Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041620\
Data File : BF120029.D
Acq On : 16 Apr 2020 12:07
Operator : MA/SJ
Sample : L2230-21 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12-B

Quant Time: Apr 16 12:36:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 16 10:48:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	140643	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	530160	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	252073	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	428136	20.00	ng		0.00
76) Chrysene-d12	13.89	240	249611	20.00	ng		0.00
87) Perylene-d12	15.32	264	255277	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	158332	19.46	ng		0.00
7) Phenol-d6	6.35	99	202751	19.33	ng		-0.01
23) Nitrobenzene-d5	7.28	82	124627	12.16	ng		-0.02
42) 2,4,6-Tribromophenol	10.55	330	42925	13.91	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	261204	14.71	ng		0.00
79) Terphenyl-d14	12.84	244	210642	14.20	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.27	77	464	Below Cal		#	30
19) n-Nitroso-di-n-propylamine	7.28	70	16160	2.396	ng	#	78
25) Isophorone	7.28	82	121609	6.156	ng	#	65
50) Dimethylphthalate	9.49	163	43318	2.222	ng	#	99
51) 2,6-Dinitrotoluene	9.76	165	31028	7.267	ng	#	20
57) 2,4-Dinitrotoluene	9.76	165	31028	5.516	ng	#	23
71) Phenanthrene	11.27	178	102760	4.510	ng		99
75) Fluoranthene	12.46	202	144746	5.887	ng		96
78) Pyrene	12.69	202	130020	6.179	ng		98
81) Benzo(a)anthracene	13.88	228	64512	3.929	ng		98
83) Chrysene	13.92	228	56798	3.404	ng		95
84) Bis(2-ethylhexyl)phthalate	13.88	149	41796	3.023	ng		95
85) Di-n-octyl phthalate	14.49	149	56471	2.399	ng	#	94
86) Indeno(1,2,3-cd)pyrene	16.69	276	40062	2.724	ng		96
88) Benzo(b)fluoranthene	14.90	252	106940	5.823	ng		95
89) Benzo(k)fluoranthene	14.90	252	106940	6.749	ng		95
90) Benzo(a)pyrene	15.25	252	58714	3.803	ng	#	94
92) Benzo(g,h,i)perylene	17.11	276	37381	2.769	ng	#	94

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

Quantitation Report (Not Reviewed)

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Acq On : 16 Apr 2020 12:07
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TP-12-B

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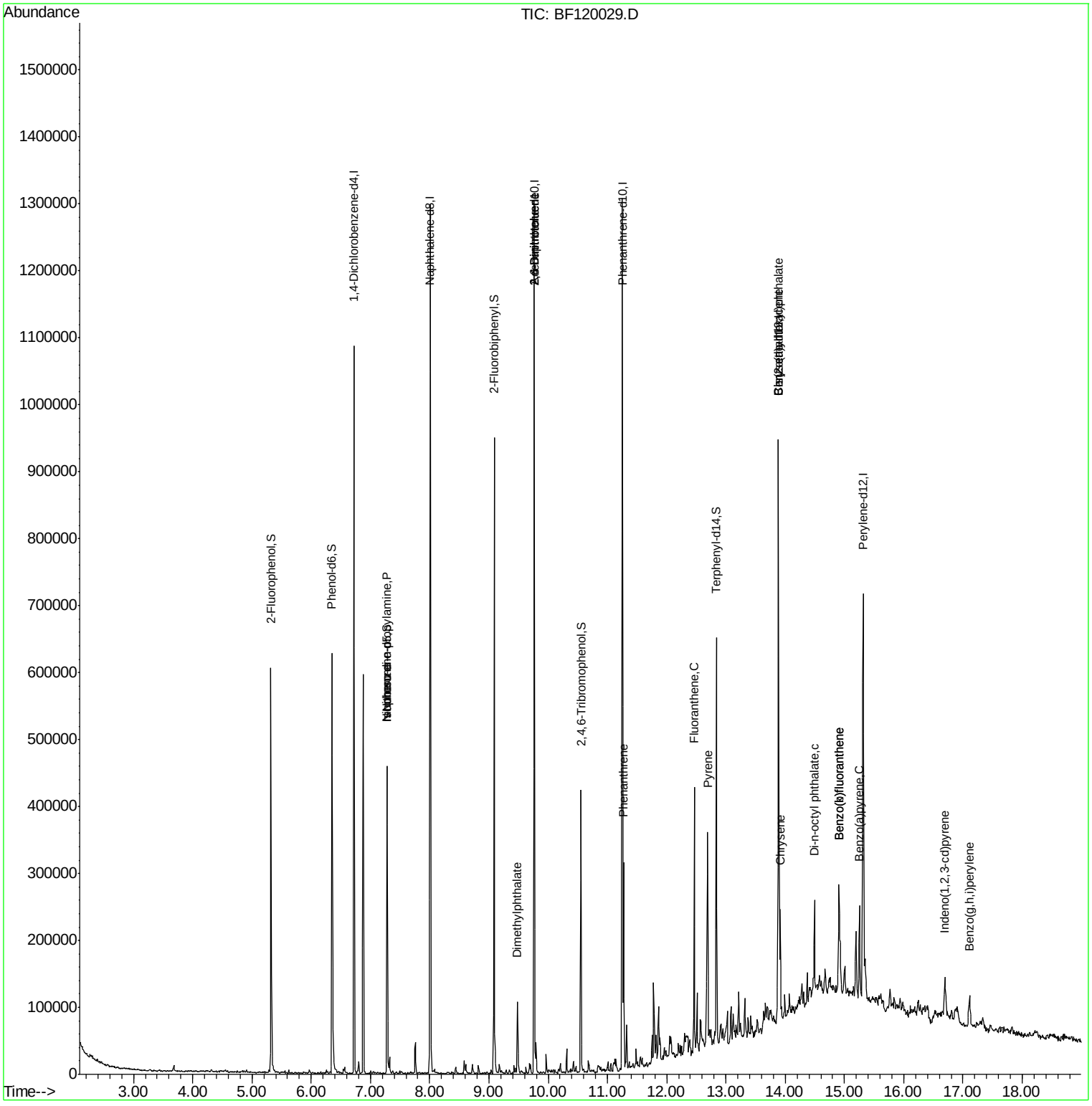
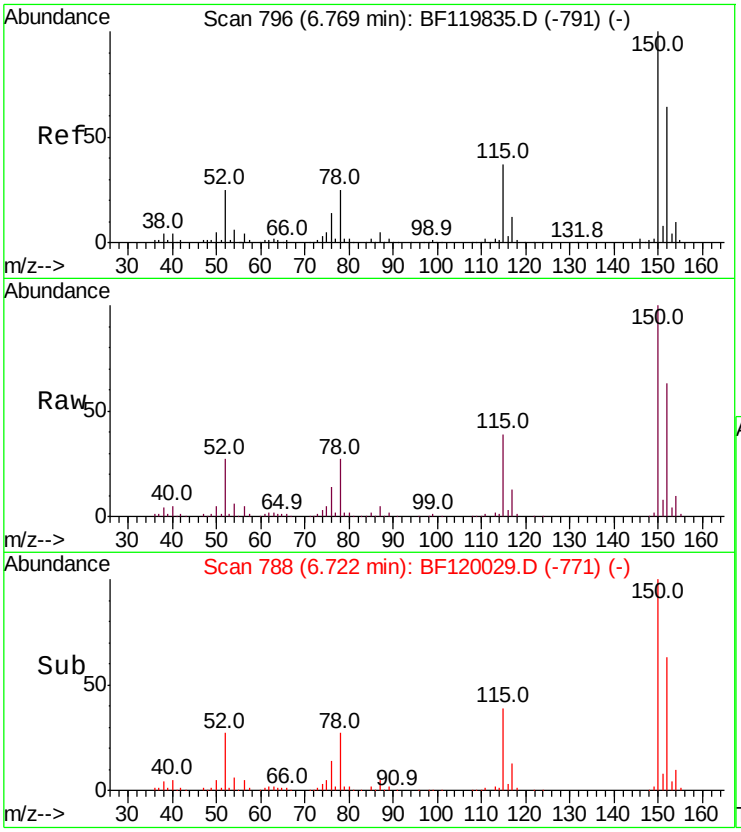


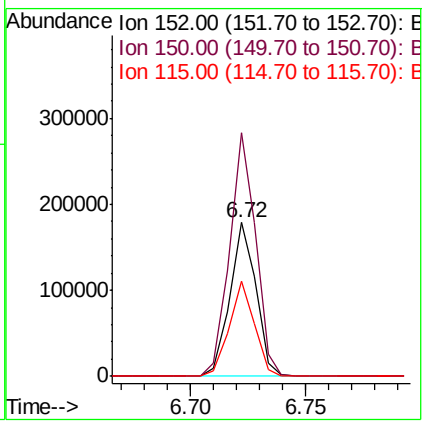


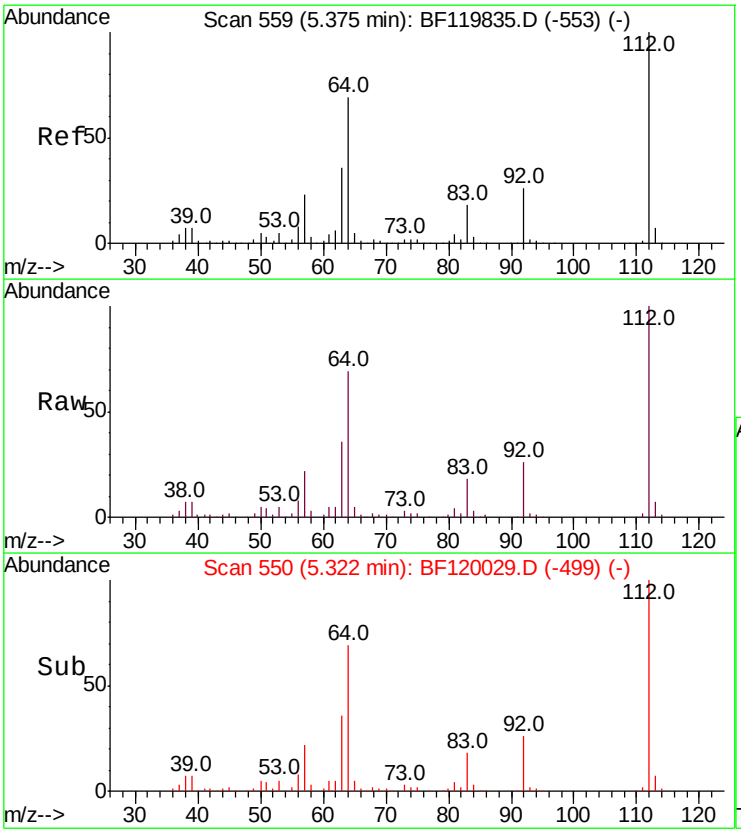
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Instrument :
BNA_F
ClientSampleId :
TP-12-B

Tgt Ion:152 Resp: 140643

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.8	187.2
115	61.7	46.5	69.7

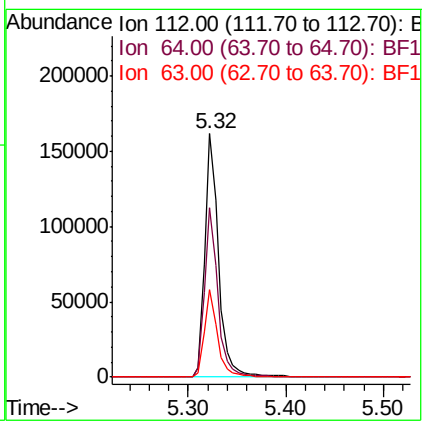


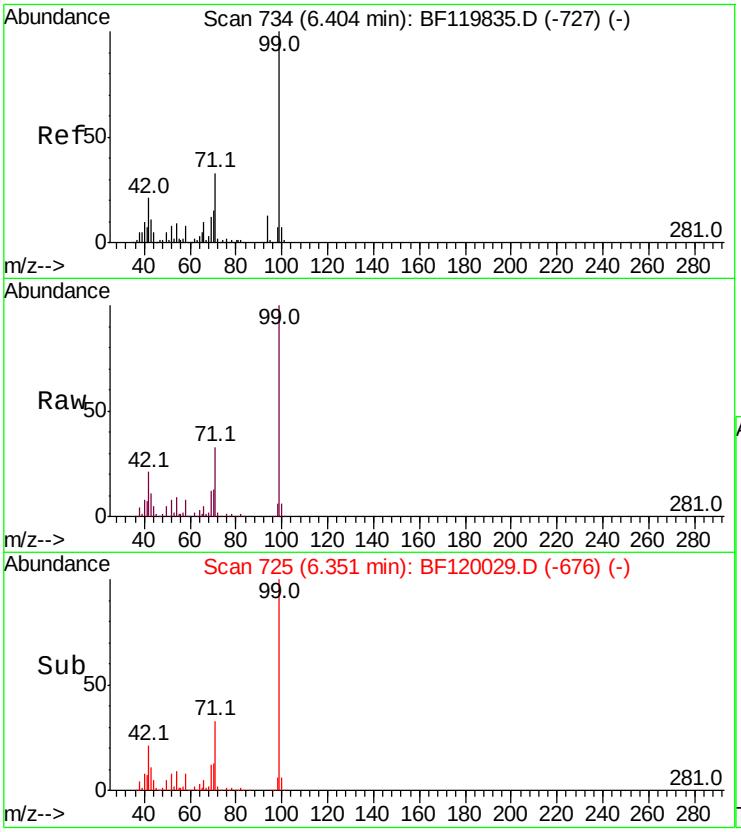


#5
2-Fluorophenol
Concen: 19.455 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Tgt Ion:112 Resp: 158332

Ion	Ratio	Lower	Upper
112	100		
64	69.3	55.5	83.3
63	35.8	29.1	43.7



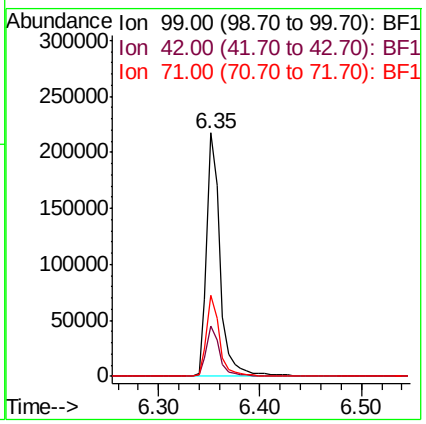


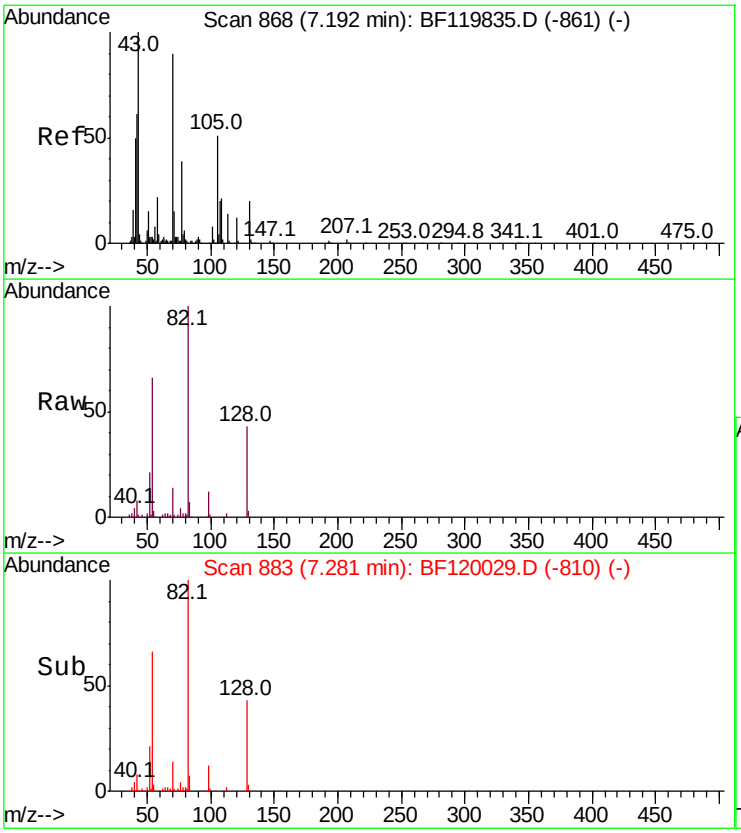
#7
Phenol-d6
Concen: 19.335 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Instrument :
BNA_F
ClientSampleId :
TP-12-B

Tgt Ion: 99 Resp: 202751

Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.9	25.3
71	33.5	26.3	39.5

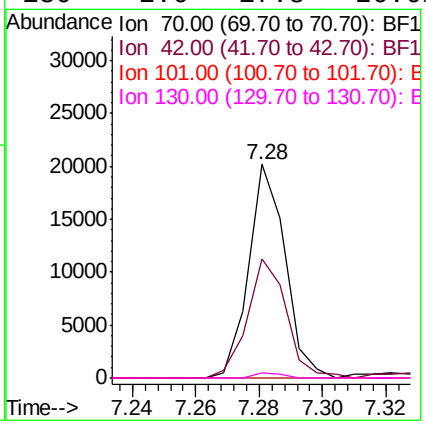


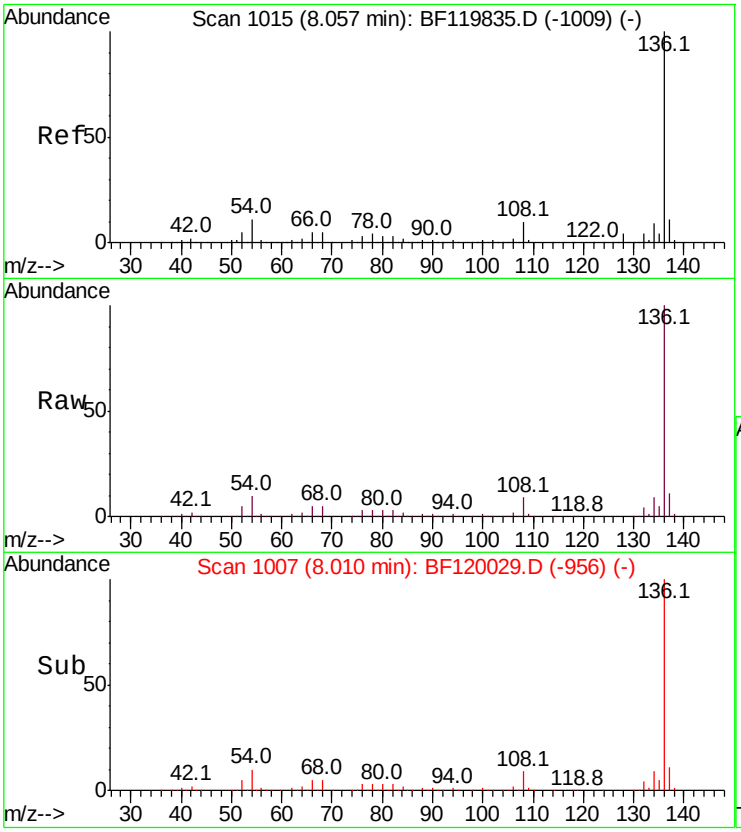


#19
n-Nitroso-di-n-propylamine
Concen: 2.396 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.13 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Tgt Ion: 70 Resp: 16160

Ion	Ratio	Lower	Upper
70	100		
42	55.8	54.2	81.4
101	0.0	7.4	11.2#
130	2.6	17.8	26.6#



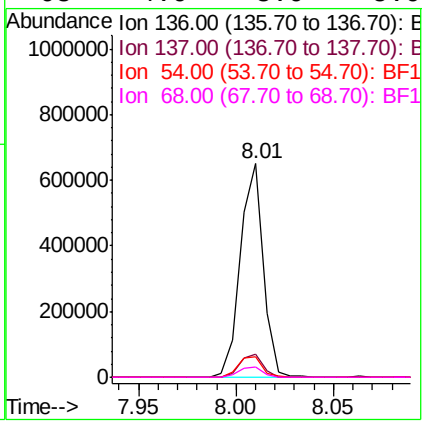


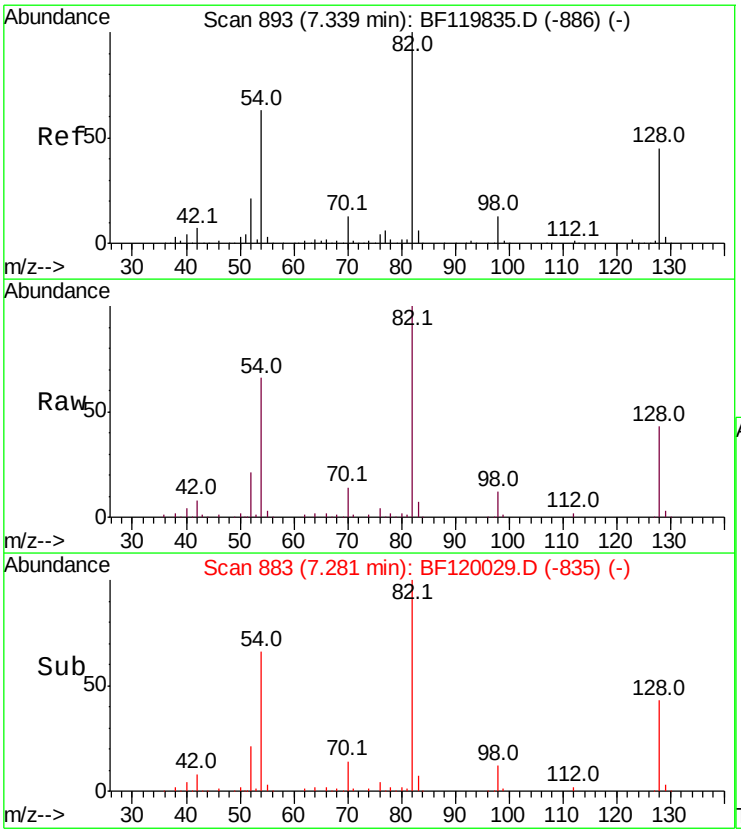
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Instrument :
BNA_F
ClientSampleId :
TP-12-B

Tgt Ion:136 Resp: 530160

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.5	8.5	12.7
68	4.9	3.9	5.9

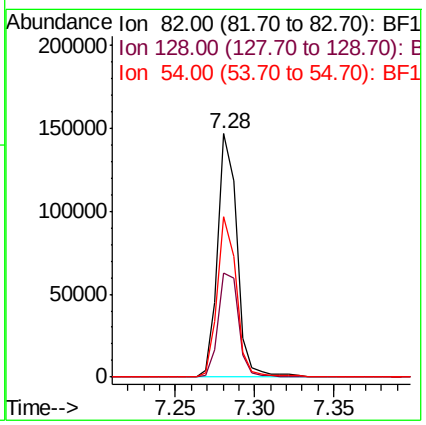


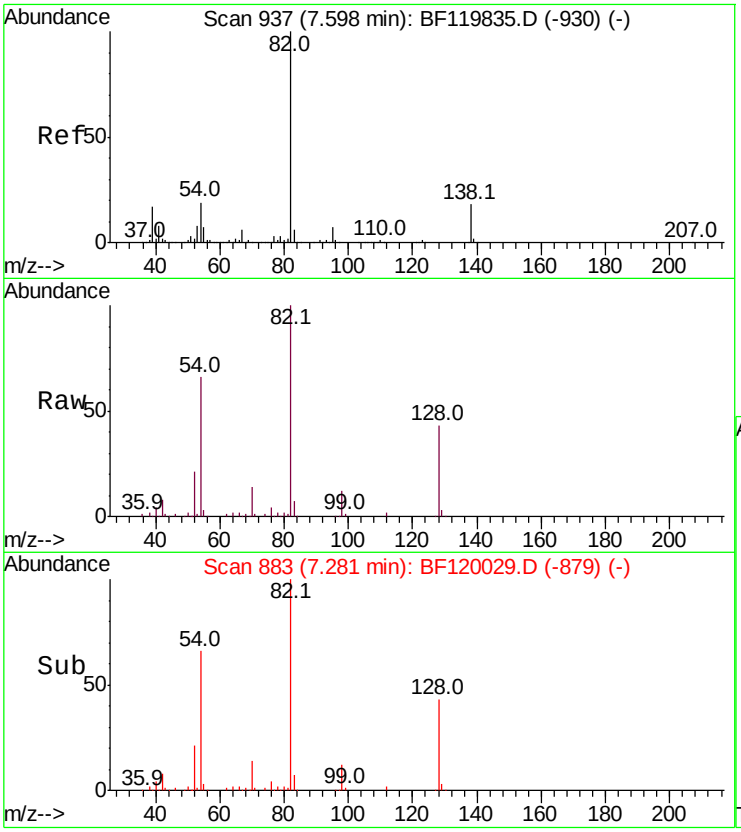


#23
Nitrobenzene-d5
Concen: 12.161 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Tgt Ion: 82 Resp: 124627

Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.2	54.4
54	66.0	50.4	75.6



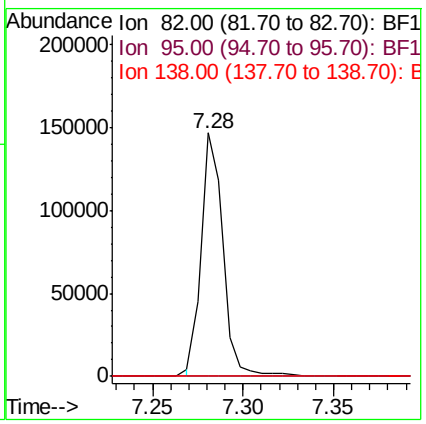


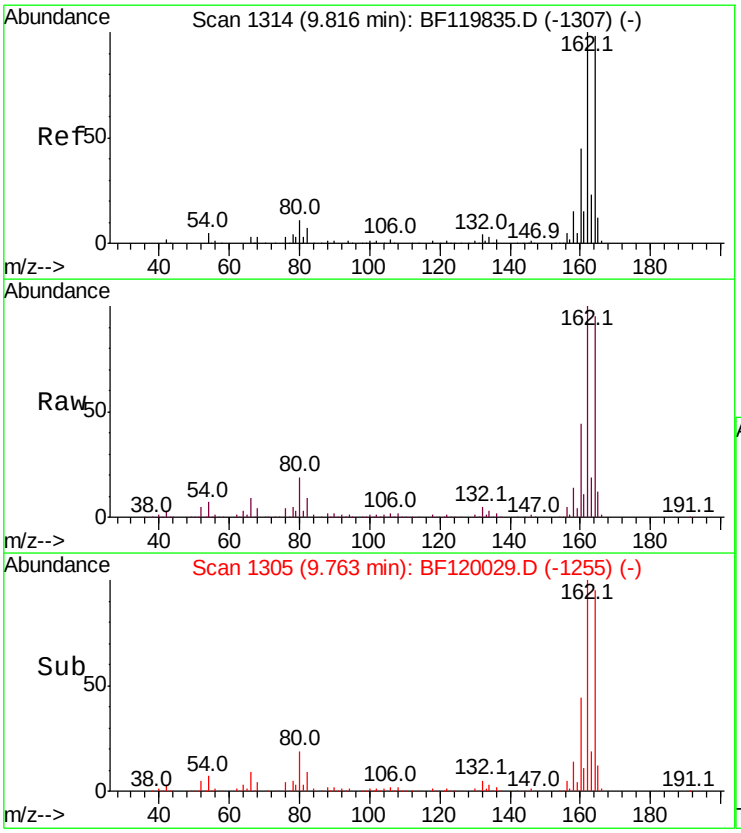
#25
Isophorone
Concen: 6.156 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.28 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Instrument :
BNA_F
ClientSampleId :
TP-12-B

Tgt Ion: 82 Resp: 121609

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.5	21.7#

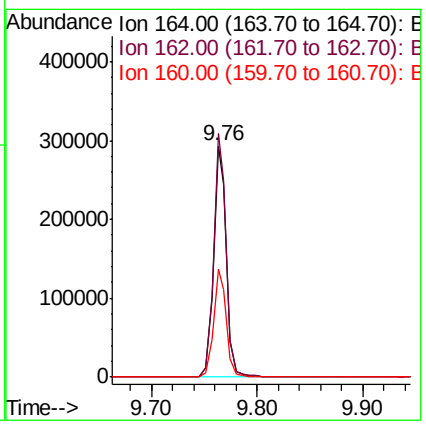


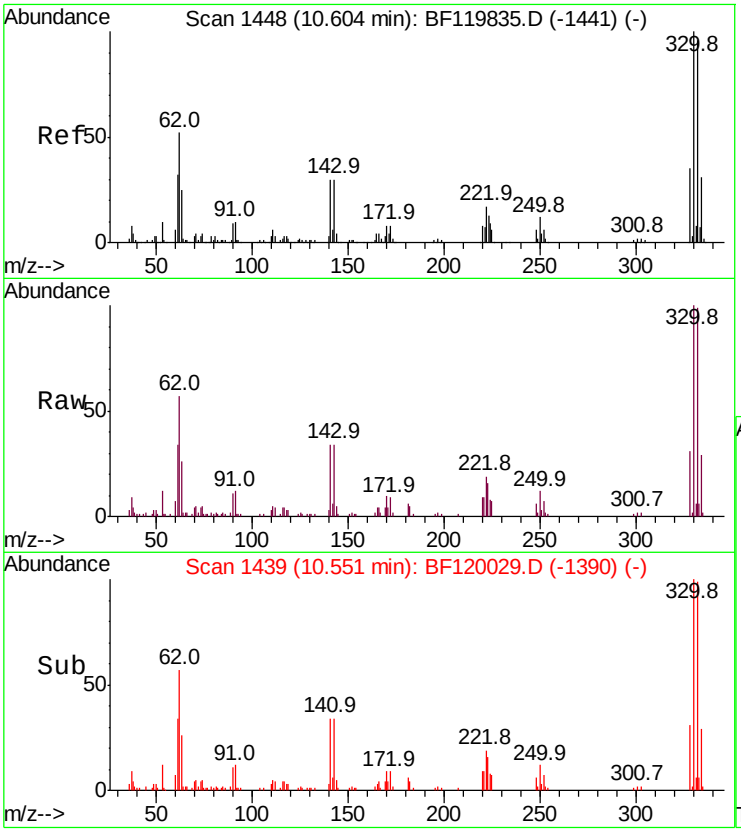


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Tgt Ion:164 Resp: 252073

Ion	Ratio	Lower	Upper
164	100		
162	105.4	81.9	122.9
160	46.6	36.6	54.8



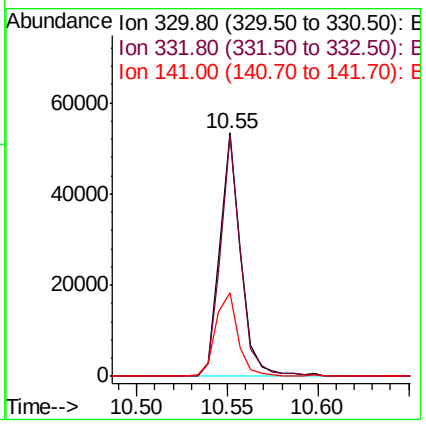


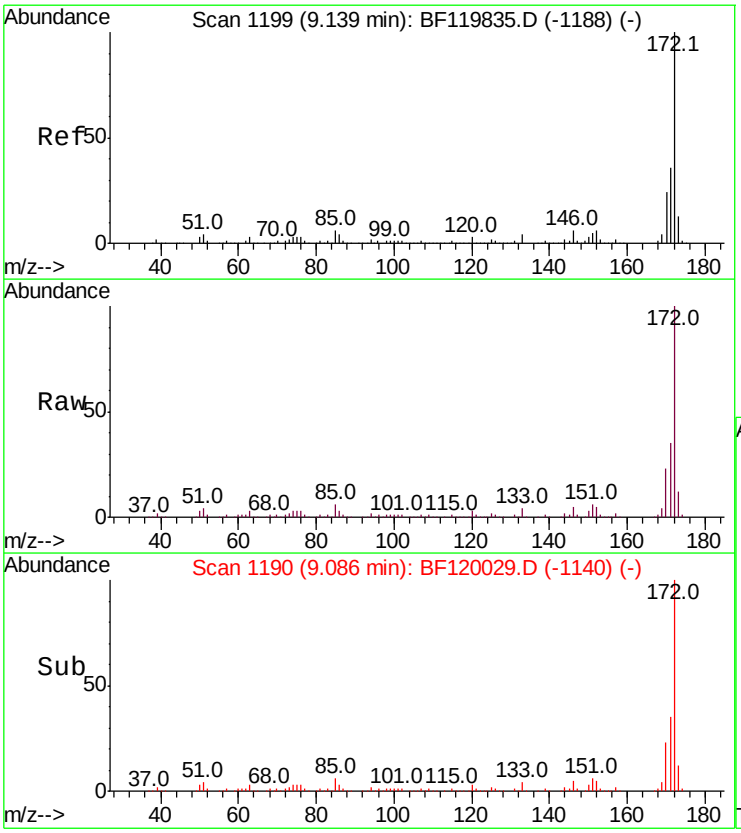
#42
2,4,6-Tribromophenol
Concen: 13.909 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Instrument :
BNA_F
ClientSampleId :
TP-12-B

Tgt Ion:330 Resp: 42925

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	36.6	25.1	37.7

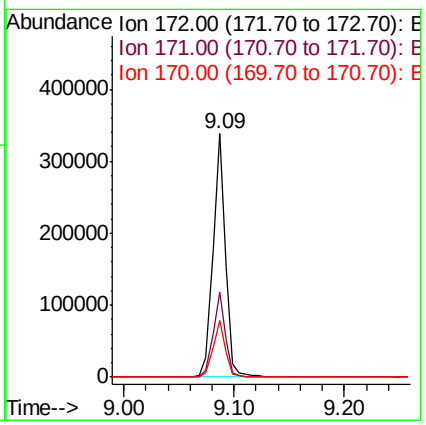


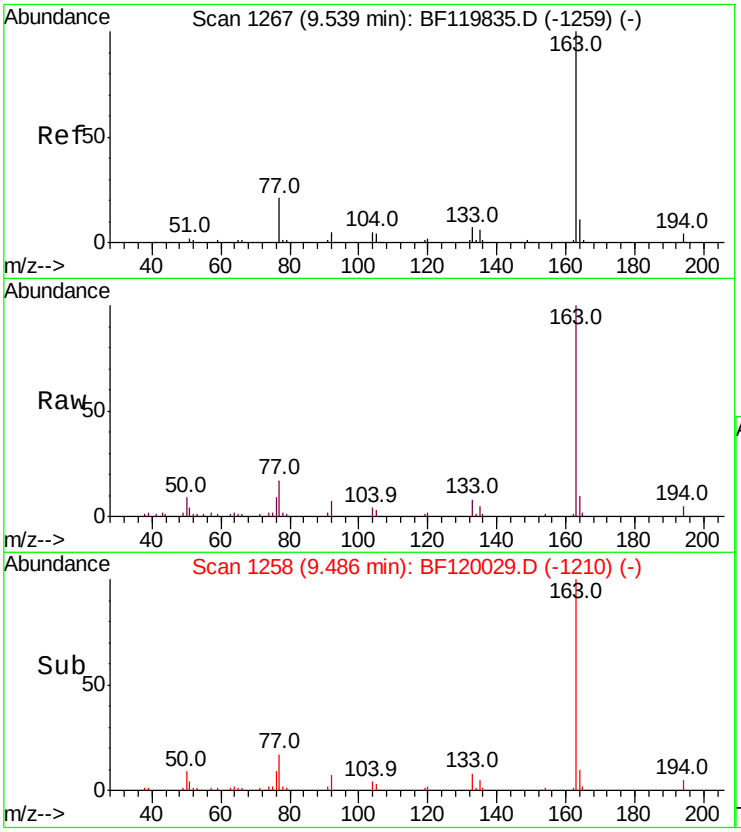


#45
2-Fluorobiphenyl
Concen: 14.712 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Tgt Ion:172 Resp: 261204

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.9	43.3
170	23.2	19.4	29.2



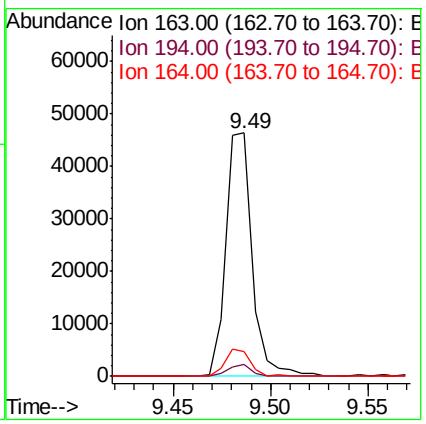


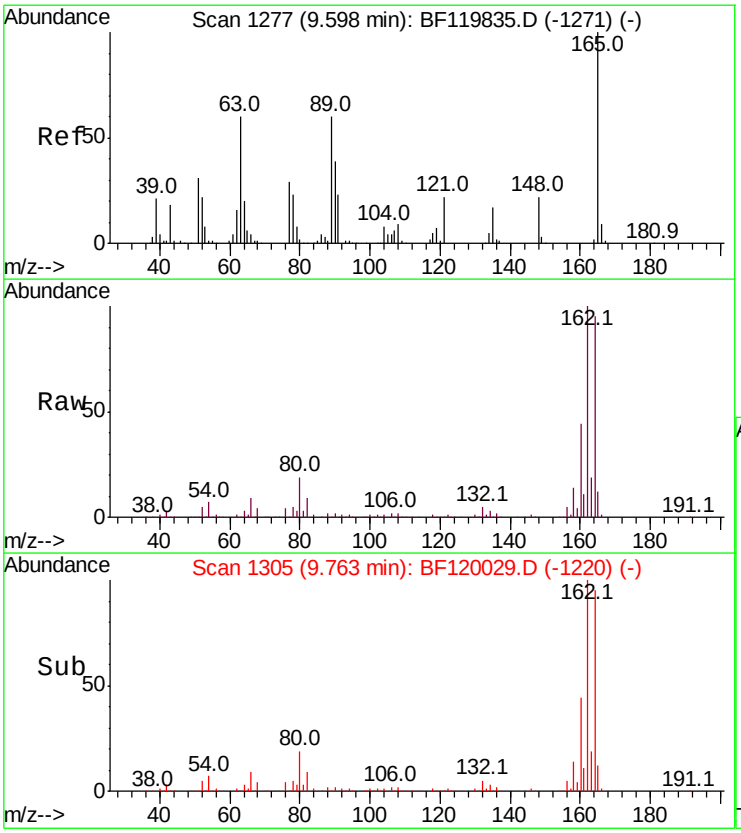
#50
Dimethylphthalate
Concen: 2.222 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Instrument :
BNA_F
ClientSampleId :
TP-12-B

Tgt Ion:163 Resp: 43318

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.0	4.4#
164	10.3	8.4	12.6

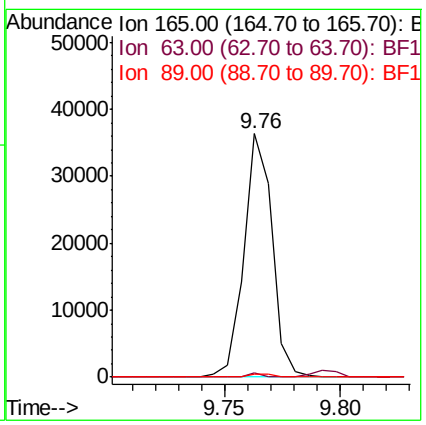


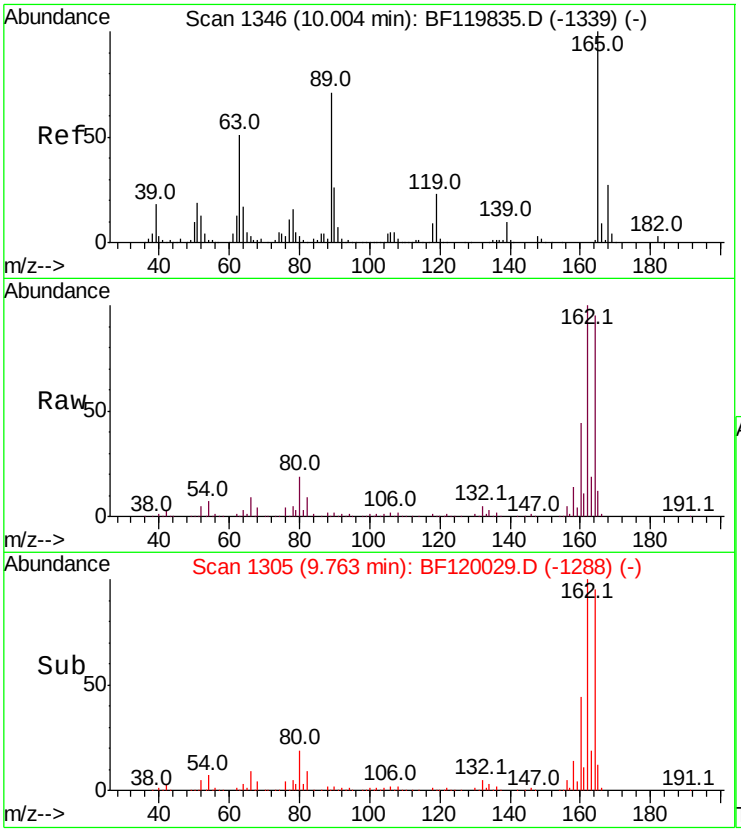


#51
2,6-Dinitrotoluene
Concen: 7.267 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Tgt Ion:165 Resp: 31028

Ion	Ratio	Lower	Upper
165	100		
63	1.7	55.6	83.4#
89	1.2	47.9	71.9#



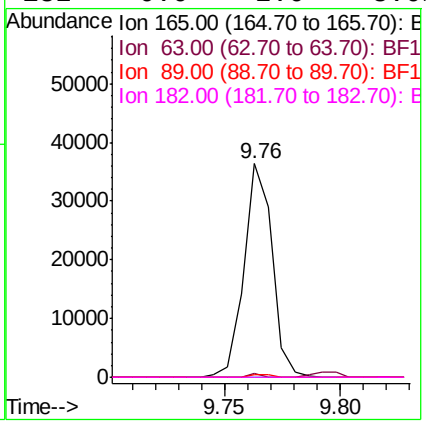


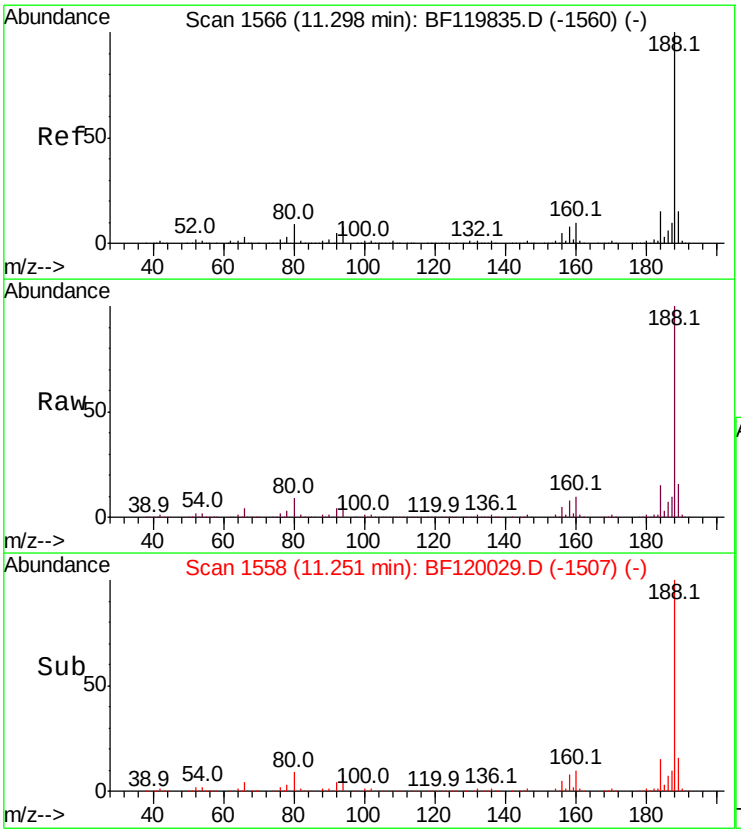
#57
2,4-Dinitrotoluene
Concen: 5.516 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.20 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Instrument :
BNA_F
ClientSampleId :
TP-12-B

Tgt Ion:165 Resp: 31028

Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.8	61.2#
89	1.2	56.9	85.3#
182	0.0	2.0	3.0#

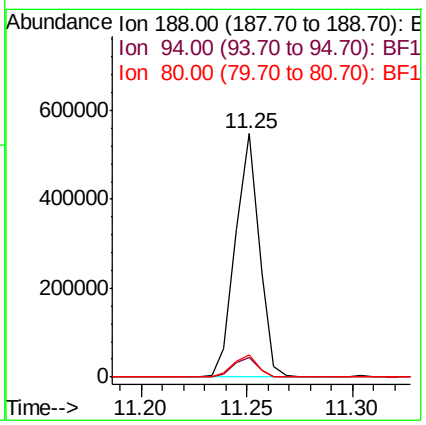


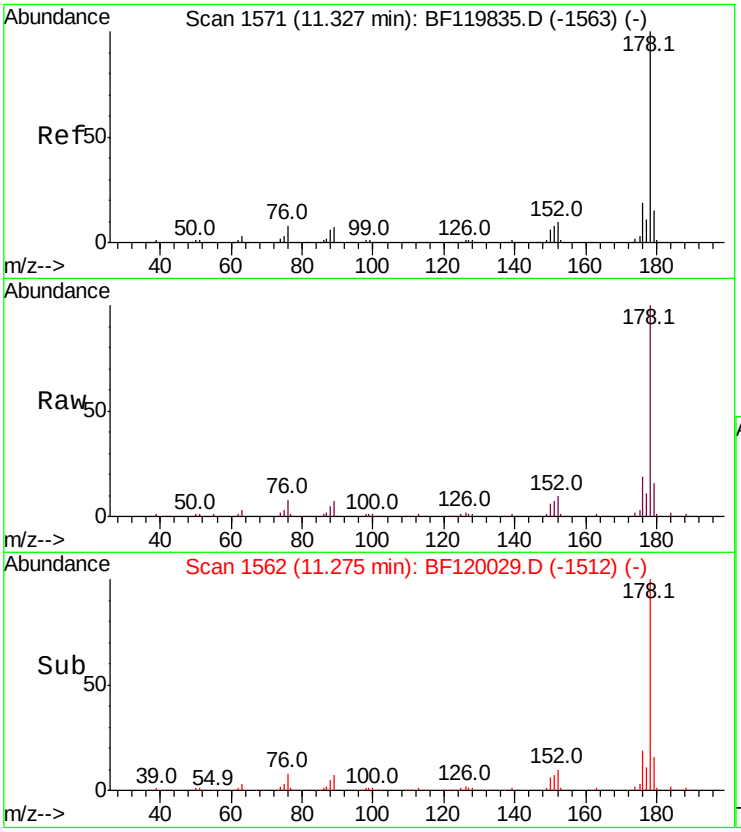


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Tgt Ion:188 Resp: 428136

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	9.1	7.4	11.2



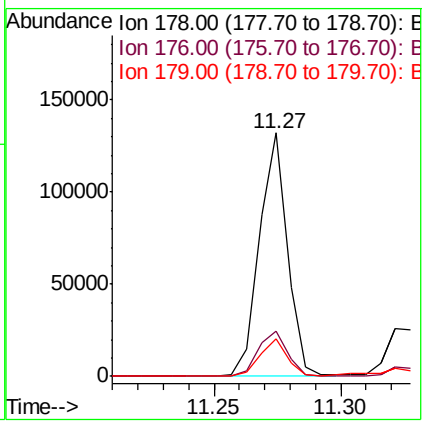


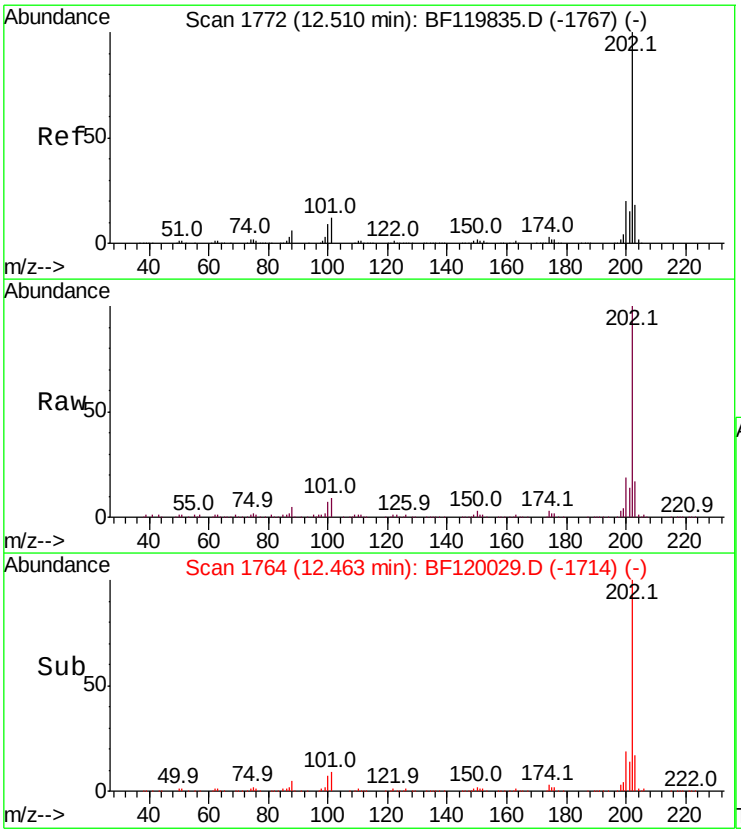
#71
Phenanthrene
Concen: 4.510 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Instrument :
BNA_F
ClientSampleId :
TP-12-B

Tgt Ion:178 Resp: 102760

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.6	12.2	18.4

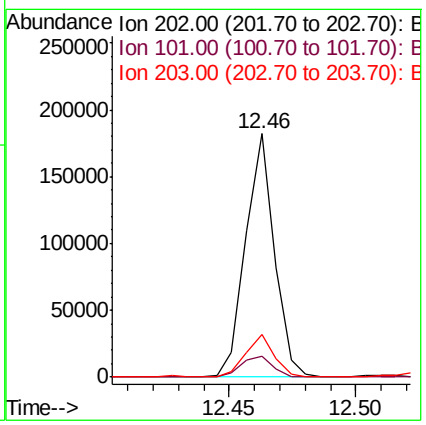


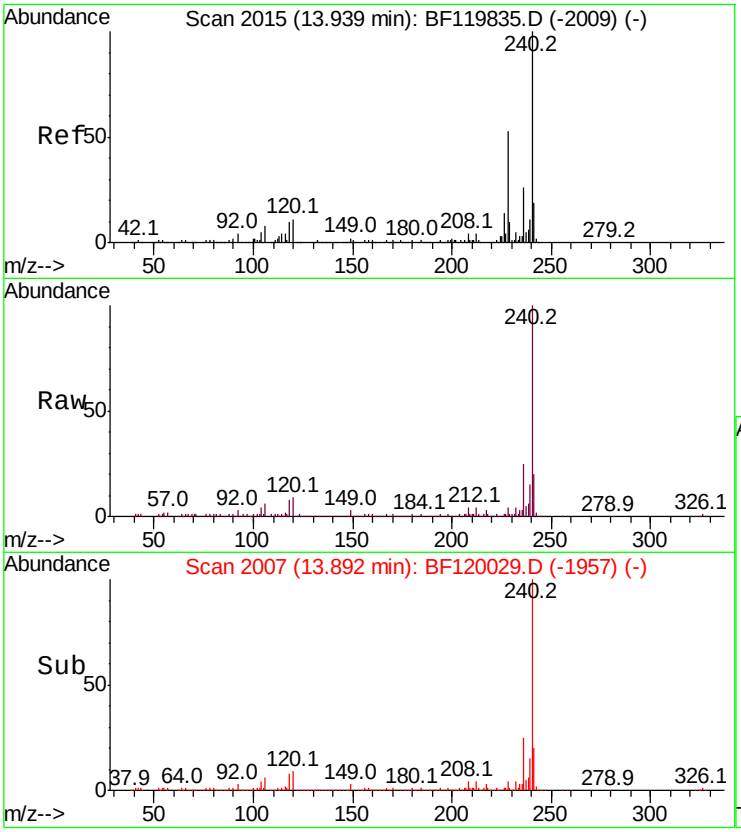


#75
Fluoranthene
Concen: 5.887 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Tgt Ion:202 Resp: 144746

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	32.3
203	17.3	0.0	37.6



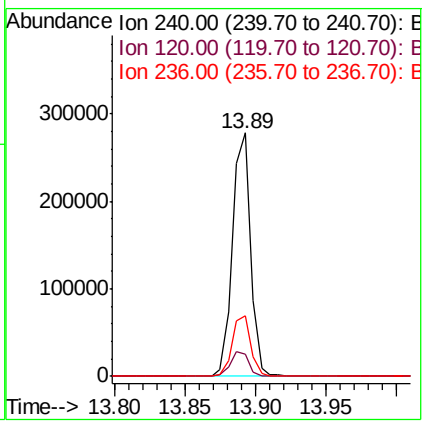


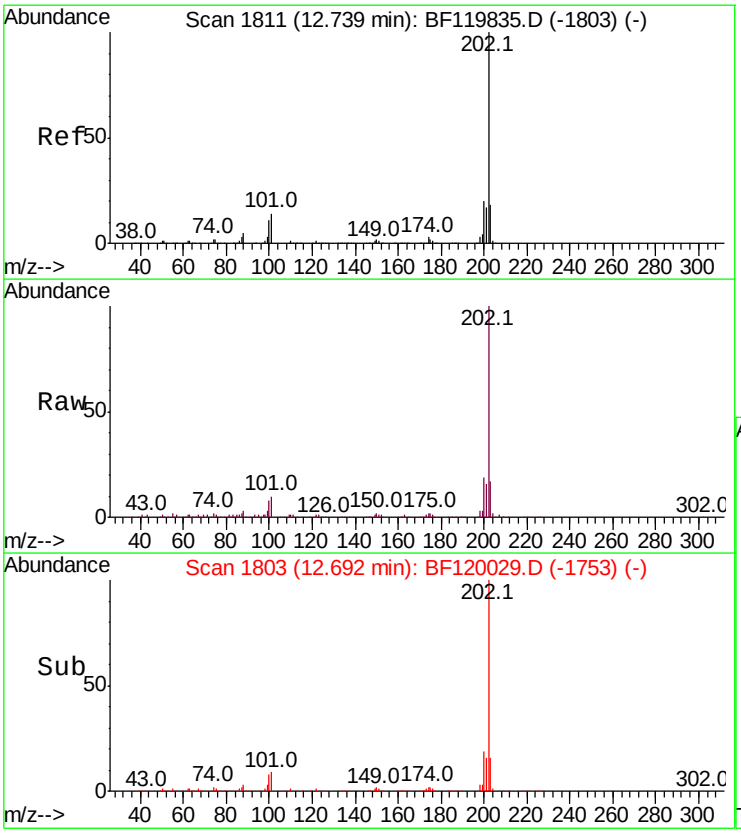
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Instrument :
BNA_F
ClientSampleId :
TP-12-B

Tgt Ion:240 Resp: 249611

Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.0	13.6#
236	25.0	20.7	31.1

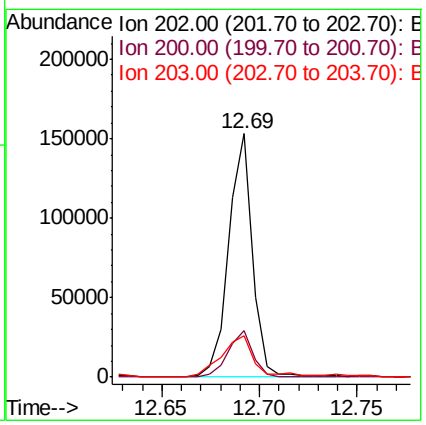


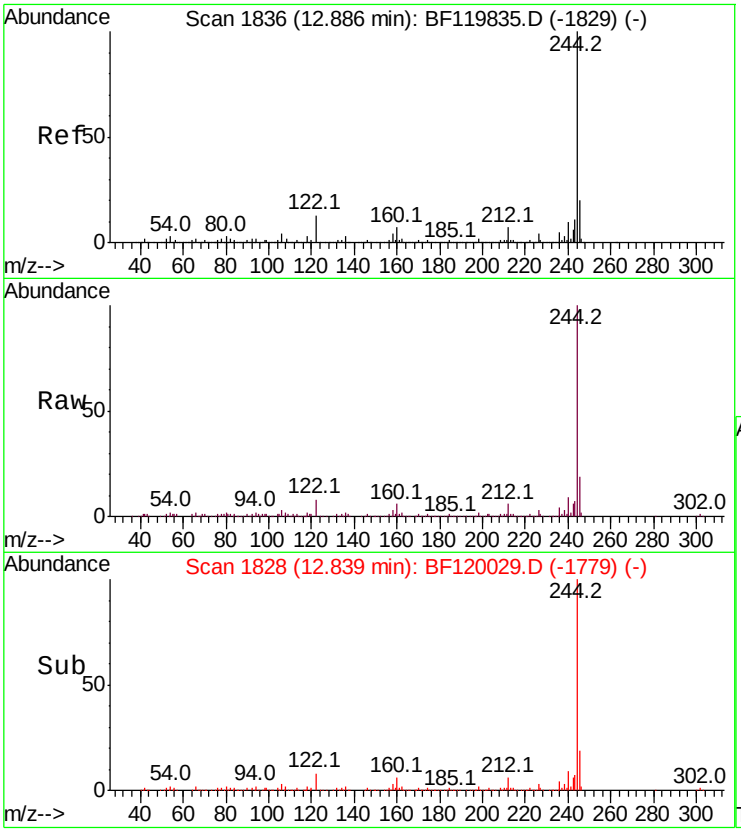


#78
Pyrene
Concen: 6.179 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Tgt Ion:202 Resp: 130020

Ion	Ratio	Lower	Upper
202	100		
200	19.1	16.2	24.2
203	17.0	14.1	21.1



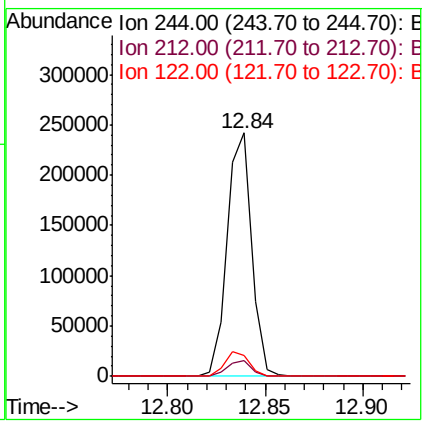


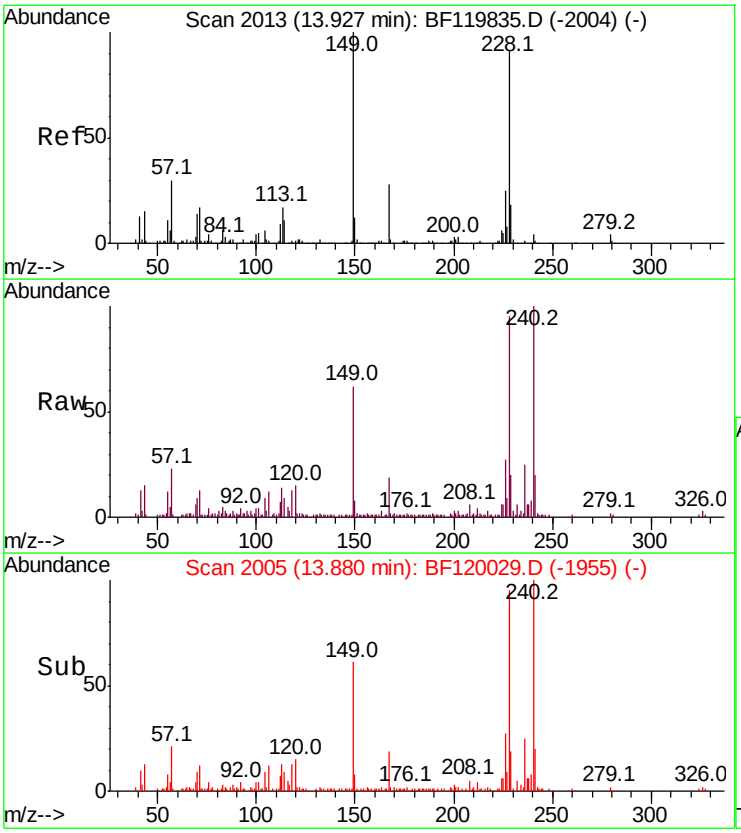
#79
Terphenyl-d14
Concen: 14.200 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Instrument :
BNA_F
ClientSampleId :
TP-12-B

Tgt Ion:244 Resp: 210642

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	8.4	10.3	15.5#

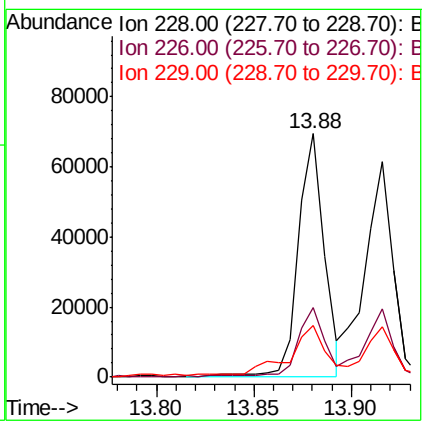


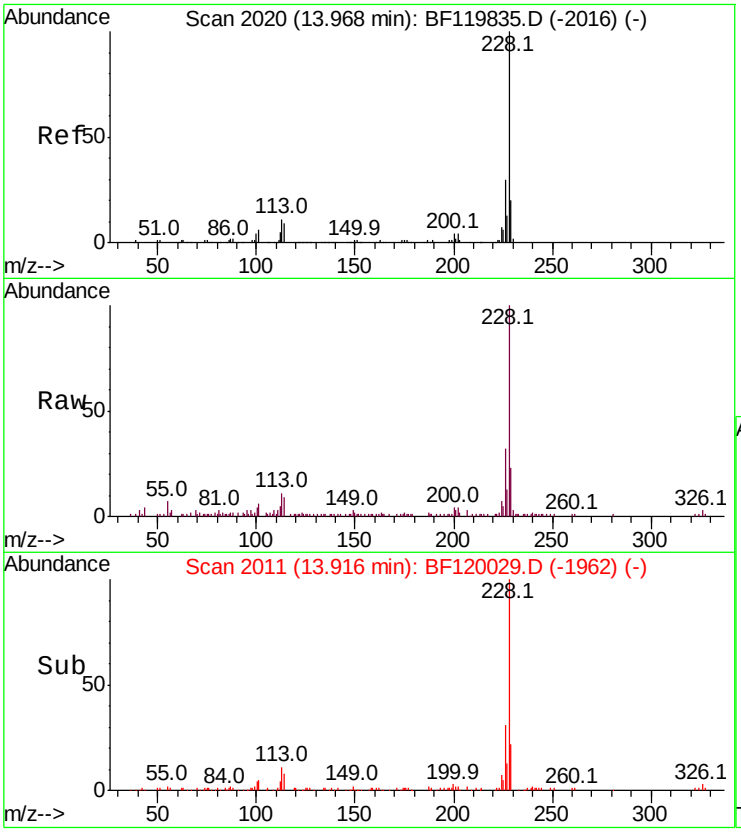


#81
Benzo(a)anthracene
Concen: 3.929 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Tgt Ion:228 Resp: 64512

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.9	32.9
229	21.2	15.9	23.9



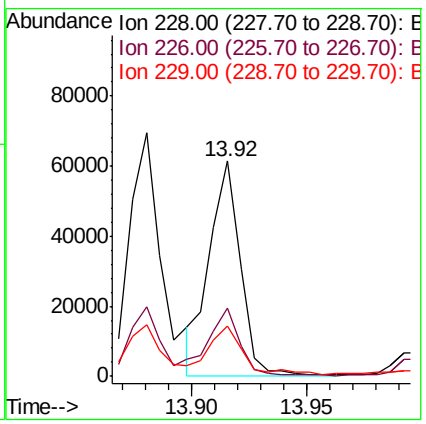


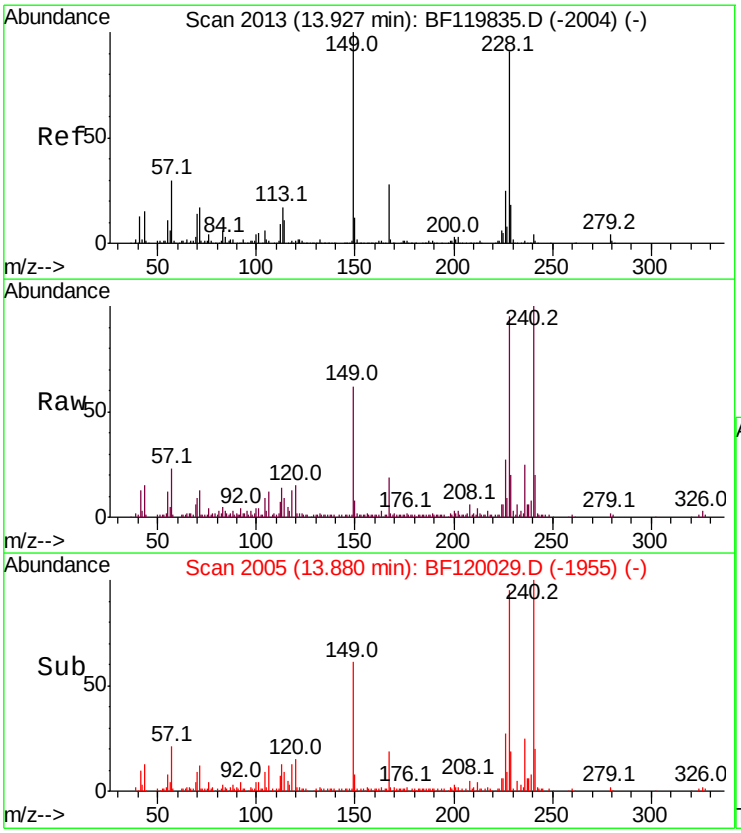
#83
Chrysene
Concen: 3.404 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Instrument :
BNA_F
ClientSampleId :
TP-12-B

Tgt Ion:228 Resp: 56798

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.2	36.2
229	23.2	15.9	23.9

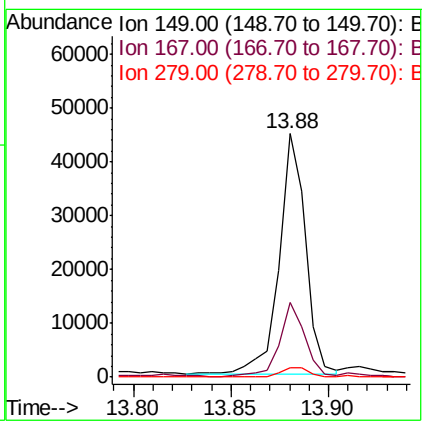


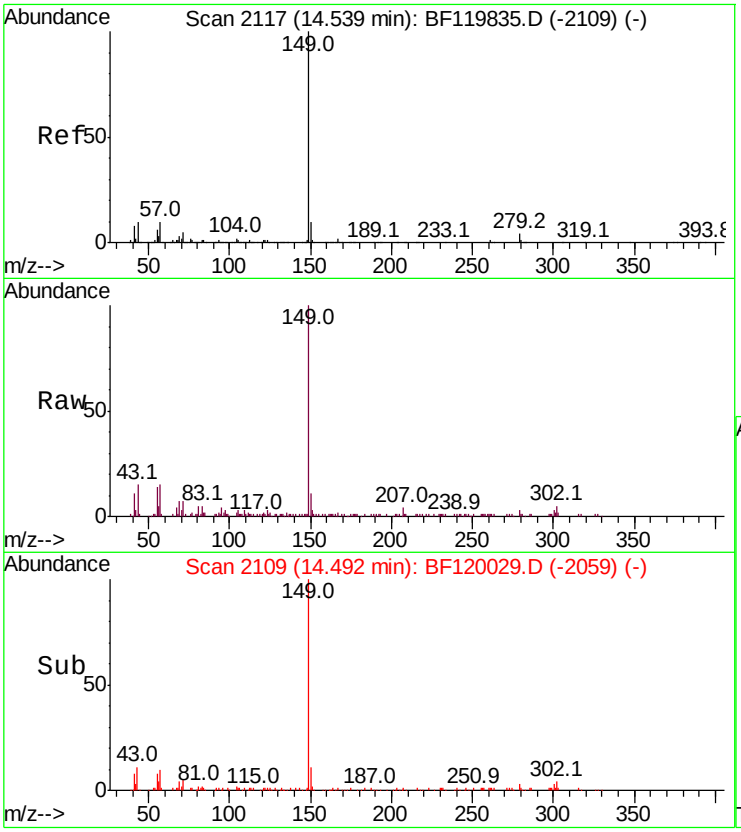


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.023 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Tgt Ion:149 Resp: 41796

Ion	Ratio	Lower	Upper
149	100		
167	30.4	22.2	33.2
279	3.9	3.4	5.0



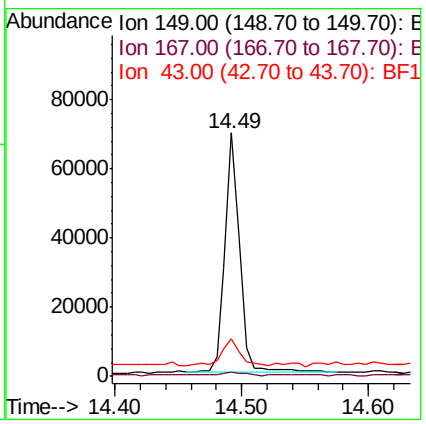


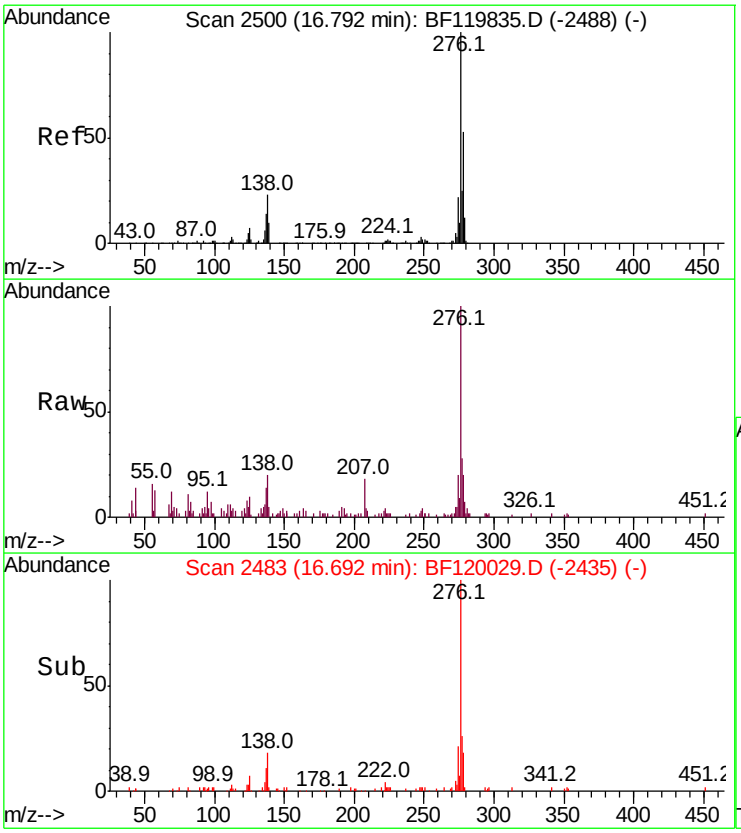
#85
Di-n-octyl phthalate
Concen: 2.399 ng
RT: 14.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Instrument :
BNA_F
ClientSampleId :
TP-12-B

Tgt Ion:149 Resp: 56471

Ion	Ratio	Lower	Upper
149	100		
167	3.2	1.2	1.8#
43	14.0	9.2	13.8#

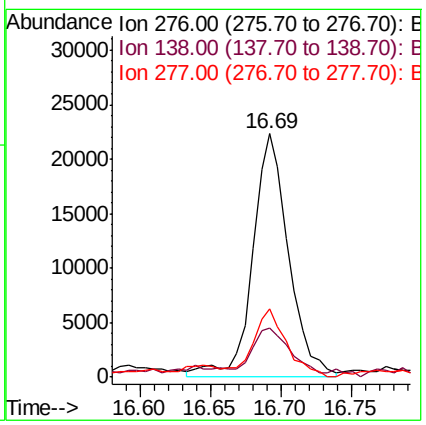


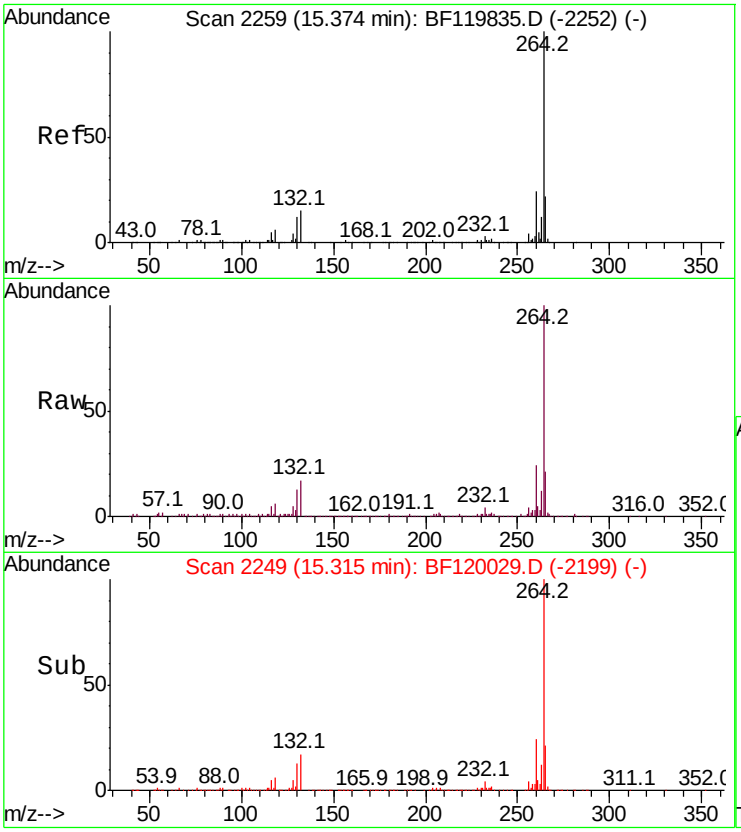


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.724 ng
RT: 16.69 min Scan# 2483
Delta R.T. -0.02 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Tgt Ion:276 Resp: 40062

Ion	Ratio	Lower	Upper
276	100		
138	18.7	18.0	27.0
277	24.9	20.1	30.1



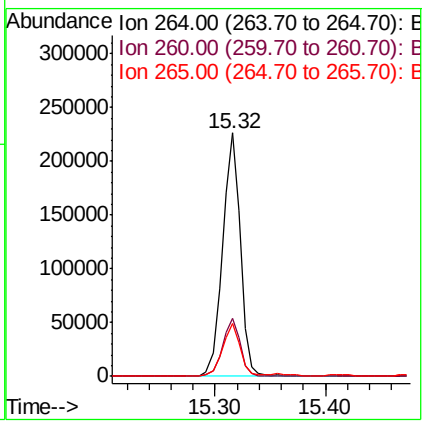


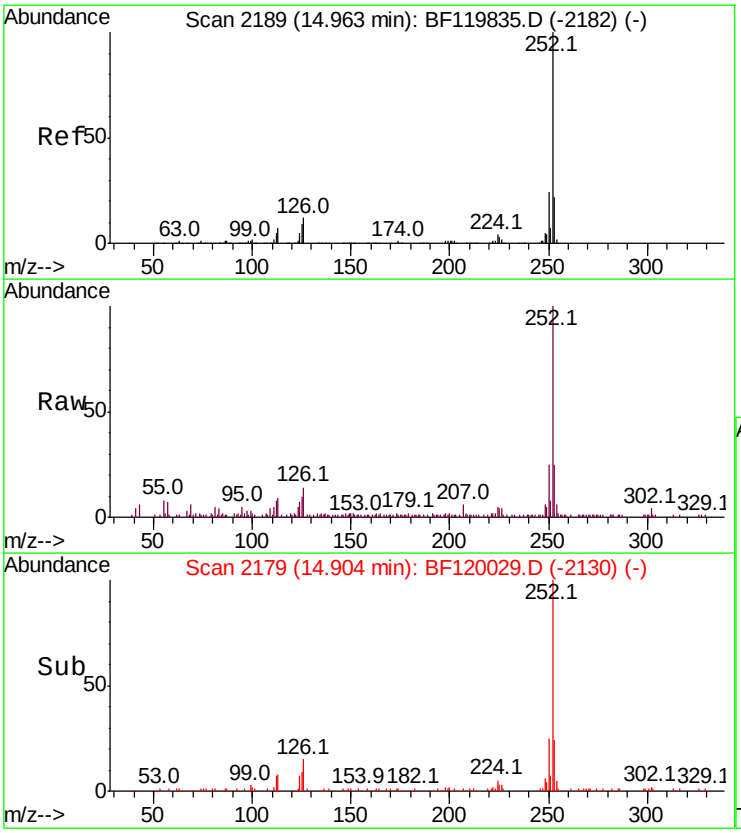
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Instrument :
BNA_F
ClientSampleId :
TP-12-B

Tgt Ion:264 Resp: 255277

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.5	17.6	26.4

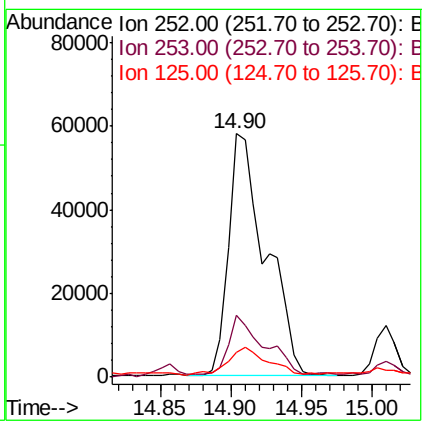


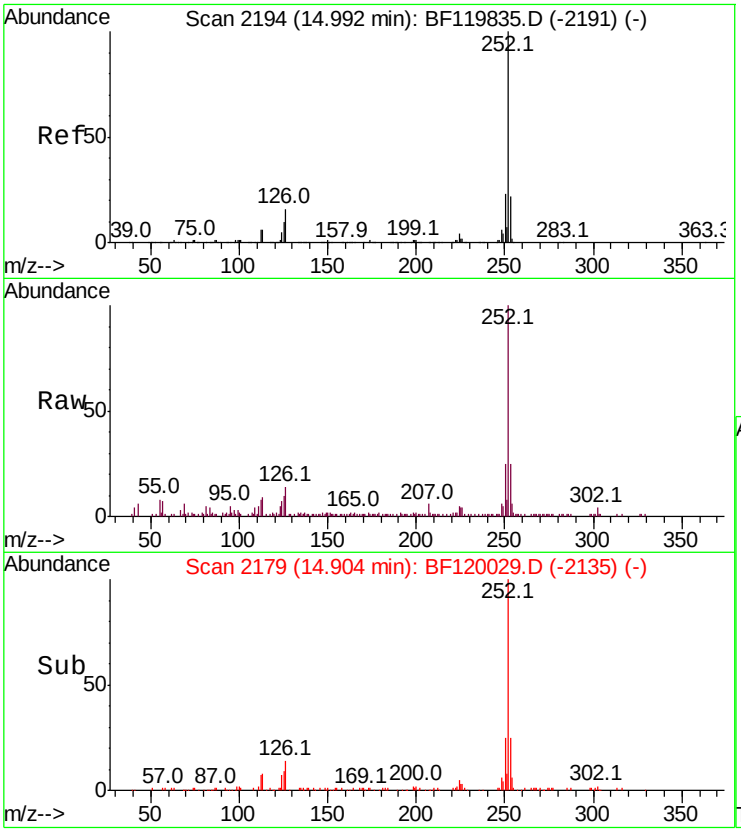


#88
Benzo(b)fluoranthene
Concen: 5.823 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Tgt Ion:252 Resp: 106940

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.7	26.5
125	10.1	7.4	11.2



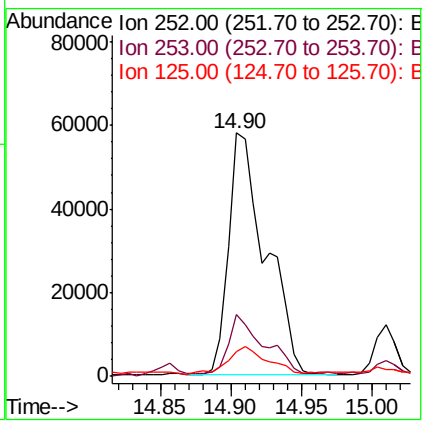


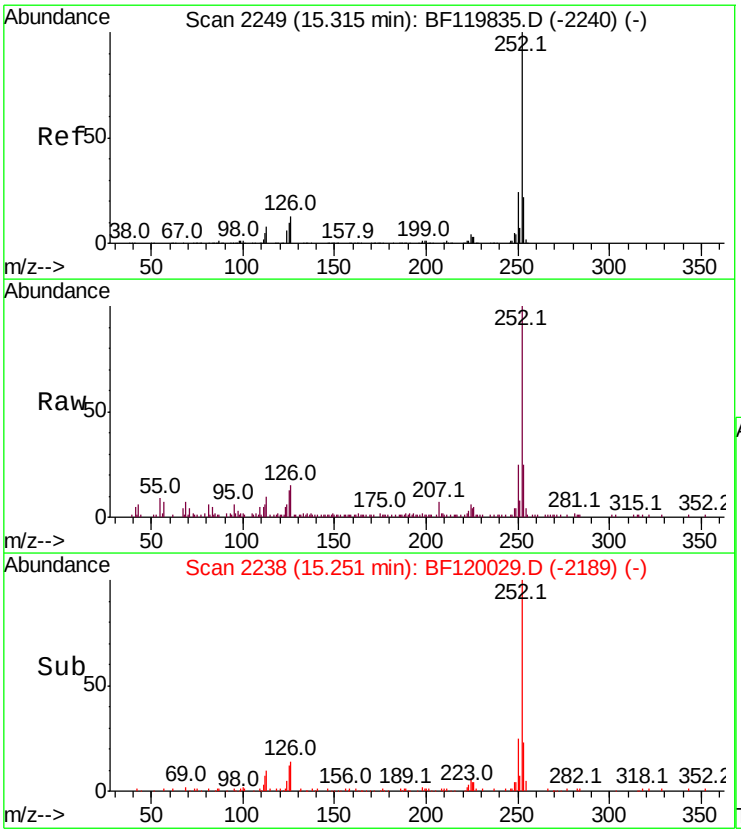
#89
Benzo(k)fluoranthene
Concen: 6.749 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.04 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Instrument :
BNA_F
ClientSampleId :
TP-12-B

Tgt Ion:252 Resp: 106940

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.8
125	10.1	7.7	11.5

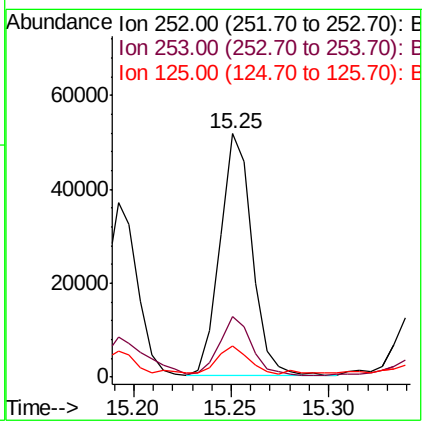


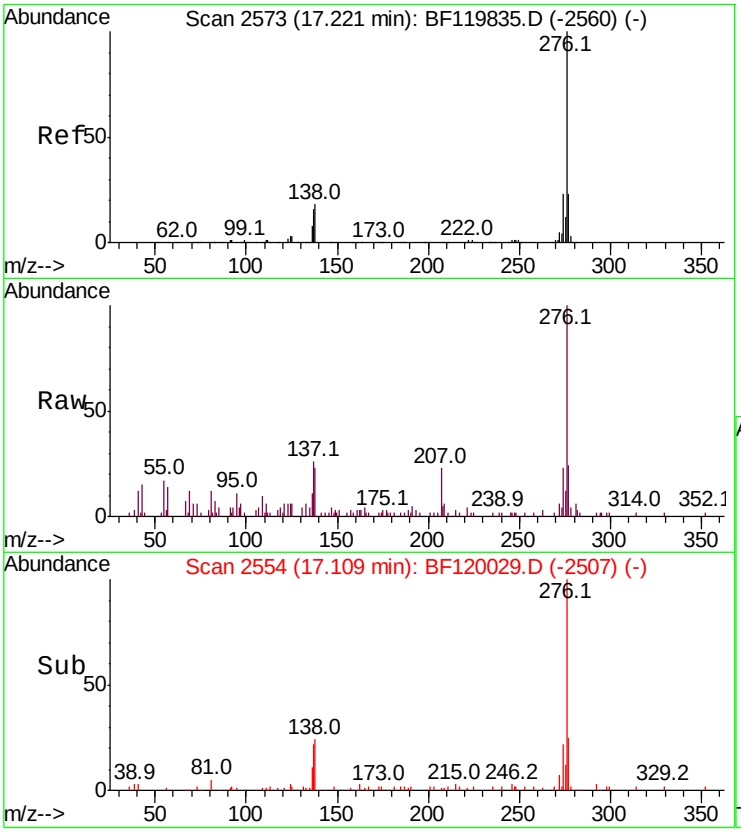


#90
Benzo(a)pyrene
Concen: 3.803 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Tgt Ion:252 Resp: 58714

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.4	26.2
125	12.9	8.3	12.5#





#92
Benzo(g,h,i)perylene
Concen: 2.769 ng
RT: 17.11 min Scan# 2554
Delta R.T. -0.02 min
Lab File: BF120029.D
Acq: 16 Apr 2020 12:07

Instrument :
BNA_F
ClientSampleId :
TP-12-B

Tgt Ion:276 Resp: 37381

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.5	27.7
138	23.4	14.6	22.0#