Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110819\
Data File : BF117749.D
Acq On : 8 Nov 2019 23:25
Operator : JU
Sample : K5668-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-110619

Quant Time: Nov 09 01:27:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	368731	20.00	ng		-0.01
21) Naphthalene-d8	8.22	136	1446158	20.00	ng		-0.01
39) Acenaphthene-d10	9.97	164	779329	20.00	ng		-0.01
64) Phenanthrene-d10	11.47	188	1376624	20.00	ng		0.00
76) Chrysene-d12	14.12	240	777401	20.00	ng		-0.01
87) Perylene-d12	15.63	264	874745	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1056415	51.86	ng		-0.01
7) Phenol-d6	6.54	99	1353271	53.88	ng		-0.02
23) Nitrobenzene-d5	7.49	82	814229	33.24	ng		-0.02
42) 2,4,6-Tribromophenol	10.76	330	384843	50.48	ng		-0.01
45) 2-Fluorobiphenyl	9.29	172	1554969	39.37	ng		-0.01
79) Terphenyl-d14	13.06	244	1478890	39.16	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.55	94	62925	2.325	ng		95
19) n-Nitroso-di-n-propylamine	7.49	70	110397	6.685	ng	#	76
25) Isophorone	7.49	82	810810	17.307	ng	#	62
50) Dimethylphthalate	9.69	163	190890	3.623	ng		98
51) 2,6-Dinitrotoluene	9.97	165	102046	8.650	ng	#	24
57) 2,4-Dinitrotoluene	9.97	165	102426	6.768	ng	#	28
71) Phenanthrene	11.49	178	283450	4.296	ng		94
75) Fluoranthene	12.69	202	549093	8.150	ng		93
78) Pyrene	12.92	202	497496	8.767	ng		96
81) Benzo(a)anthracene	14.10	228	294589	6.088	ng		99
83) Chrysene	14.14	228	231140	4.837	ng		98
86) Indeno(1,2,3-cd)pyrene	17.15	276	124003	2.788	ng		98
88) Benzo(b)fluoranthene	15.17	252	448441	8.140	ng	#	97
89) Benzo(k)fluoranthene	15.17	252	448441	9.126	ng		95
90) Benzo(a)pyrene	15.56	252	237777	4.979	ng		96
92) Benzo(g,h,i)perylene	17.62	276	110564	2.664	ng		98

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

Quantitation Report (Not Reviewed)

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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:27:10 2019
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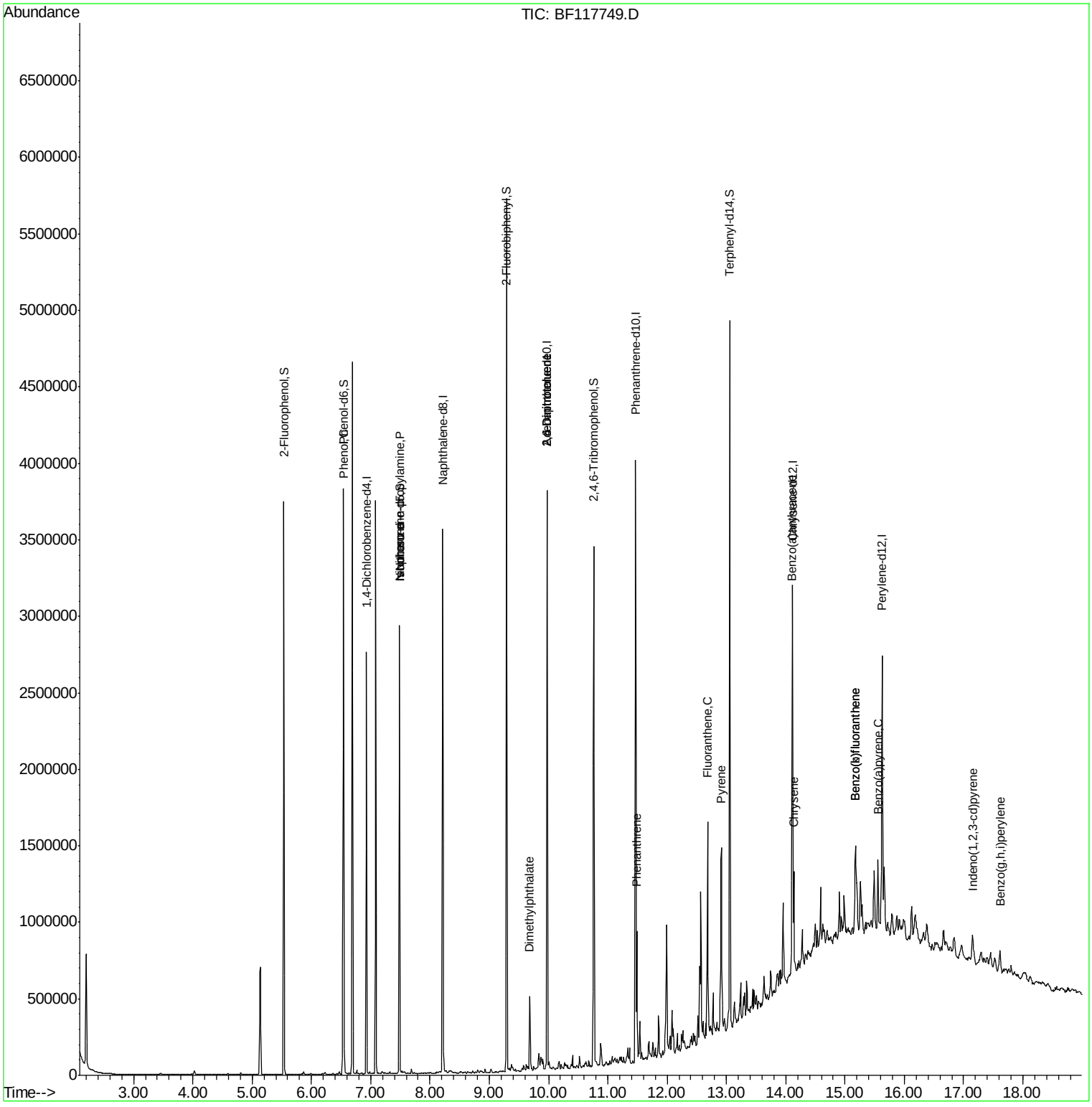
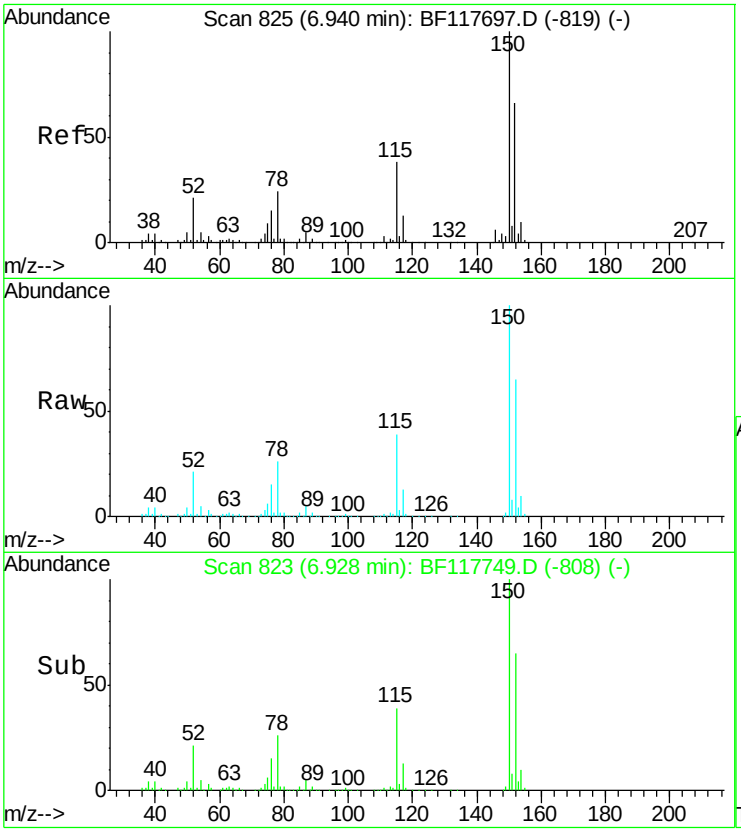


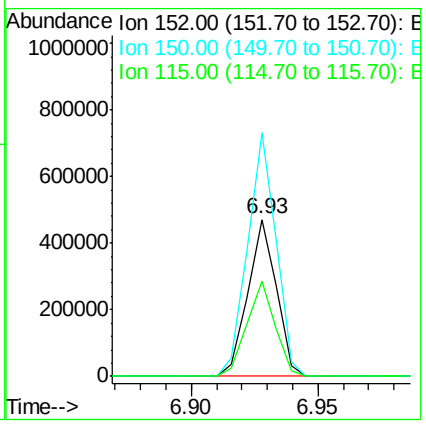


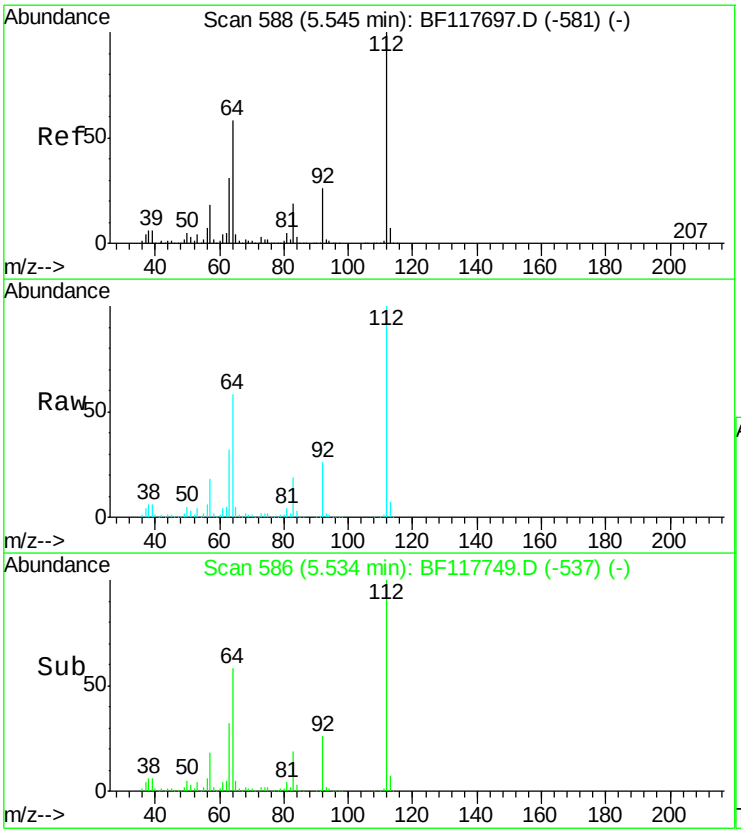
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Instrument :
BNA_F
ClientSampleId :
HD-01-110619

Tgt Ion:152 Resp: 368731

Ion	Ratio	Lower	Upper
152	100		
150	155.0	121.4	182.2
115	60.6	46.7	70.1

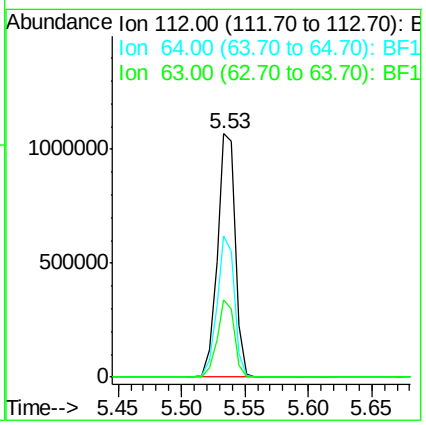


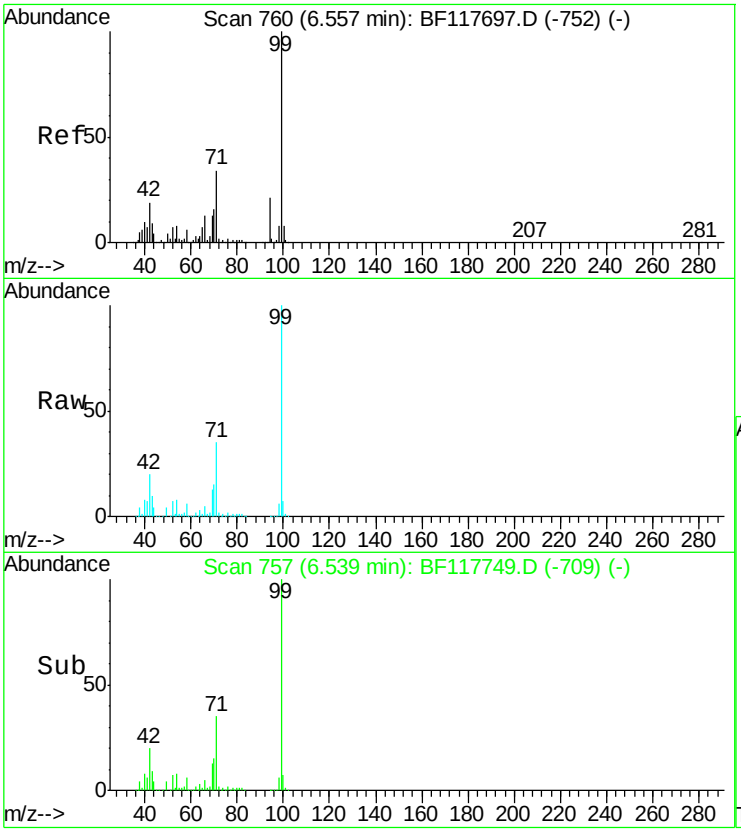


#5
2-Fluorophenol
Concen: 51.861 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Tgt Ion:112 Resp: 1056415

Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.4	69.6
63	31.5	24.6	37.0



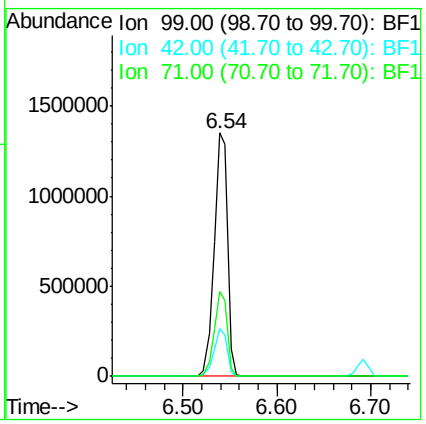


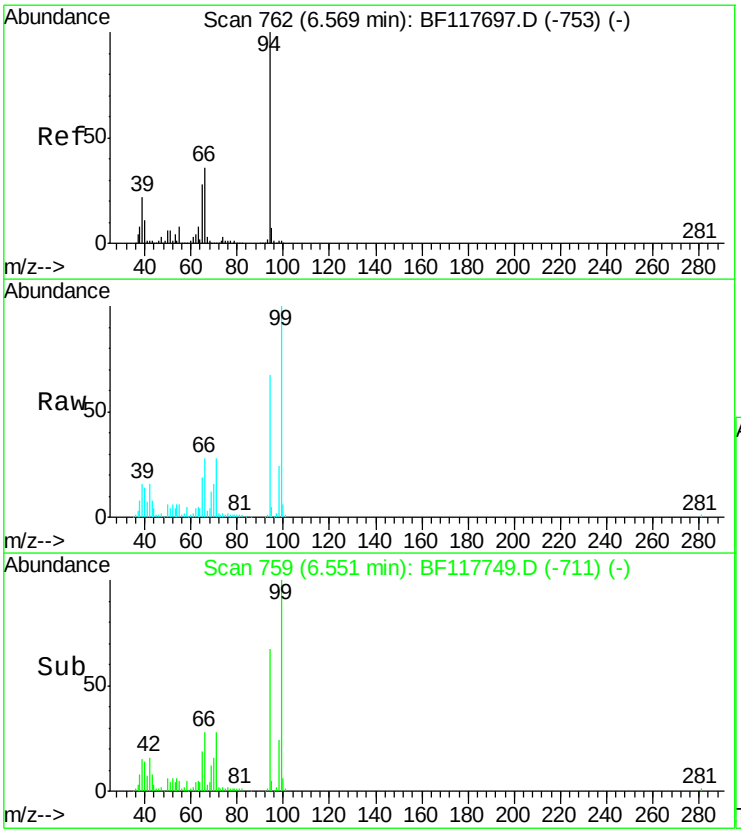
#7
Phenol-d6
Concen: 53.879 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Instrument :
BNA_F
ClientSampleId :
HD-01-110619

Tgt Ion: 99 Resp: 1353271

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.3	22.9
71	35.1	26.8	40.2

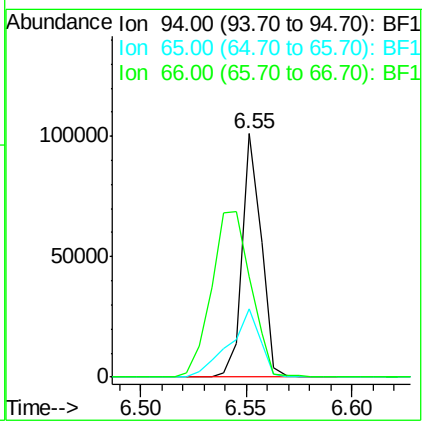


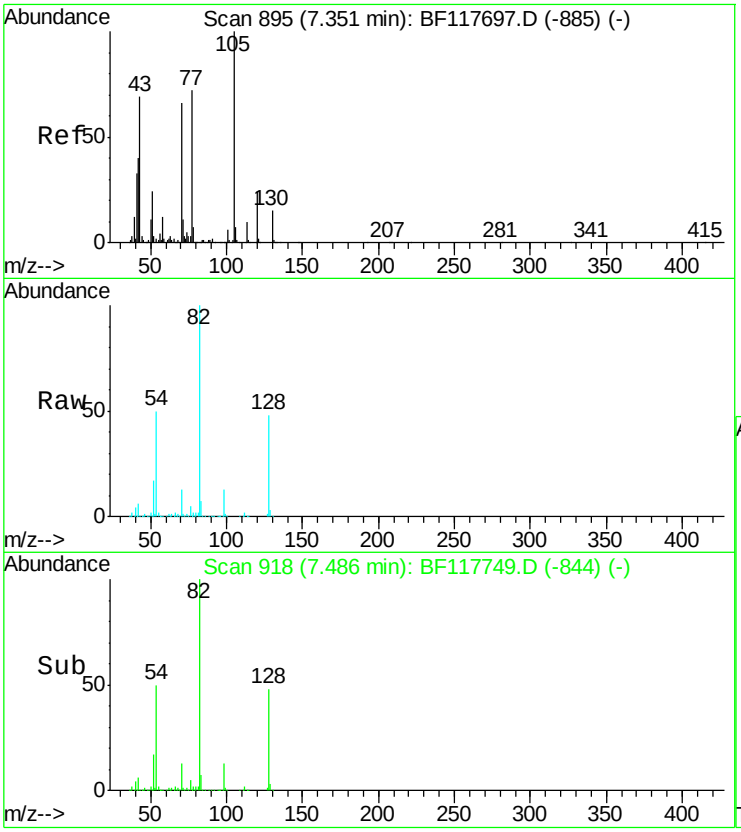


#10
Phenol
Concen: 2.325 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Tgt Ion: 94 Resp: 62925

Ion	Ratio	Lower	Upper
94	100		
65	28.0	7.6	47.6
66	41.2	16.1	56.1



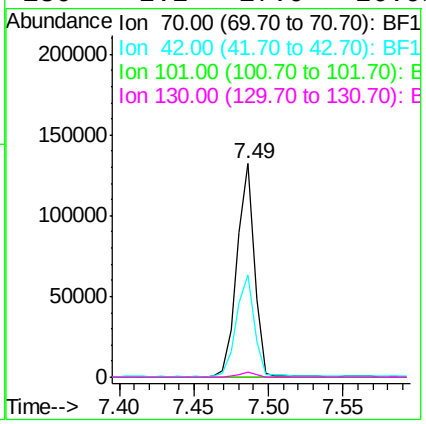


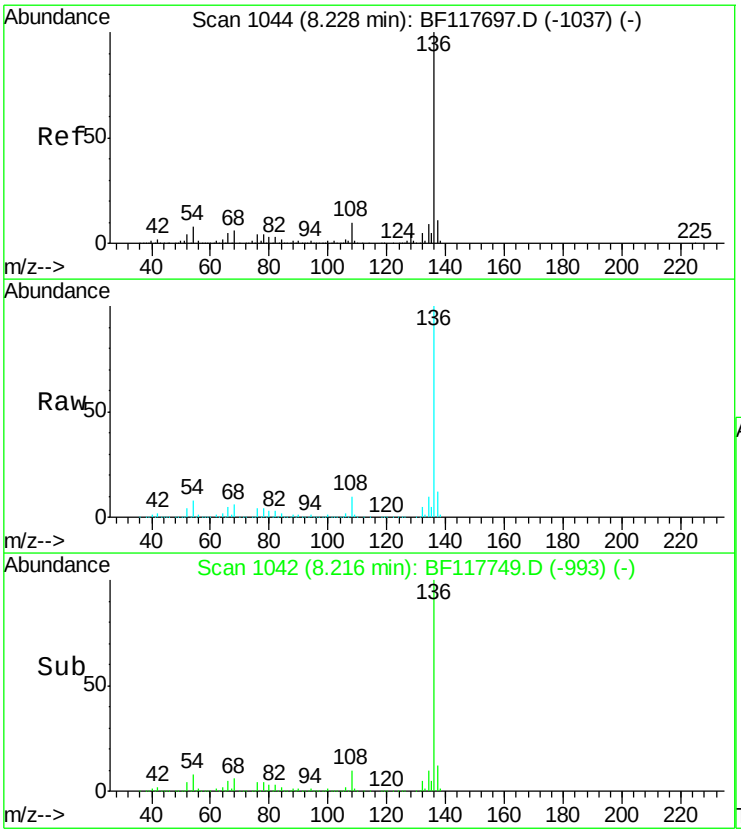
#19
n-Nitroso-di-n-propylamine
Concen: 6.685 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.14 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Instrument :
BNA_F
ClientSampleId :
HD-01-110619

Tgt Ion: 70 Resp: 110397

Ion	Ratio	Lower	Upper
70	100		
42	48.1	49.1	73.7#
101	0.0	7.8	11.8#
130	2.2	17.9	26.9#

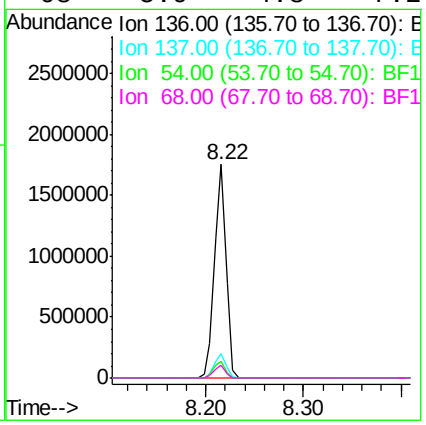


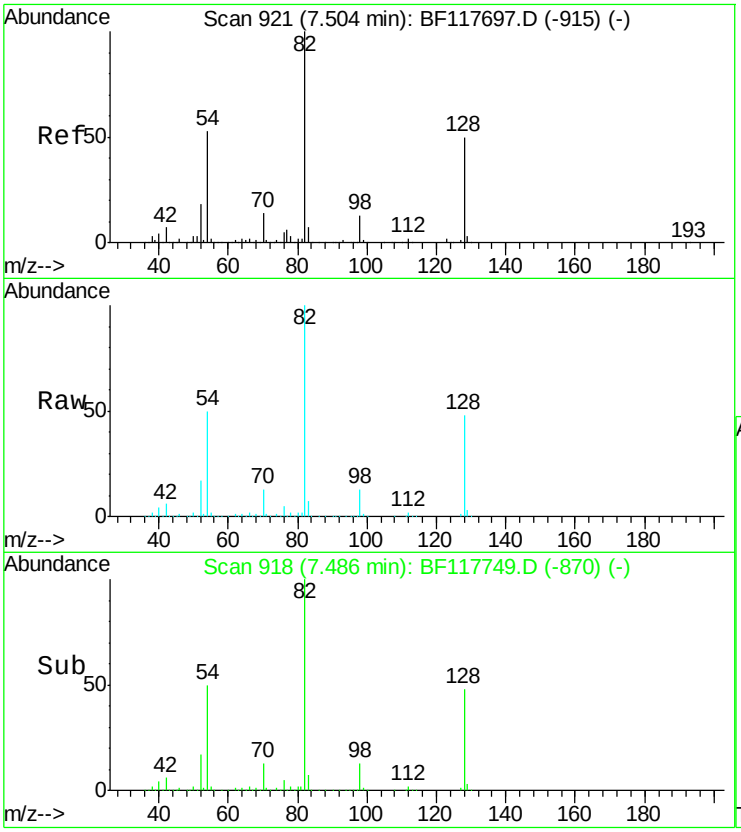


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Tgt Ion:136 Resp: 1446158

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	7.8	6.0	9.0
68	5.9	4.8	7.2



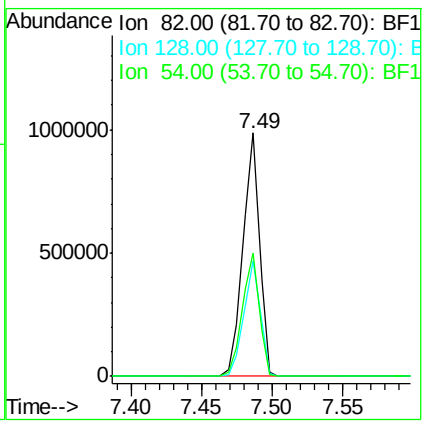


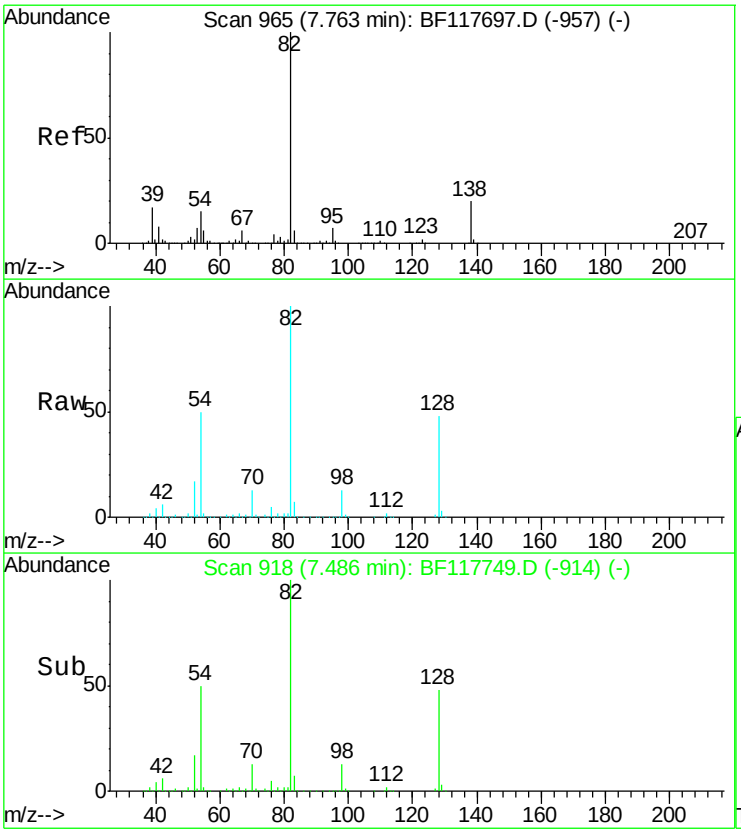
#23
Nitrobenzene-d5
Concen: 33.241 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Instrument :
BNA_F
ClientSampleId :
HD-01-110619

Tgt Ion: 82 Resp: 814229

Ion	Ratio	Lower	Upper
82	100		
128	47.6	40.2	60.2
54	50.4	42.0	63.0

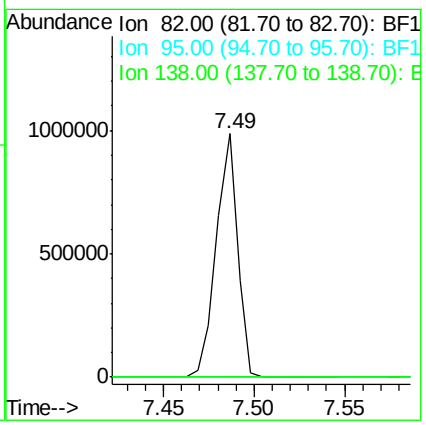


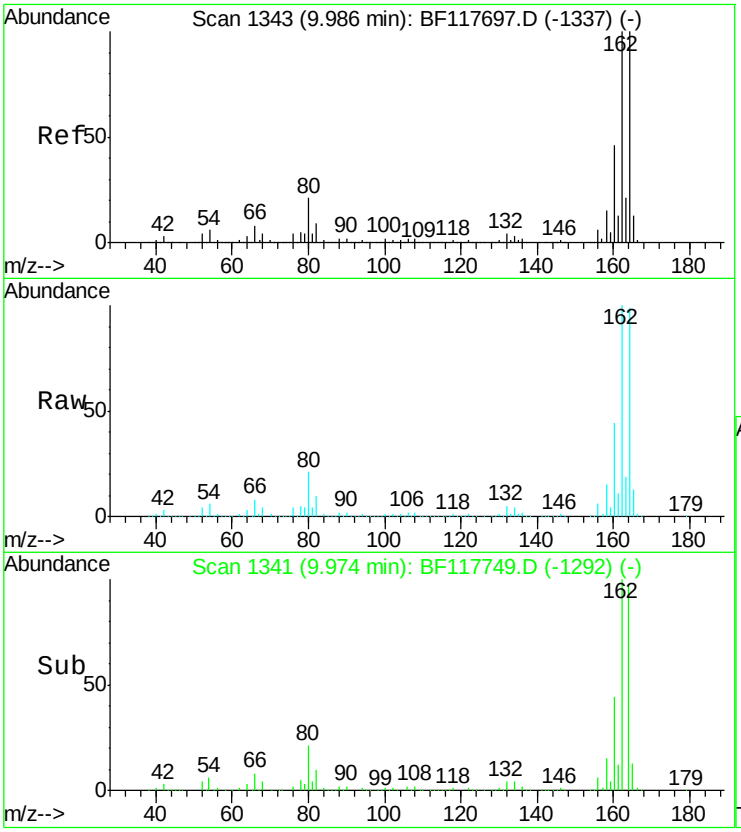


#25
Isophorone
Concen: 17.307 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.28 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Tgt Ion: 82 Resp: 810810

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	16.2	24.2#



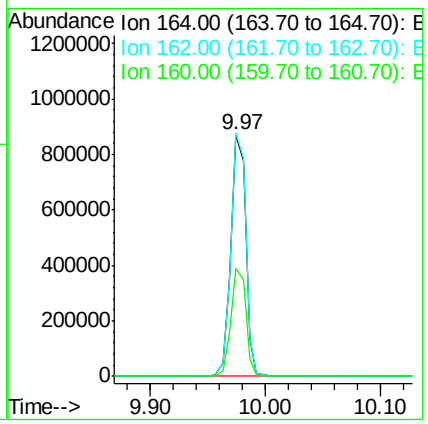


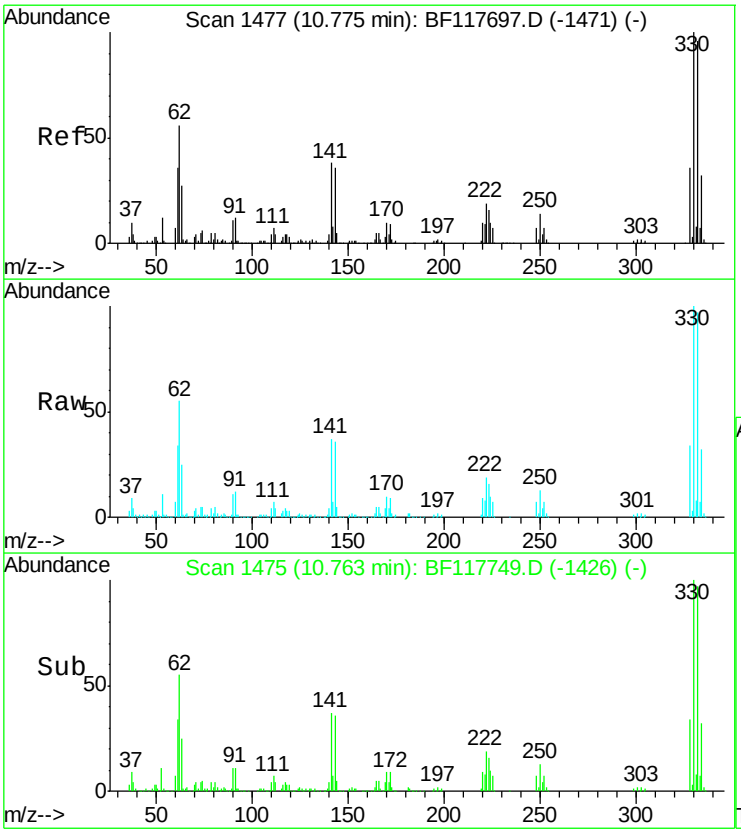
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Instrument :
BNA_F
ClientSampleId :
HD-01-110619

Tgt Ion:164 Resp: 779329

Ion	Ratio	Lower	Upper
164	100		
162	100.9	79.7	119.5
160	44.6	36.5	54.7

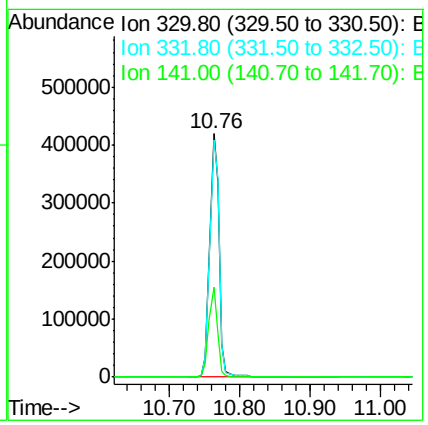


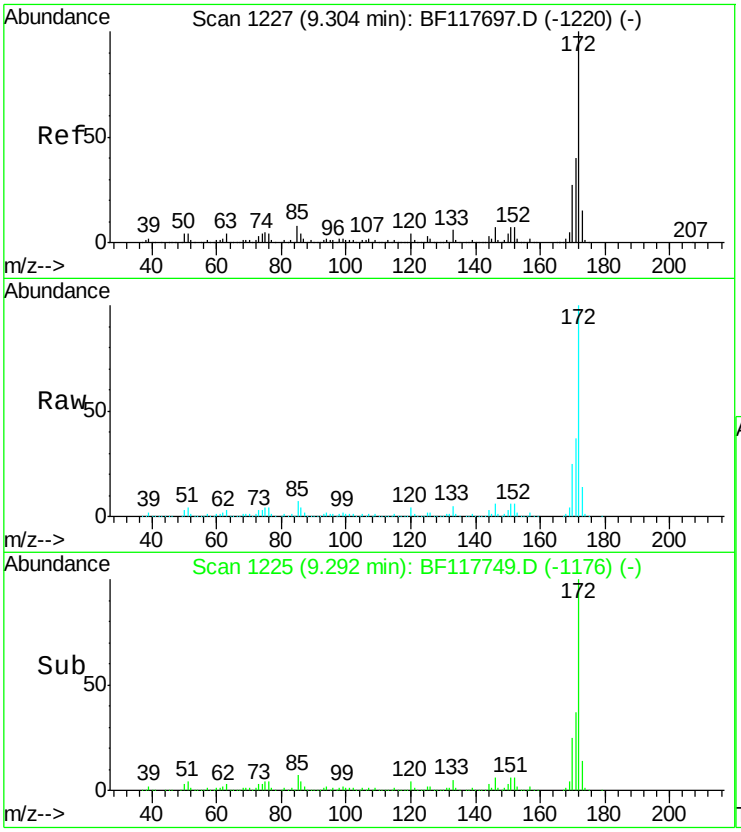


#42
2,4,6-Tribromophenol
Concen: 50.480 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Tgt Ion:330 Resp: 384843

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.4	116.0
141	34.1	28.0	42.0



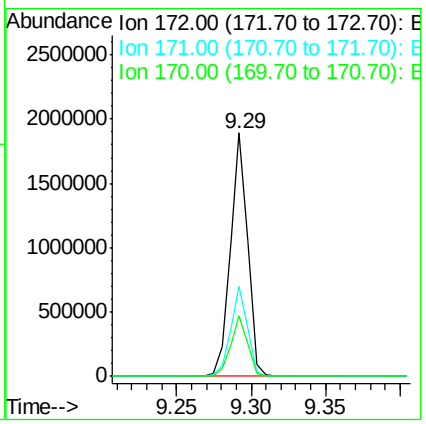


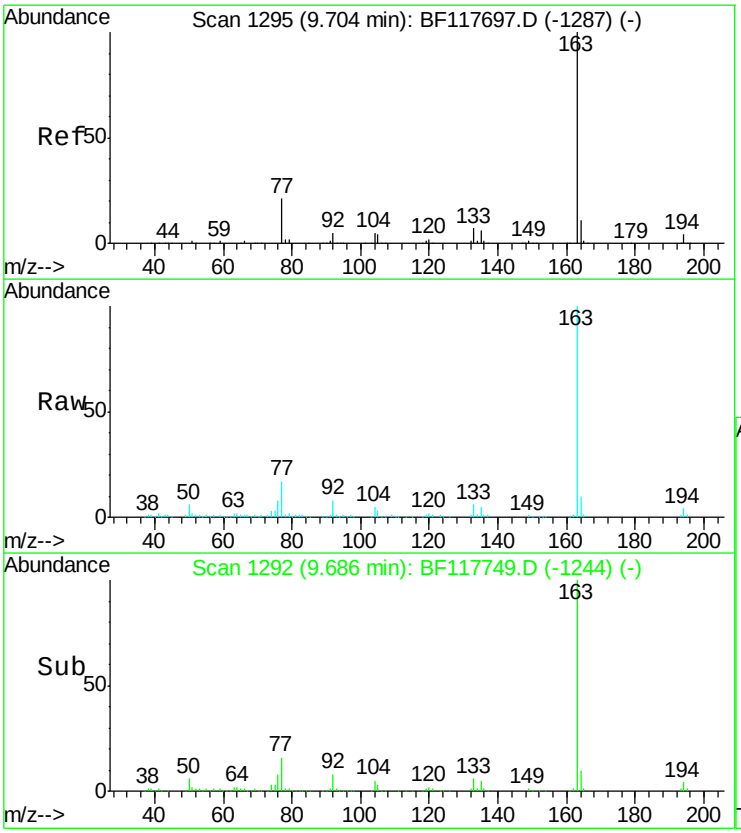
#45
2-Fluorobiphenyl
Concen: 39.367 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Instrument :
BNA_F
ClientSampleId :
HD-01-110619

Tgt Ion:172 Resp: 1554969

Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.8	47.8
170	24.9	21.6	32.4

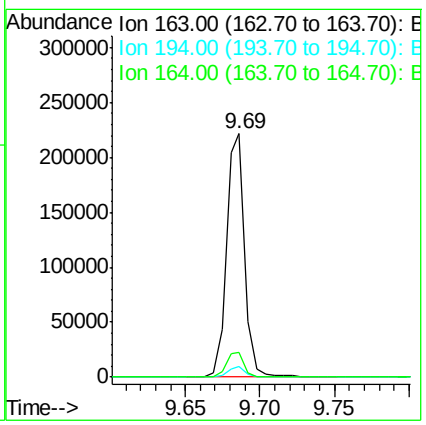


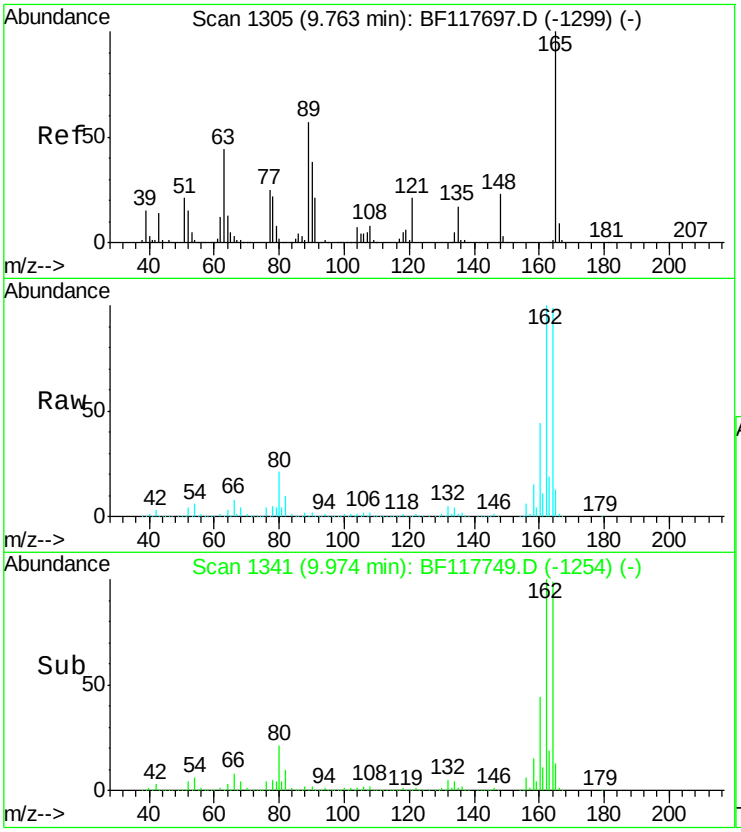


#50
Dimethylphthalate
Concen: 3.623 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Tgt Ion:163 Resp: 190890

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.0	8.9	13.3



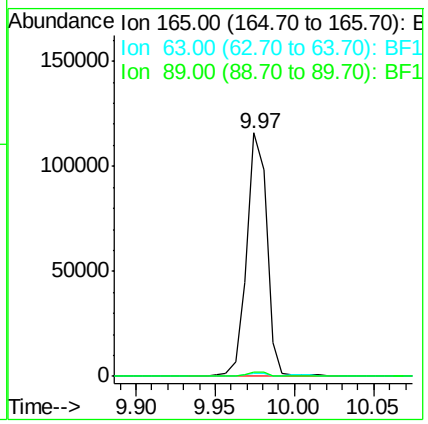


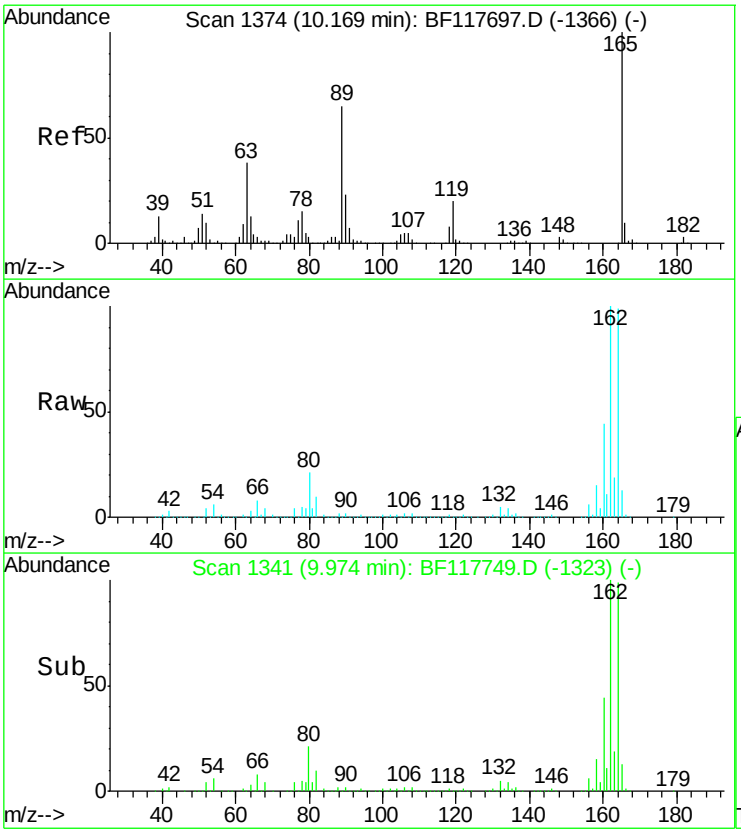
#51
2,6-Dinitrotoluene
Concen: 8.650 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.21 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Instrument :
BNA_F
ClientSampleId :
HD-01-110619

Tgt Ion:165 Resp: 102046

Ion	Ratio	Lower	Upper
165	100		
63	1.2	45.6	68.4#
89	1.6	45.8	68.6#

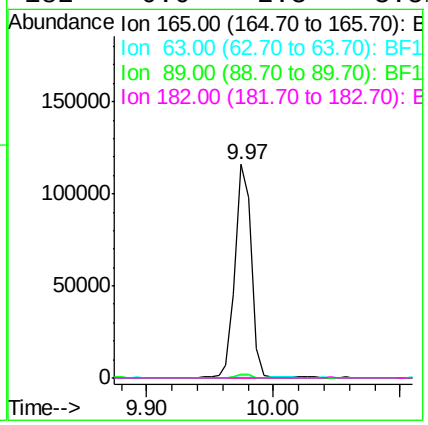


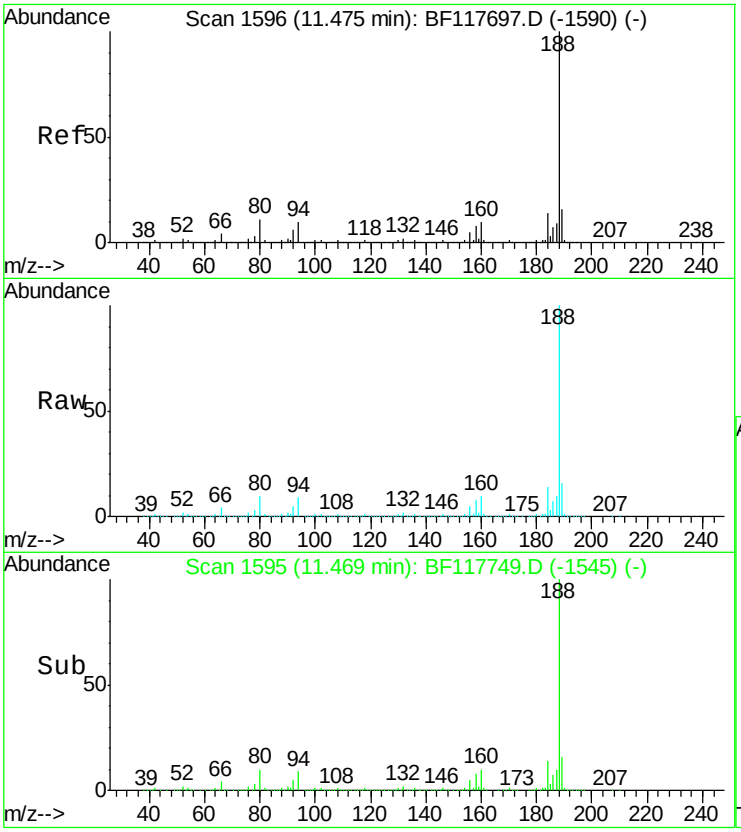


#57
2,4-Dinitrotoluene
Concen: 6.768 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.19 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Tgt Ion:165 Resp: 102426

Ion	Ratio	Lower	Upper
165	100		
63	1.2	30.4	45.6#
89	1.6	52.2	78.4#
182	0.0	2.3	3.5#



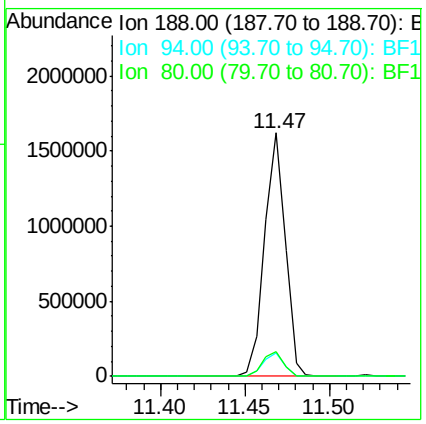


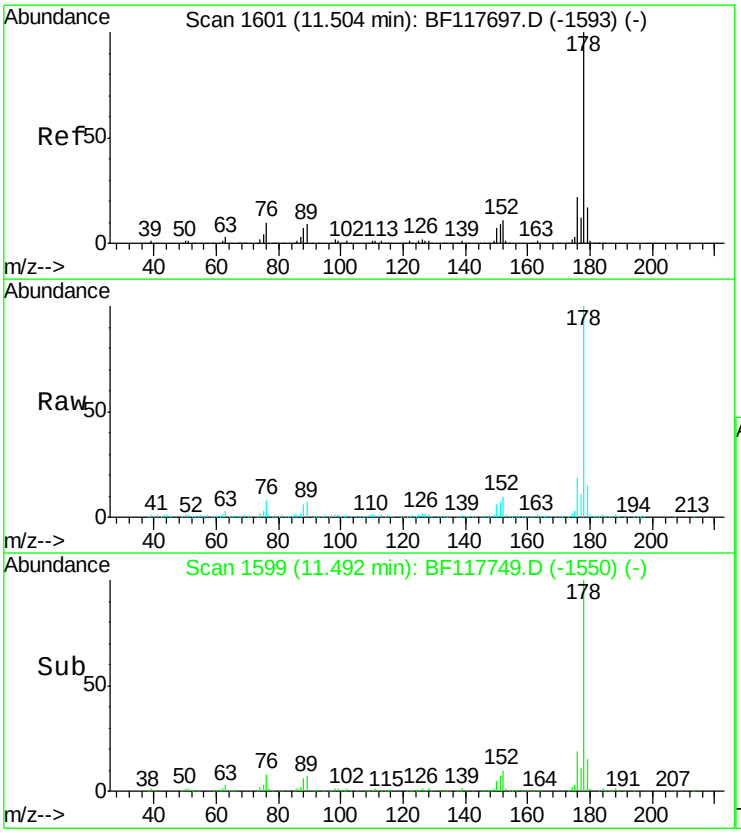
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Instrument :
BNA_F
ClientSampleId :
HD-01-110619

Tgt Ion:188 Resp: 1376624

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.4
80	10.1	8.6	13.0

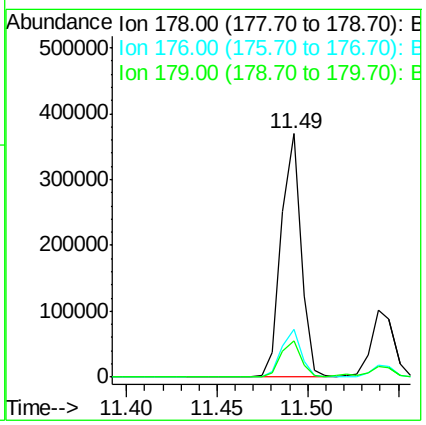


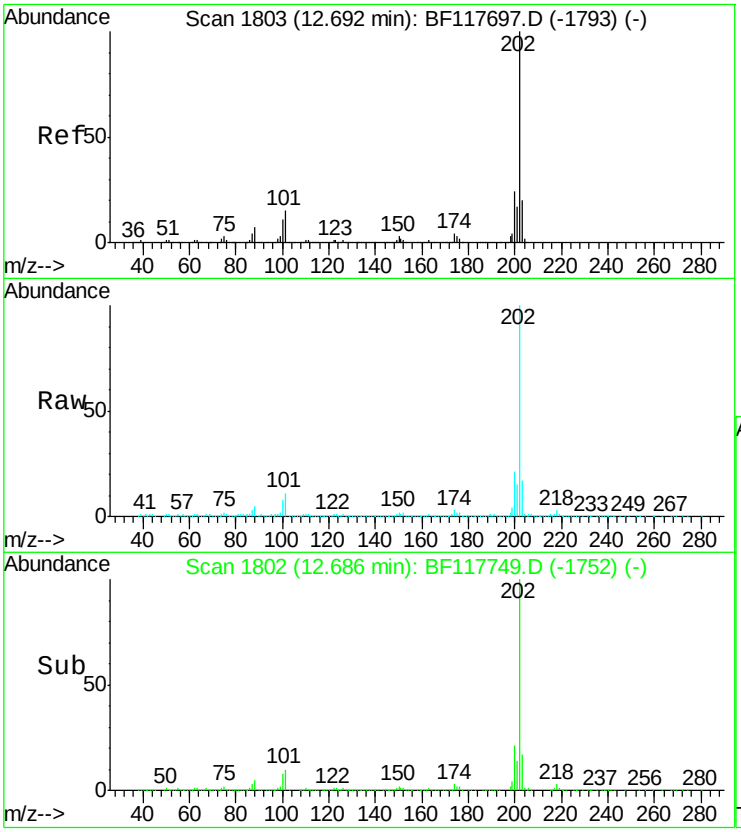


#71
Phenanthrene
Concen: 4.296 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Tgt Ion:178 Resp: 283450

Ion	Ratio	Lower	Upper
178	100		
176	19.4	17.7	26.5
179	15.0	13.8	20.8



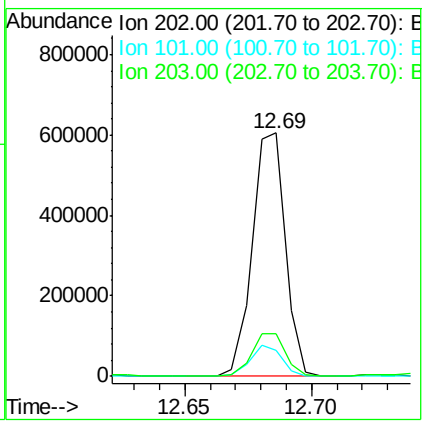


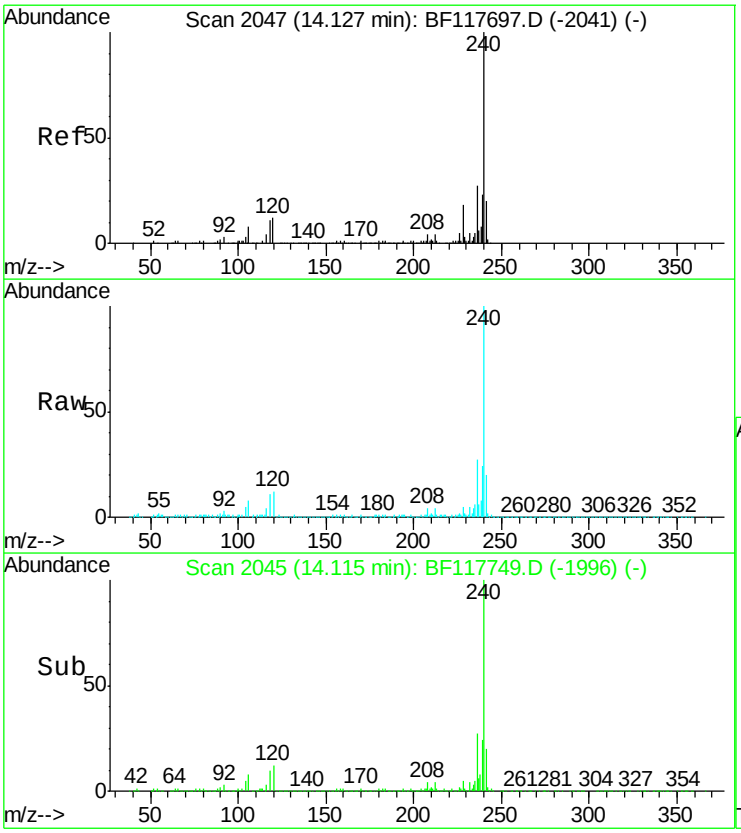
#75
Fluoranthene
Concen: 8.150 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Instrument :
BNA_F
ClientSampleId :
HD-01-110619

Tgt Ion:202 Resp: 549093

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	34.5
203	17.4	0.0	39.8

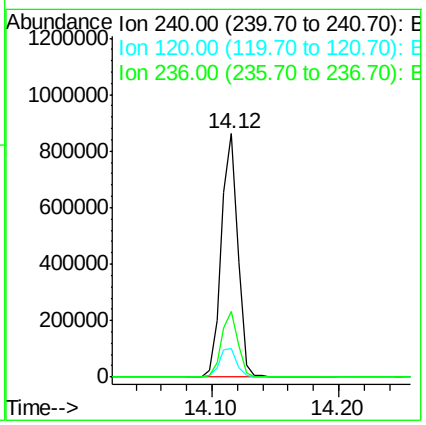


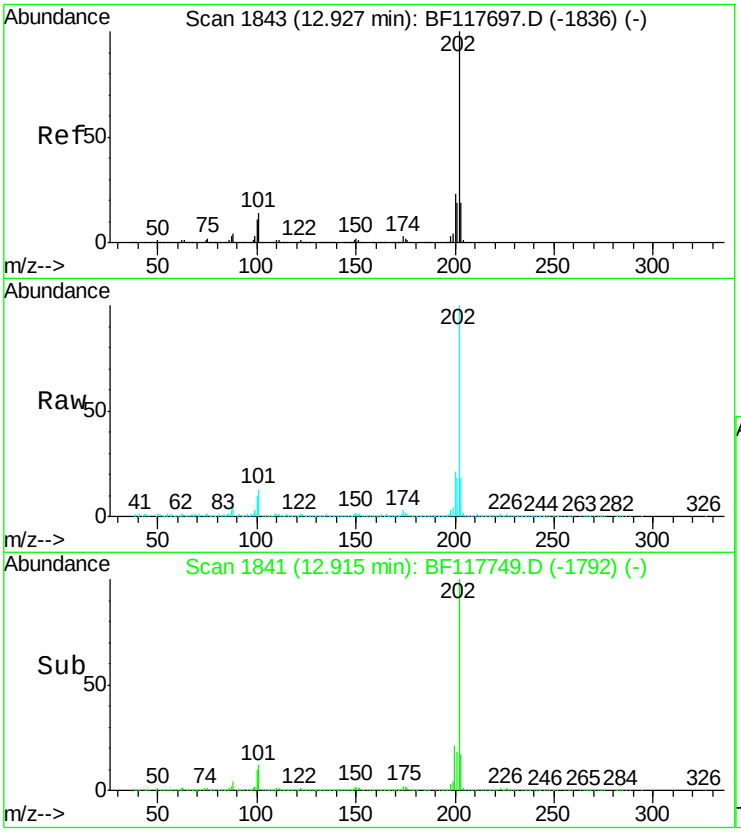


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Tgt Ion:240 Resp: 777401

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.7	14.5
236	27.0	21.9	32.9



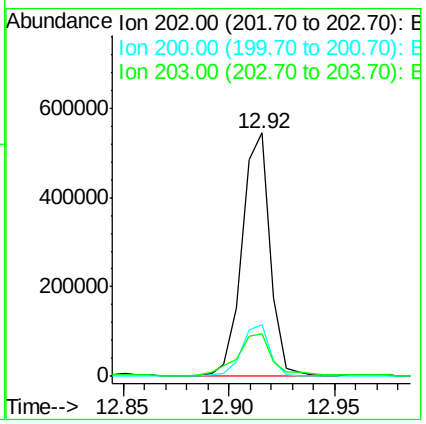


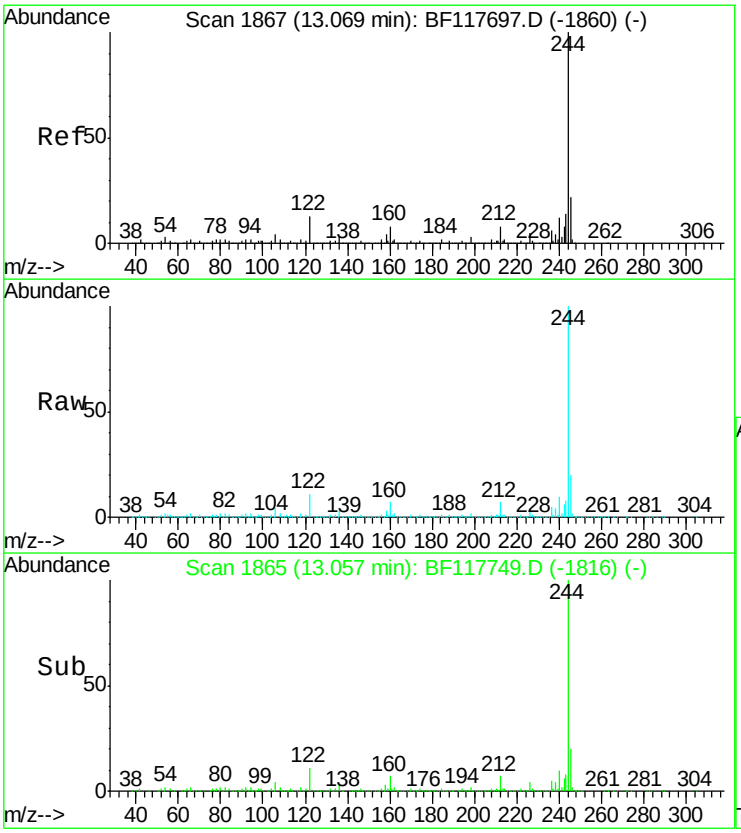
#78
Pyrene
Concen: 8.767 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Instrument :
BNA_F
ClientSampleId :
HD-01-110619

Tgt Ion:202 Resp: 497496

Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.8	28.2
203	17.5	15.2	22.8

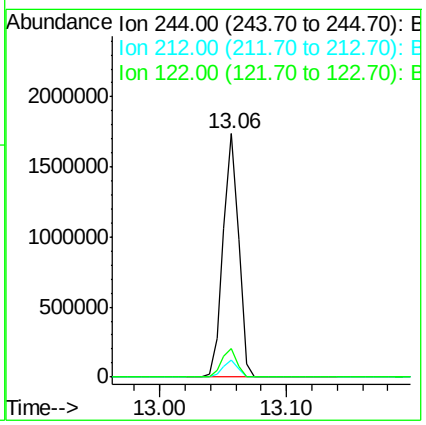


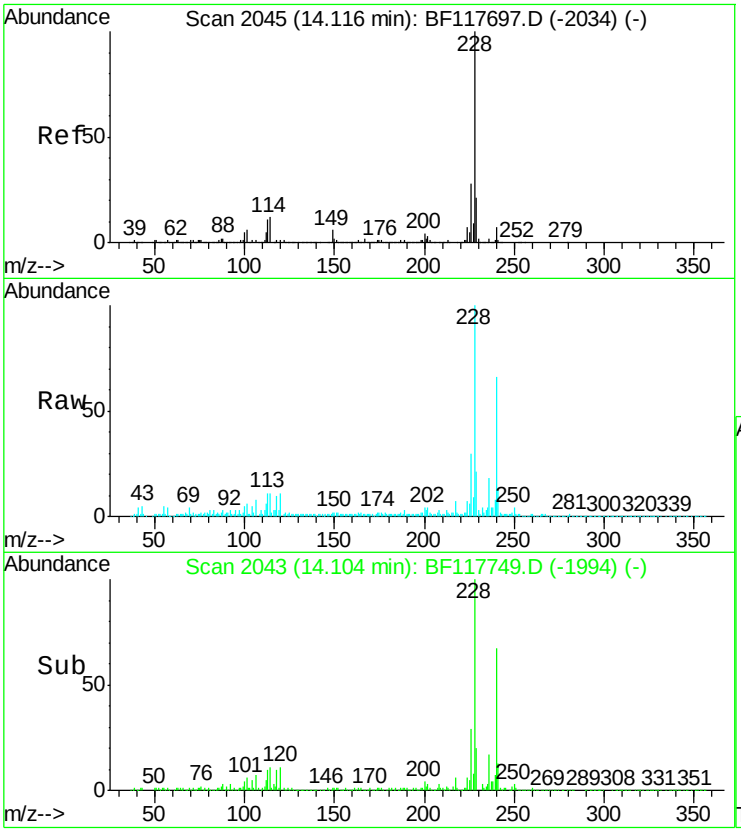


#79
Terphenyl-d14
Concen: 39.162 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Tgt Ion:244 Resp: 1478890

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.4	9.6
122	11.5	10.0	15.0



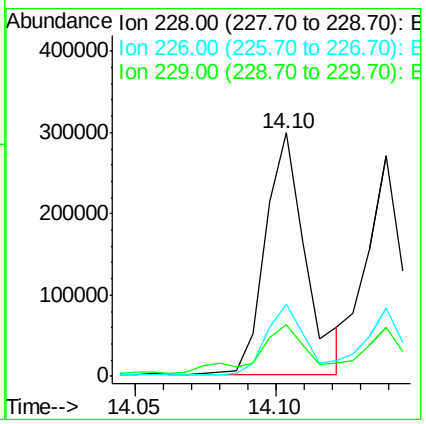


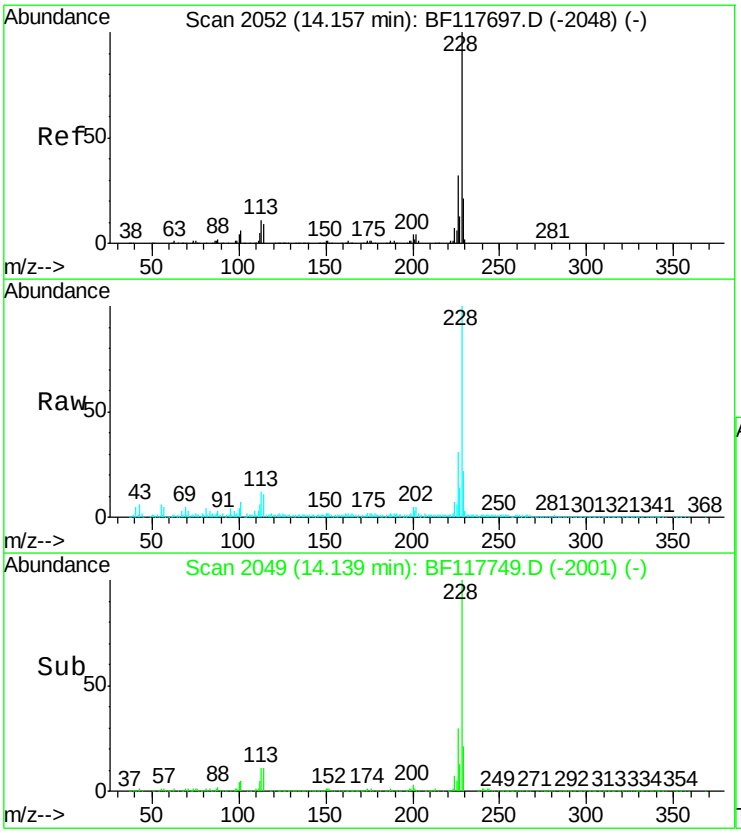
#81
Benzo(a)anthracene
Concen: 6.088 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Instrument :
BNA_F
ClientSampleId :
HD-01-110619

Tgt Ion:228 Resp: 294589

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.8	34.2
229	21.1	16.9	25.3

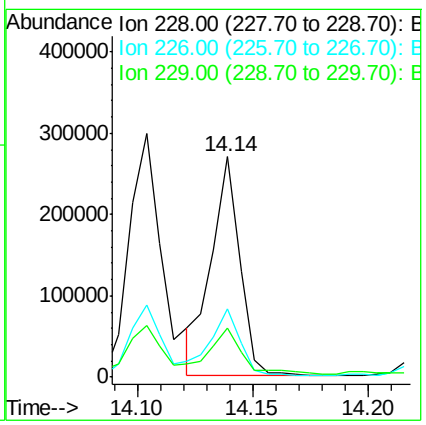


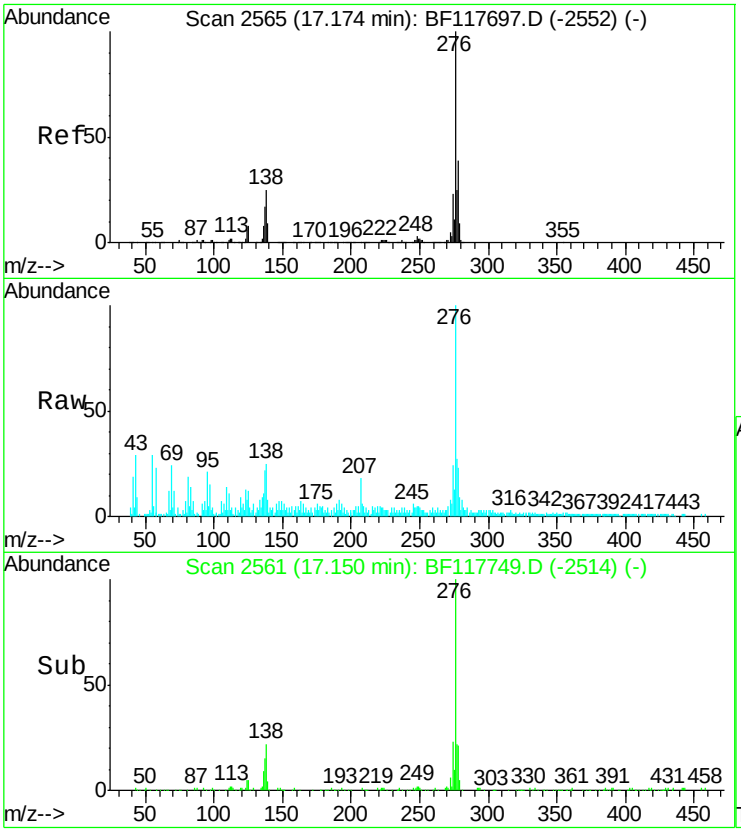


#83
Chrysene
Concen: 4.837 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Tgt Ion:228 Resp: 231140

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.2
229	22.4	16.6	24.8



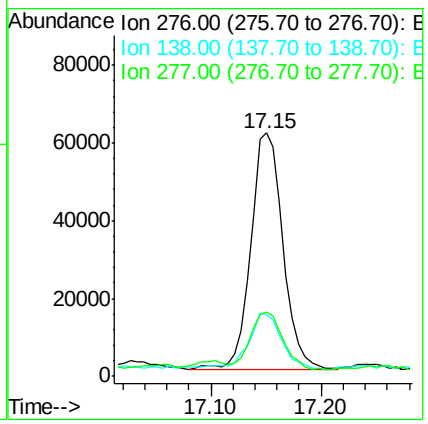


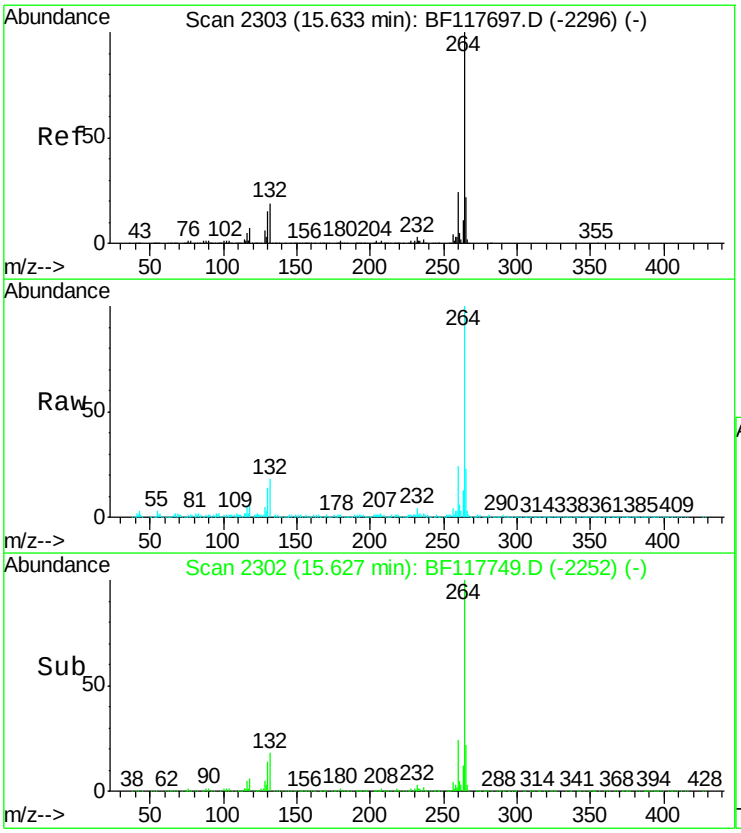
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.788 ng
RT: 17.15 min Scan# 2561
Delta R.T. -0.02 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Instrument :
BNA_F
ClientSampleId :
HD-01-110619

Tgt Ion:276 Resp: 124003

Ion	Ratio	Lower	Upper
276	100		
138	26.4	22.4	33.6
277	25.0	20.6	30.8

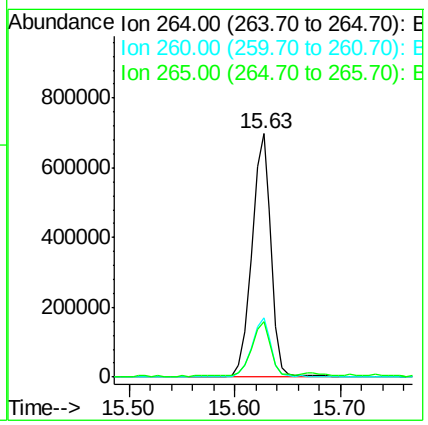


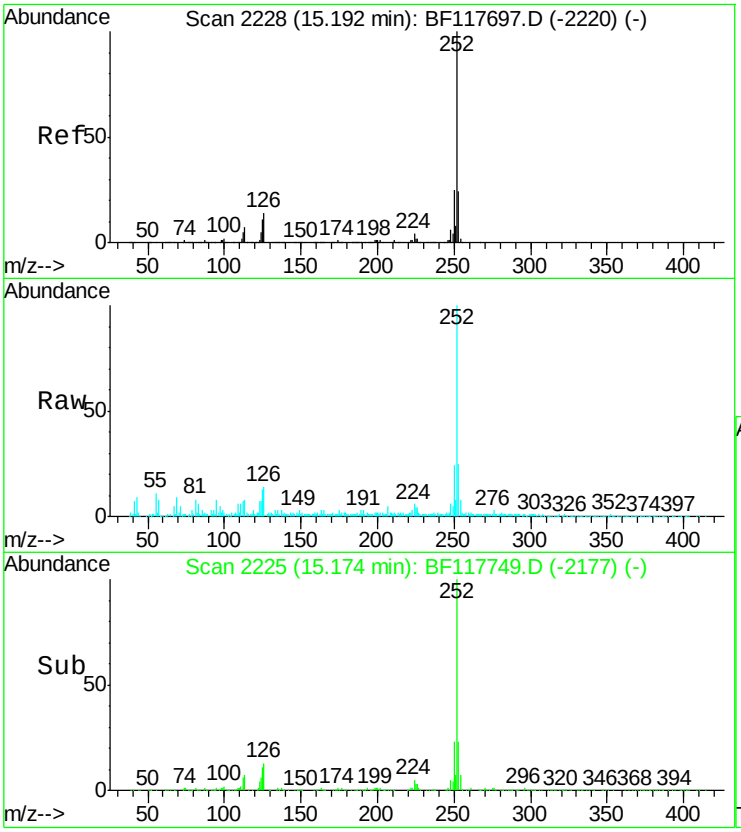


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Tgt Ion:264 Resp: 874745

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	22.6	17.7	26.5



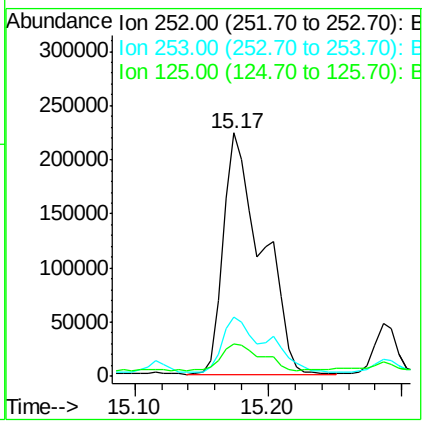


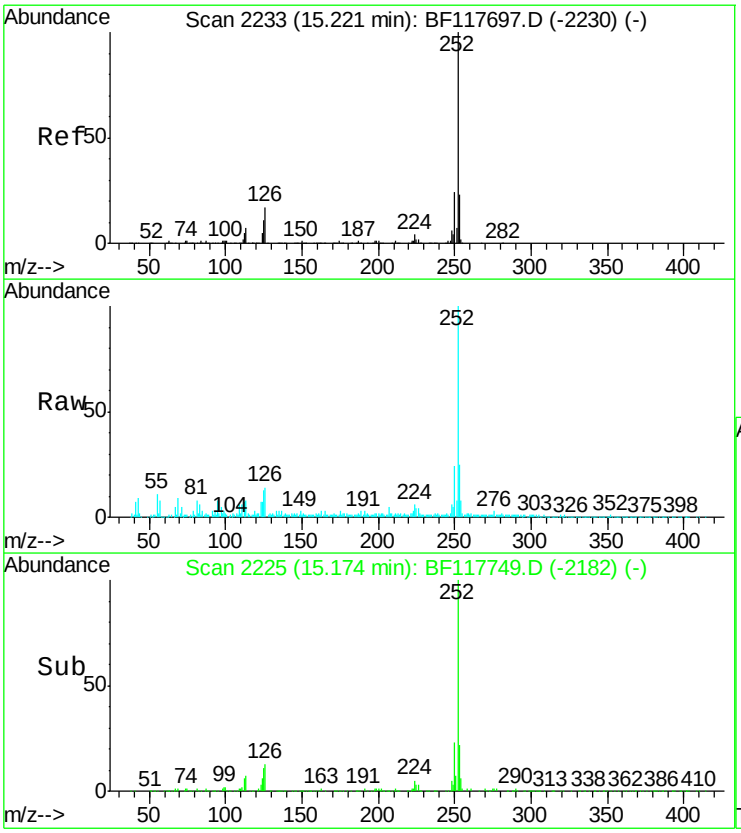
#88
Benzo(b)fluoranthene
Concen: 8.140 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Instrument :
BNA_F
ClientSampleId :
HD-01-110619

Tgt Ion:252 Resp: 448441

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.9	28.3
125	13.2	8.5	12.7#

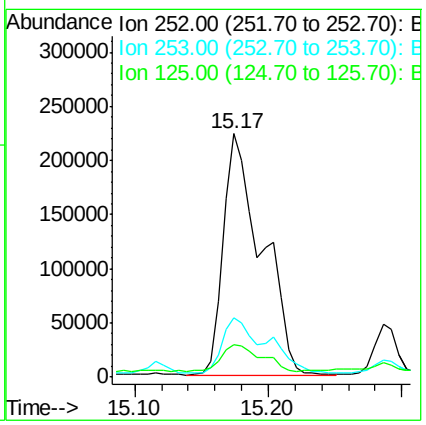


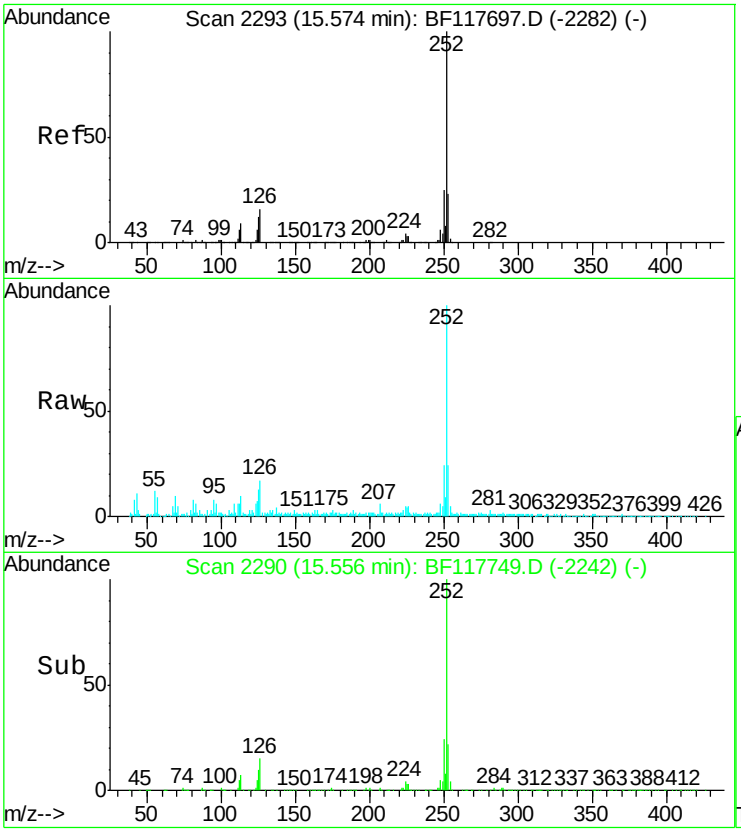


#89
Benzo(k)fluoranthene
Concen: 9.126 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.05 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Tgt Ion:252 Resp: 448441

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	13.2	9.1	13.7



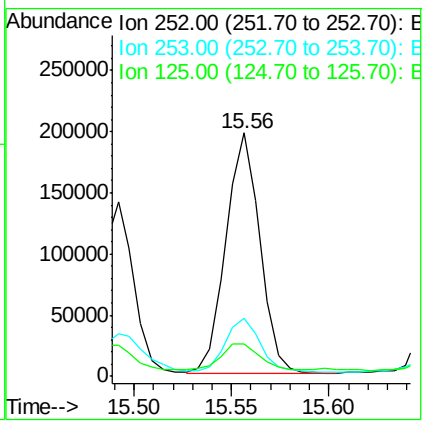


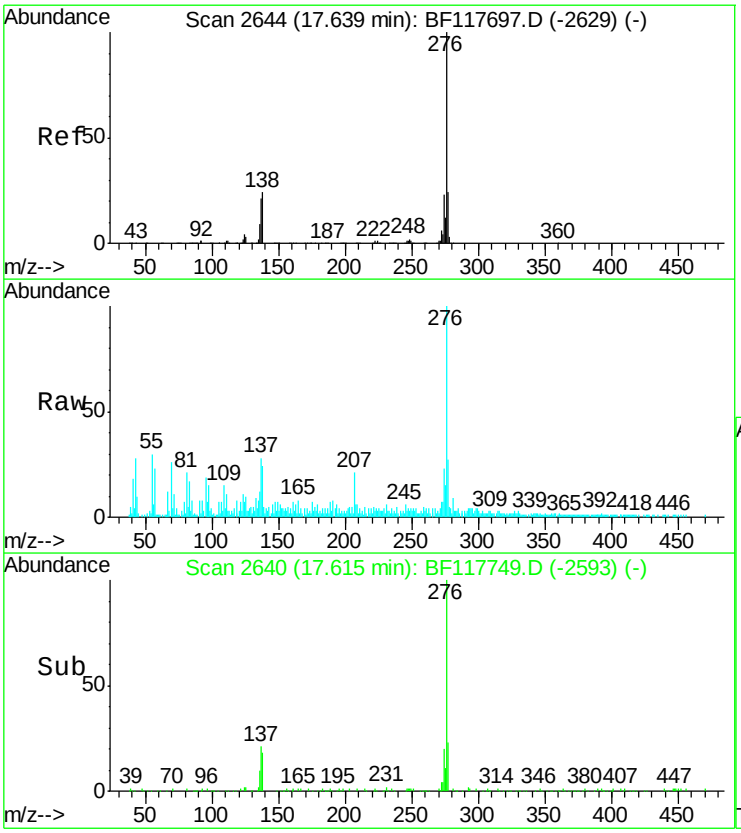
#90
Benzo(a)pyrene
Concen: 4.979 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.02 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Instrument :
BNA_F
ClientSampleId :
HD-01-110619

Tgt Ion:252 Resp: 237777

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	13.5	9.5	14.3





#92
Benzo(g,h,i)perylene
Concen: 2.664 ng
RT: 17.62 min Scan# 2640
Delta R.T. -0.02 min
Lab File: BF117749.D
Acq: 8 Nov 2019 23:25

Tgt Ion:276 Resp: 110564

Ion	Ratio	Lower	Upper
276	100		
277	26.5	19.4	29.0
138	24.1	19.2	28.8