Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112482.D
Acq On : 11 Feb 2019 15:55
Operator : JU/SJ
Sample : K1423-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 11 16:51:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	146486	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	572761	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	265892	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	445139	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	300076	20.00	ng		0.00
87) Perylene-d12	15.47	264	304271	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	768580	111.45	ng		-0.01
7) Phenol-d6	6.48	99	968927	101.11	ng		-0.01
23) Nitrobenzene-d5	7.40	82	620325	62.40	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	276512	89.34	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	1236614	65.78	ng		-0.02
79) Terphenyl-d14	12.94	244	949152	59.57	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	85428	12.928	ng	#	74
25) Isophorone	7.40	82	620320	39.779	ng	#	63
50) Dimethylphthalate	9.58	163	103718	5.021	ng		99
57) 2,4-Dinitrotoluene	9.87	165	35891	6.093	ng	#	33
67) 4-Bromophenyl-phenylether	10.66	248	16833	3.215	ng	#	1
69) Atrazine	11.17	200	14161	2.925	ng	#	34
70) Pentachlorophenol	11.17	266	70958	32.466	ng		97
71) Phenanthrene	11.38	178	211398	9.135	ng		96
75) Fluoranthene	12.57	202	355409	14.319	ng		96
78) Pyrene	12.80	202	297125	14.302	ng		96
81) Benzo(a)anthracene	13.99	228	120606	6.837	ng		98
83) Chrysene	14.03	228	116802	6.937	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	60779	4.555	ng		95
88) Benzo(b)fluoranthene	15.04	252	220627	12.124	ng		98
89) Benzo(k)fluoranthene	15.04	252	220627	12.658	ng		98
90) Benzo(a)pyrene	15.42	252	114842	7.014	ng		99
92) Benzo(g,h,i)perylene	17.41	276	60598	4.867	ng		96

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

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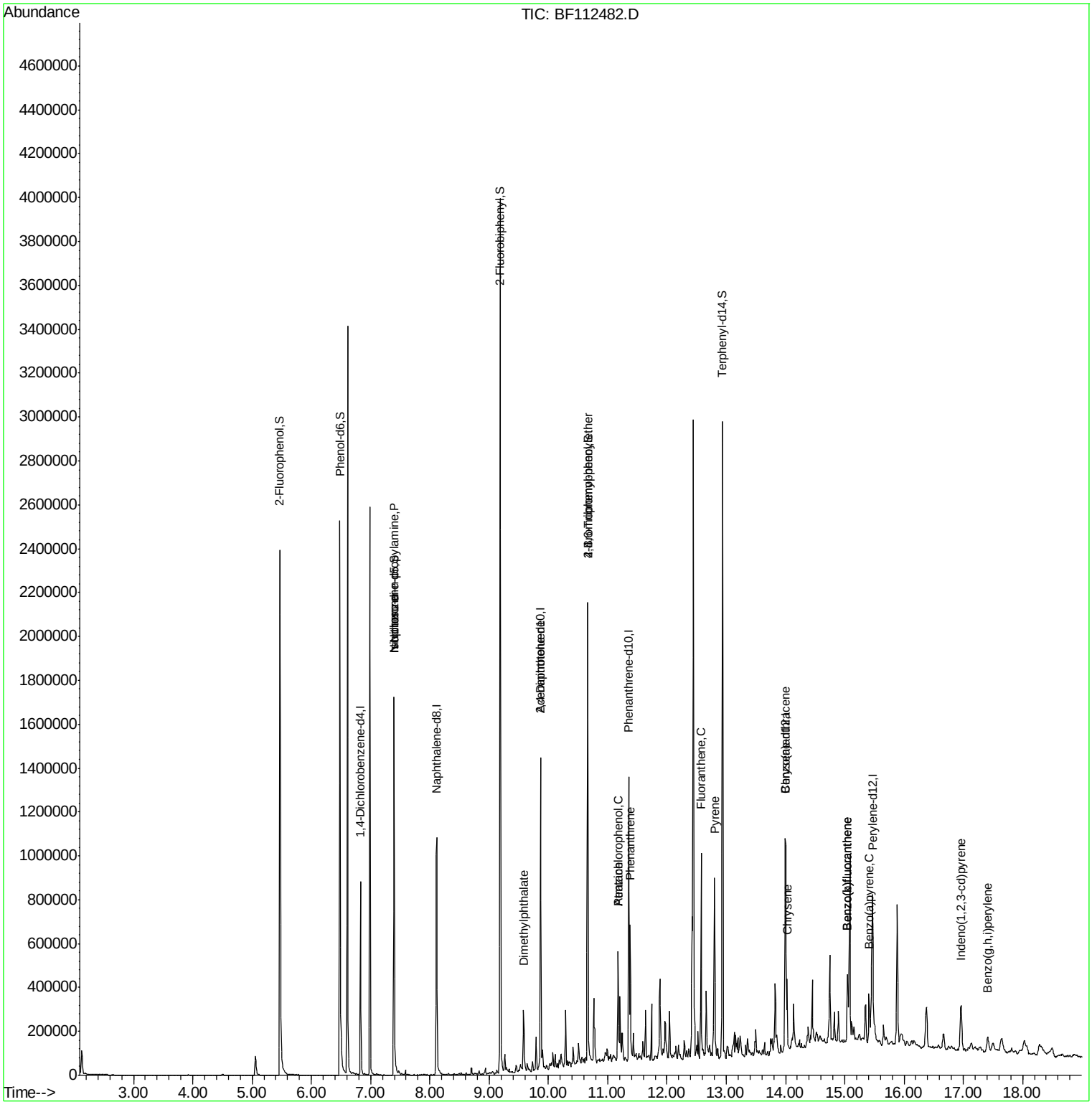
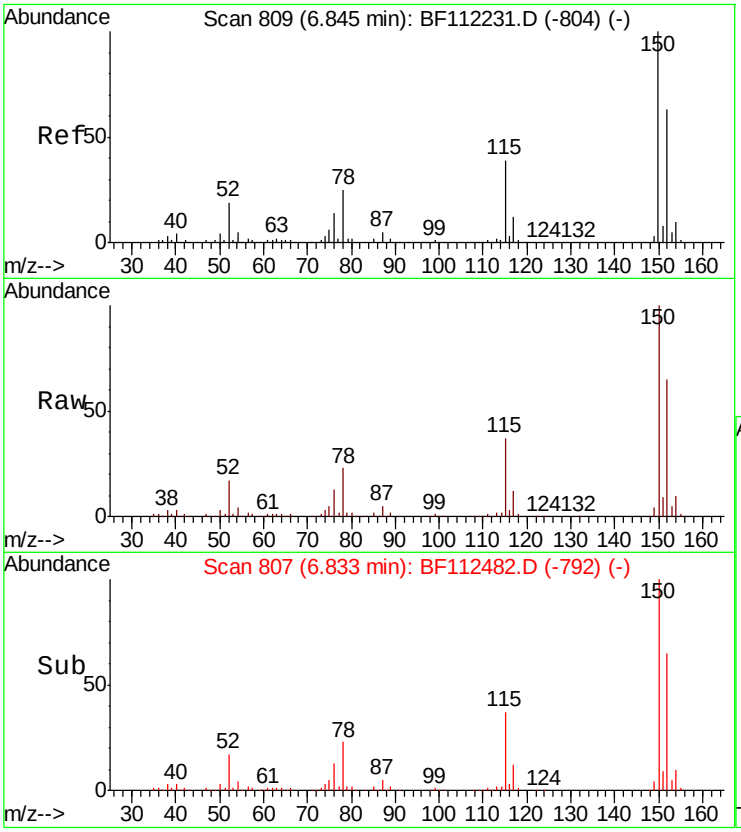


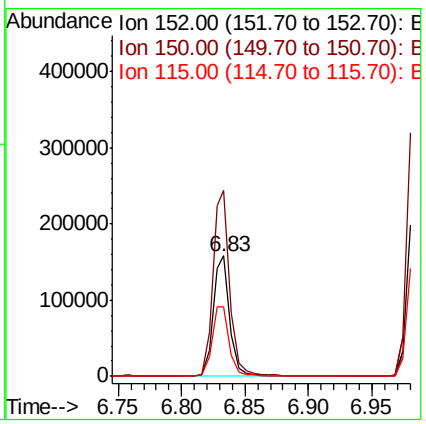


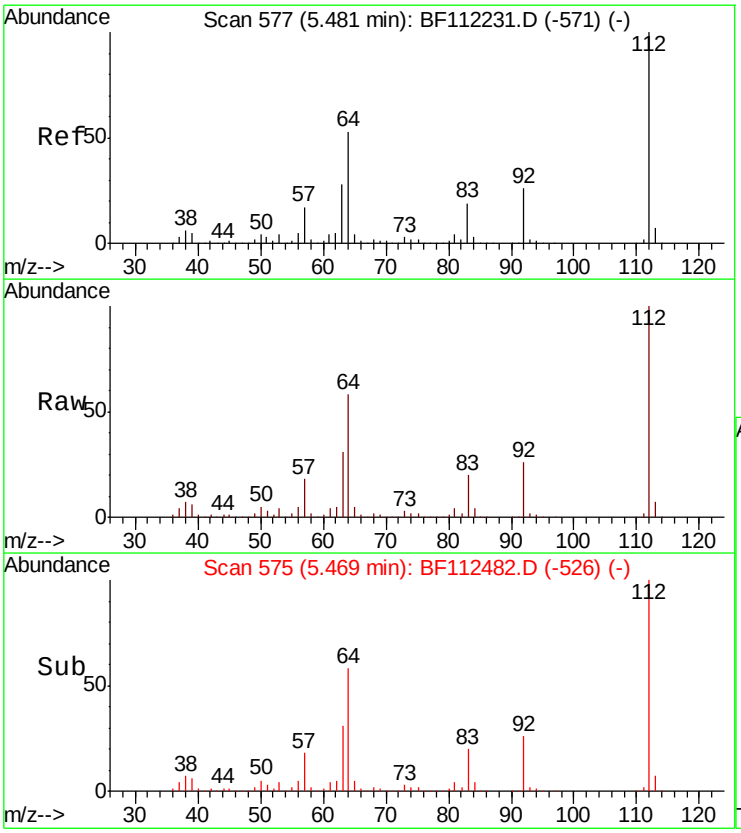
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 146486

Ion	Ratio	Lower	Upper
152	100		
150	154.3	127.4	191.0
115	57.3	45.5	68.3

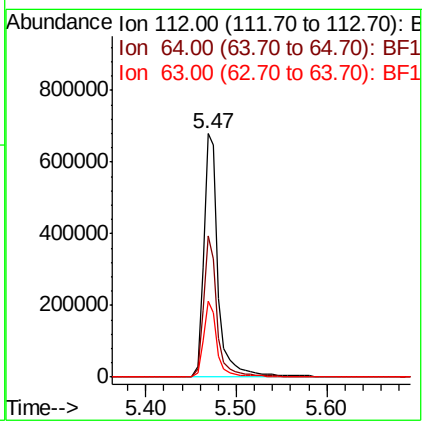


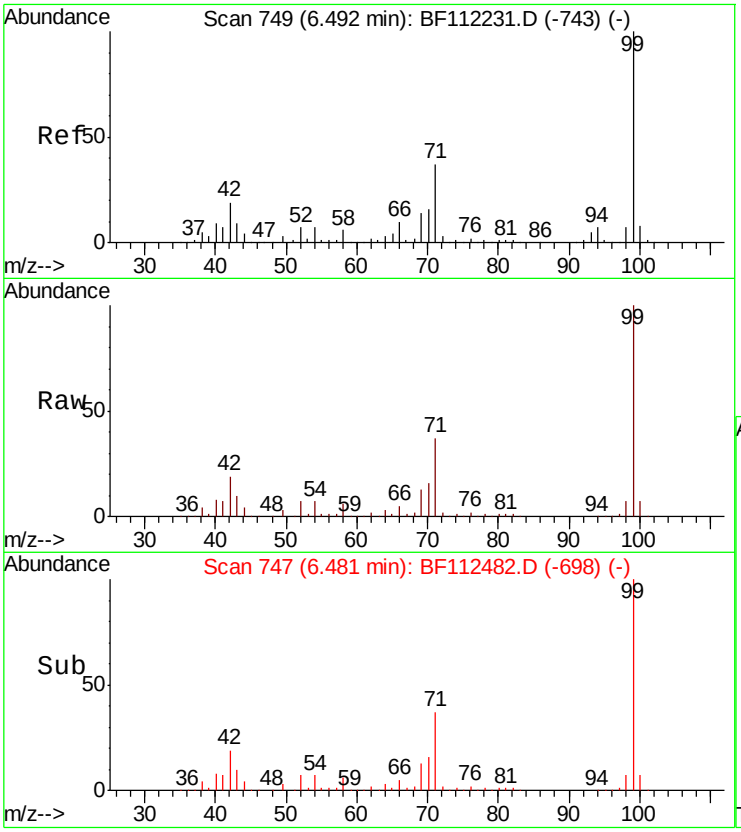


#5
2-Fluorophenol
Concen: 111.445 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Tgt Ion:112 Resp: 768580

Ion	Ratio	Lower	Upper
112	100		
64	57.8	45.7	68.5
63	31.4	23.6	35.4



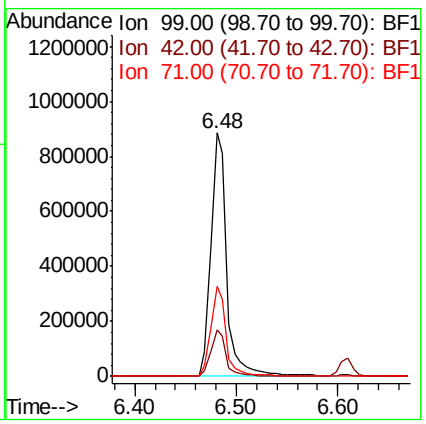


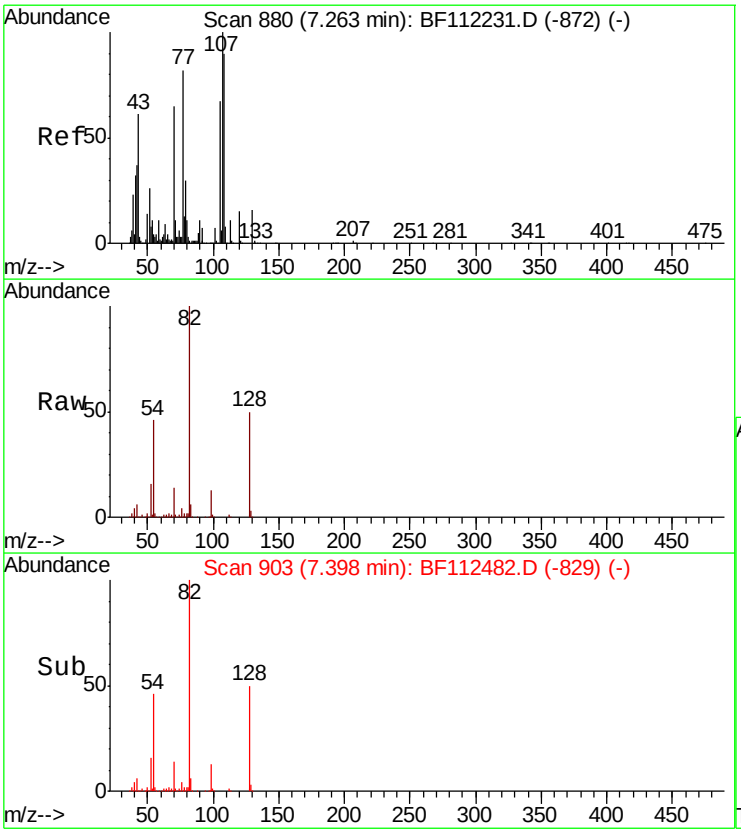
#7
Phenol-d6
Concen: 101.109 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 968927

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.1	22.7
71	37.1	26.9	40.3

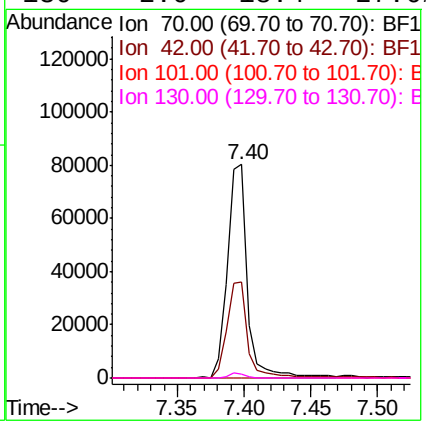


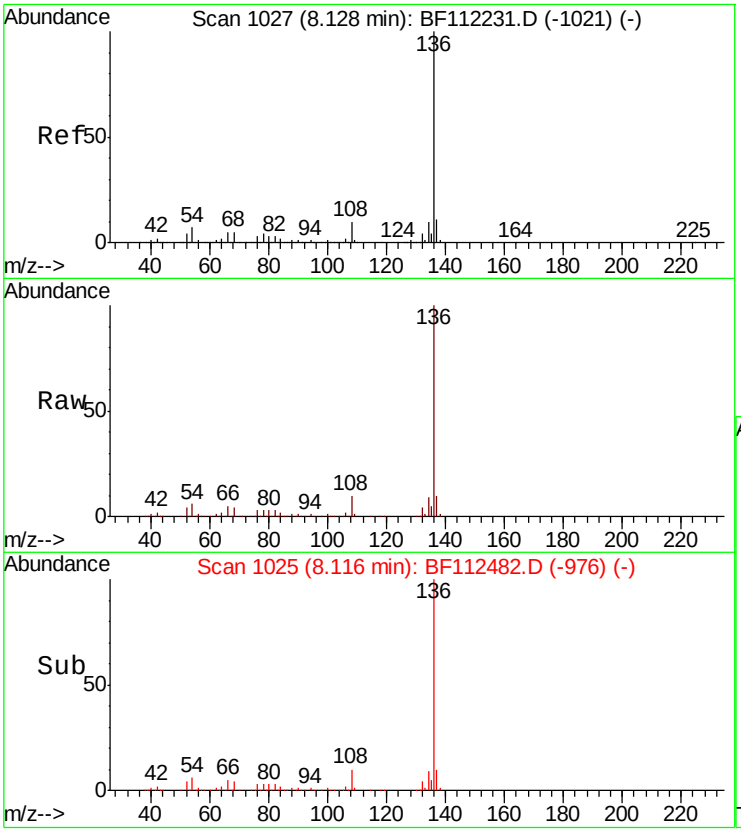


#19
n-Nitroso-di-n-propylamine
Concen: 12.928 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Tgt Ion: 70 Resp: 85428

Ion	Ratio	Lower	Upper
70	100		
42	44.7	47.6	71.4#
101	0.0	7.9	11.9#
130	2.0	18.4	27.6#



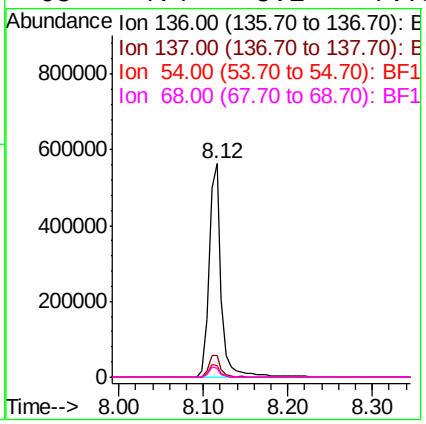


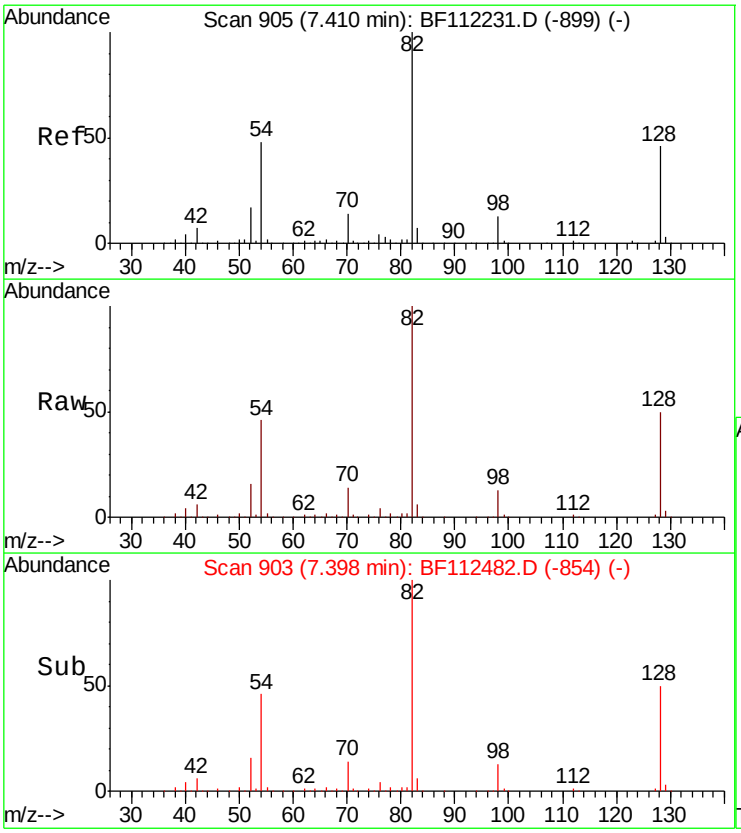
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 572761

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.6	5.9	8.9#
68	4.4	5.1	7.7#

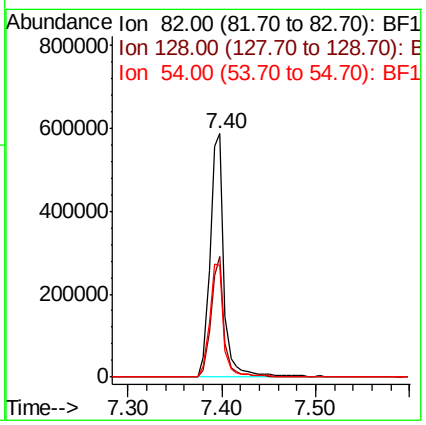


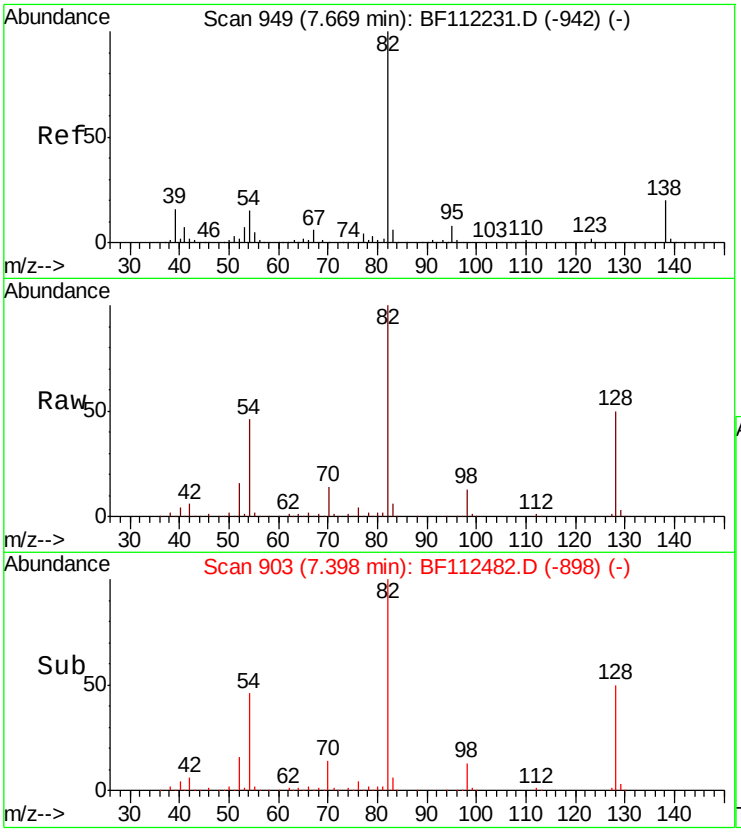


#23
Nitrobenzene-d5
Concen: 62.405 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Tgt Ion: 82 Resp: 620325

Ion	Ratio	Lower	Upper
82	100		
128	49.6	37.8	56.8
54	46.1	39.7	59.5



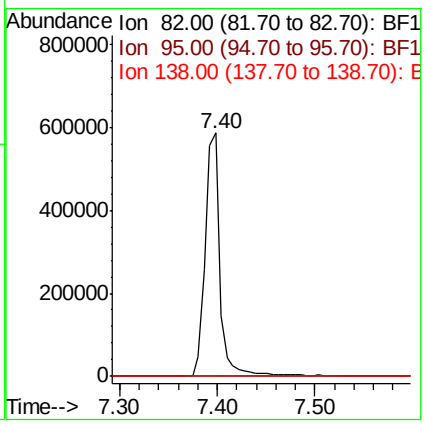


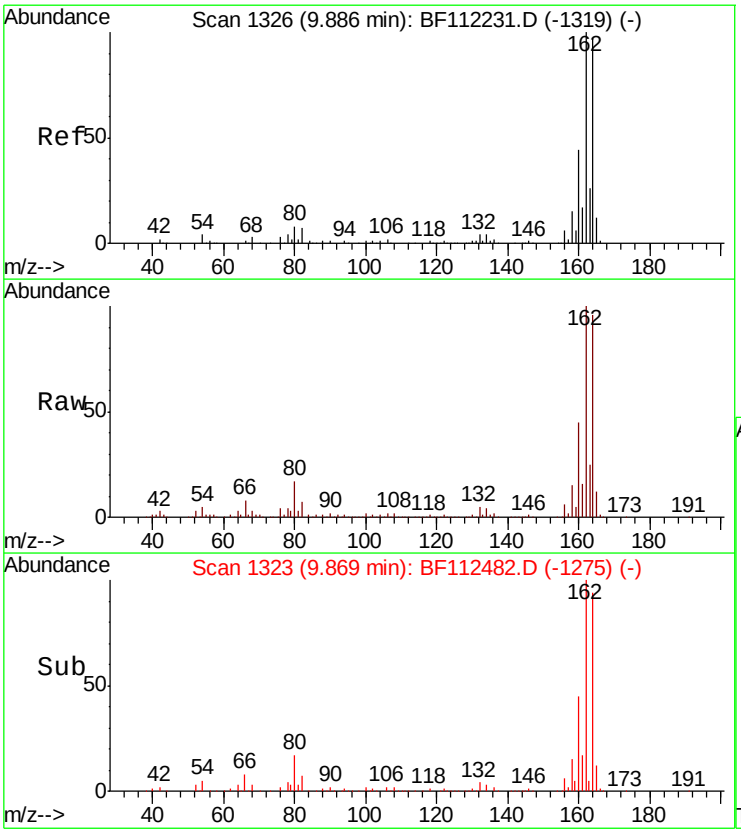
#25
Isophorone
Concen: 39.779 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 620320

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#

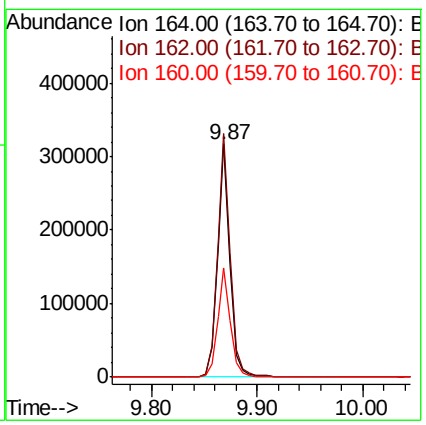


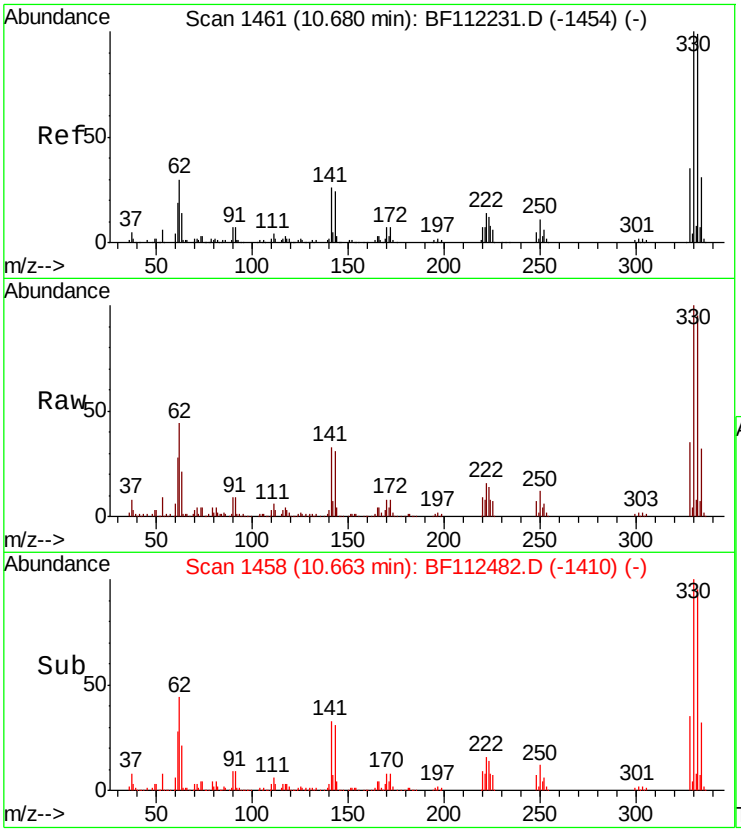


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Tgt Ion:164 Resp: 265892

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.2	123.4
160	46.8	36.2	54.4



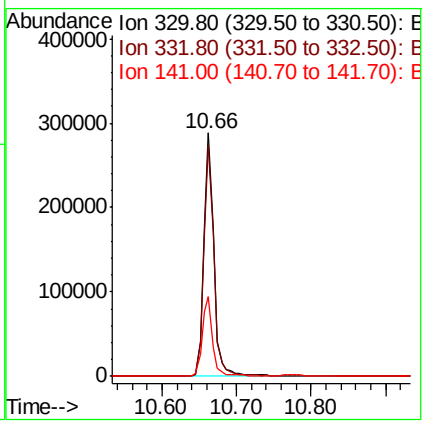


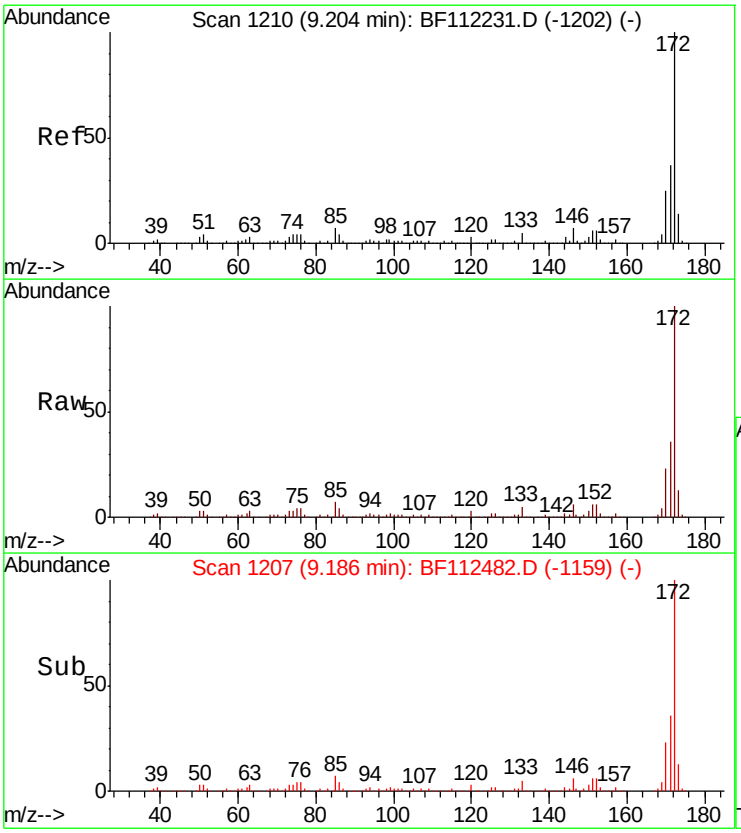
#42
2,4,6-Tribromophenol
Concen: 89.344 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 276512

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	114.8
141	32.9	24.3	36.5

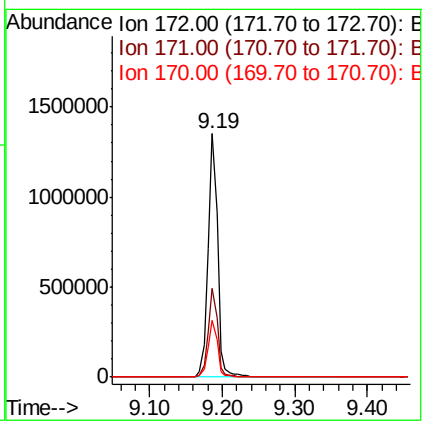


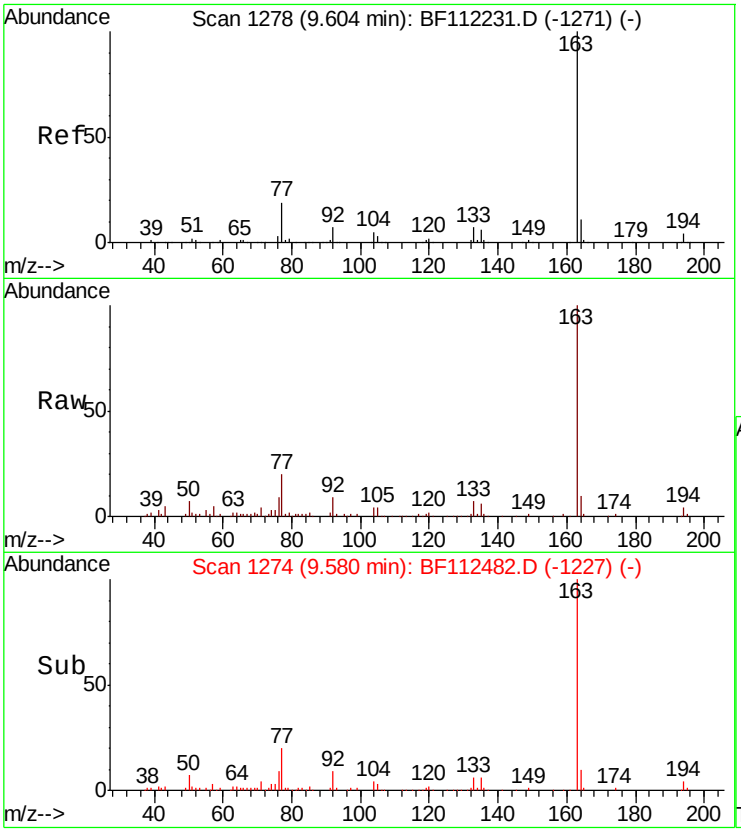


#45
2-Fluorobiphenyl
Concen: 65.778 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Tgt Ion:172 Resp: 1236614

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.5	45.7
170	23.5	20.2	30.4



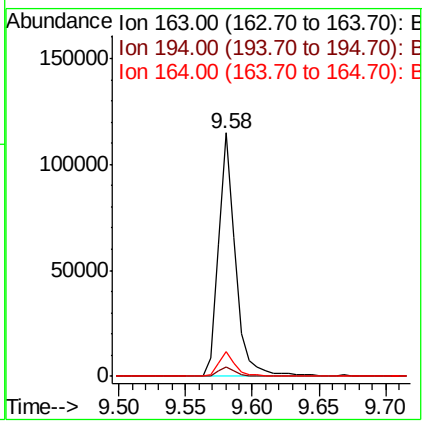


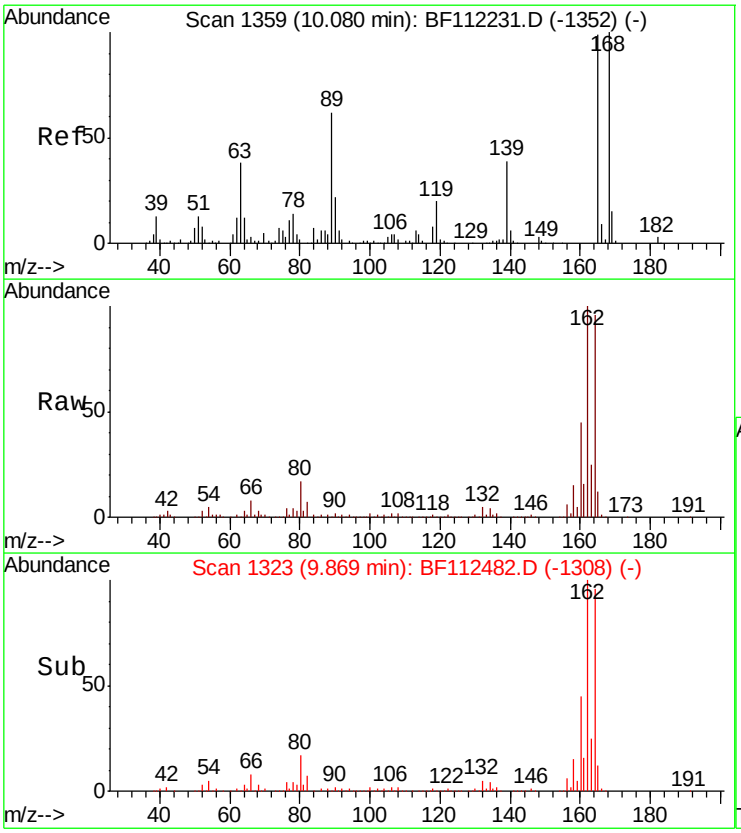
#50
Dimethylphthalate
Concen: 5.021 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 103718

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.3	8.5	12.7

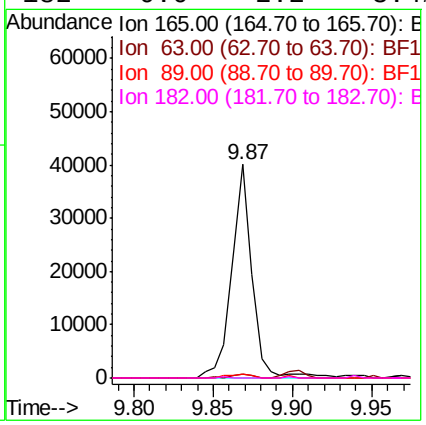


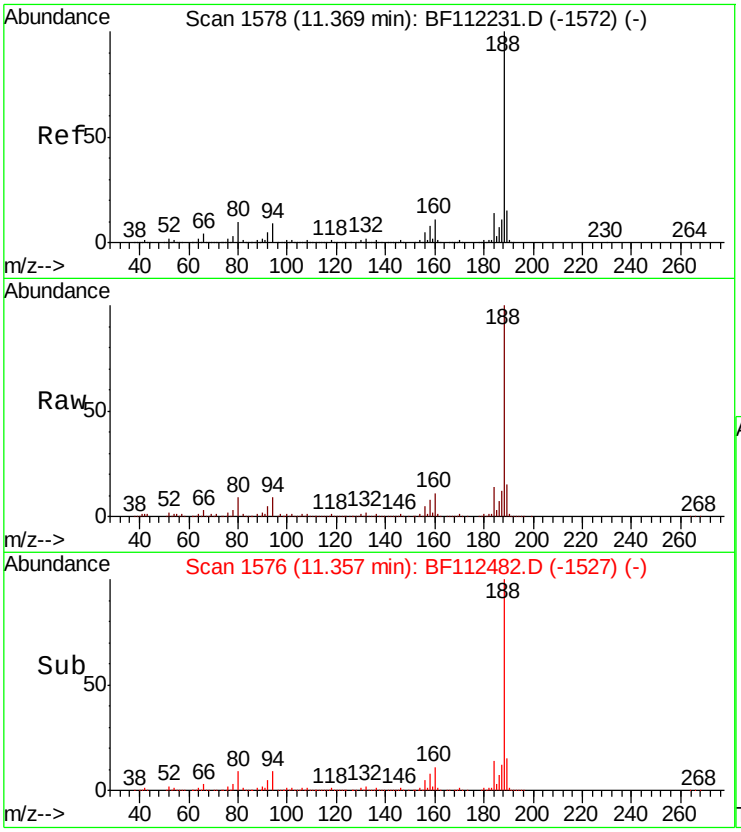


#57
2,4-Dinitrotoluene
Concen: 6.093 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Tgt Ion:165 Resp: 35891

Ion	Ratio	Lower	Upper
165	100		
63	2.1	27.9	41.9#
89	2.1	47.9	71.9#
182	0.0	2.2	3.4#



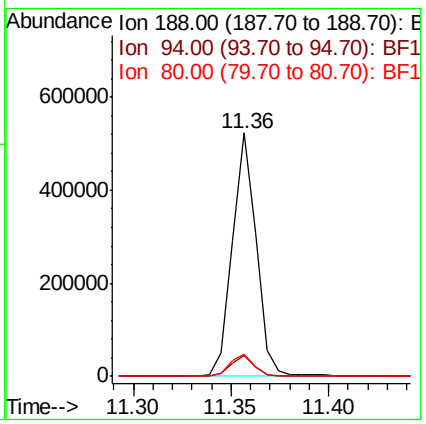


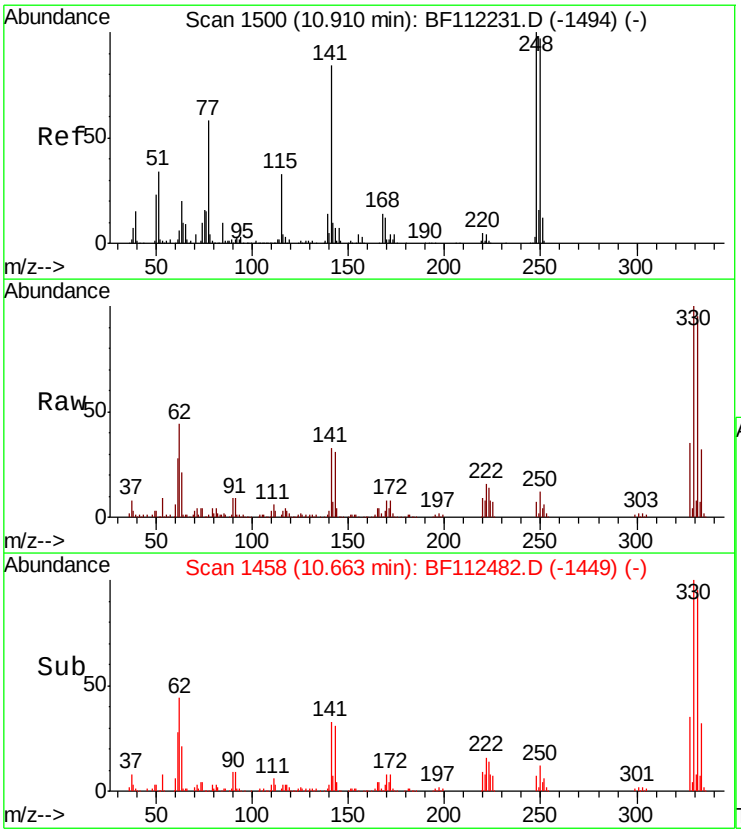
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 445139

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.3	8.9	13.3

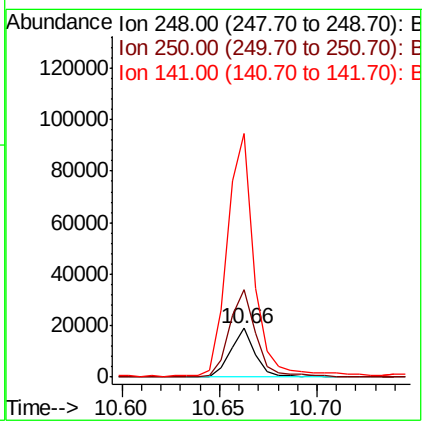


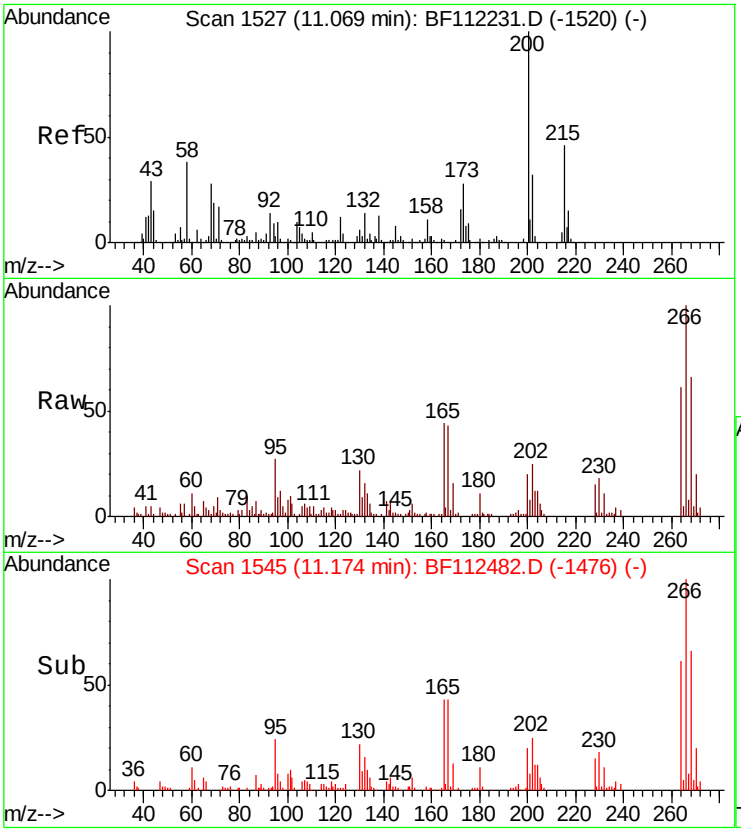


#67
4-Bromophenyl-phenylether
Concen: 3.215 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Tgt Ion:248 Resp: 16833

Ion	Ratio	Lower	Upper
248	100		
250	178.8	79.7	119.5#
141	497.3	60.3	90.5#



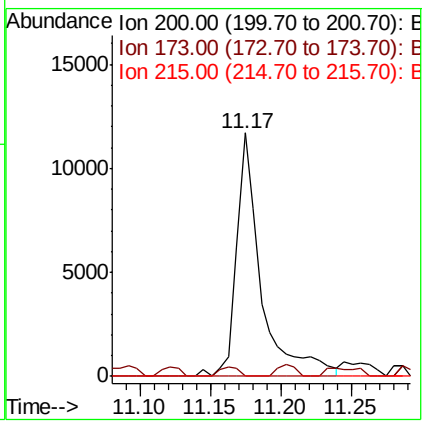


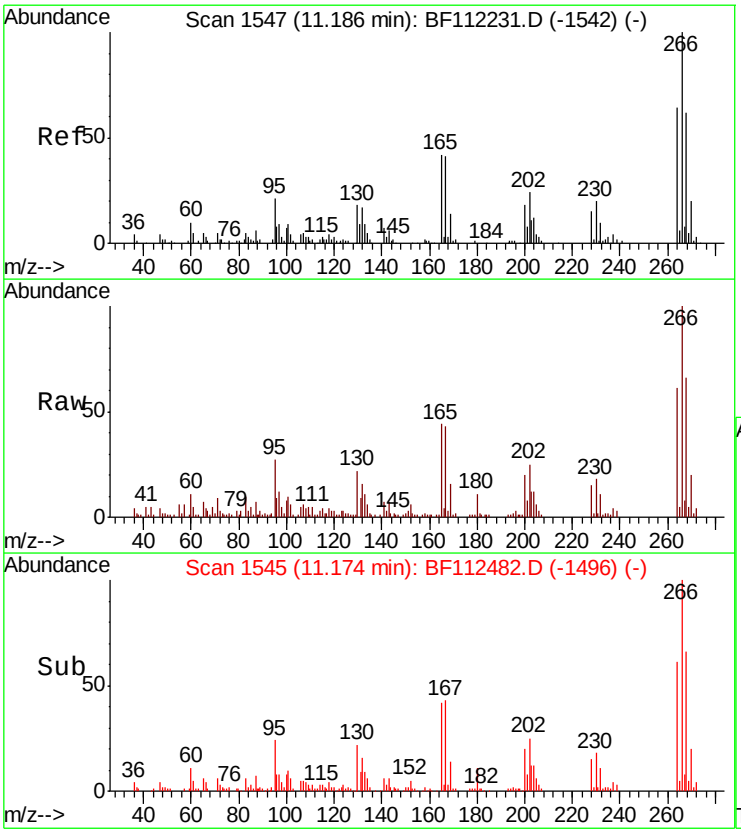
#69
Atrazine
Concen: 2.925 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.11 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:200 Resp: 14161

Ion	Ratio	Lower	Upper
200	100		
173	0.0	7.1	47.1#
215	0.0	30.4	70.4#

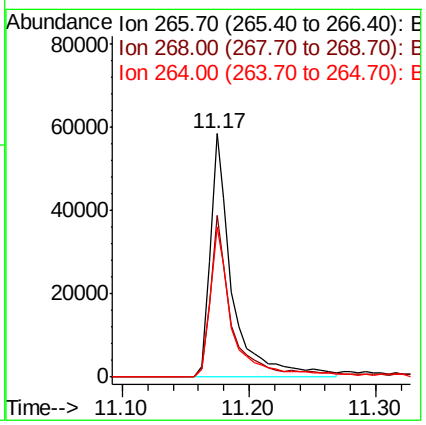


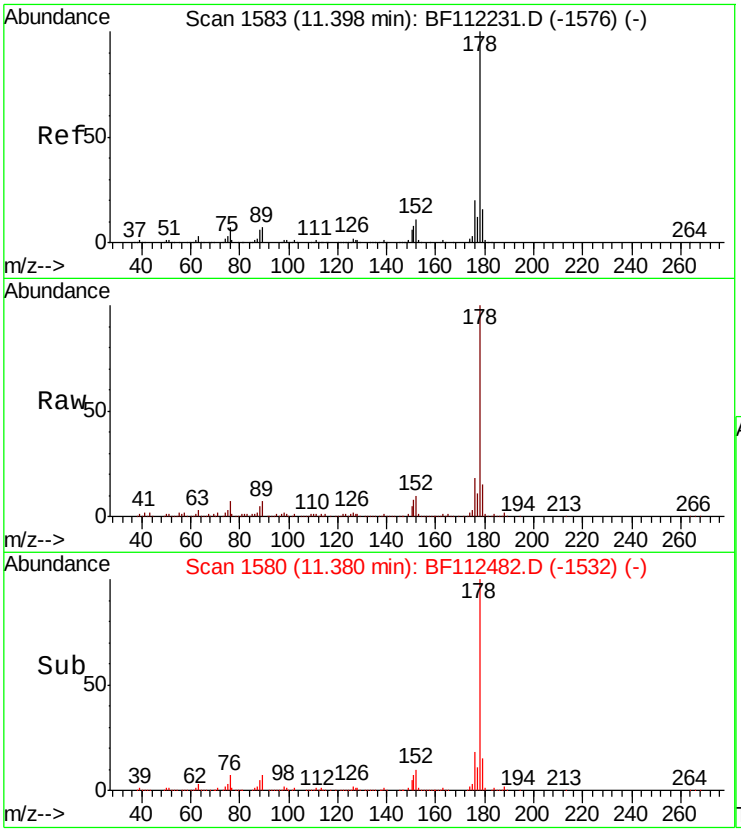


#70
Pentachlorophenol
Concen: 32.466 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Tgt Ion:266 Resp: 70958

Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.2	76.8
264	61.4	50.9	76.3



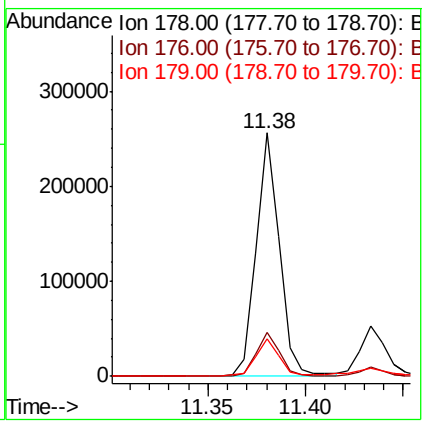


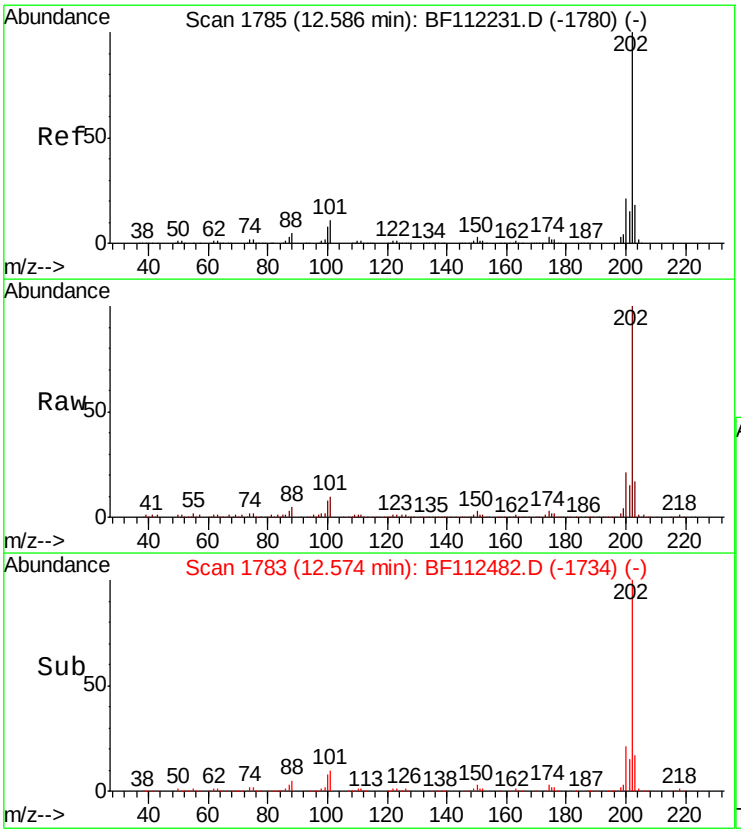
#71
Phenanthrene
Concen: 9.135 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 211398

Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.3	24.5
179	15.3	13.0	19.4

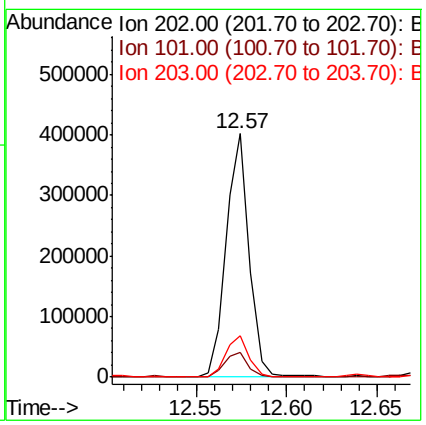


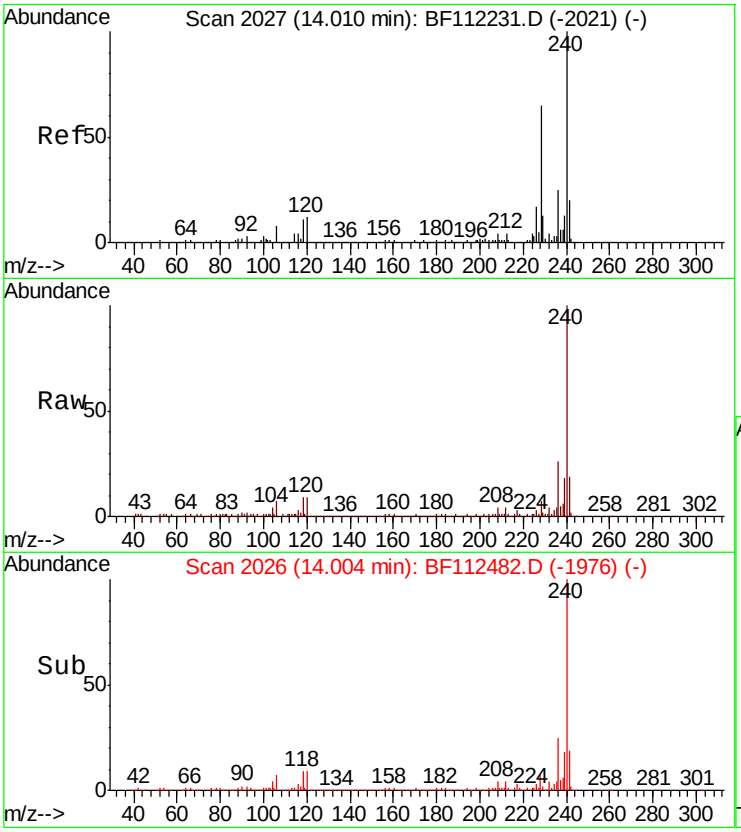


#75
Fluoranthene
Concen: 14.319 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Tgt Ion:202 Resp: 355409

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.8
203	16.9	0.0	38.4



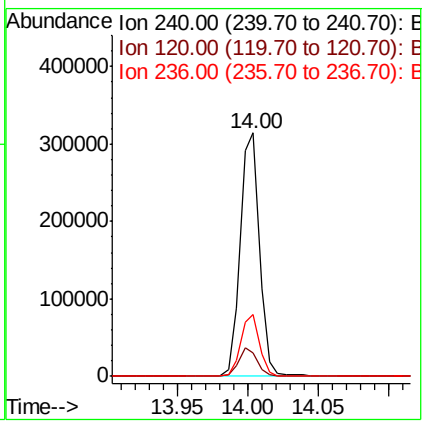


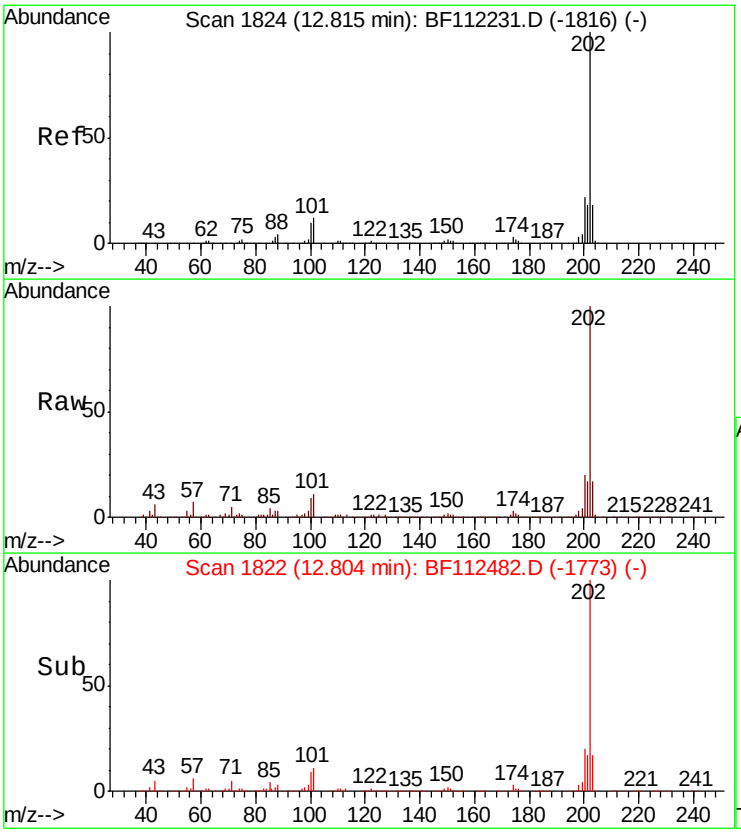
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 300076

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.0	13.6
236	25.6	20.7	31.1

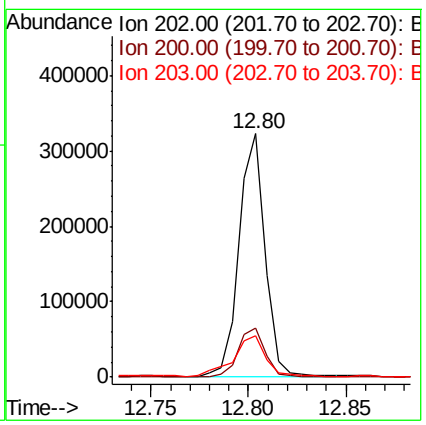


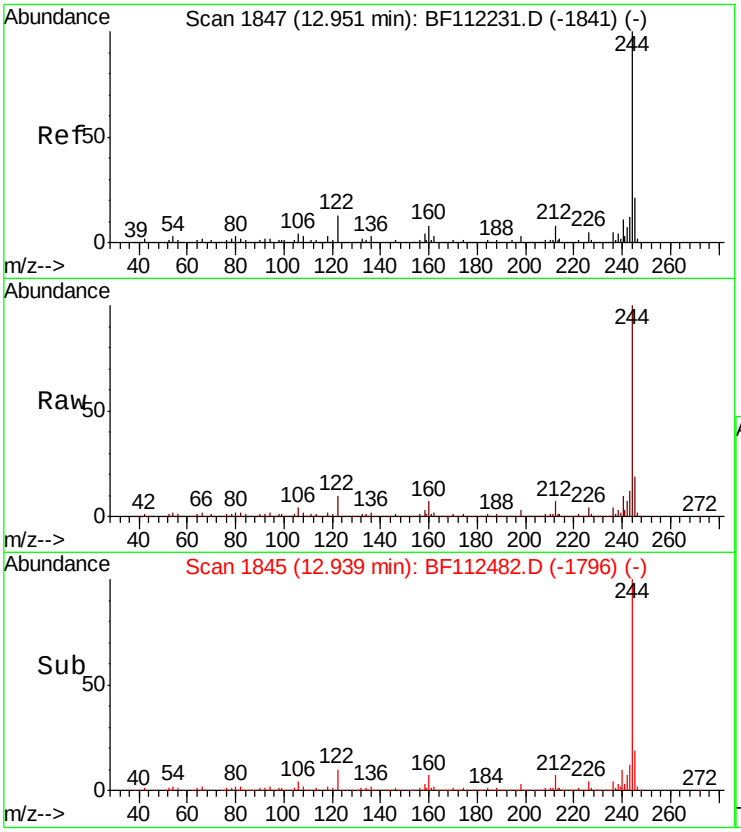


#78
Pyrene
Concen: 14.302 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Tgt Ion:202 Resp: 297125

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.7	26.5
203	16.9	14.6	22.0



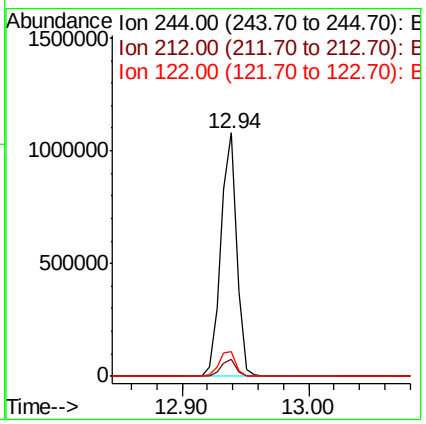


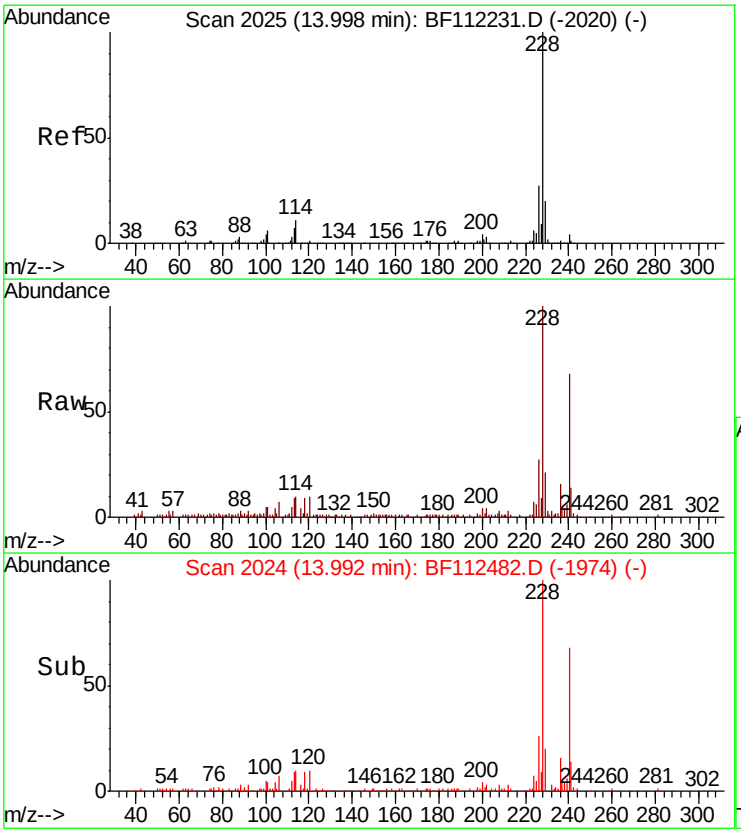
#79
Terphenyl-d14
Concen: 59.574 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 949152

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	10.2	9.8	14.6

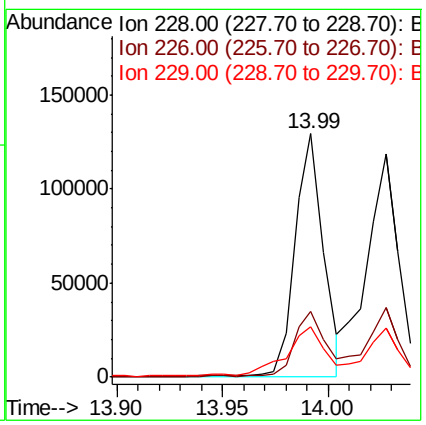


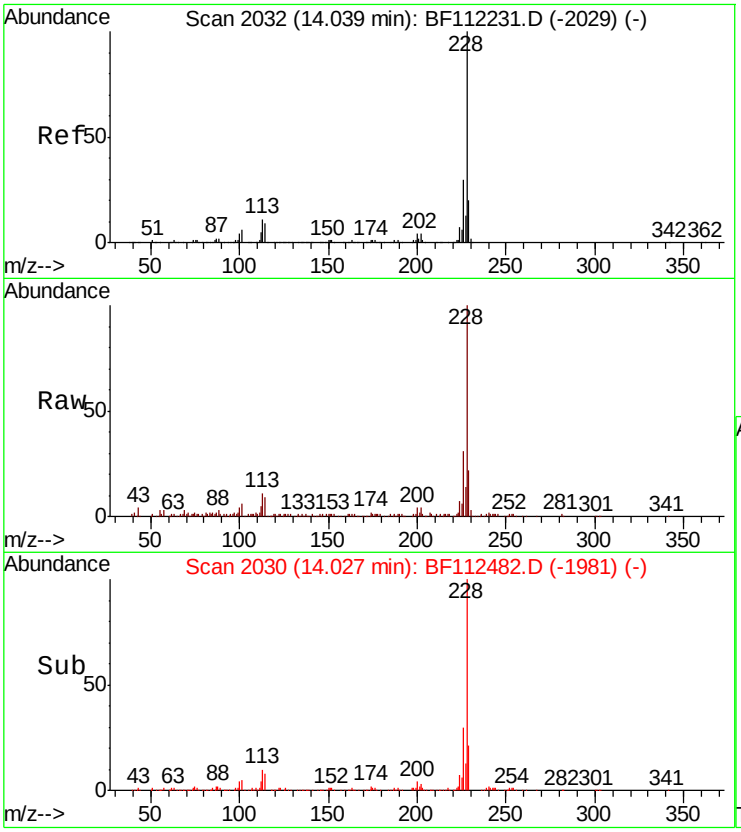


#81
Benzo(a)anthracene
Concen: 6.837 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Tgt Ion:228 Resp: 120606

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	34.0
229	20.6	16.5	24.7



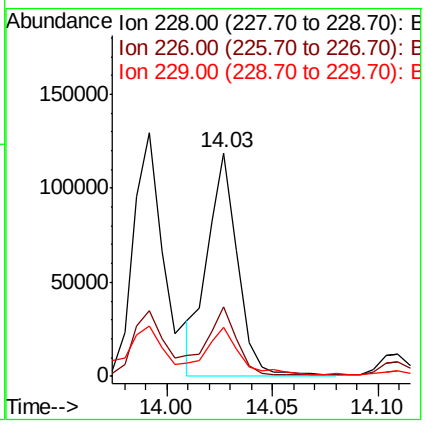


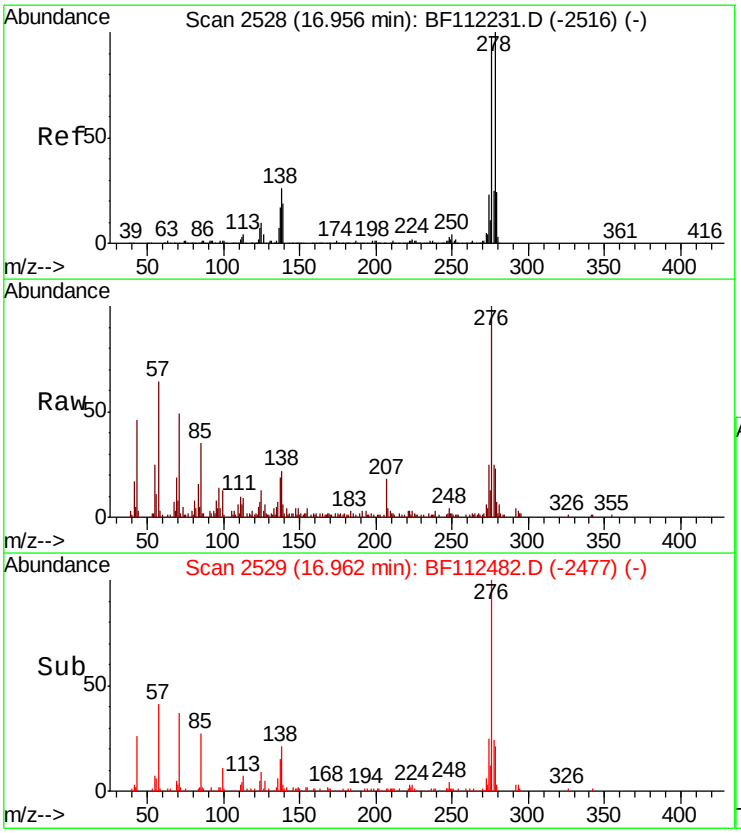
#83
Chrysene
Concen: 6.937 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 116802

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	22.0	16.6	24.8

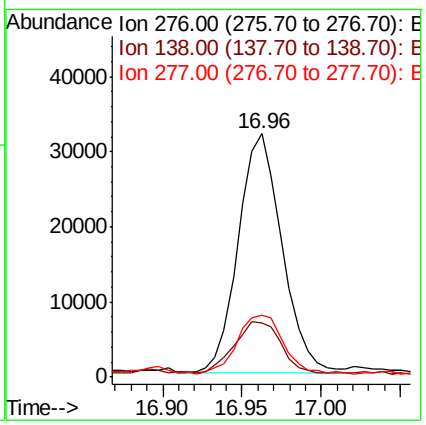


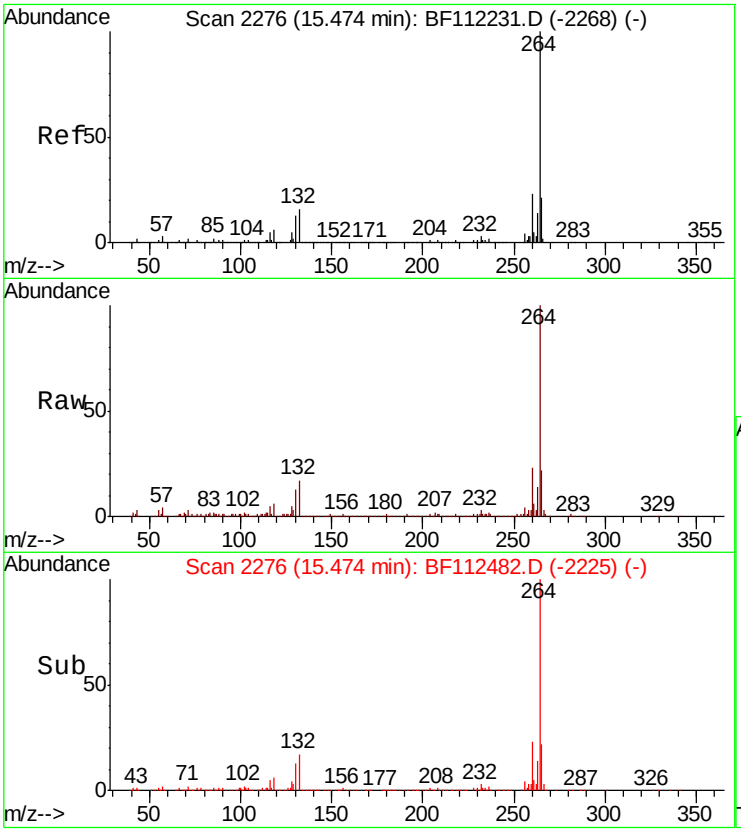


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.555 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Tgt Ion:276 Resp: 60779

Ion	Ratio	Lower	Upper
276	100		
138	24.2	22.6	34.0
277	26.3	20.3	30.5



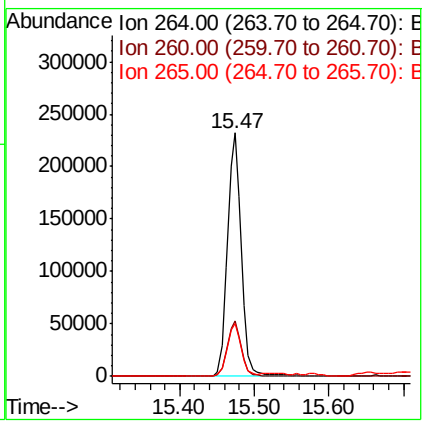


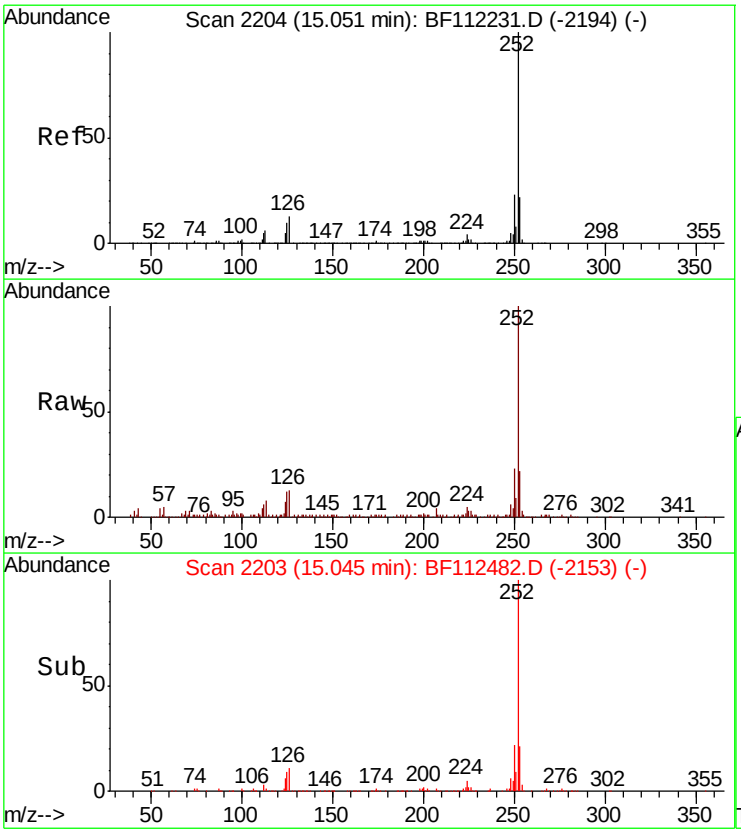
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 304271

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	21.9	17.0	25.4

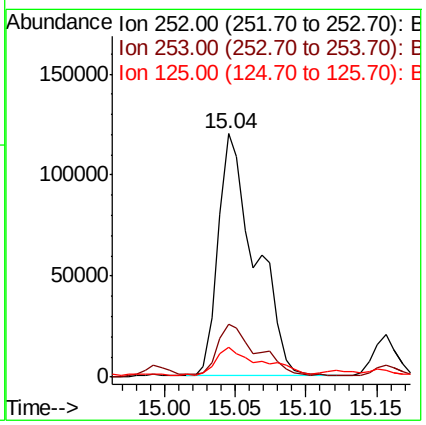


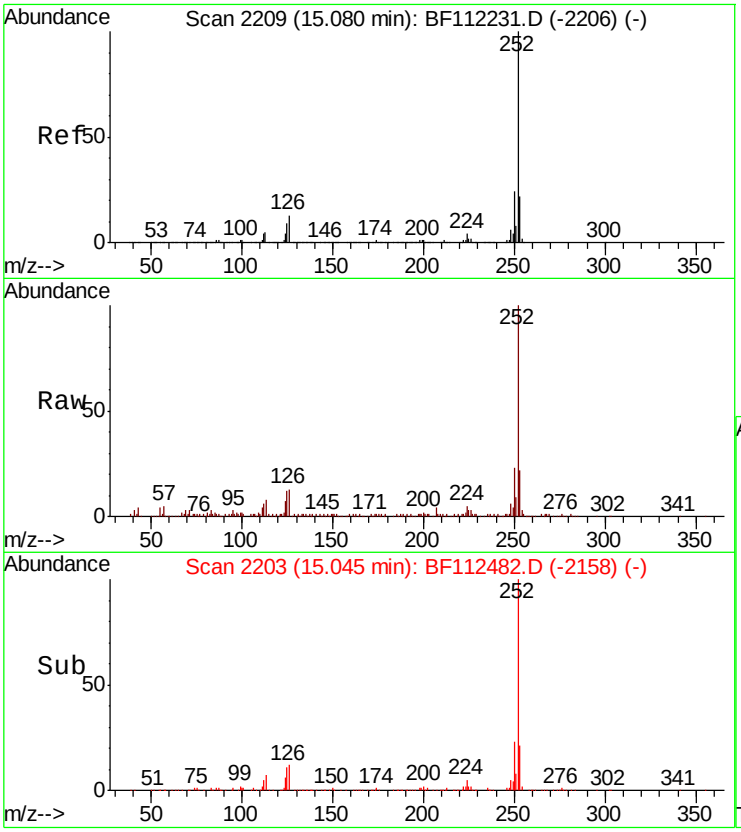


#88
Benzo(b)fluoranthene
Concen: 12.124 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Tgt Ion:252 Resp: 220627

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	12.3	8.7	13.1



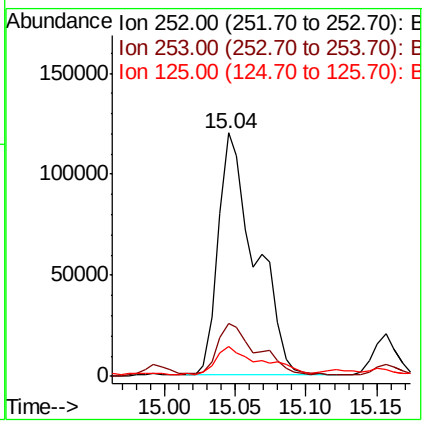


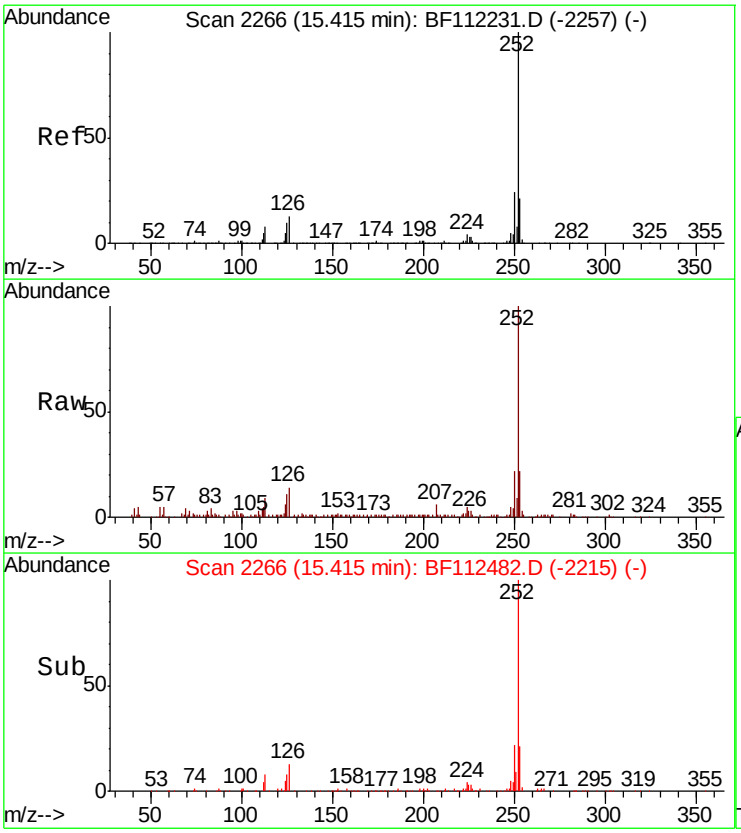
#89
Benzo(k)fluoranthene
Concen: 12.658 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 220627

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	12.3	9.1	13.7

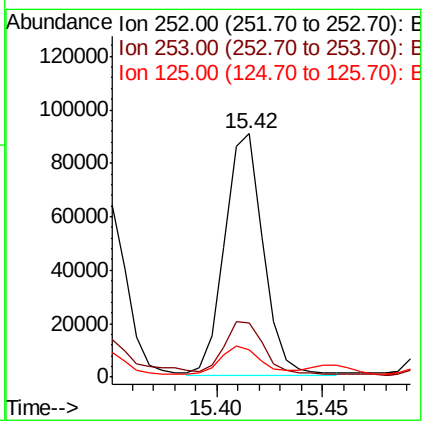


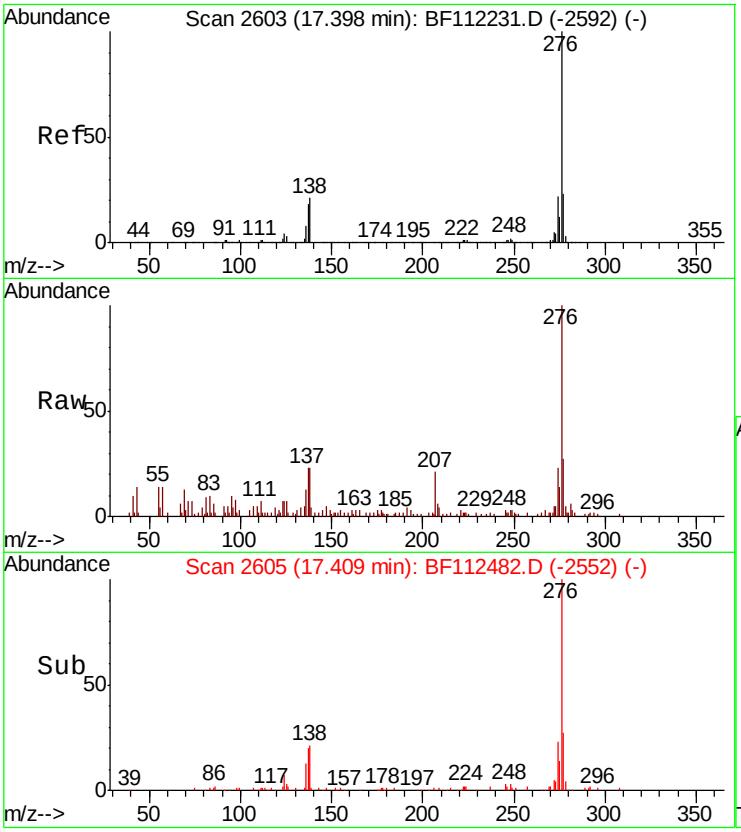


#90
Benzo(a)pyrene
Concen: 7.014 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Tgt Ion:252 Resp: 114842

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	11.1	9.0	13.4





#92
Benzo(g,h,i)perylene
Concen: 4.867 ng
RT: 17.41 min Scan# 2605
Delta R.T. 0.01 min
Lab File: BF112482.D
Acq: 11 Feb 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 60598

Ion	Ratio	Lower	Upper
276	100		
277	27.1	19.4	29.0
138	23.0	19.1	28.7