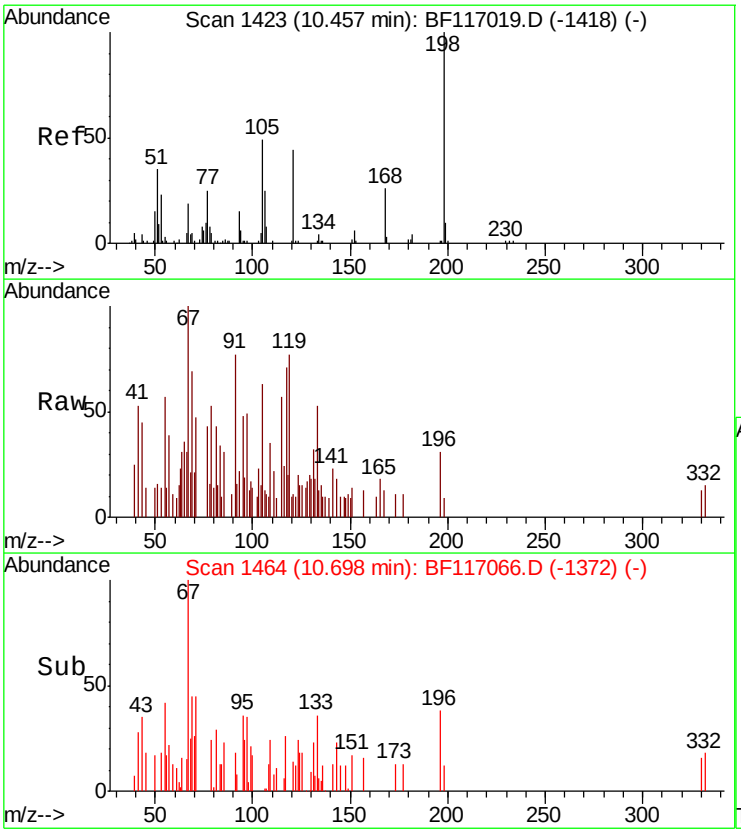
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 173785

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	10.3	9.0	13.6

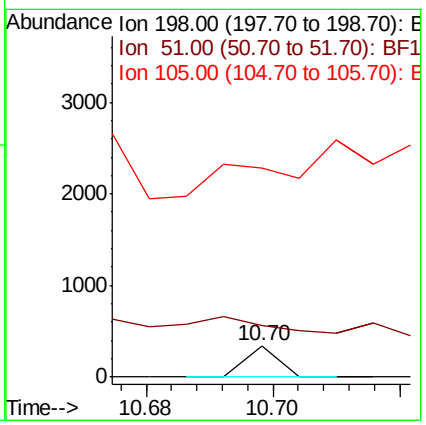


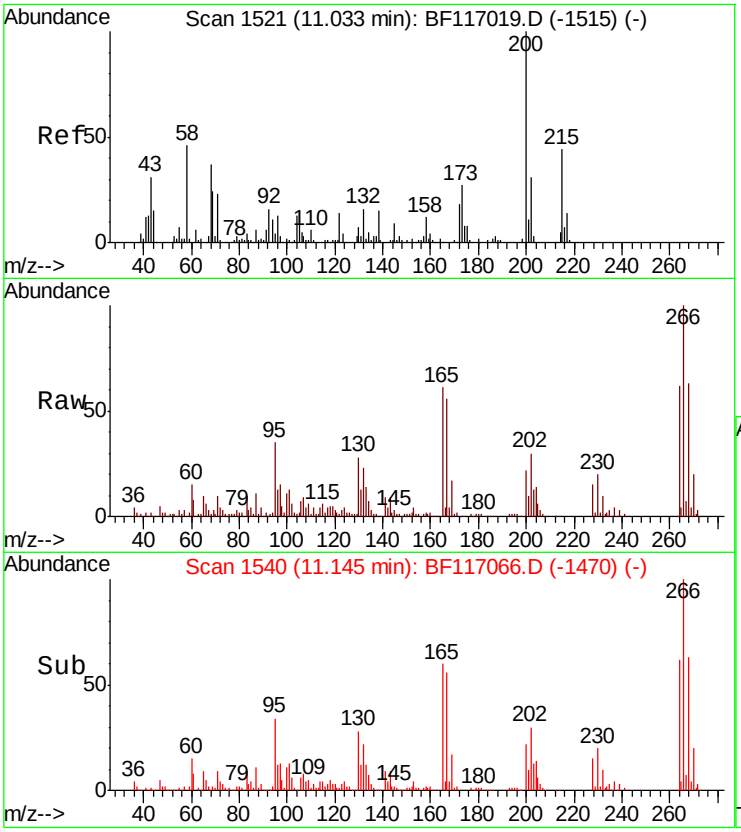


#65
4,6-Dinitro-2-methylphenol
Concen: 7.033 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.24 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Tgt Ion:198 Resp: 121

Ion	Ratio	Lower	Upper
198	100		
51	164.8	18.7	58.7#
105	662.8	30.2	70.2#



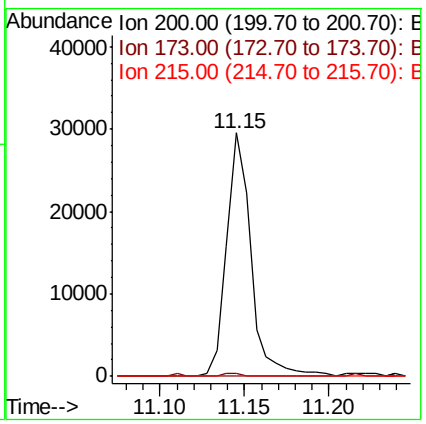


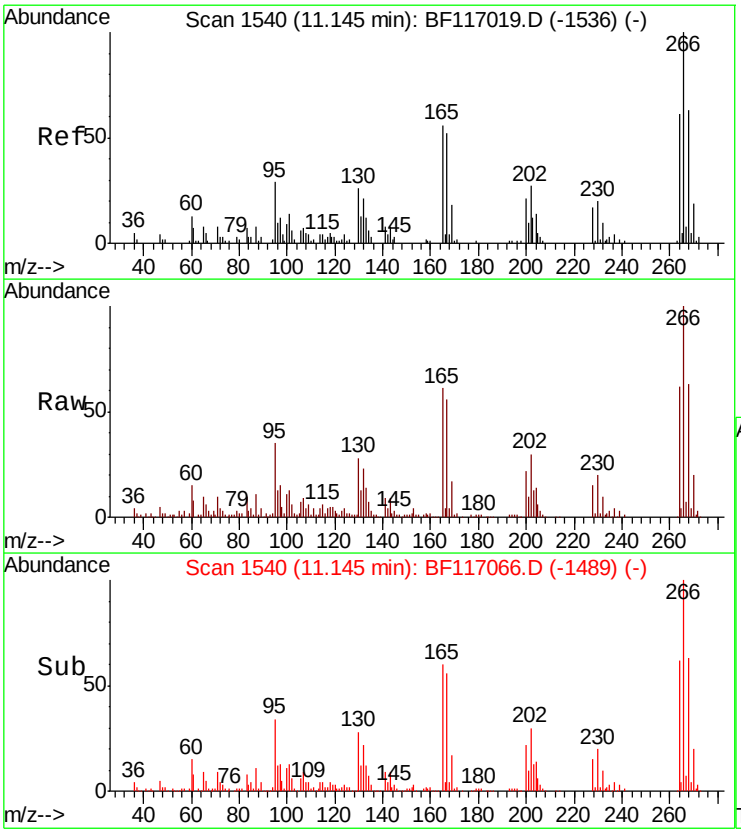
#69
Atrazine
Concen: 16.239 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.11 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:200 Resp: 29468

Ion	Ratio	Lower	Upper
200	100		
173	1.0	6.9	46.9#
215	0.0	23.8	63.8#

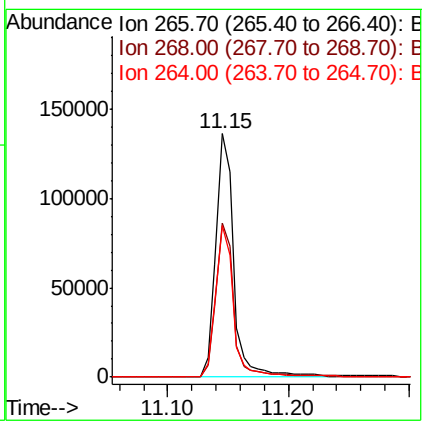


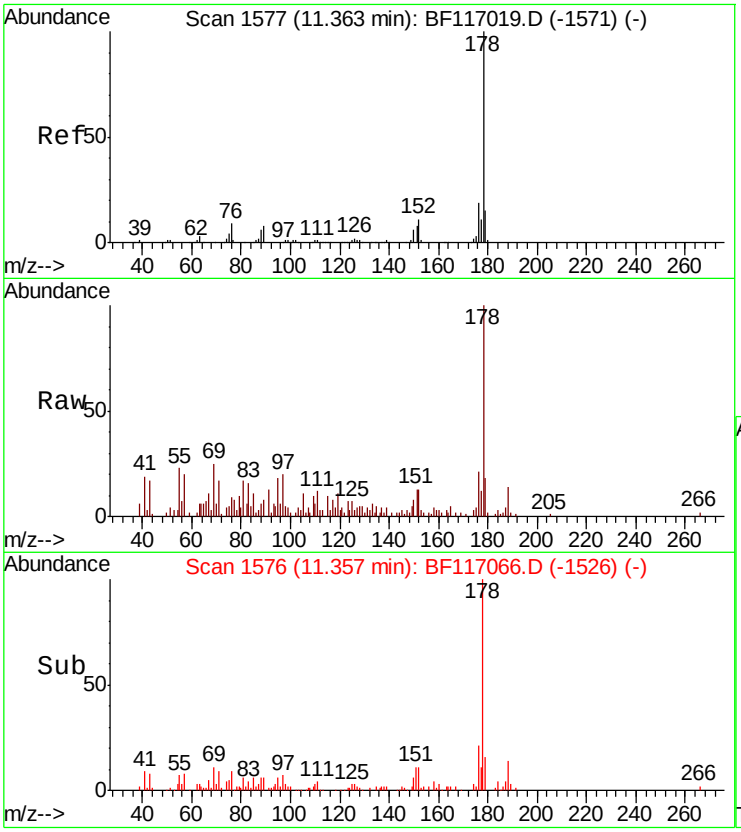


#70
Pentachlorophenol
Concen: 153.255 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Tgt Ion:266 Resp: 139449

Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.5	75.7
264	62.4	48.8	73.2



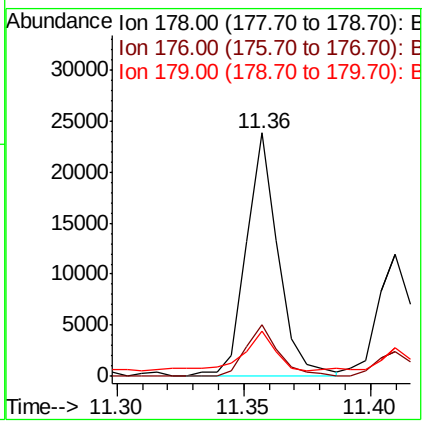


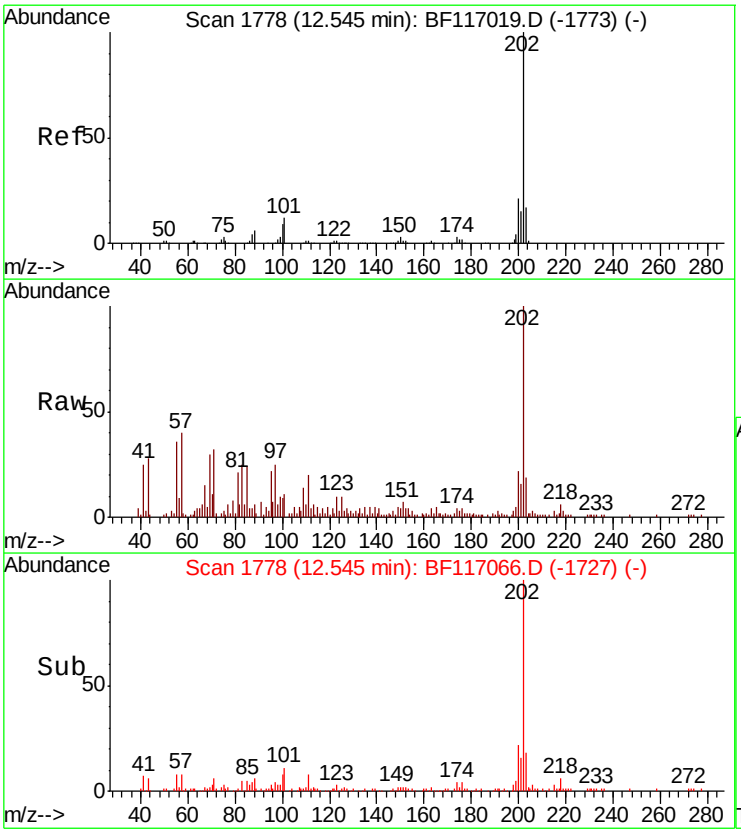
#71
Phenanthrene
Concen: 2.118 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 20910

Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.4	23.2
179	18.3	12.4	18.6

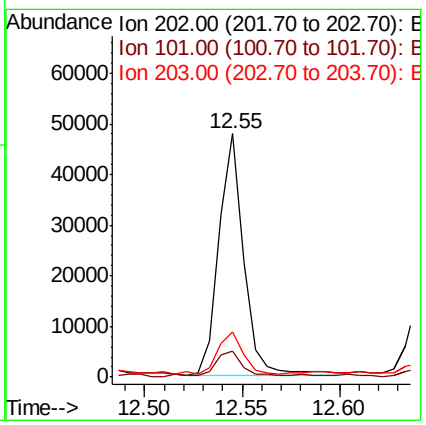


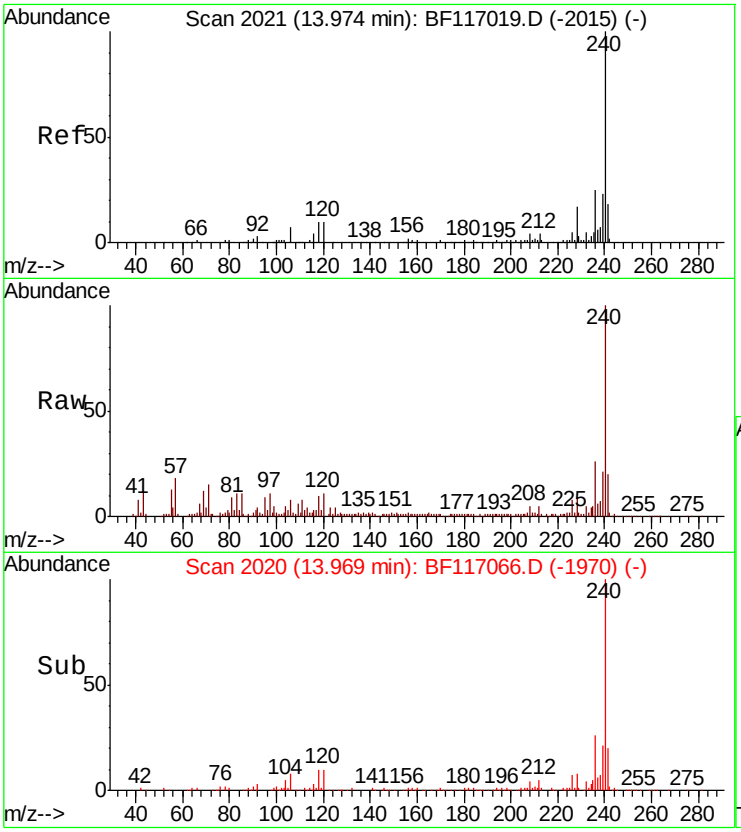


#75
Fluoranthene
Concen: 4.168 ng
RT: 12.55 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Tgt Ion:202 Resp: 42272

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	32.3
203	18.6	0.0	37.1



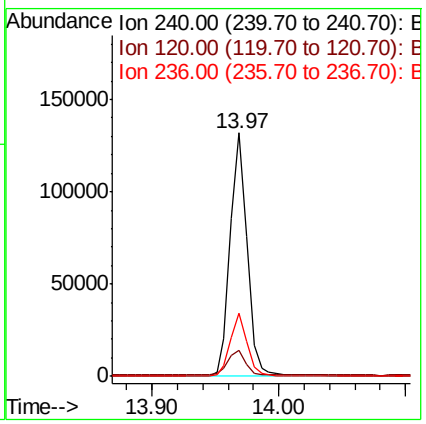


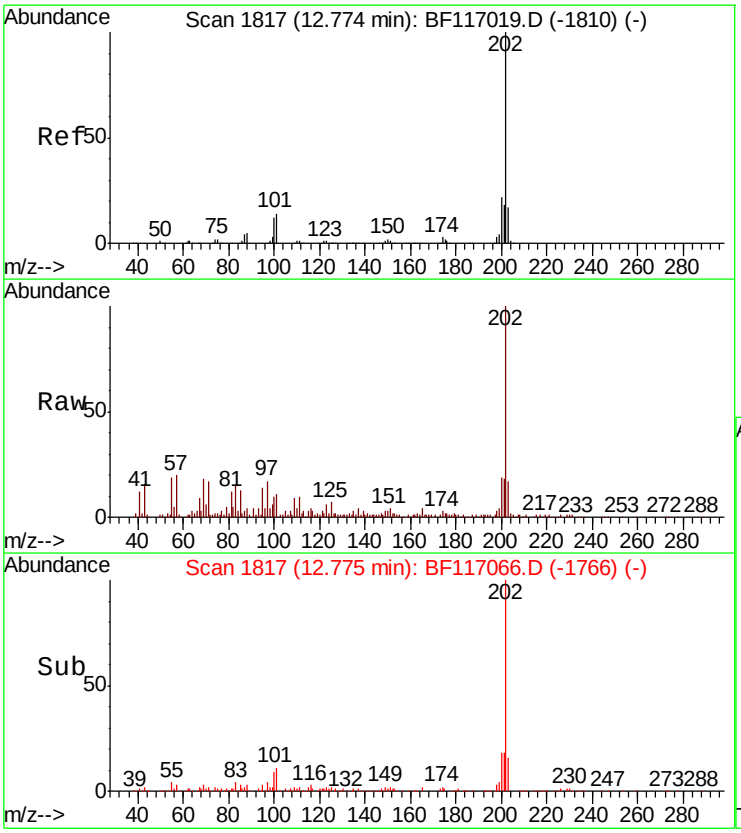
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 122261

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.3	12.5
236	26.0	20.3	30.5

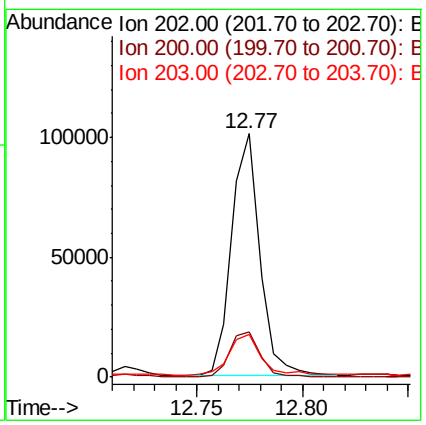


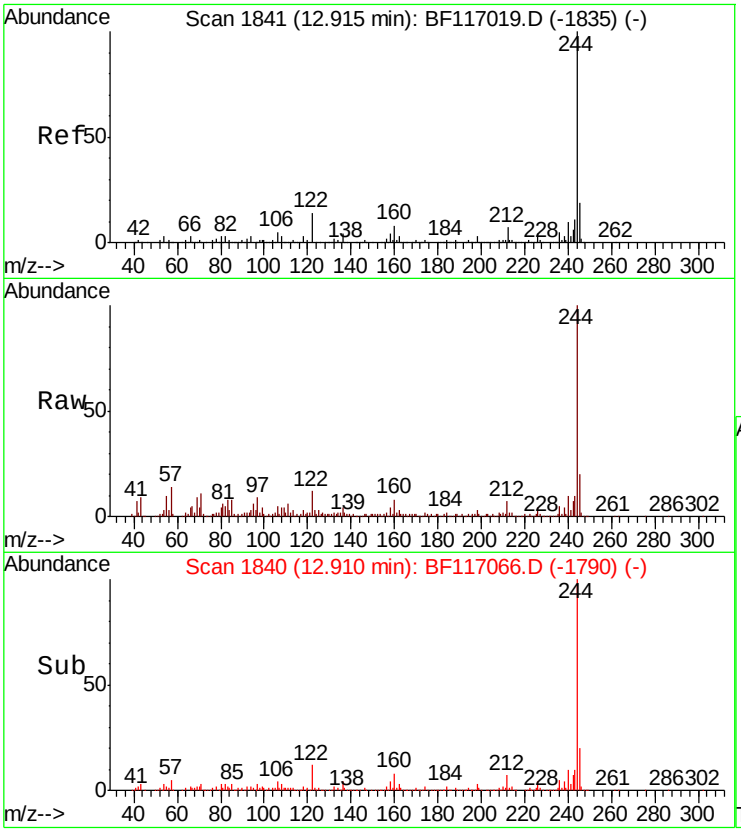


#78
Pyrene
Concen: 9.075 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Tgt Ion:202 Resp: 93094

Ion	Ratio	Lower	Upper
202	100		
200	18.8	17.2	25.8
203	17.4	14.0	21.0



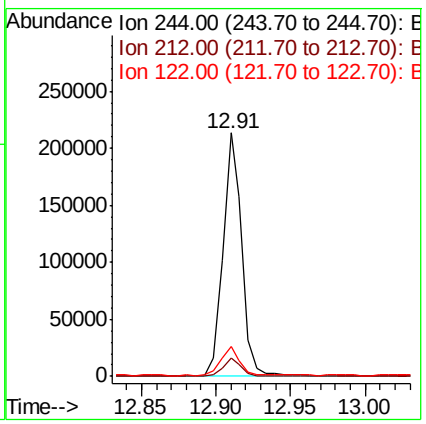


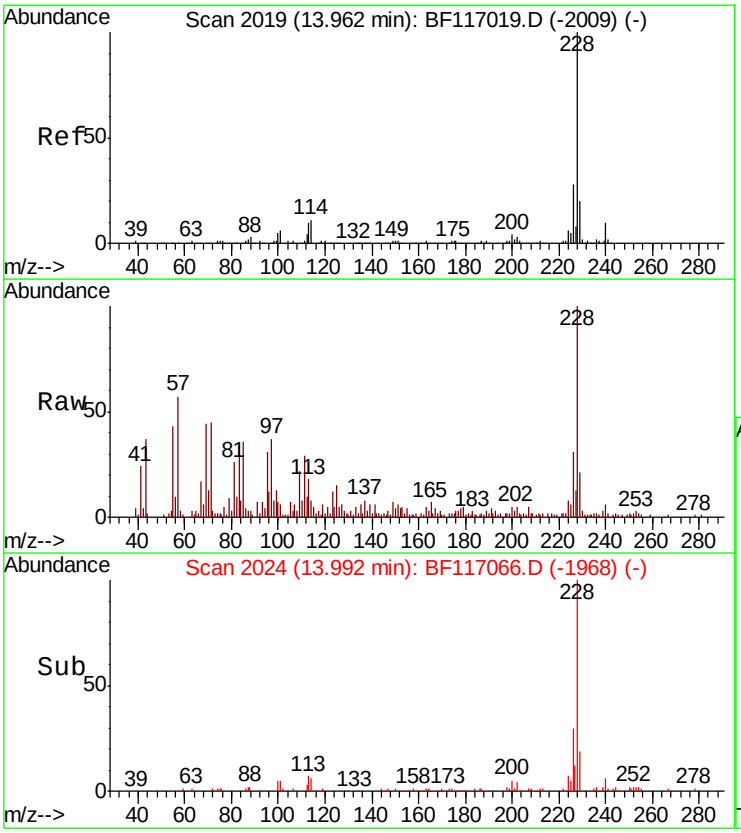
#79
Terphenyl-d14
Concen: 29.140 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 190596

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	12.5	11.3	16.9

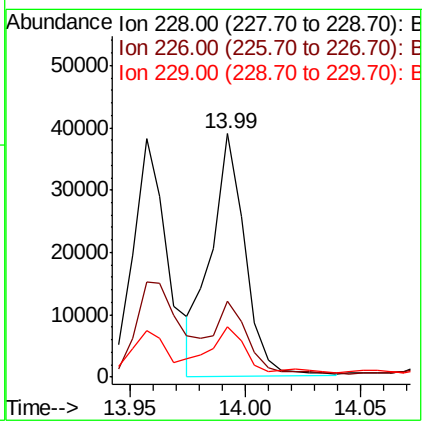


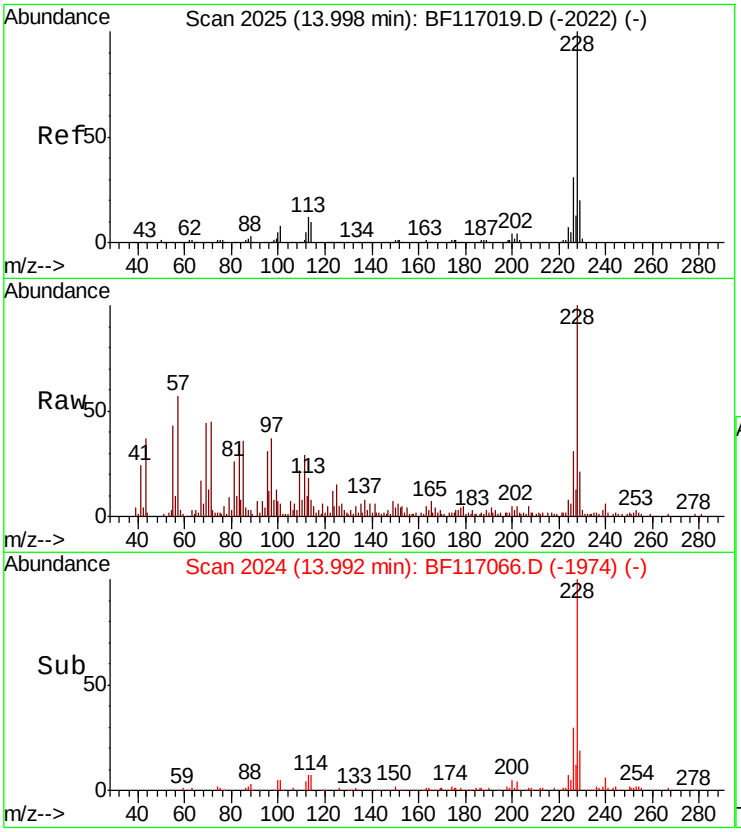


#81
Benzo(a)anthracene
Concen: 4.922 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.03 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Tgt Ion:228 Resp: 40207

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.3	33.5
229	20.6	15.9	23.9



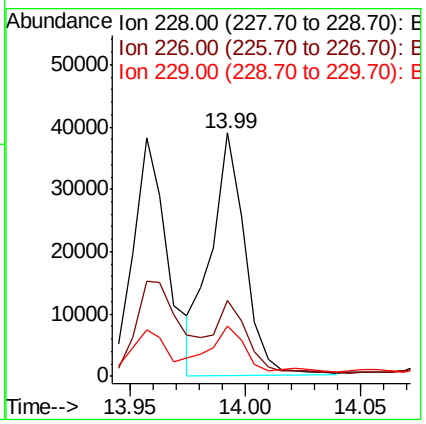


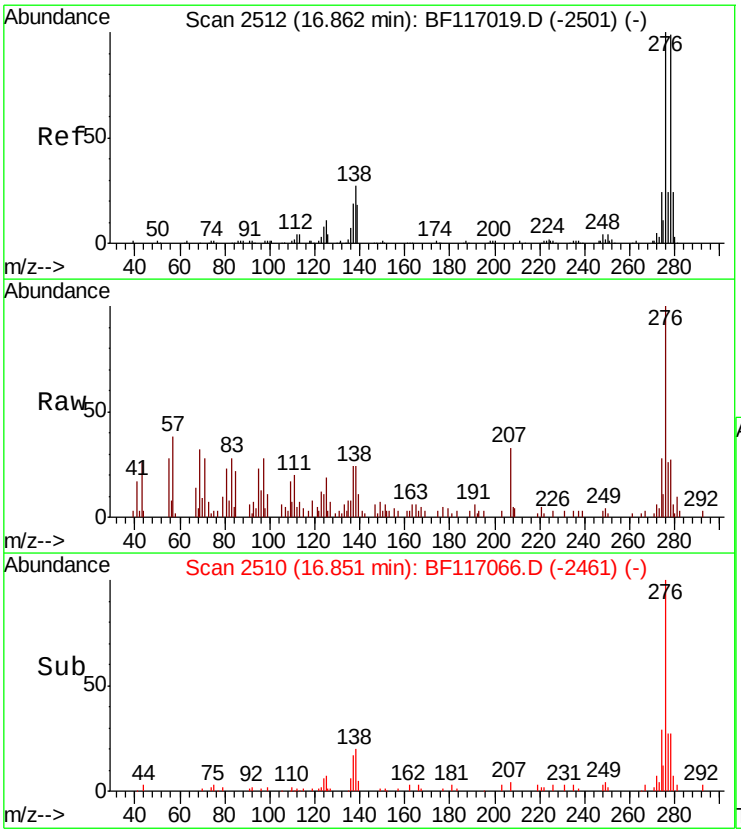
#83
Chrysene
Concen: 5.047 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 40207

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.8	37.2
229	20.6	15.8	23.8

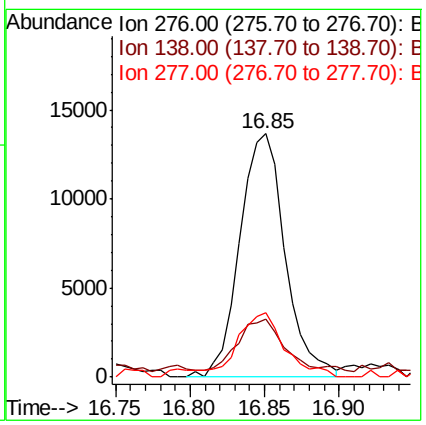


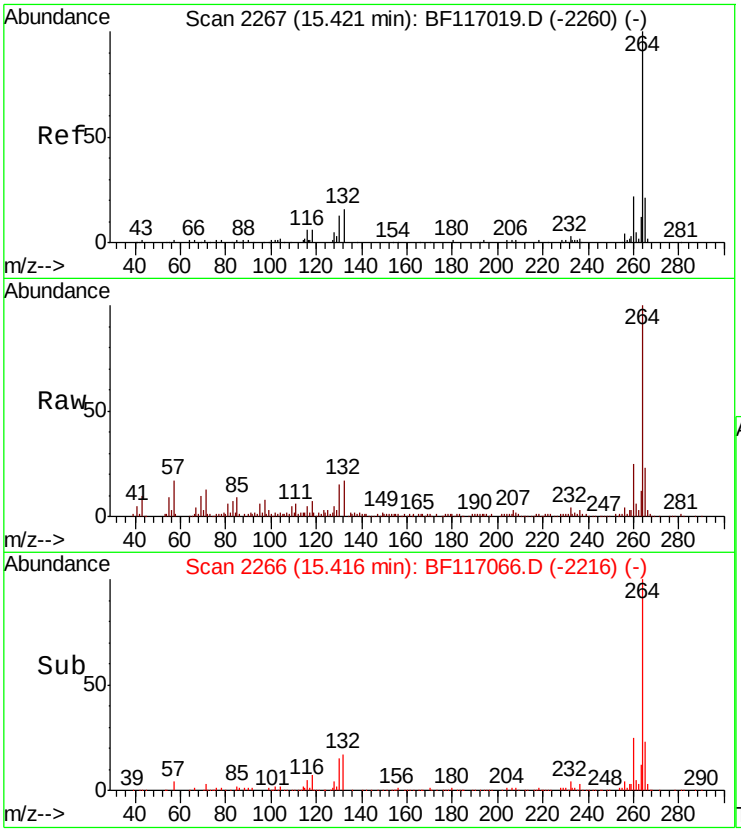


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.945 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.01 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Tgt Ion:276 Resp: 28744

Ion	Ratio	Lower	Upper
276	100		
138	21.8	20.7	31.1
277	27.0	19.8	29.8



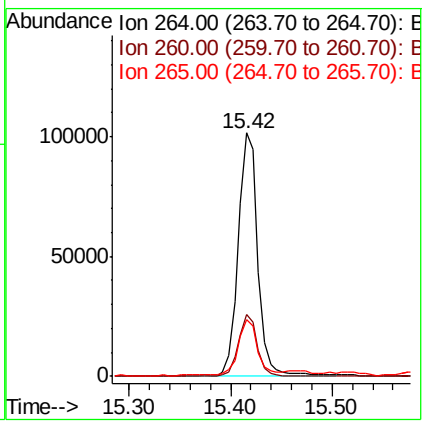


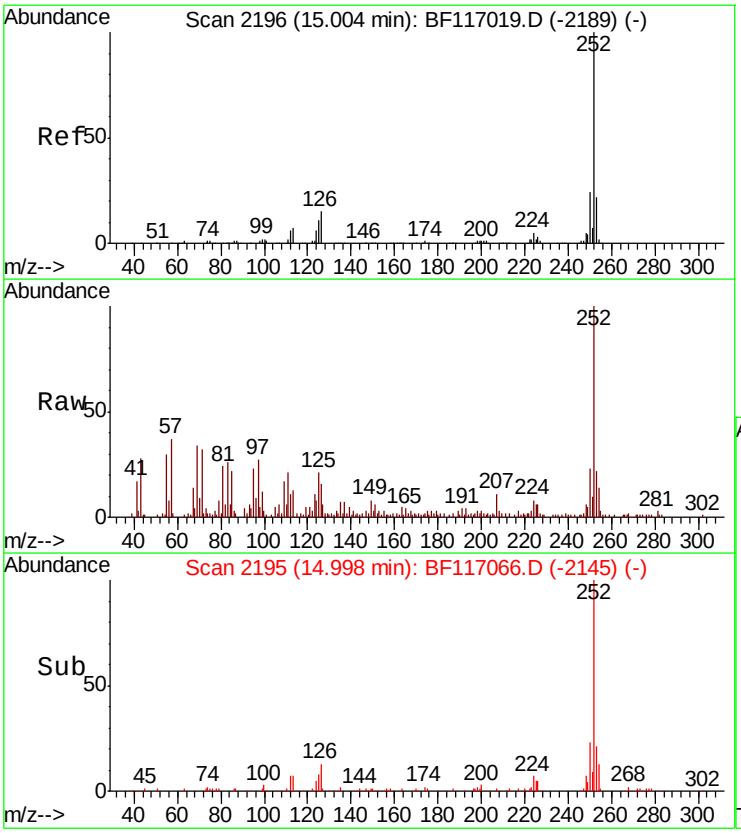
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 136452

Ion	Ratio	Lower	Upper
264	100		
260	25.2	17.6	26.4
265	23.2	16.6	24.8

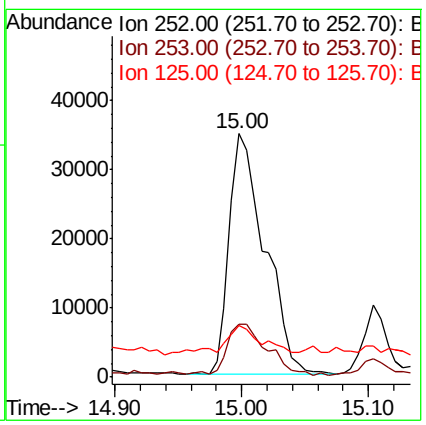


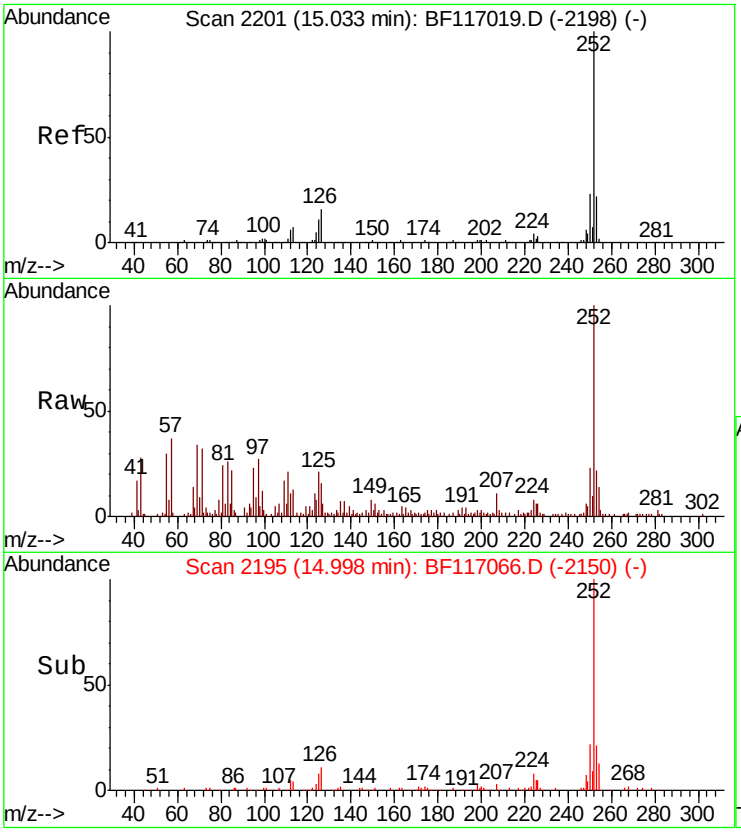


#88
Benzo(b)fluoranthene
Concen: 8.267 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Tgt Ion:252 Resp: 68328

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	21.0	8.6	12.8#



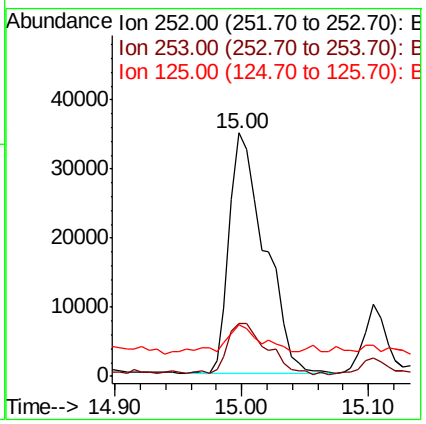


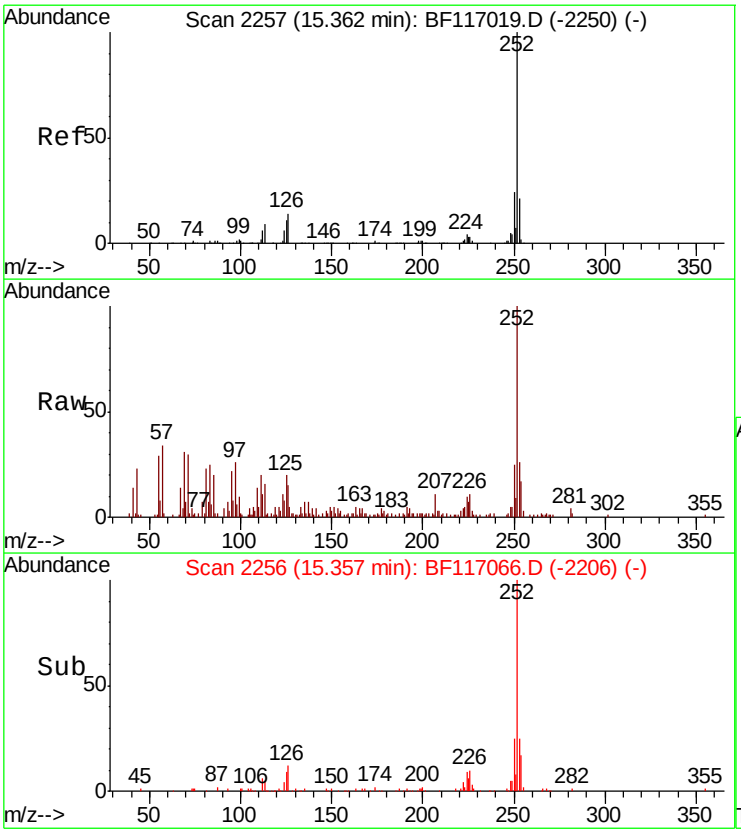
#89
Benzo(k)fluoranthene
Concen: 8.727 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.04 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 68328

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	21.0	8.8	13.2#

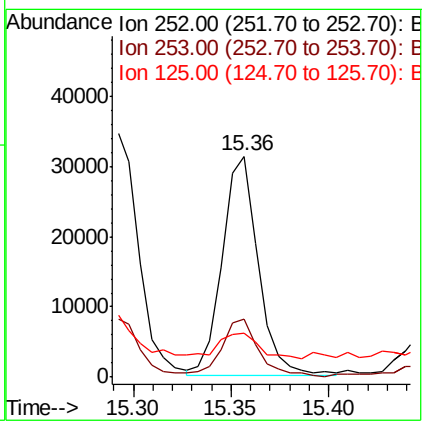


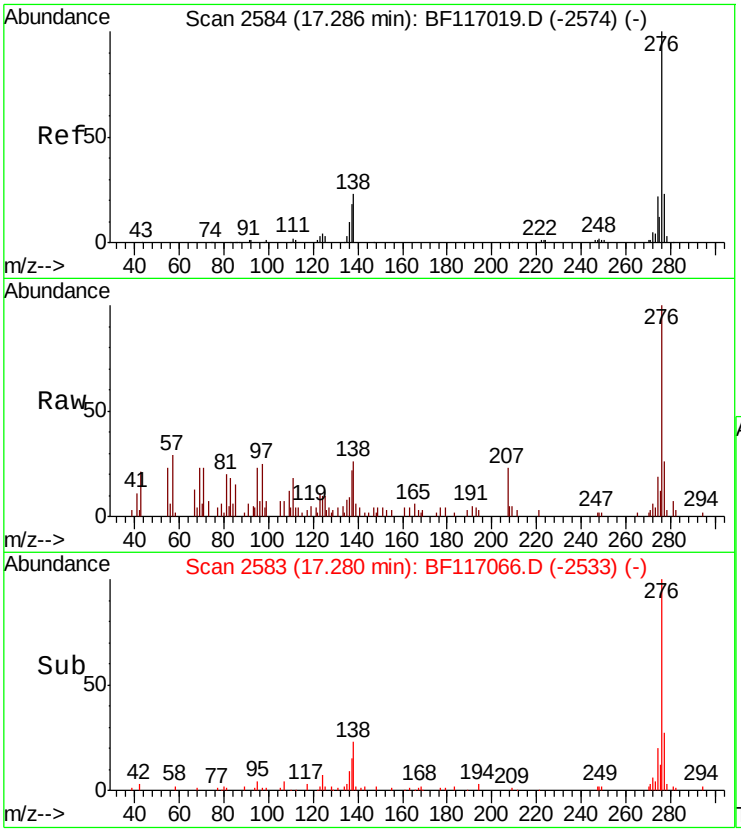


#90
Benzo(a)pyrene
Concen: 5.469 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Tgt Ion:252 Resp: 39668

Ion	Ratio	Lower	Upper
252	100		
253	26.1	16.6	25.0#
125	20.1	8.9	13.3#





#92
Benzo(g,h,i)perylene
Concen: 5.785 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BF117066.D
Acq: 16 Sep 2019 16:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 33309

Ion	Ratio	Lower	Upper
276	100		
277	26.1	18.6	27.8
138	25.7	18.0	27.0