Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116086.D
Acq On : 8 Aug 2019 23:51
Operator : HP/JU
Sample : K4158-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-055

Quant Time: Aug 09 09:15:16 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	6.85	152	4854	20.00	ng		0.00
21) Naphthalene-d8	0.00	136	0	0.00	ng		-8.13
39) Acenaphthene-d10	0.00	164	0	0.00	ng		-9.89
64) Phenanthrene-d10	11.37	188	263	20.00	ng		0.00
76) Chrysene-d12	14.01	240	3850	20.00	ng		0.00
87) Perylene-d12	15.48	264	1549	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	711929	2455.32	ng		0.00
7) Phenol-d6	6.47	99	932834	2549.93	ng		-0.01
23) Nitrobenzene-d5	7.40	82	598244	0.00	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	229634	0.00	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	945449	0.00	ng		-0.02
79) Terphenyl-d14	12.94	244	1105481	6050.47	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.47	77	1563	6.192	ng	#	1
10) Phenol	6.48	94	9724	22.572	ng	#	8
11) bis(2-Chloroethyl)ether	6.61	93	875	2.763	ng	#	1
15) Benzyl Alcohol	6.99	79	9222	33.217	ng	#	45
19) n-Nitroso-di-n-propylamine	7.40	70	76954	339.461	ng	#	79
65) 4,6-Dinitro-2-methylphenol	10.66	198	266	190.855	ng		88
66) n-Nitrosodiphenylamine	10.66	169	6436	813.033	ng	#	45
67) 4-Bromophenyl-phenylether	10.66	248	13665	4853.646	ng	#	1
71) Phenanthrene	11.40	178	2226	165.562	ng	#	76
72) Anthracene	11.46	178	728	53.502	ng	#	59
73) Carbazole	11.62	167	1188	96.234	ng	#	58
74) Di-n-butylphthalate	11.91	149	6079	422.124	ng	#	97
75) Fluoranthene	12.58	202	6254	444.311	ng		96
77) Benzidine	12.94	184	14779	113.624	ng		96
78) Pyrene	12.81	202	6408	22.080	ng		95
80) Butylbenzylphthalate	13.41	149	1691	13.774	ng	#	64
81) Benzo(a)anthracene	14.00	228	4554	18.506	ng	#	92
83) Chrysene	14.00	228	4554	19.062	ng		96
84) Bis(2-ethylhexyl)phthalate	13.96	149	7084	44.405	ng	#	97
85) Di-n-octyl phthalate	14.57	149	3210	12.668	ng	#	80
86) Indeno(1,2,3-cd)pyrene	16.97	276	2388	11.901	ng	#	65
88) Benzo(b)fluoranthene	15.05	252	5429	60.615	ng	#	80
89) Benzo(k)fluoranthene	15.05	252	5429	62.233	ng	#	79
90) Benzo(a)pyrene	15.42	252	3892	48.611	ng	#	79
91) Dibenzo(a,h)anthracene	16.97	278	851	12.279	ng	#	56
92) Benzo(g,h,i)perylene	17.42	276	2470	36.290	ng	#	58

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

Quantitation Report (Not Reviewed)

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Instrument :
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FK-PS-01-055

Quant Time: Aug 09 09:15:16 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
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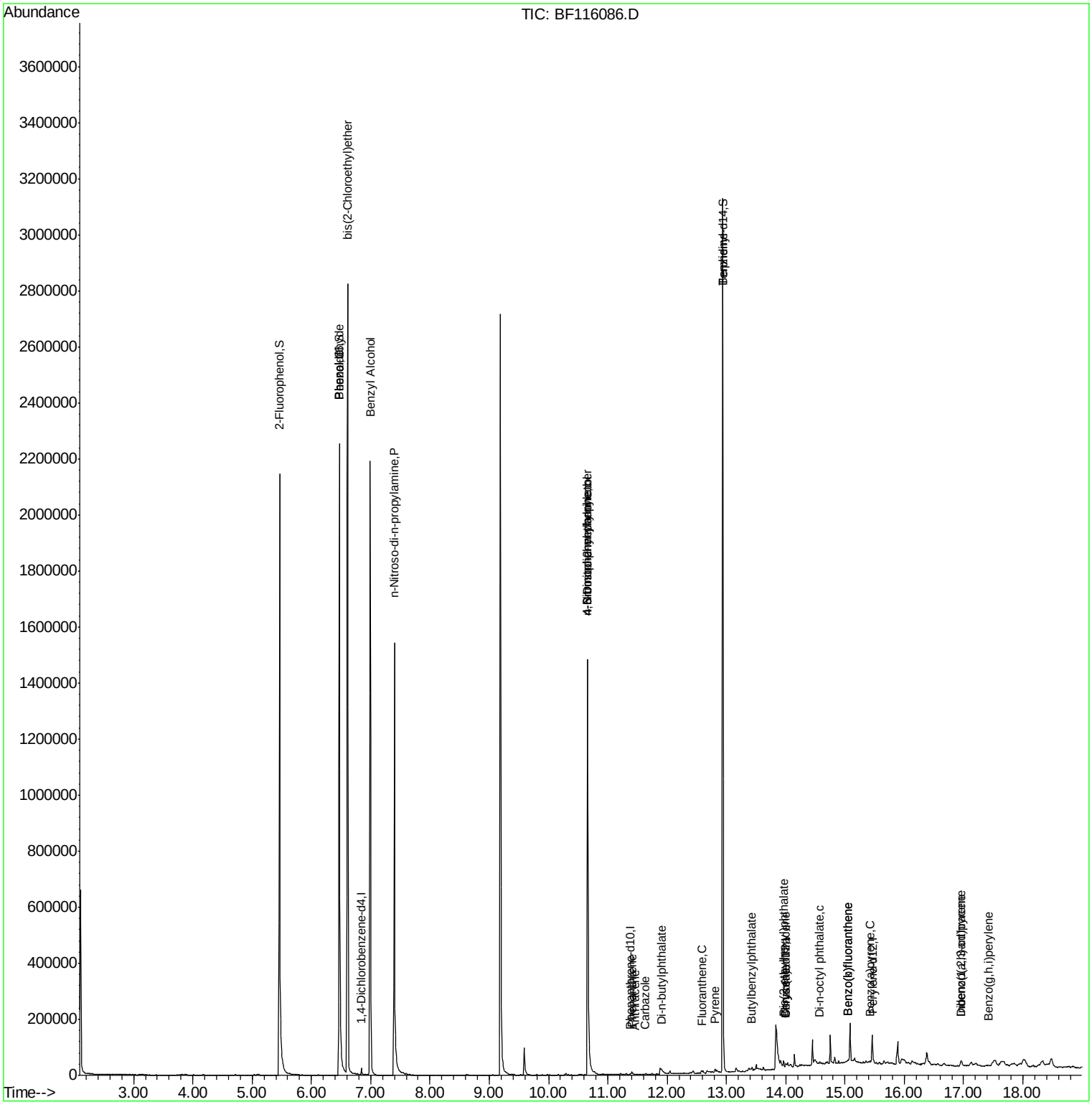
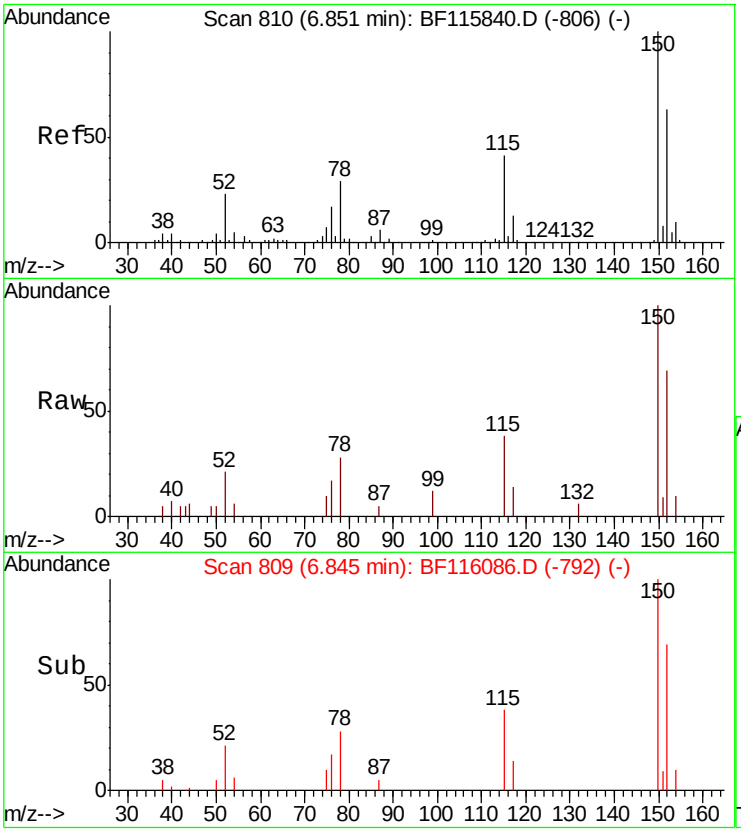


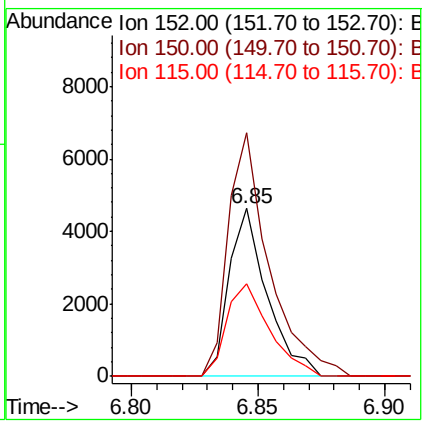


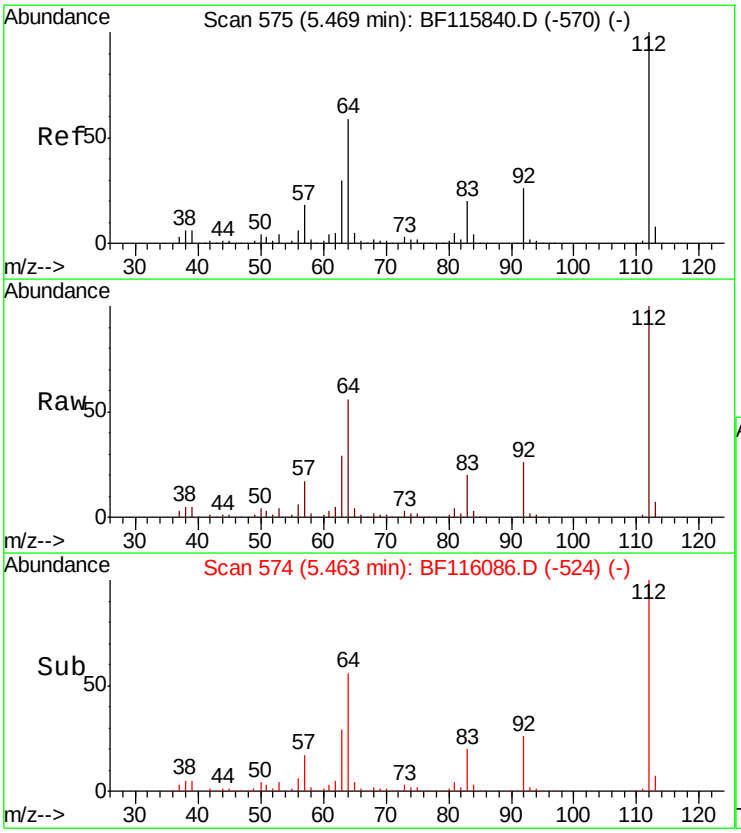
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-055

Tgt Ion:152 Resp: 4854

Ion	Ratio	Lower	Upper
152	100		
150	145.0	126.2	189.2
115	55.2	49.9	74.9

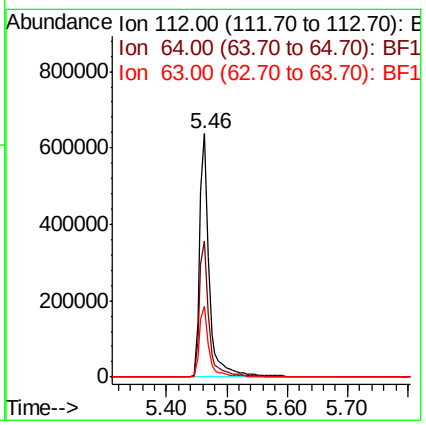


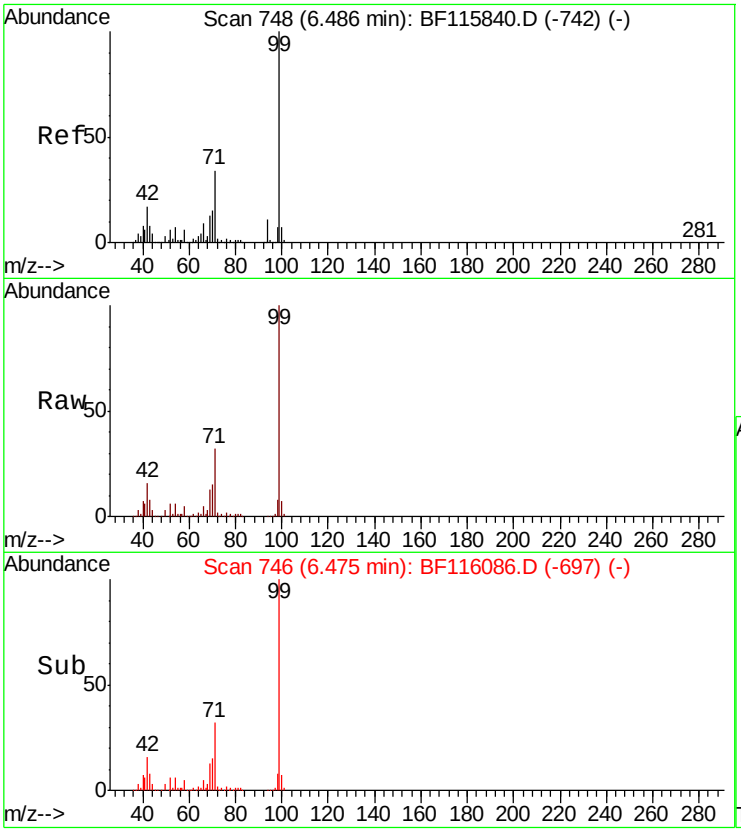


#5
2-Fluorophenol
Concen: 2455.322 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion:112 Resp: 711929

Ion	Ratio	Lower	Upper
112	100		
64	56.2	45.4	68.2
63	29.2	23.7	35.5



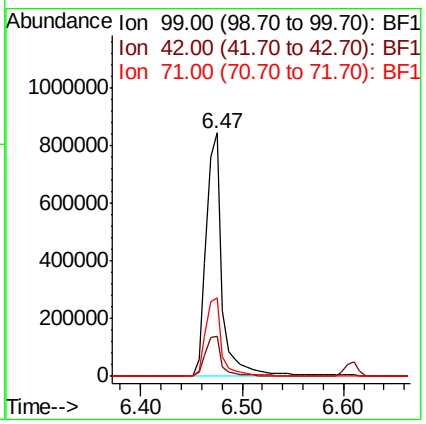


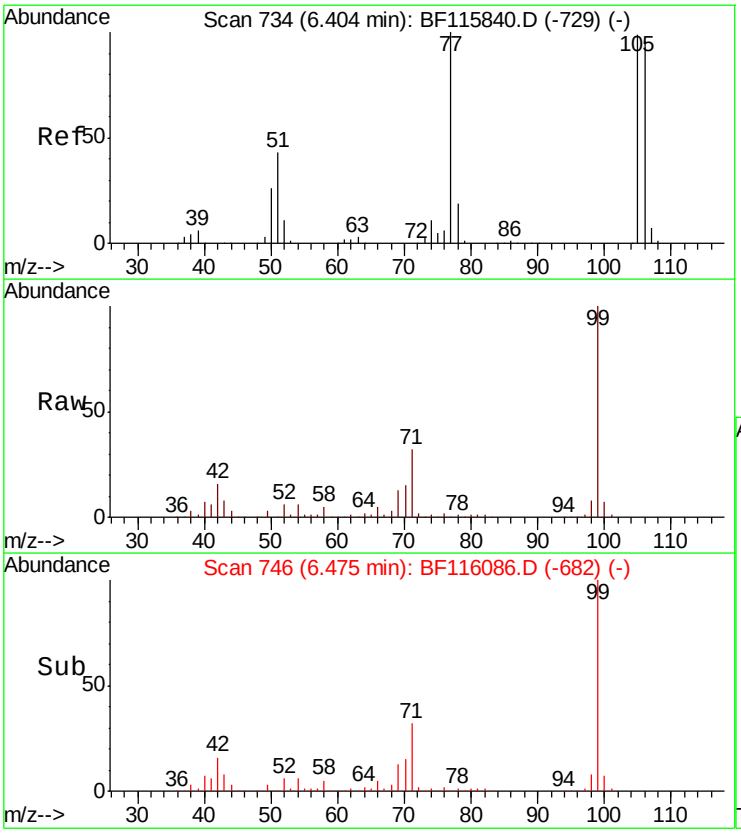
#7
Phenol-d6
Concen: 2549.929 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-055

Tgt Ion: 99 Resp: 932834

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.8	20.8
71	32.2	27.3	40.9

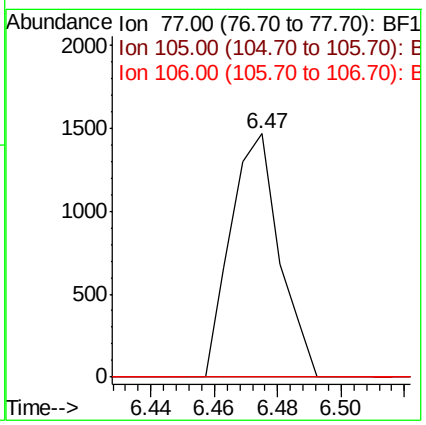


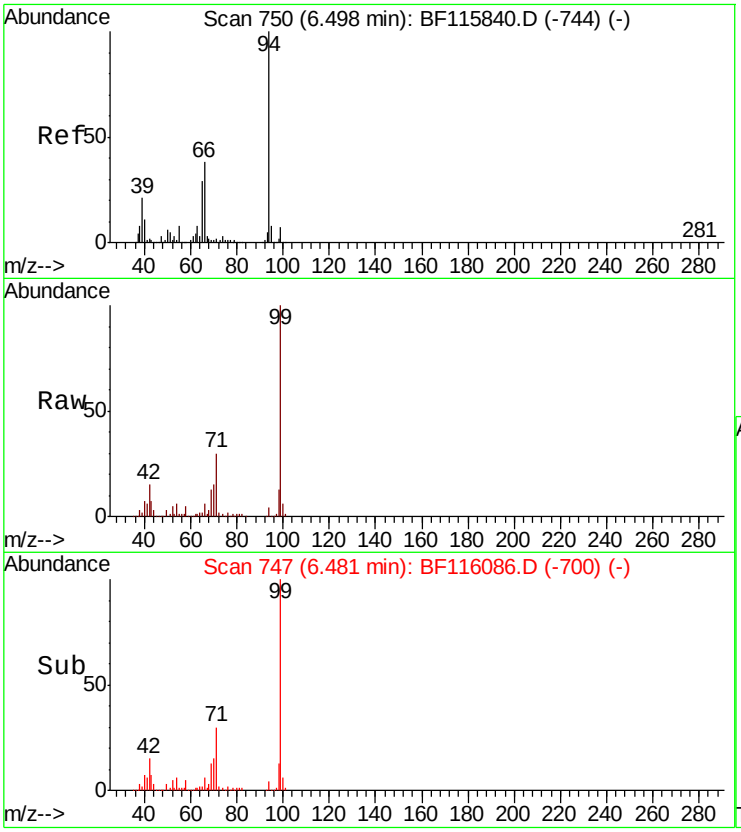


#9
Benzaldehyde
Concen: 6.192 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.08 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion: 77 Resp: 1563

Ion	Ratio	Lower	Upper
77	100		
105	0.0	79.2	119.2#
106	0.0	74.3	114.3#



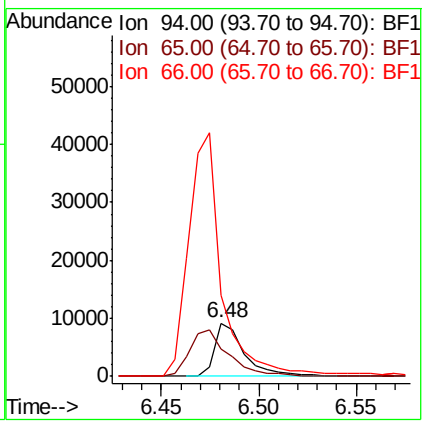


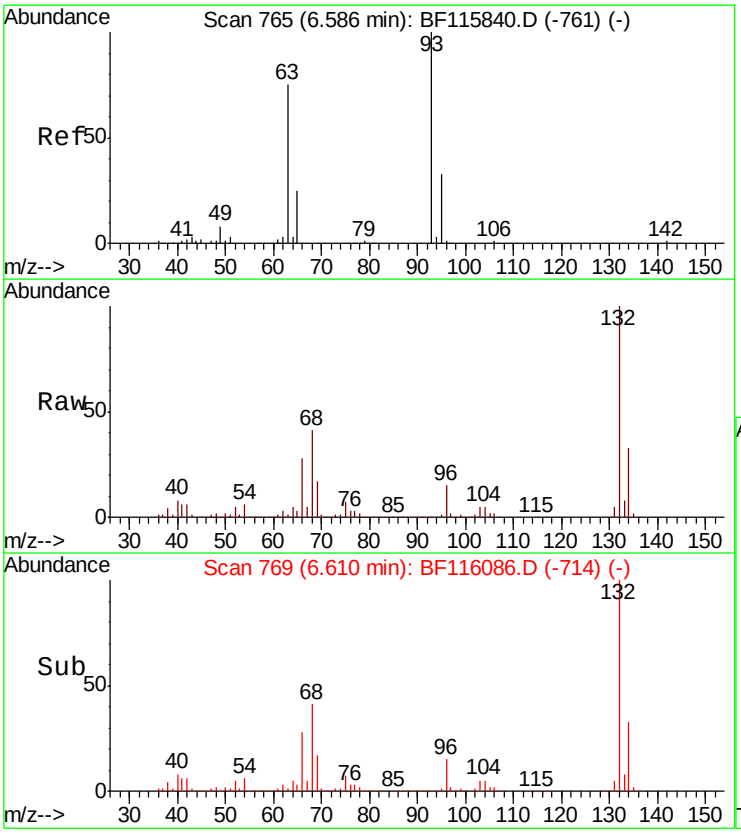
#10
Phenol
Concen: 22.572 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.02 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-055

Tgt Ion: 94 Resp: 9724

Ion	Ratio	Lower	Upper
94	100		
65	52.1	16.8	56.8
66	152.7	34.2	74.2#

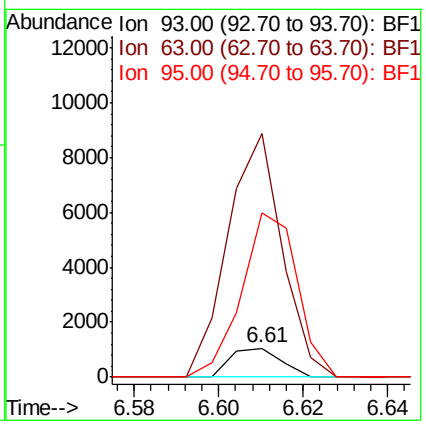


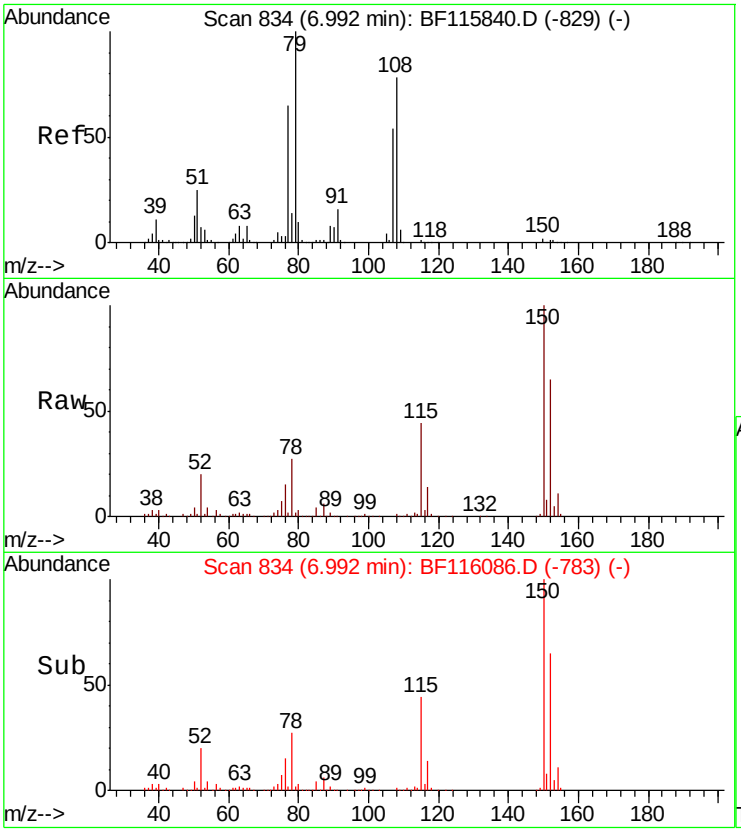


#11
bis(2-Chloroethyl)ether
Concen: 2.763 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.02 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion: 93 Resp: 875

Ion	Ratio	Lower	Upper
93	100		
63	845.3	51.9	91.9#
95	570.4	13.0	53.0#



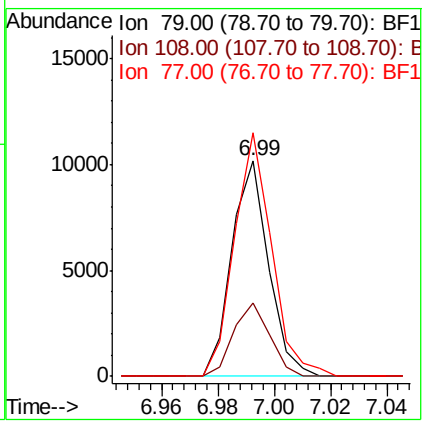


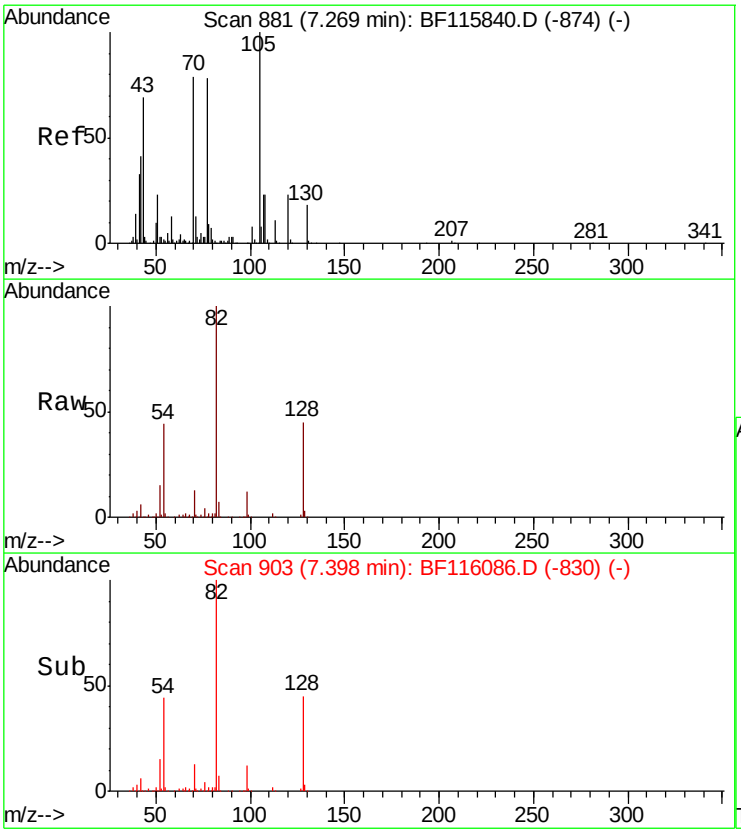
#15
Benzyl Alcohol
Concen: 33.217 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-055

Tgt Ion: 79 Resp: 9222

Ion	Ratio	Lower	Upper
79	100		
108	33.9	62.7	94.1#
77	112.9	52.2	78.2#

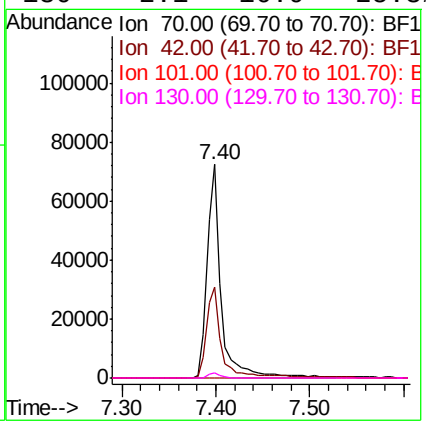


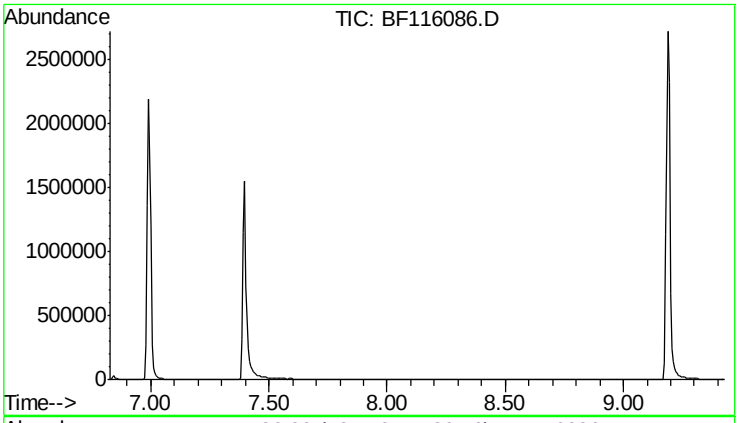


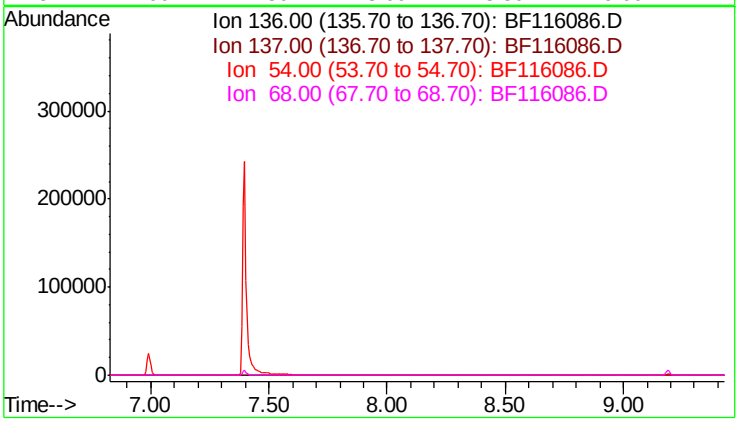
#19
n-Nitroso-di-n-propylamine
Concen: 339.461 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.13 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion: 70 Resp: 76954

Ion	Ratio	Lower	Upper
70	100		
42	42.8	40.9	61.3
101	0.0	7.9	11.9#
130	2.1	16.9	25.3#







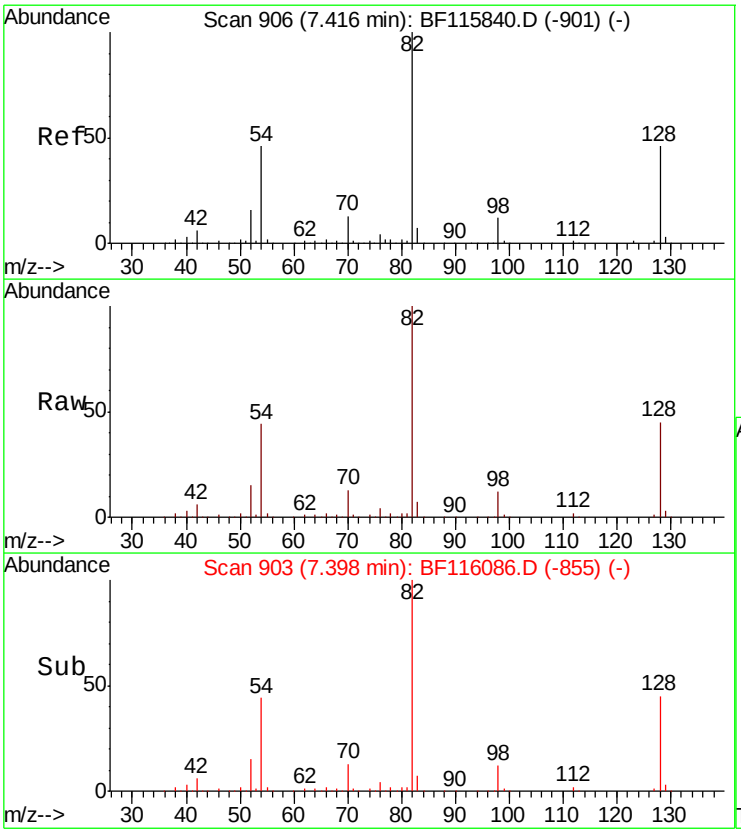
#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 8.13 min

Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.2
54	7.2
68	6.5

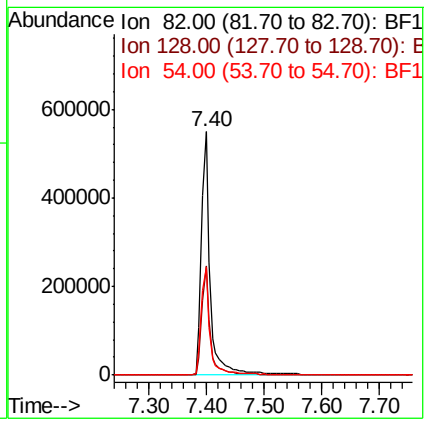
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-055

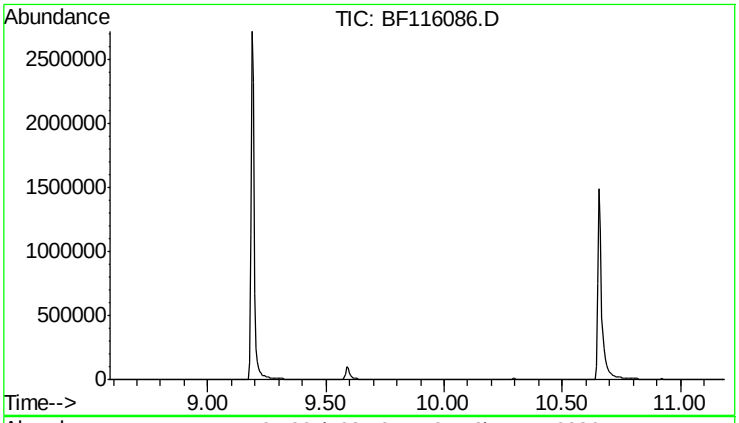


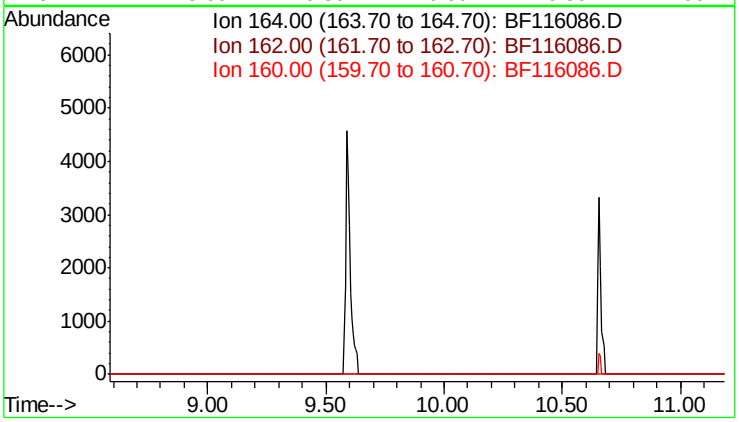
#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion: 82 Resp: 598244

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.5	54.7
54	44.1	36.0	54.0







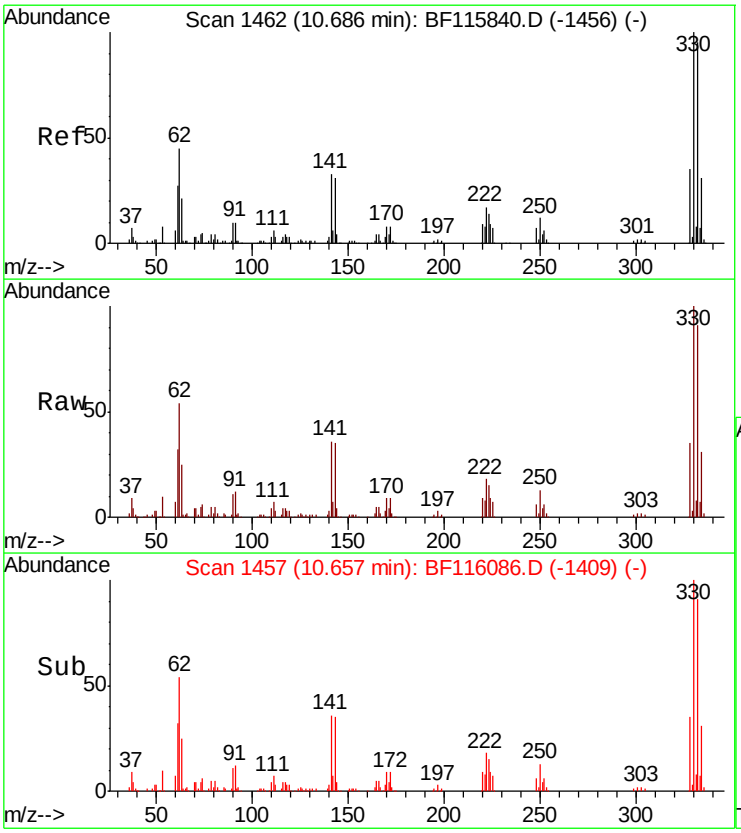
#39
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 9.89 min

Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	103.3
160	47.0

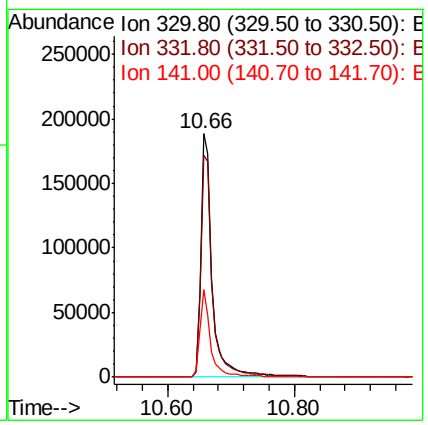
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-055

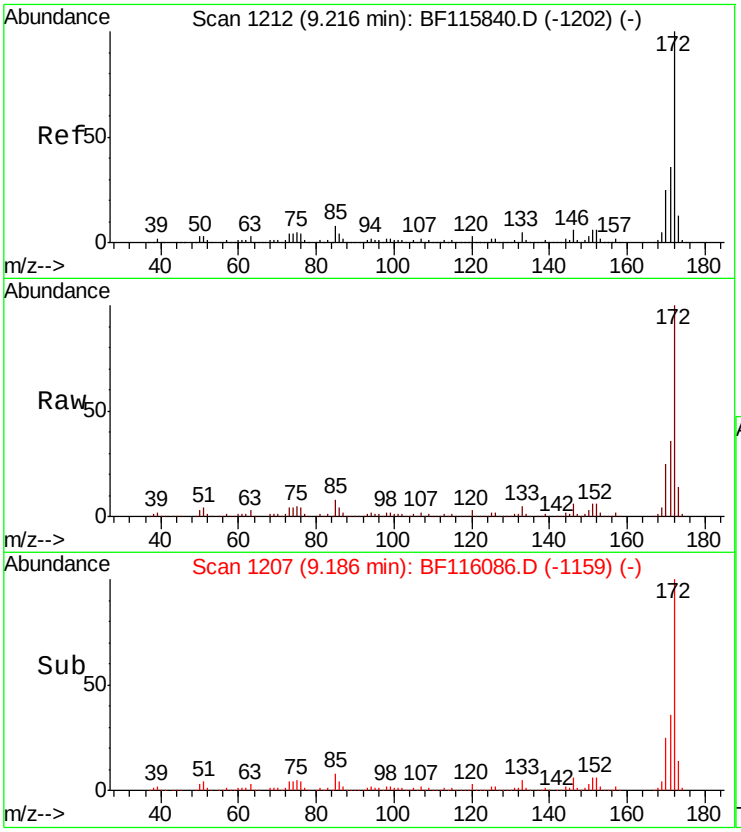


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion:330 Resp: 229634

Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.8	115.2
141	34.1	26.3	39.5



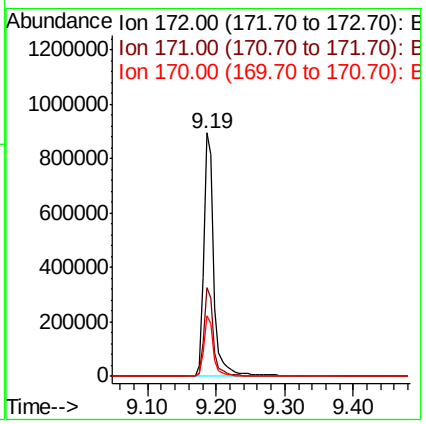


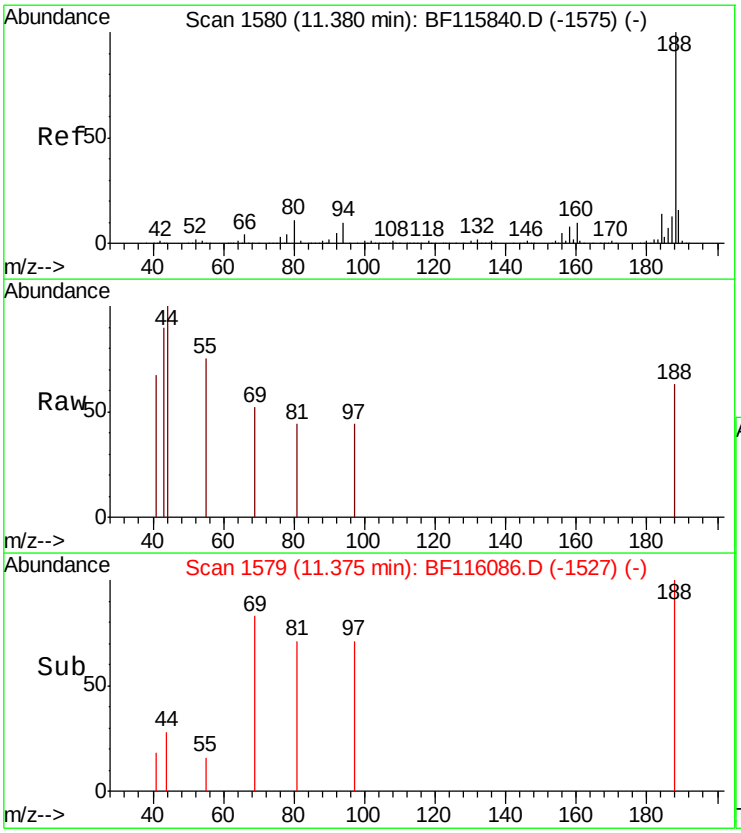
#45
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-055

Tgt Ion:172 Resp: 945449

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.6	20.1	30.1

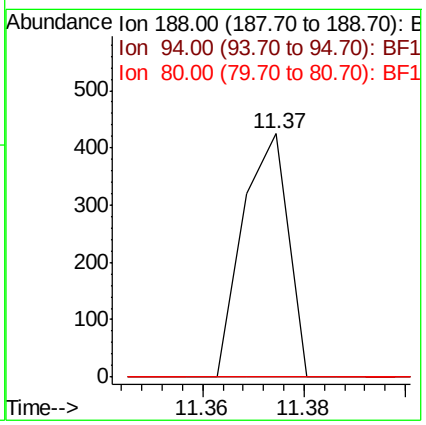


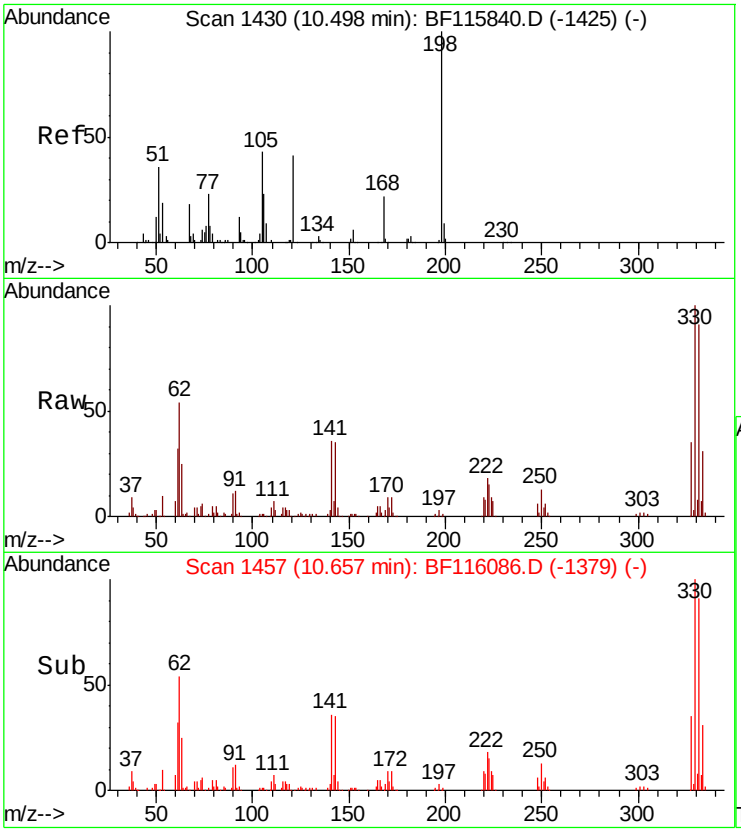


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion:188 Resp: 263

Ion	Ratio	Lower	Upper
188	100		
94	0.0	8.1	12.1#
80	0.0	8.7	13.1#



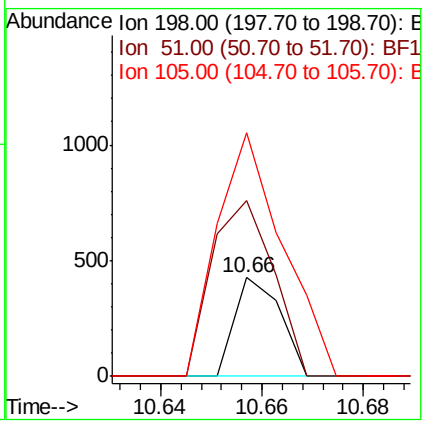


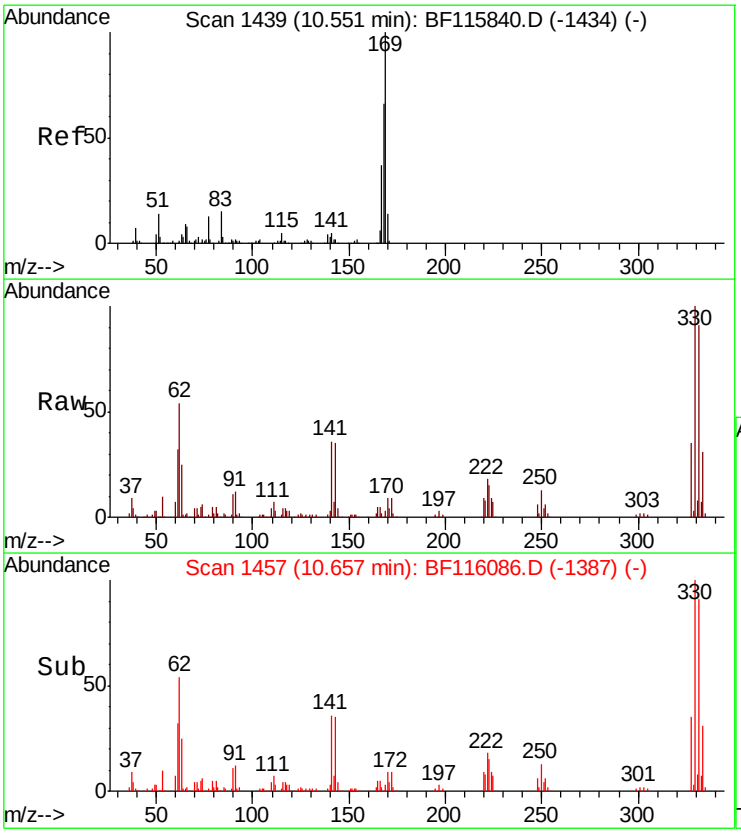
#65
4,6-Dinitro-2-methylphenol
Concen: 190.855 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.16 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-055

Tgt Ion:198 Resp: 266

Ion	Ratio	Lower	Upper
198	100		
51	26.5	17.0	57.0
105	36.7	21.6	61.6

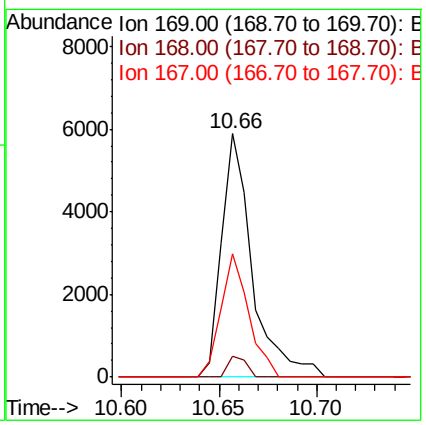


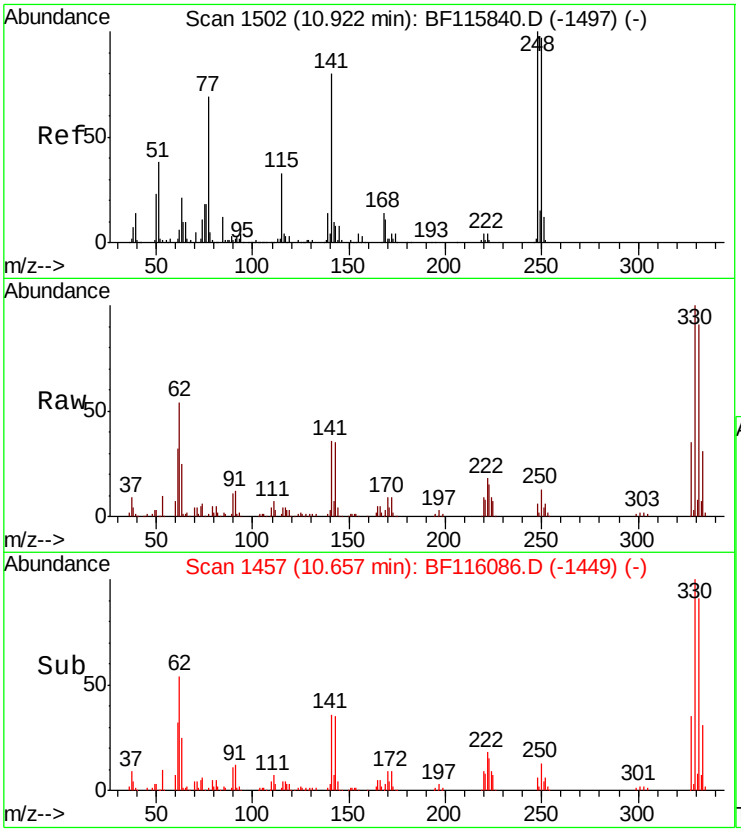


#66
n-Nitrosodiphenylamine
Concen: 813.033 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.11 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion:169 Resp: 6436

Ion	Ratio	Lower	Upper
169	100		
168	8.6	53.8	80.6#
167	50.4	29.6	44.4#



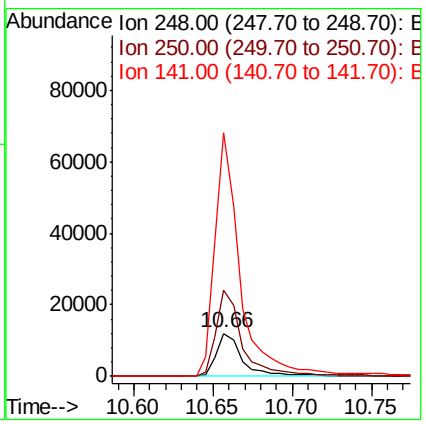


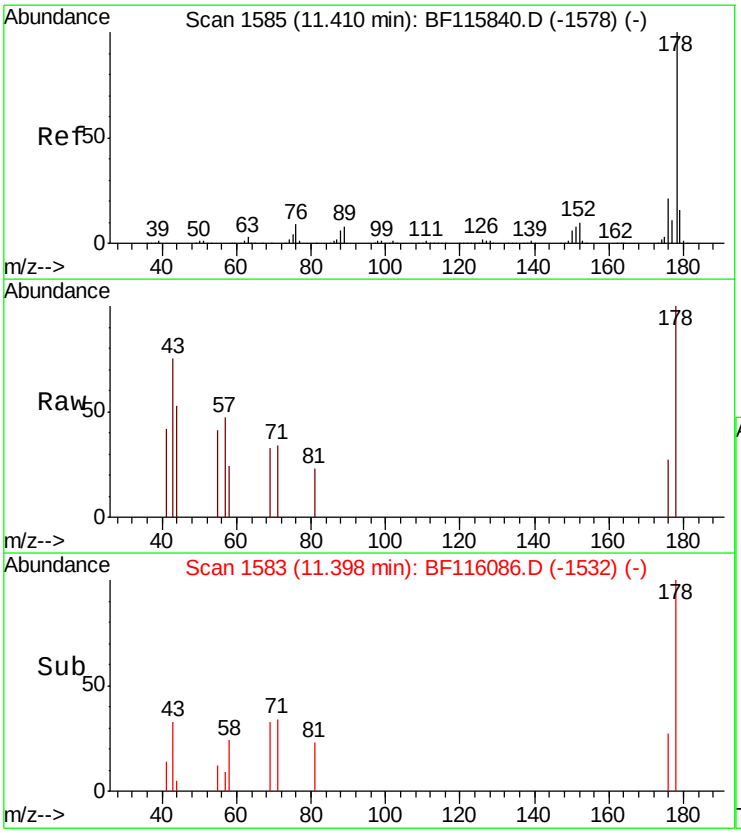
#67
4-Bromophenyl-phenylether
Concen: 4853.646 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.25 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-055

Tgt Ion:248 Resp: 13665

Ion	Ratio	Lower	Upper
248	100		
250	199.8	77.4	116.2#
141	563.4	56.8	85.2#

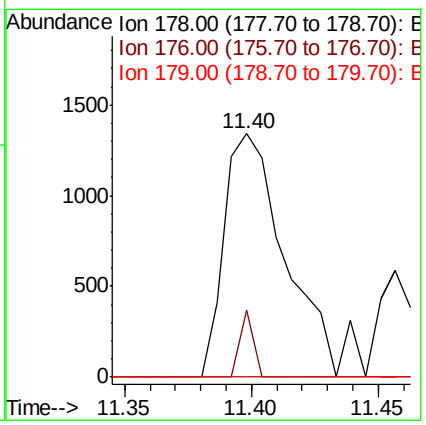


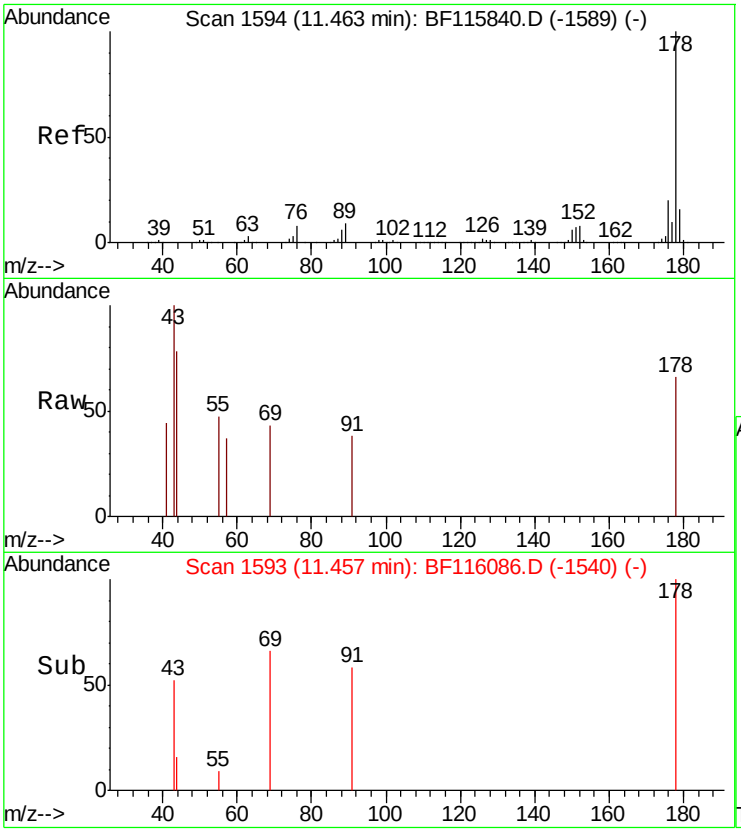


#71
Phenanthrene
Concen: 165.562 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion:178 Resp: 2226

Ion	Ratio	Lower	Upper
178	100		
176	27.3	16.6	24.8#
179	0.0	12.5	18.7#



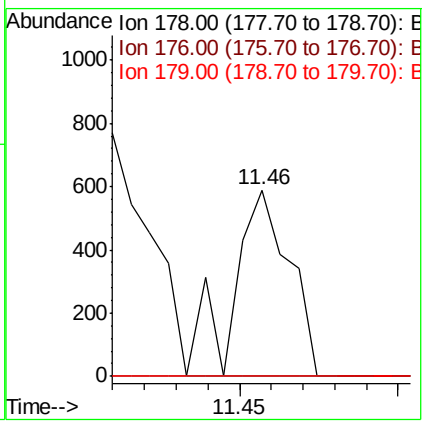


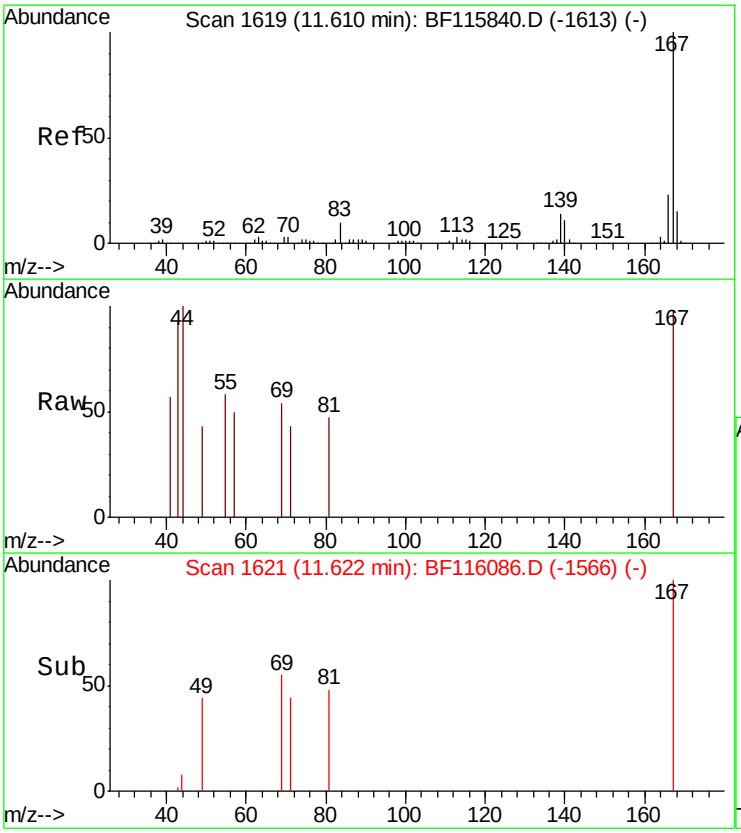
#72
Anthracene
Concen: 53.502 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.01 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-055

Tgt Ion:178 Resp: 728

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.7	23.5#
179	0.0	13.0	19.6#

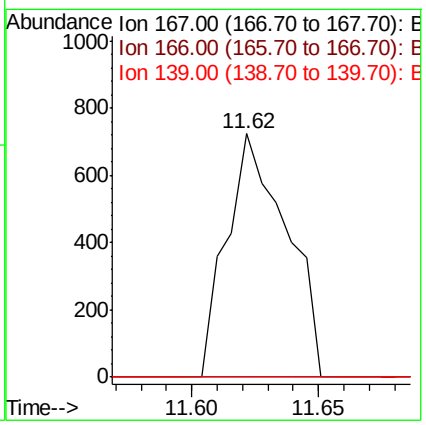


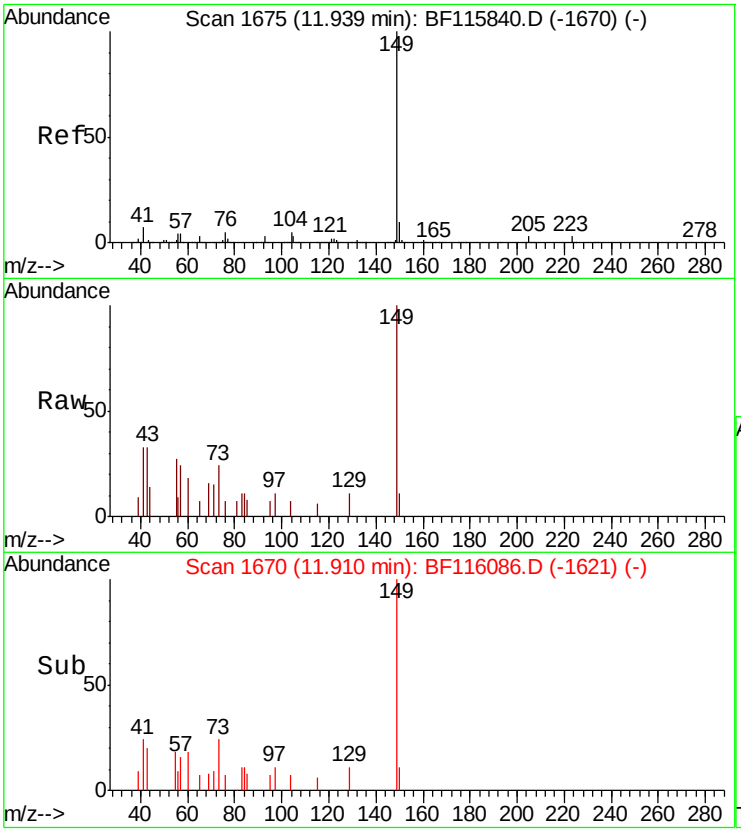


#73
Carbazole
Concen: 96.234 ng
RT: 11.62 min Scan# 1621
Delta R.T. 0.02 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion:167 Resp: 1188

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.8	26.6#
139	0.0	11.4	17.0#



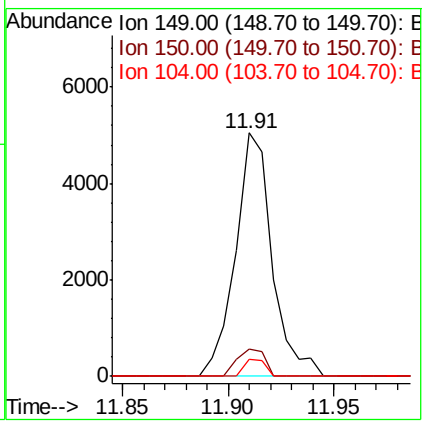


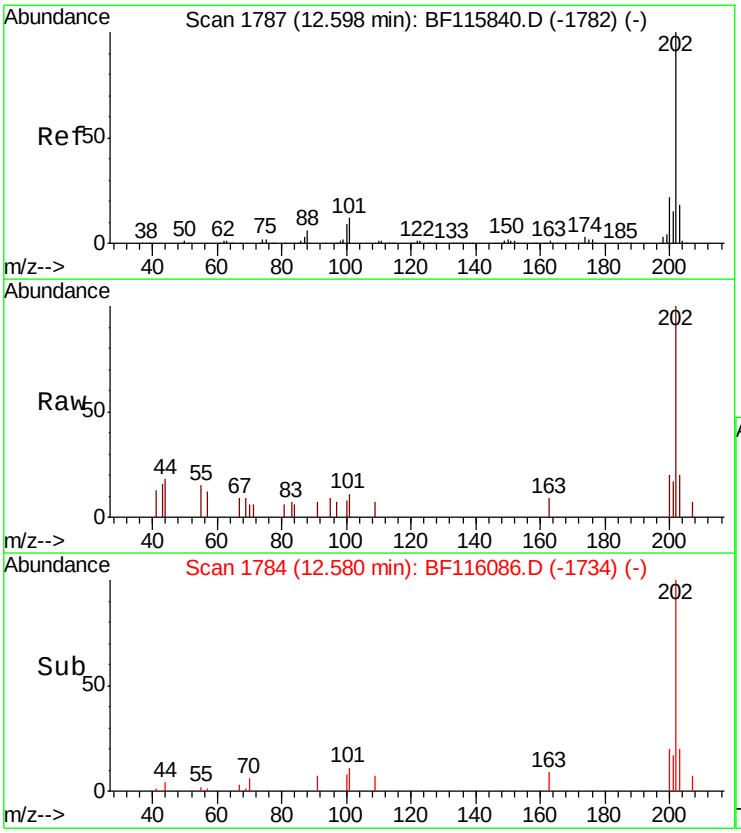
#74
Di-n-butylphthalate
Concen: 422.124 ng
RT: 11.91 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-055

Tgt Ion:149 Resp: 6079

Ion	Ratio	Lower	Upper
149	100		
150	11.0	8.0	12.0
104	6.9	4.5	6.7#

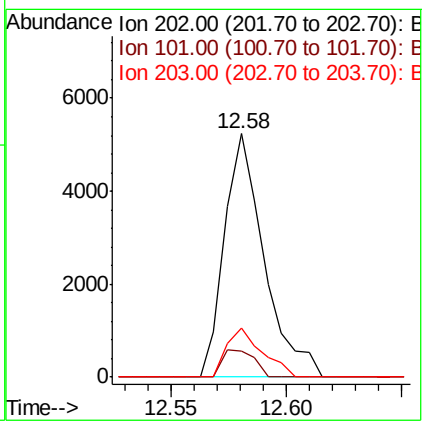


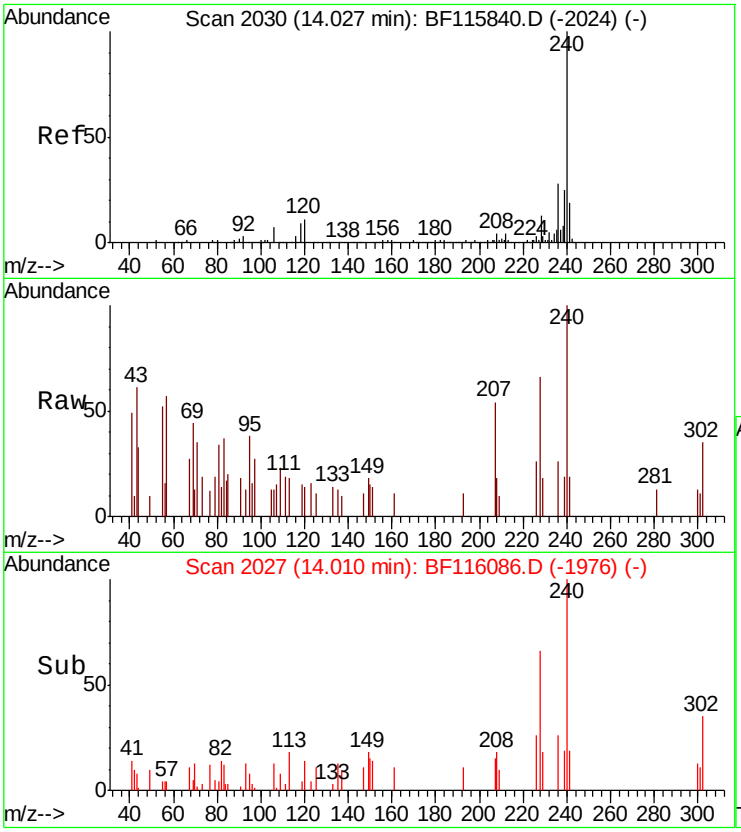


#75
Fluoranthene
Concen: 444.311 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion:202 Resp: 6254

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.2
203	19.9	0.0	37.8



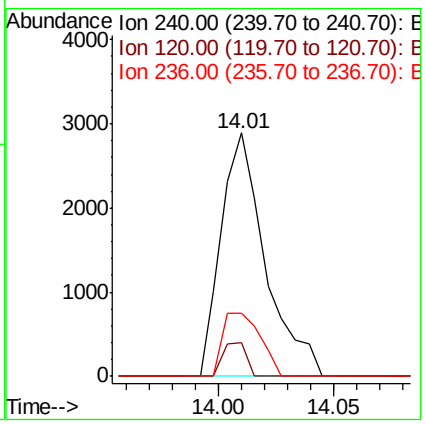


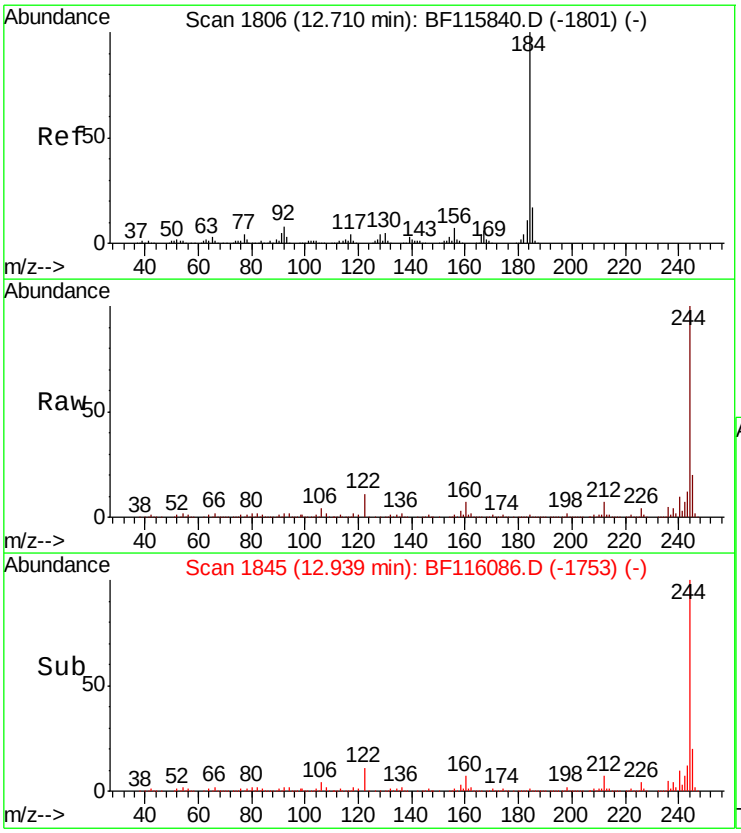
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-055

Tgt Ion:240 Resp: 3850

Ion	Ratio	Lower	Upper
240	100		
120	14.1	10.7	16.1
236	26.1	22.2	33.2

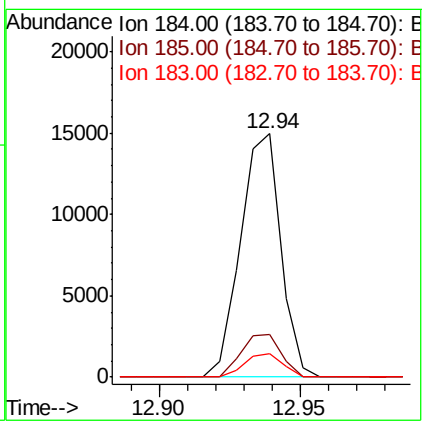


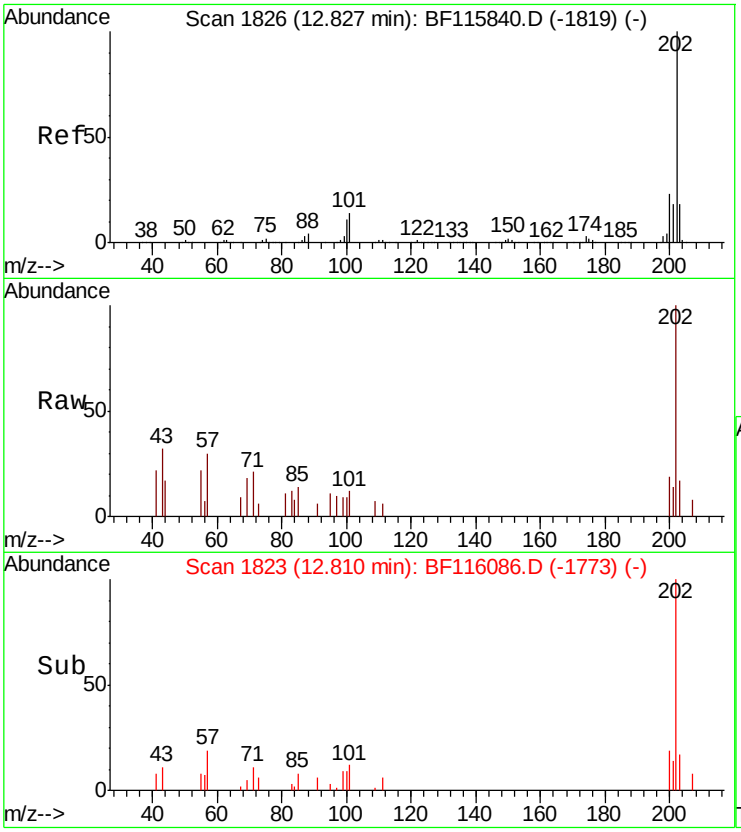


#77
Benzidine
Concen: 113.624 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.24 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion:184 Resp: 14779

Ion	Ratio	Lower	Upper
184	100		
185	17.3	12.8	19.2
183	9.5	9.4	14.0



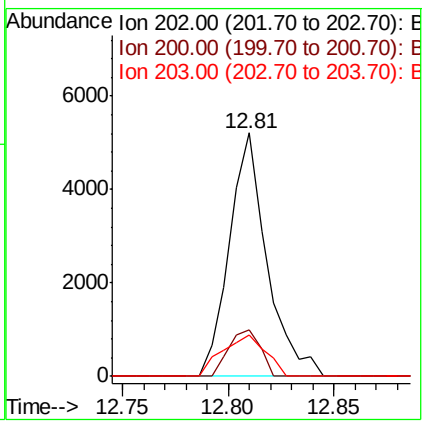


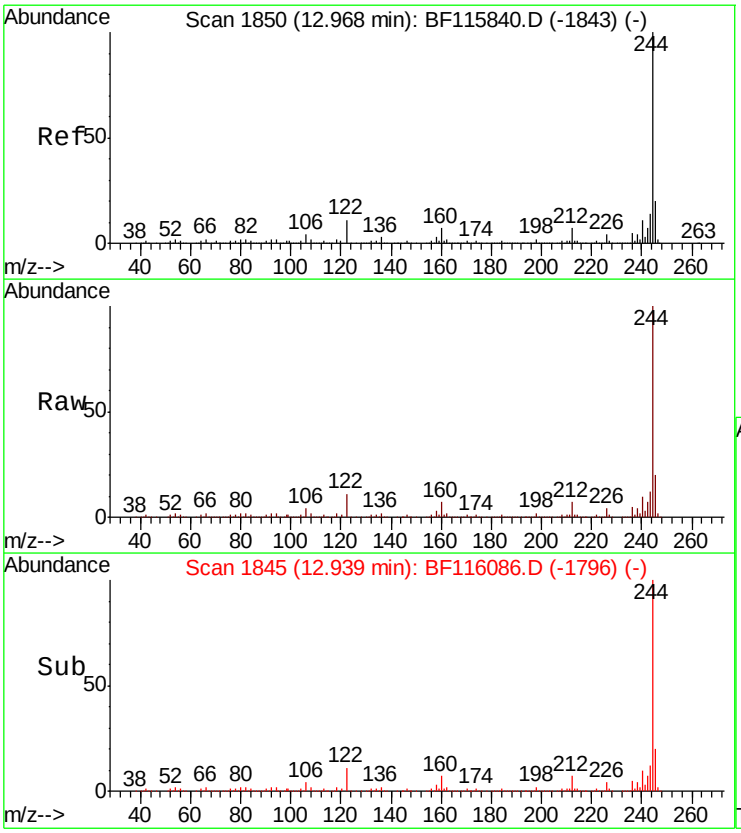
#78
Pyrene
Concen: 22.080 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-055

Tgt Ion:202 Resp: 6408

Ion	Ratio	Lower	Upper
202	100		
200	19.0	18.0	27.0
203	16.8	14.1	21.1

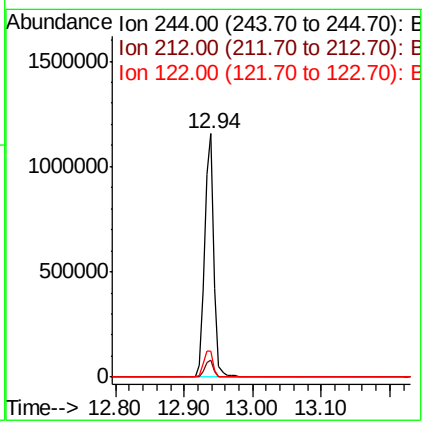


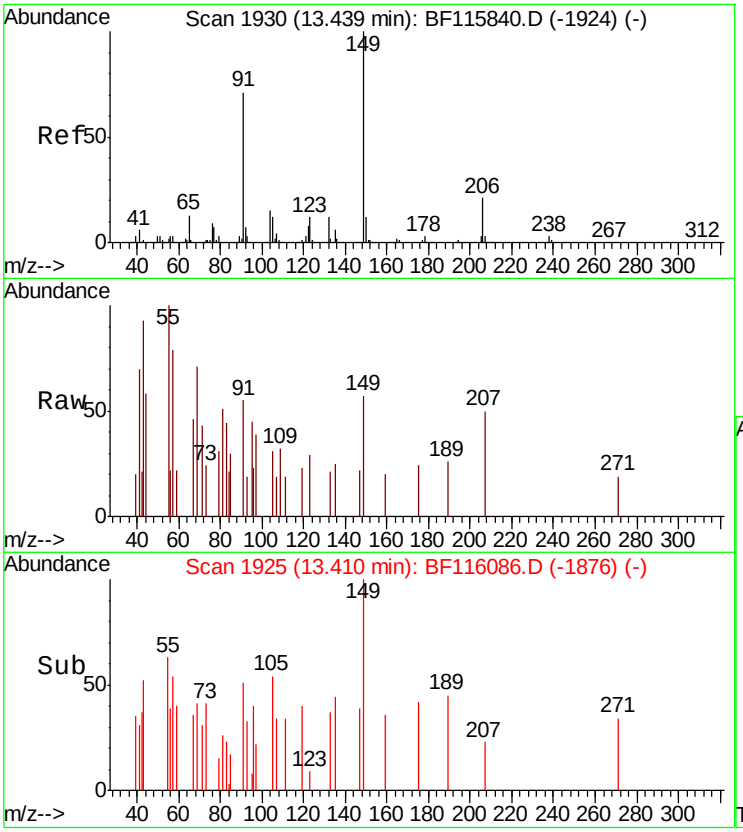


#79
Terphenyl-d14
Concen: 6050.471 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion:244 Resp: 1105481

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.9	9.0	13.4



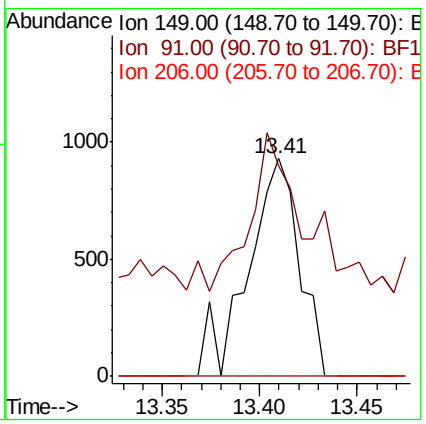


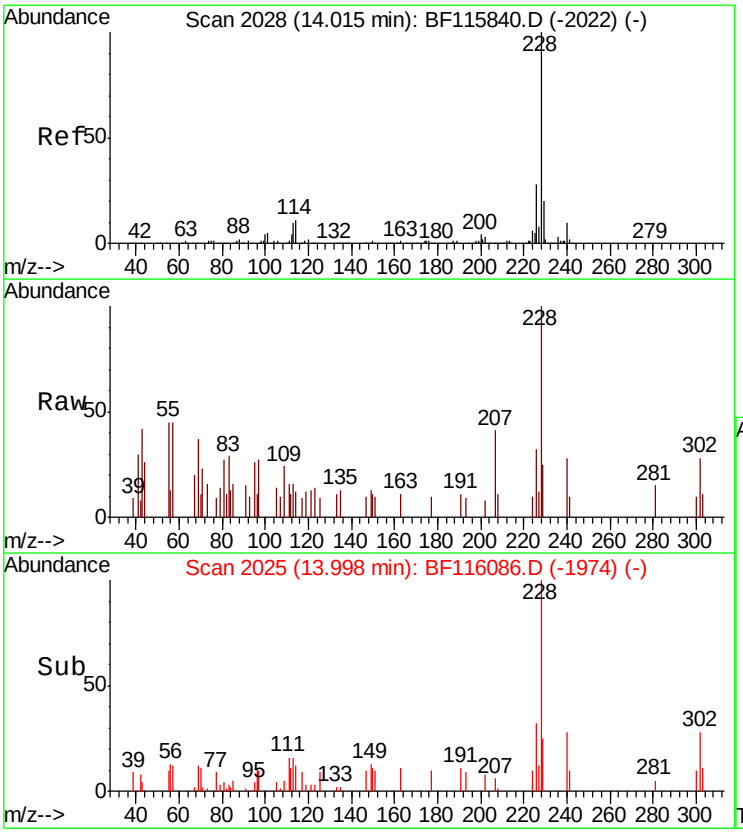
#80
Butylbenzylphthalate
Concen: 13.774 ng
RT: 13.41 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-055

Tgt Ion:149 Resp: 1691

Ion	Ratio	Lower	Upper
149	100		
91	97.0	56.3	84.5#
206	0.0	18.0	27.0#

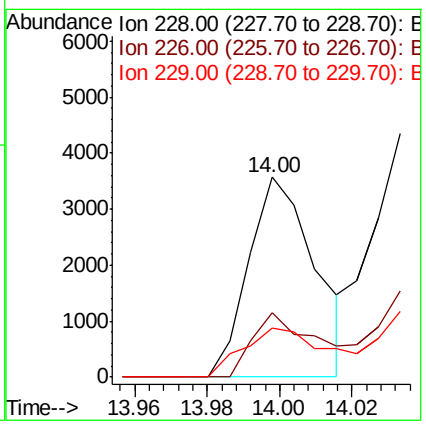


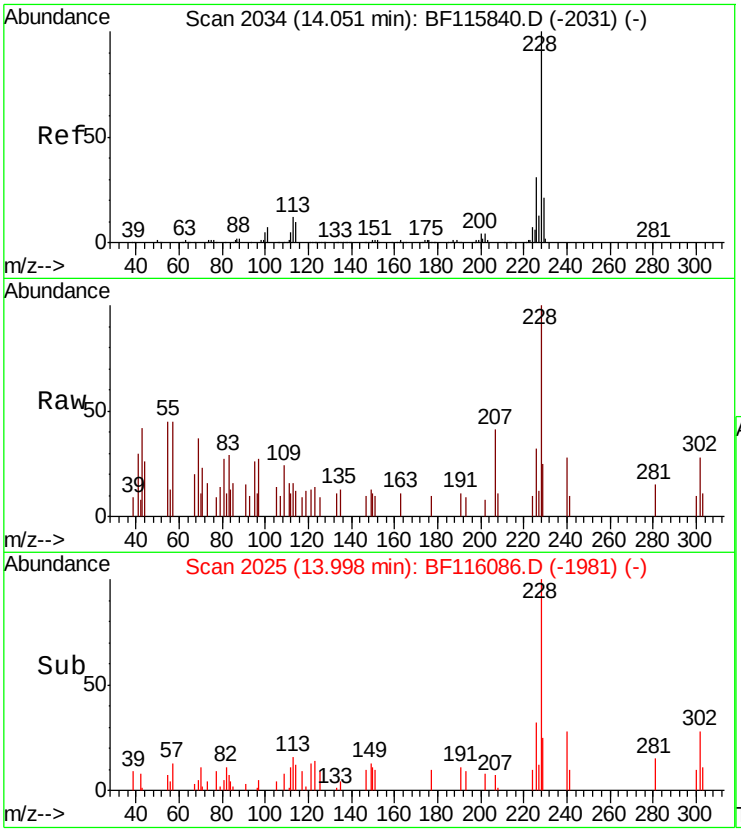


#81
Benzo(a)anthracene
Concen: 18.506 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion:228 Resp: 4554

Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.7	34.1
229	24.6	16.2	24.4#



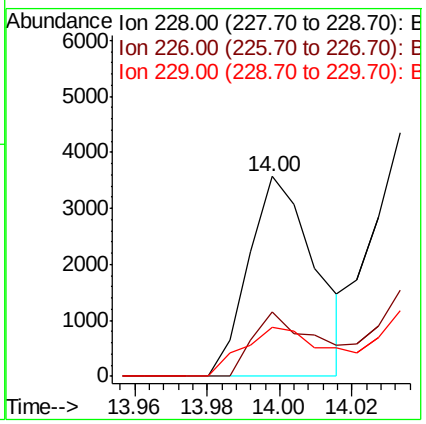


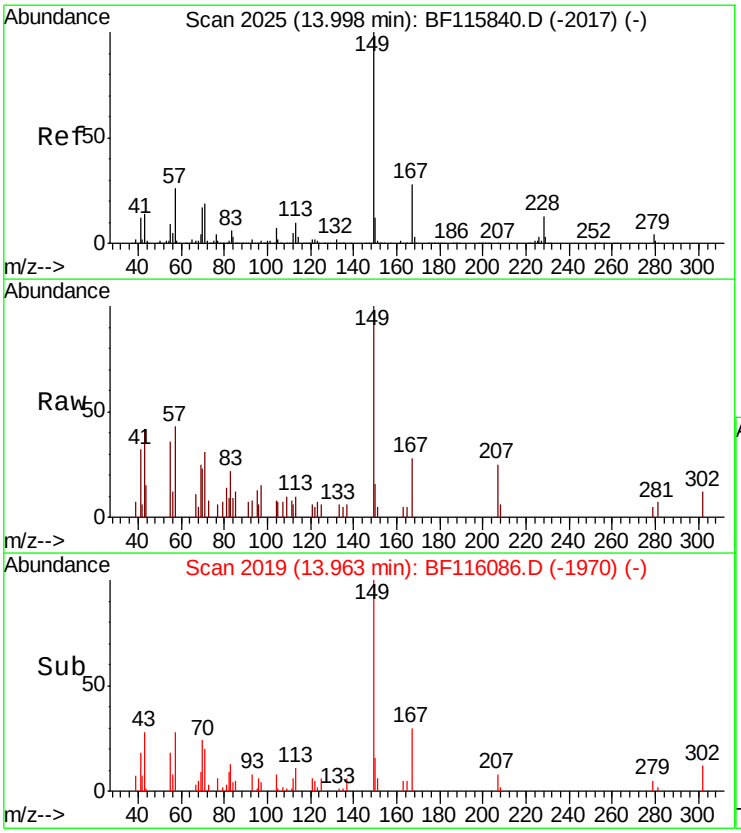
#83
Chrysene
Concen: 19.062 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.04 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-055

Tgt Ion:228 Resp: 4554

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.5	38.3
229	24.6	16.6	24.8

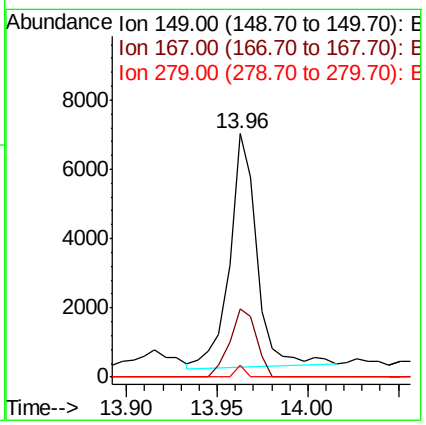


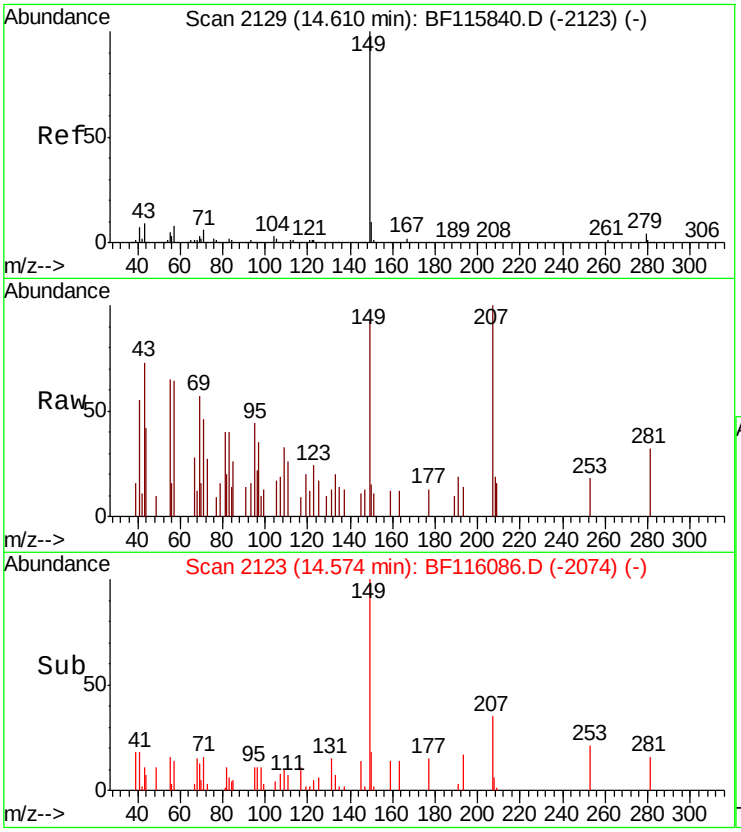


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.405 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion:149 Resp: 7084

Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.6	32.4
279	5.0	3.0	4.4#



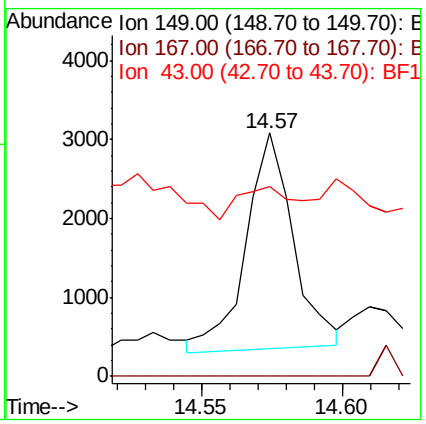


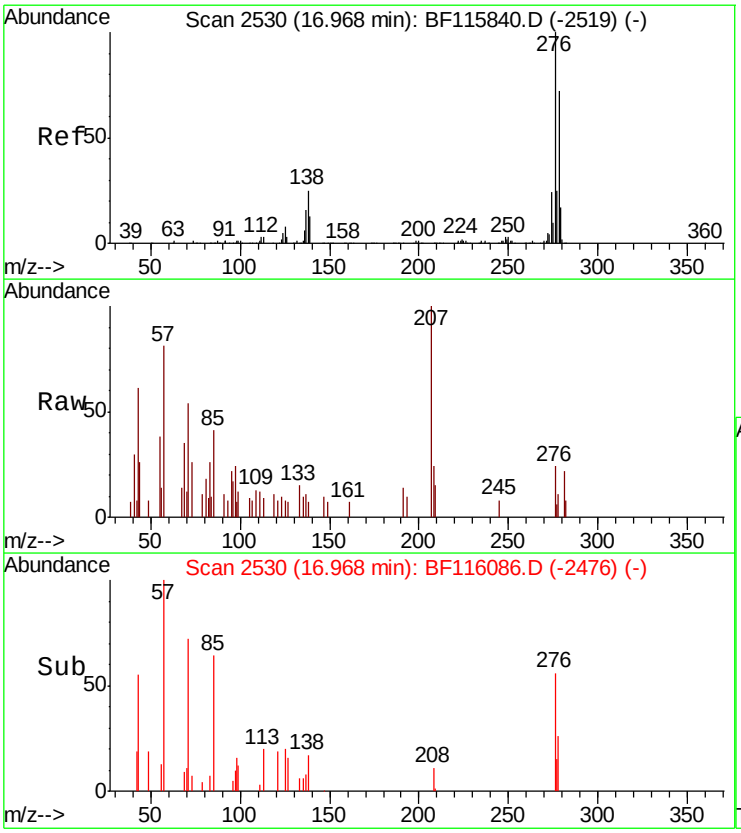
#85
Di-n-octyl phthalate
Concen: 12.668 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-055

Tgt Ion:149 Resp: 3210

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	17.7	7.5	11.3#

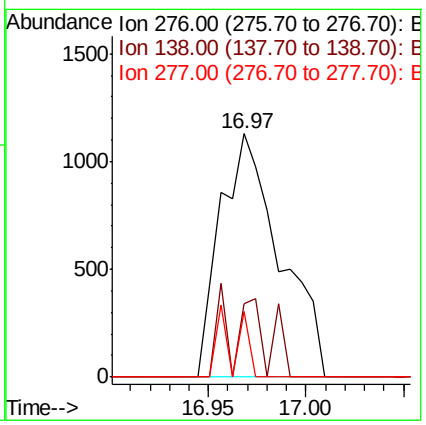


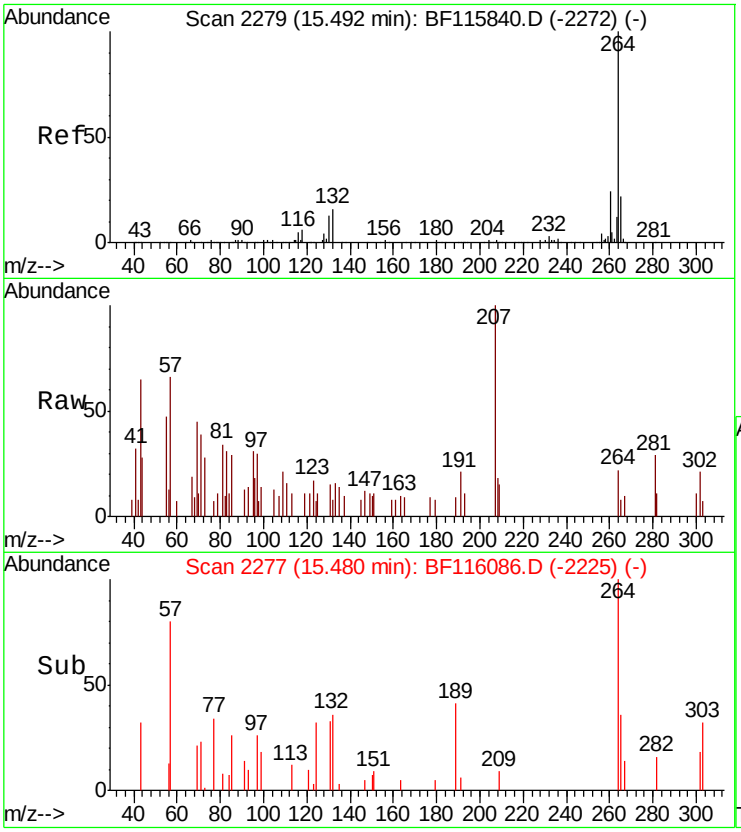


#86
Indeno(1,2,3-cd)pyrene
Concen: 11.901 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.02 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion:276 Resp: 2388

Ion	Ratio	Lower	Upper
276	100		
138	15.5	20.4	30.6#
277	0.0	20.0	30.0#



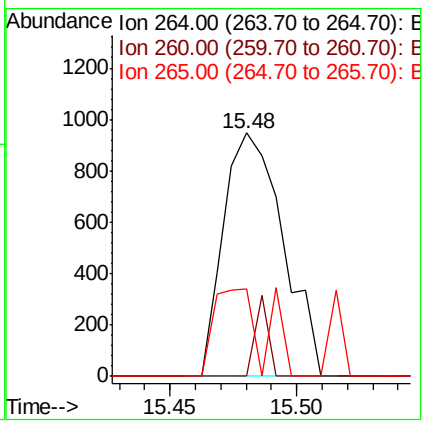


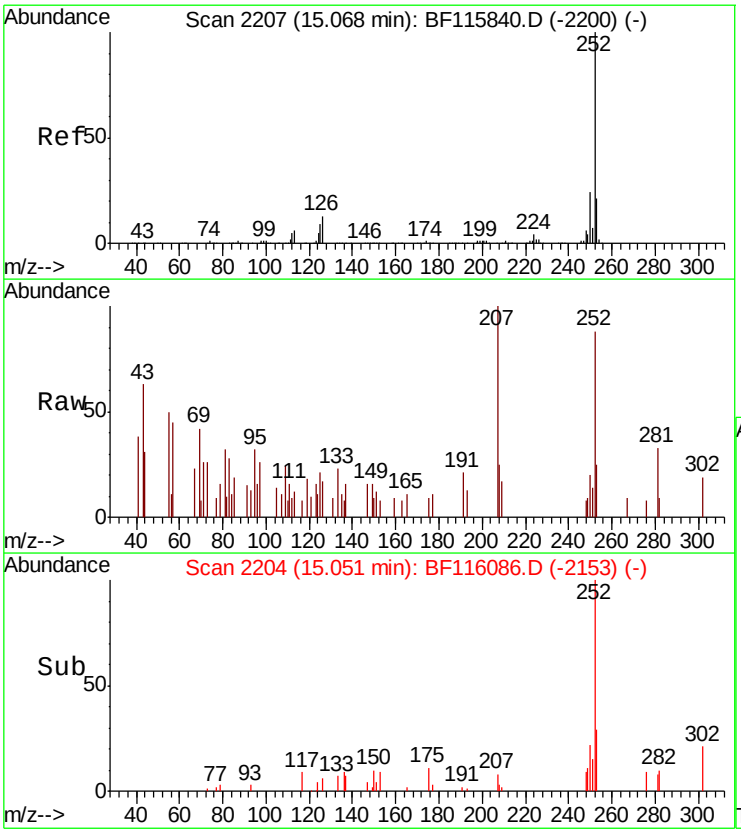
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-055

Tgt Ion:264 Resp: 1549

Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.7	29.5#
265	36.0	17.4	26.0#

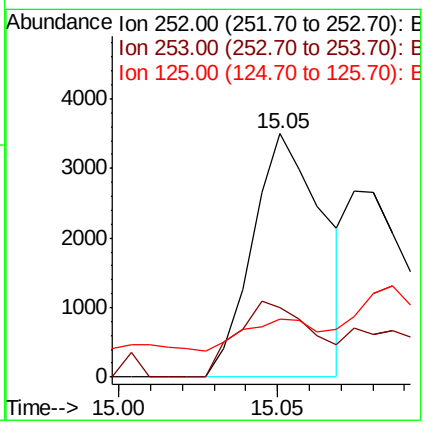


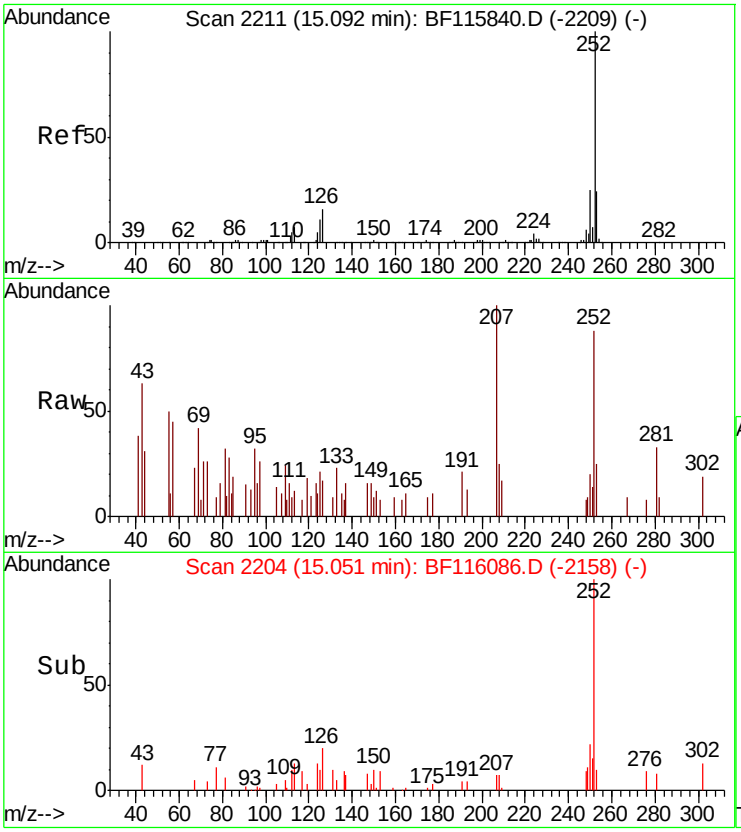


#88
Benzo(b)fluoranthene
Concen: 60.615 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion:252 Resp: 5429

Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.8	26.8#
125	23.9	8.4	12.6#



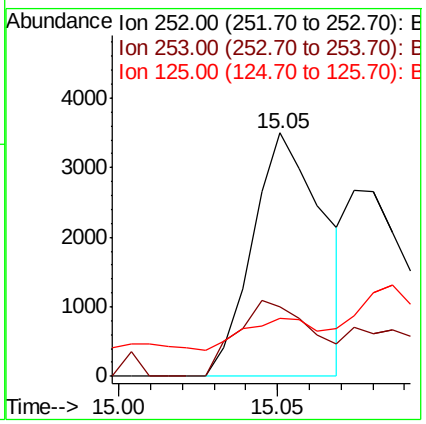


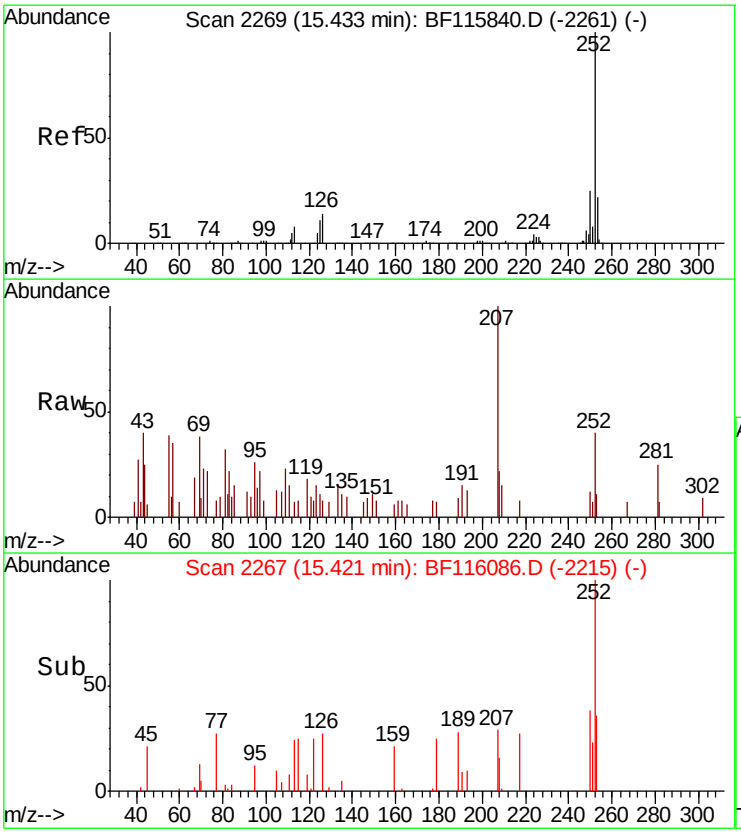
#89
Benzo(k)fluoranthene
Concen: 62.233 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-055

Tgt Ion:252 Resp: 5429

Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.8	26.8#
125	23.9	7.7	11.5#

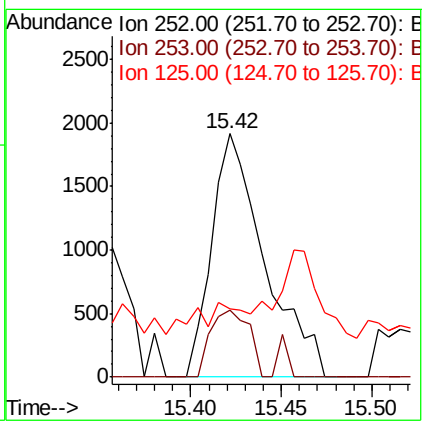


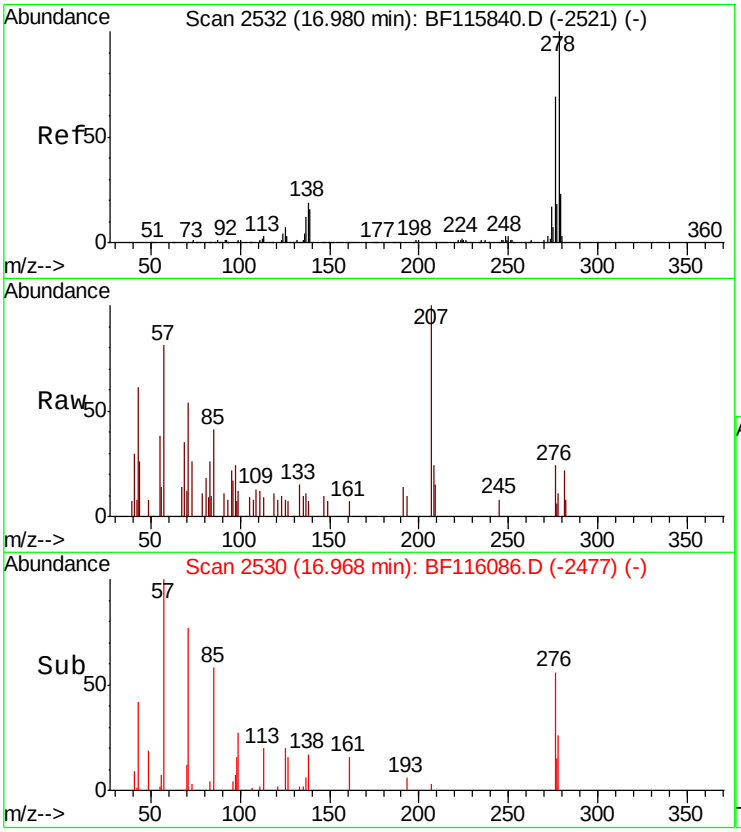


#90
Benzo(a)pyrene
Concen: 48.611 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion:252 Resp: 3892

Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.0	27.0#
125	27.9	8.9	13.3#



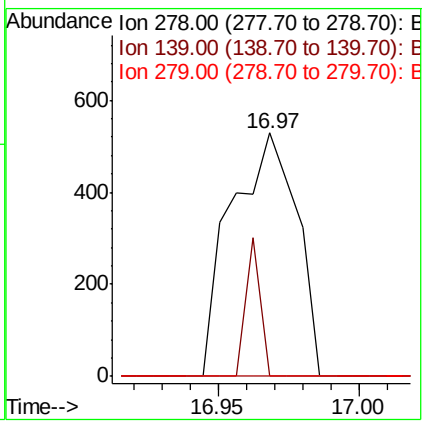


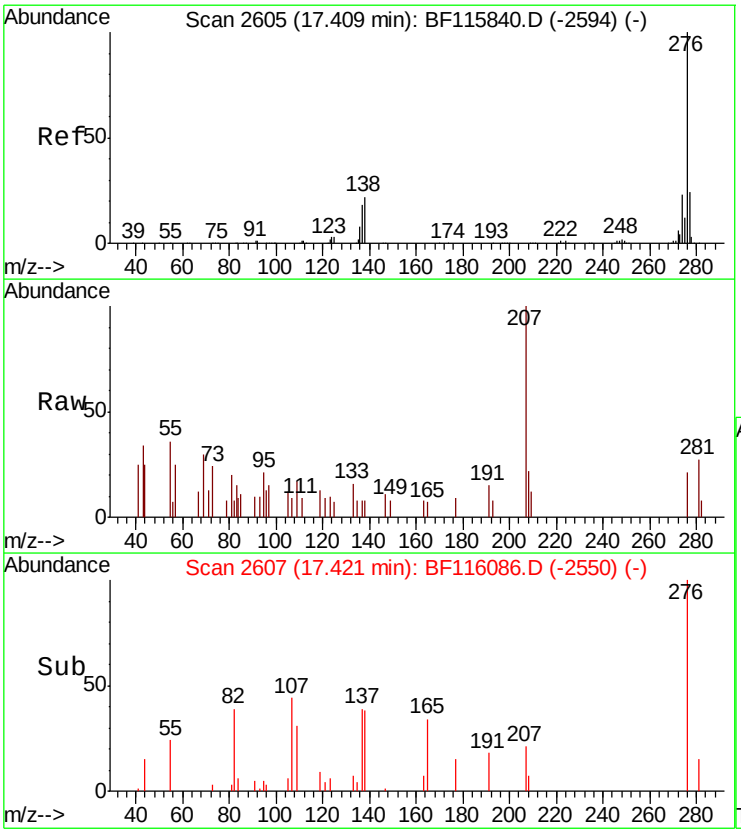
#91
Dibenzo(a,h)anthracene
Concen: 12.279 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-055

Tgt Ion:278 Resp: 851

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.8	19.2#
279	0.0	18.8	28.2#





#92
Benzo(g,h,i)perylene
Concen: 36.290 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.04 min
Lab File: BF116086.D
Acq: 8 Aug 2019 23:51

Tgt Ion:276 Resp: 2470

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.4	27.6#
138	38.0	17.0	25.6#