Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
Data File : BF116233.D
Acq On : 13 Aug 2019 15:54
Operator : HP/JU
Sample : K4227-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-I-(0-1)-COMP

Quant Time: Aug 14 00:31:55 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	6.83	152	149369	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	601503	20.00	ng		-0.02
39) Acenaphthene-d10	9.87	164	331895	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	611306	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	470809	20.00	ng		0.00
87) Perylene-d12	15.47	264	421101	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	909837	101.97	ng		0.00
7) Phenol-d6	6.47	99	1226218	108.93	ng		-0.01
23) Nitrobenzene-d5	7.40	82	796466	76.43	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	360912	112.16	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1342042	75.74	ng		-0.01
79) Terphenyl-d14	12.94	244	1549960	69.37	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	58999	4.451	ng		84
50) Dimethylphthalate	9.59	163	182353	8.069	ng		99
71) Phenanthrene	11.38	178	347470	11.119	ng		99
72) Anthracene	11.44	178	100375	3.174	ng		98
75) Fluoranthene	12.57	202	685002	20.937	ng		100
78) Pyrene	12.80	202	602824	16.986	ng		99
81) Benzo(a)anthracene	13.99	228	349221	11.605	ng		99
83) Chrysene	14.03	228	274293	9.389	ng		98
86) Indeno(1,2,3-cd)pyrene	16.95	276	119009	4.850	ng	#	93
88) Benzo(b)fluoranthene	15.04	252	323581m	13.290	ng		
89) Benzo(k)fluoranthene	15.07	252	103722m	4.374	ng		
90) Benzo(a)pyrene	15.41	252	211019	9.695	ng		98
92) Benzo(g,h,i)perylene	17.40	276	103101	5.572	ng		95

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

Quantitation Report (LSC Reviewed)

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Data File : BF116233.D
Acq On : 13 Aug 2019 15:54
Operator : HP/JU
Sample : K4227-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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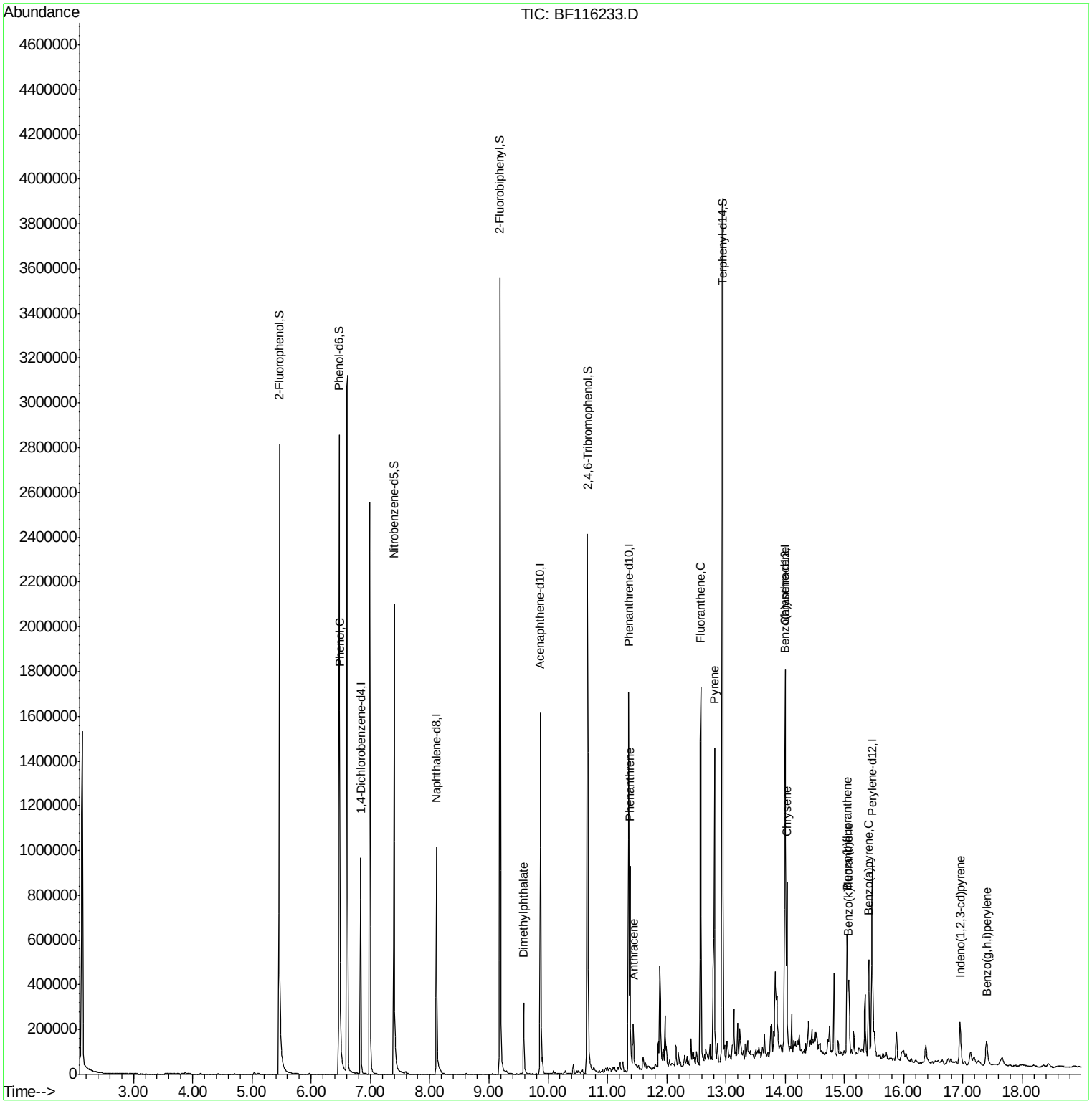
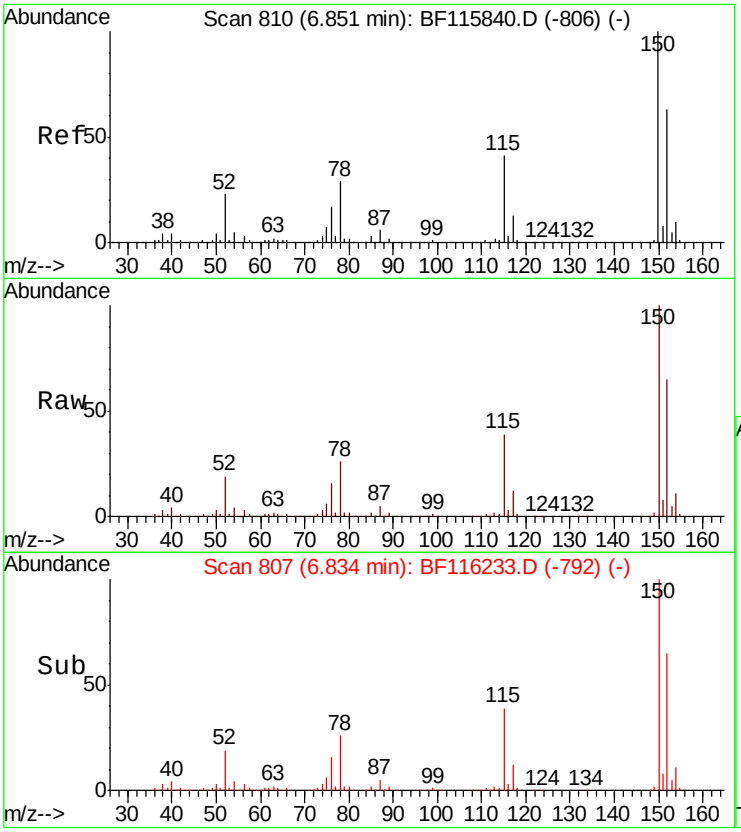


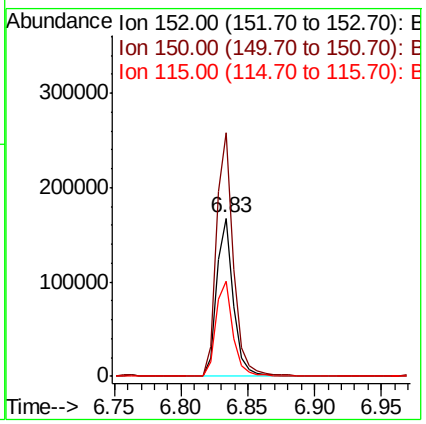


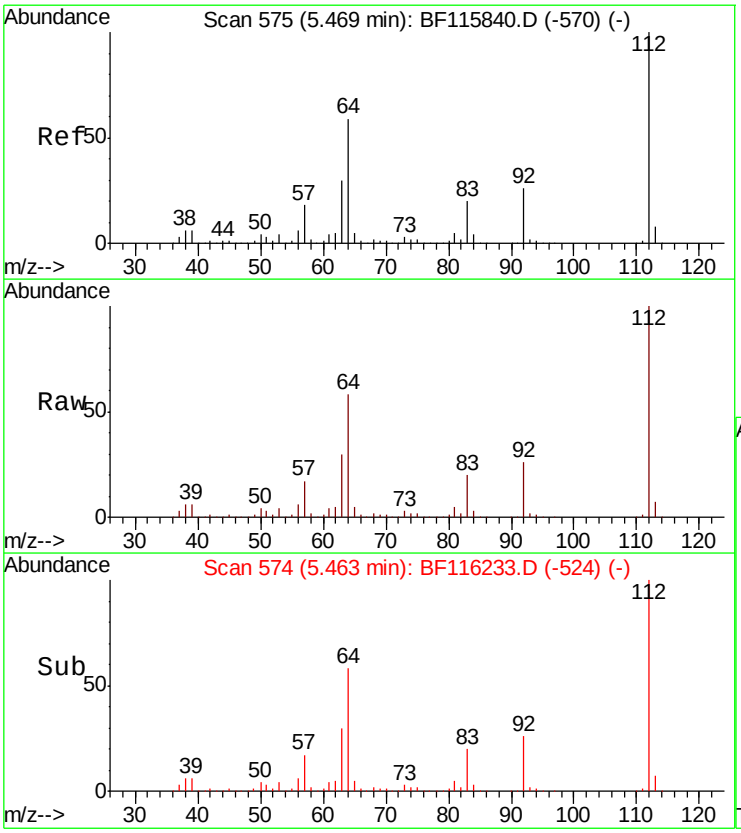
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMP

Tgt Ion:152 Resp: 149369

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.2
115	60.0	49.9	74.9

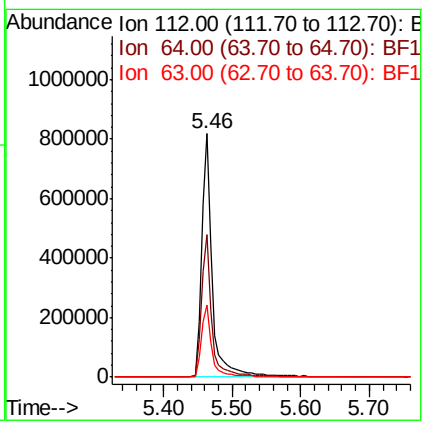


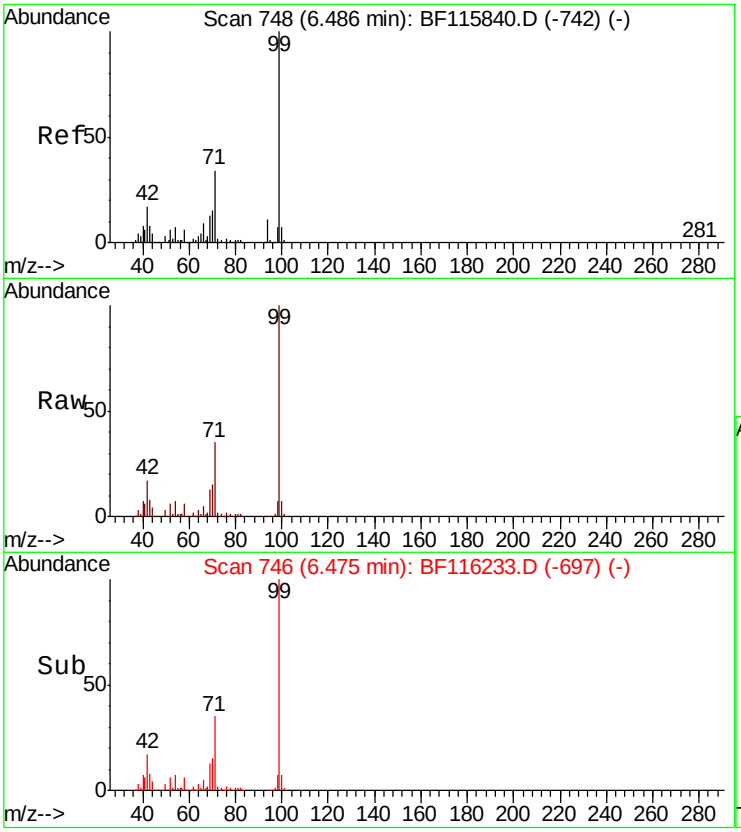


#5
2-Fluorophenol
Concen: 101.971 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Tgt Ion:112 Resp: 909837

Ion	Ratio	Lower	Upper
112	100		
64	58.4	45.4	68.2
63	29.6	23.7	35.5



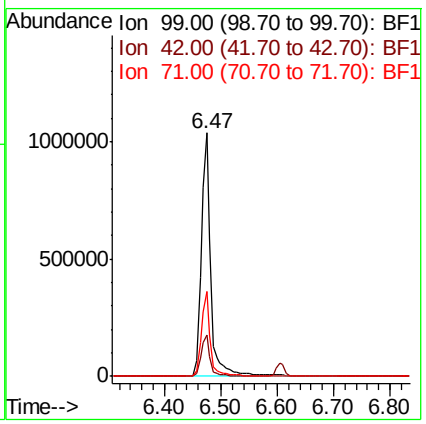


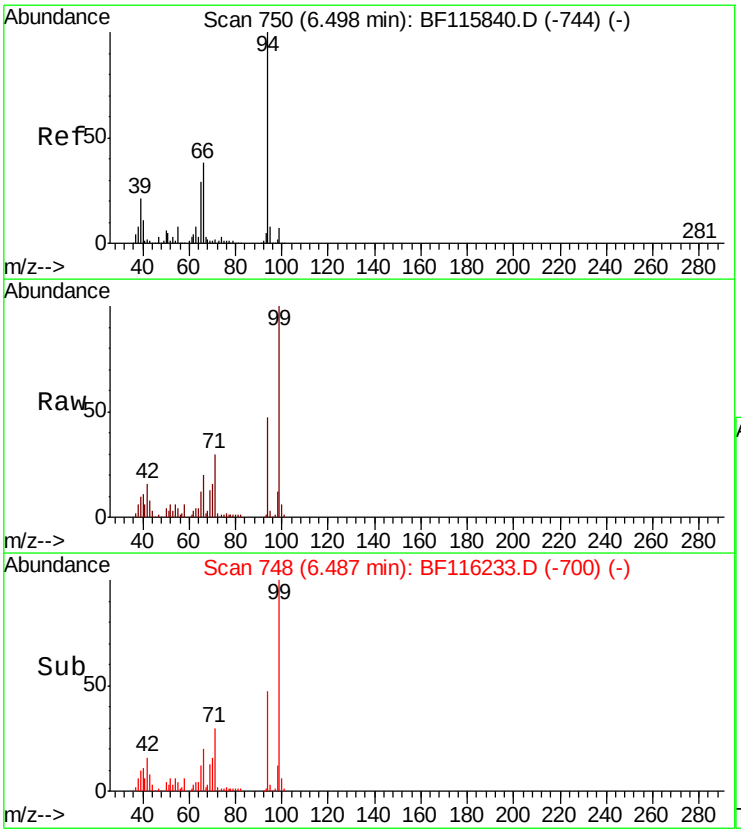
#7
Phenol-d6
Concen: 108.926 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMP

Tgt Ion: 99 Resp: 1226218

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.8
71	34.6	27.3	40.9

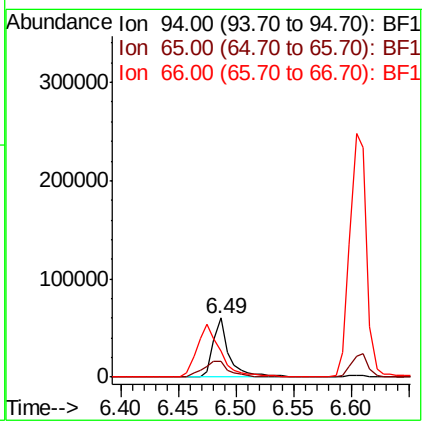


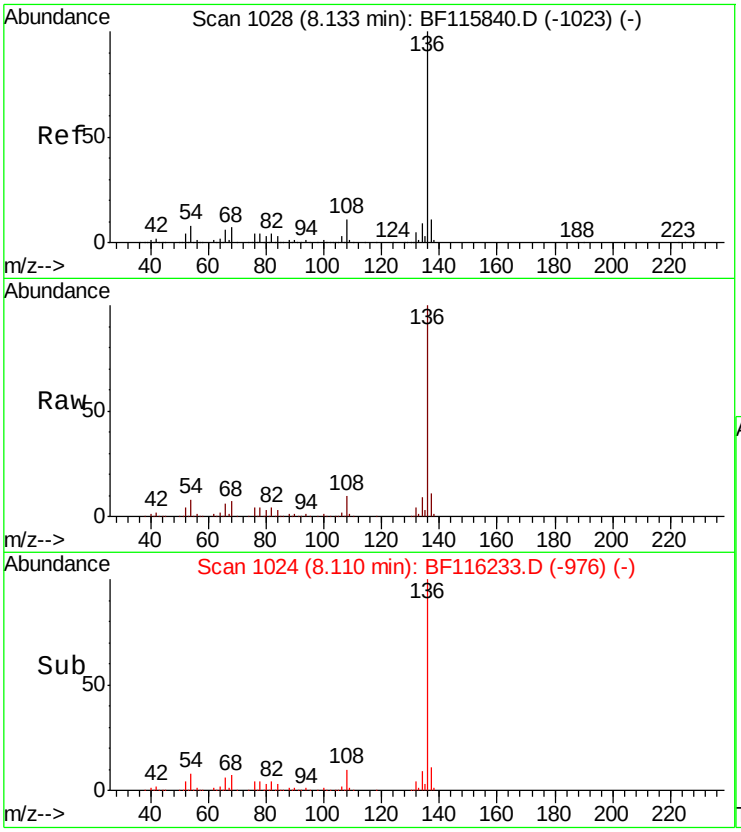


#10
Phenol
Concen: 4.451 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Tgt Ion: 94 Resp: 58999

Ion	Ratio	Lower	Upper
94	100		
65	26.3	16.8	56.8
66	43.7	34.2	74.2



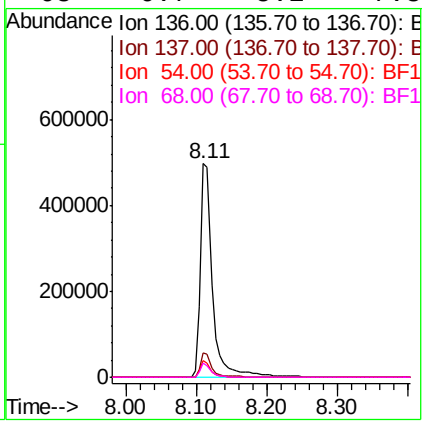


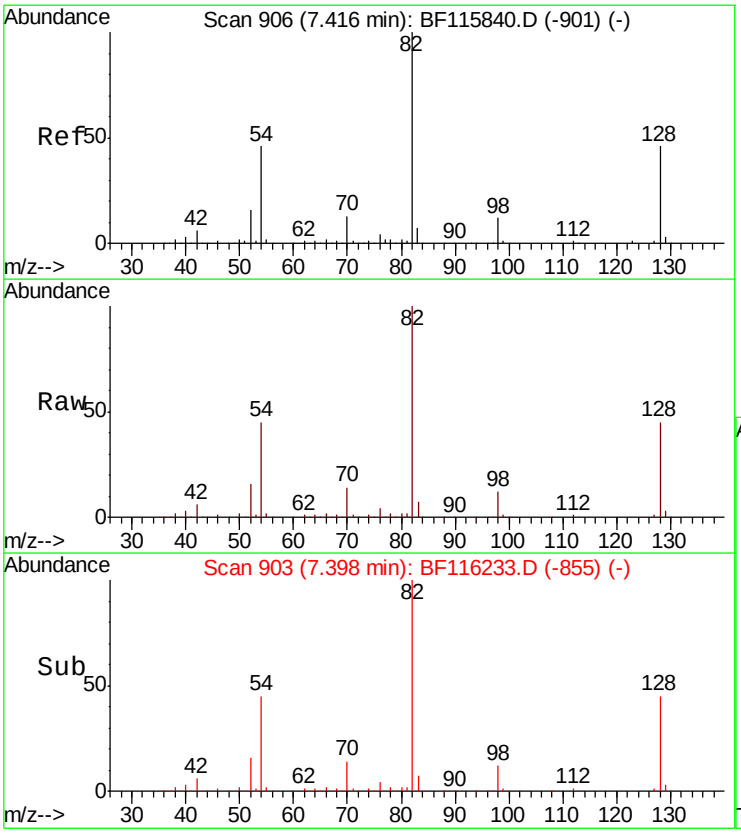
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMP

Tgt Ion:136 Resp: 601503

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	7.5	5.8	8.6
68	6.7	5.2	7.8

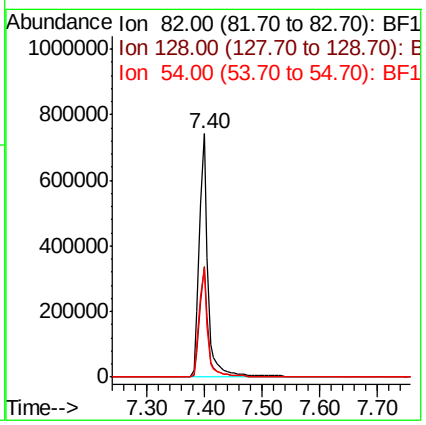


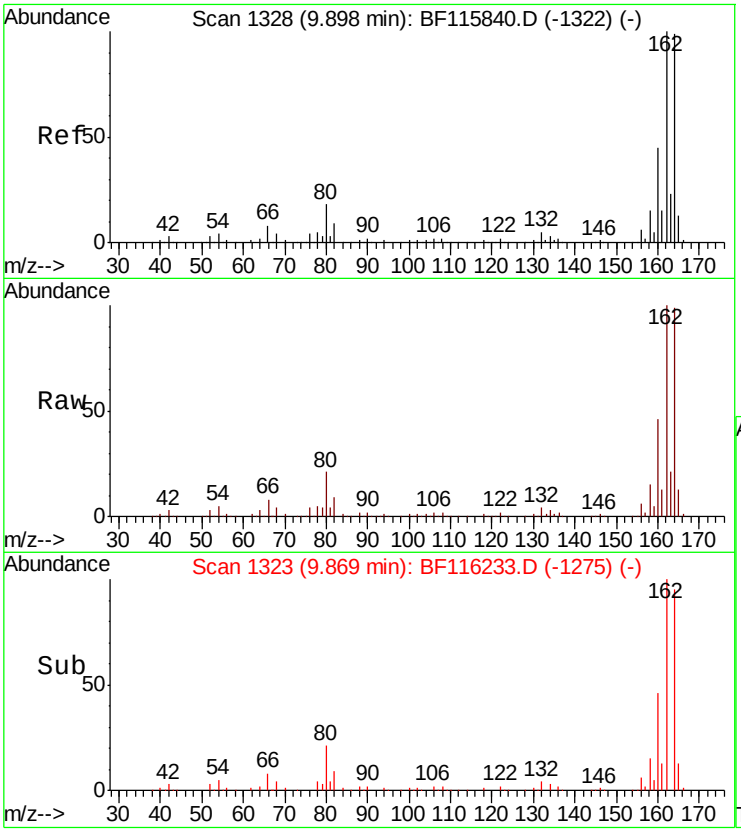


#23
Nitrobenzene-d5
Concen: 76.433 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Tgt Ion: 82 Resp: 796466

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.5	54.7
54	45.0	36.0	54.0



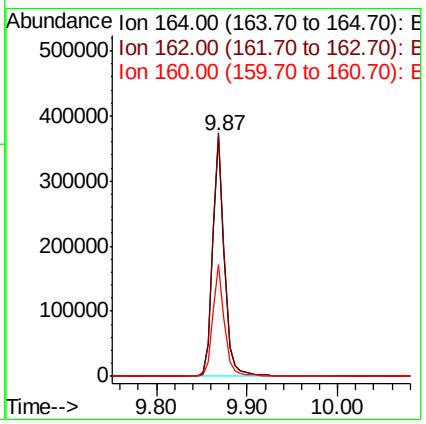


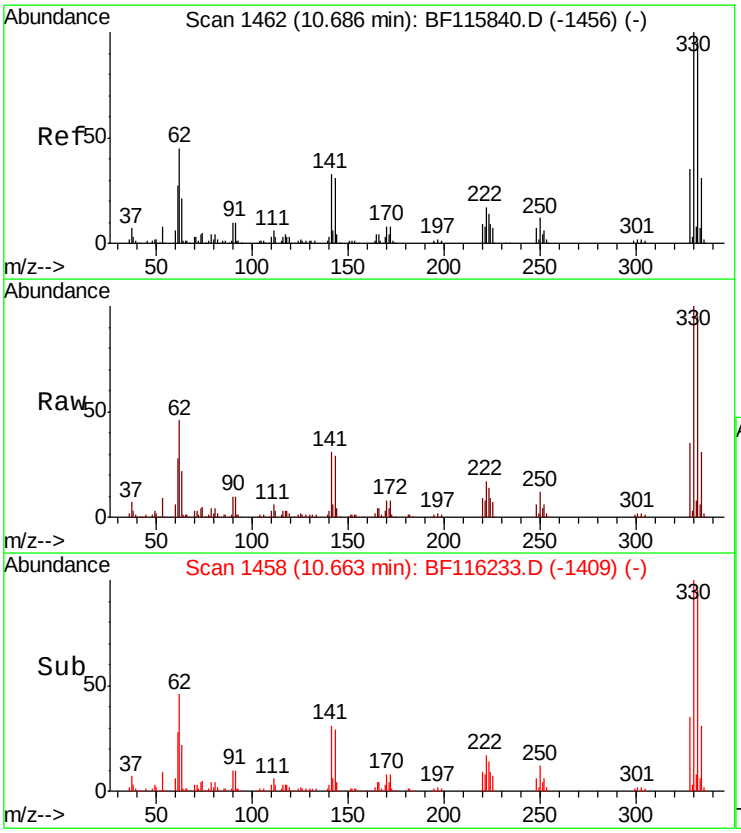
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMP

Tgt Ion:164 Resp: 331895

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.6	124.0
160	46.3	37.6	56.4

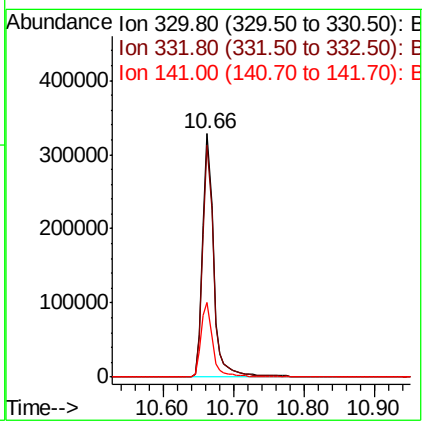


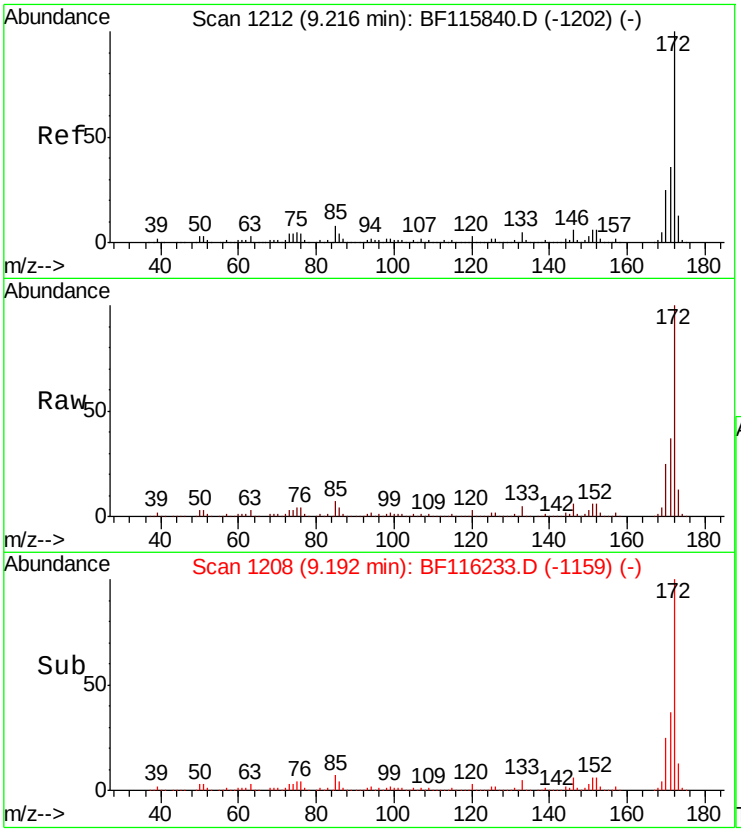


#42
2,4,6-Tribromophenol
Concen: 112.161 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Tgt Ion:330 Resp: 360912

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.8	115.2
141	32.4	26.3	39.5



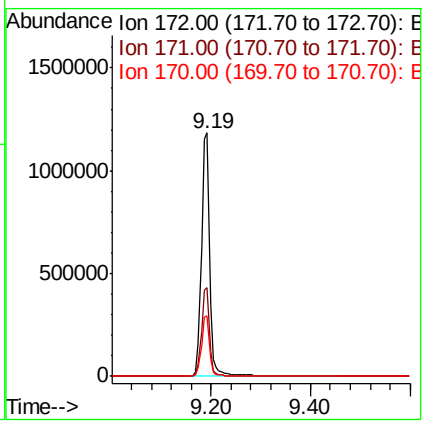


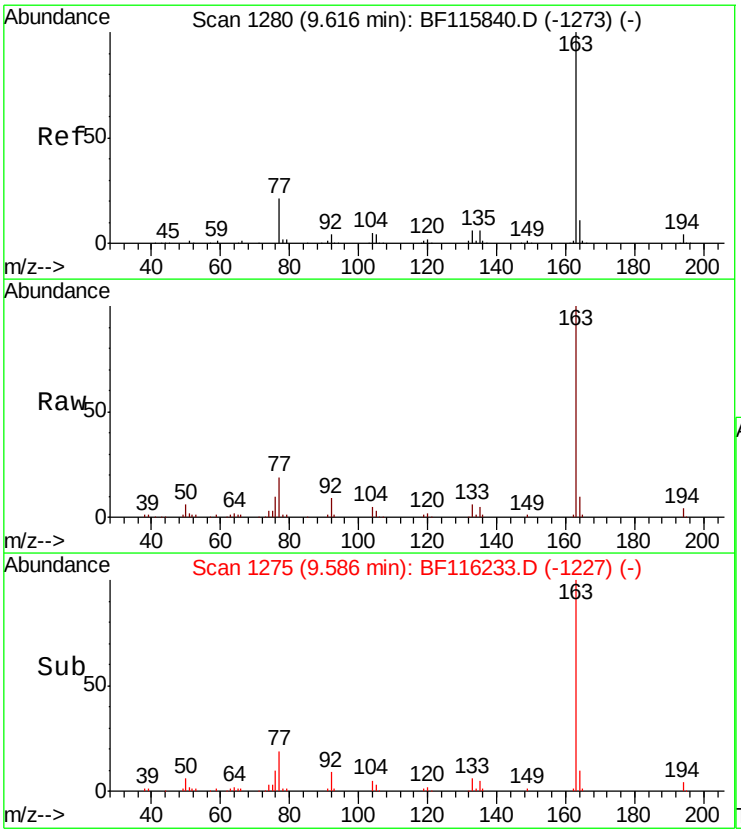
#45
2-Fluorobiphenyl
Concen: 75.739 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMP

Tgt Ion:172 Resp: 1342042

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	25.0	20.1	30.1

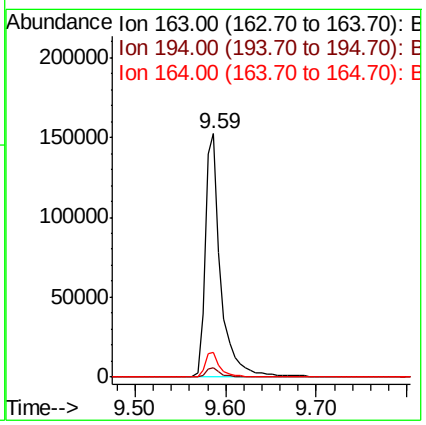


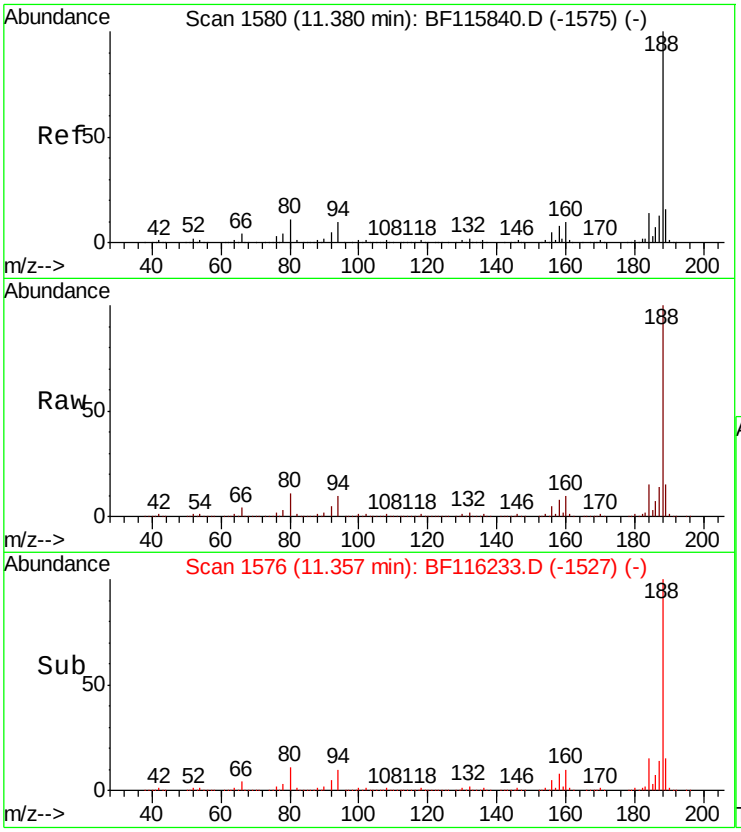


#50
Dimethylphthalate
Concen: 8.069 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Tgt Ion:163 Resp: 182353

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.0	8.4	12.6



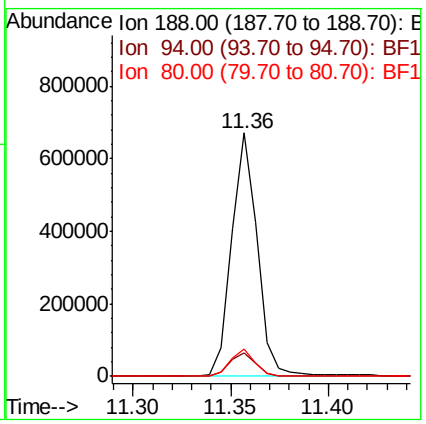


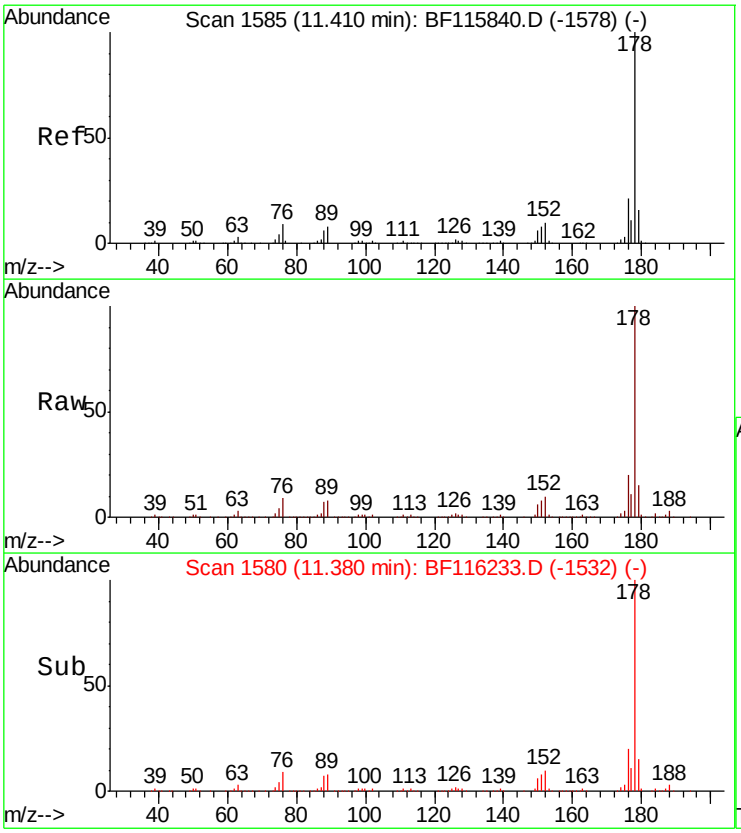
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMP

Tgt Ion:188 Resp: 611306

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.1	12.1
80	11.1	8.7	13.1

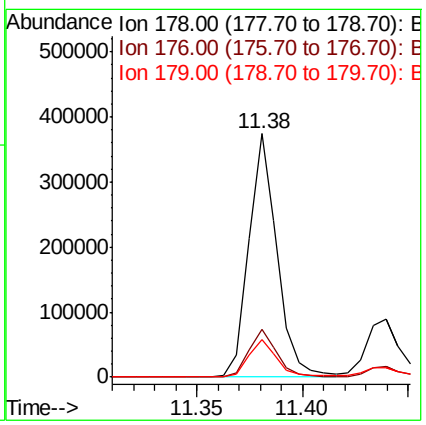


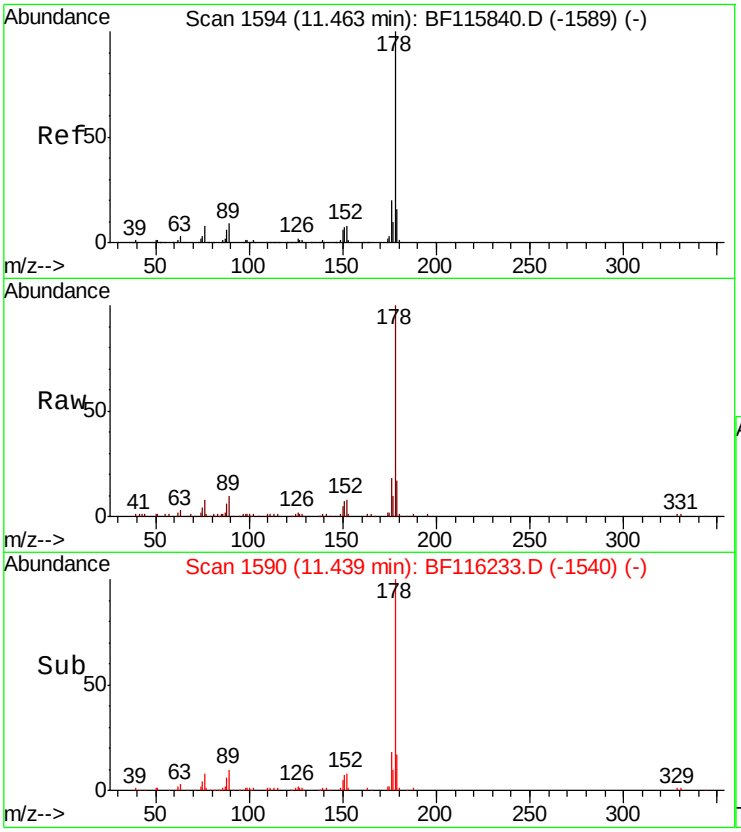


#71
Phenanthrene
Concen: 11.119 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Tgt Ion:178 Resp: 347470

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	24.8
179	15.4	12.5	18.7



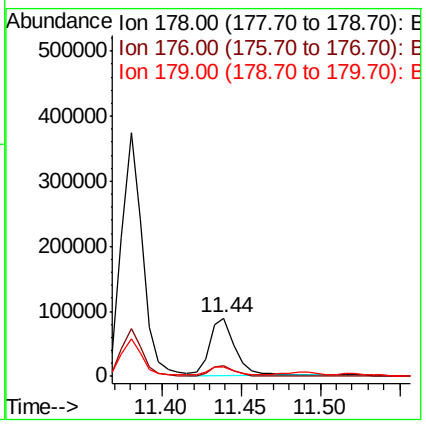


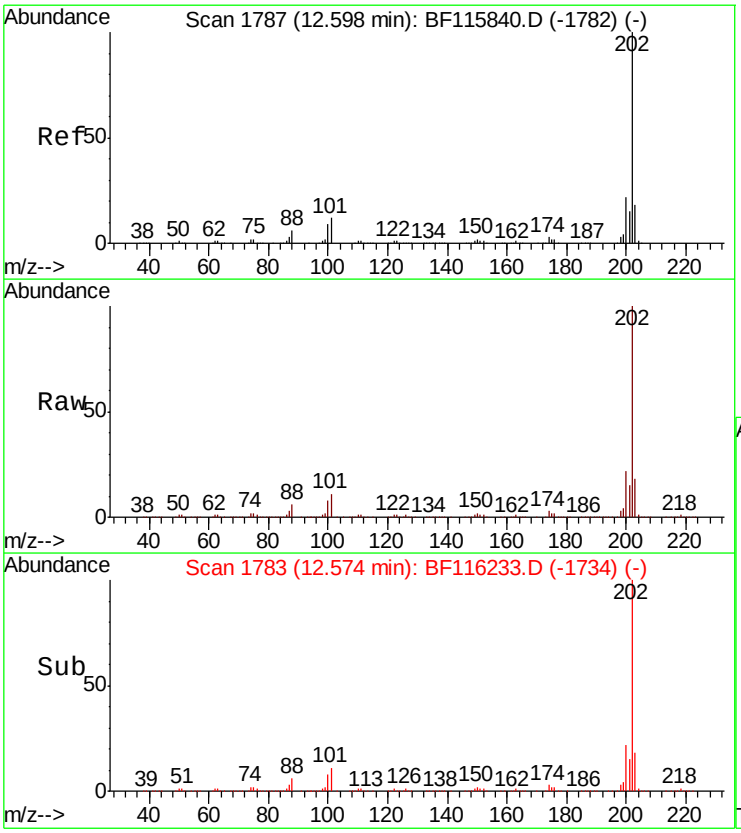
#72
Anthracene
Concen: 3.174 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMP

Tgt Ion:178 Resp: 100375

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.7	23.5
179	16.9	13.0	19.6

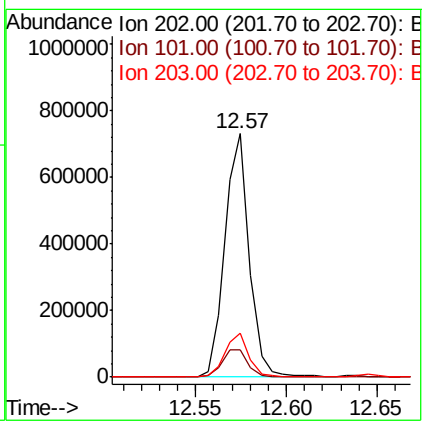


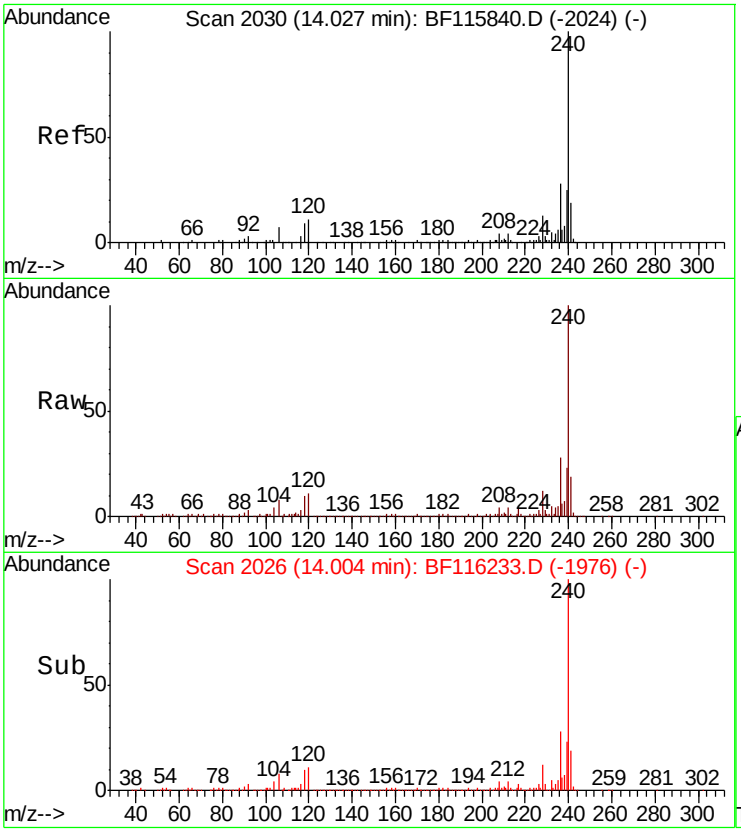


#75
Fluoranthene
Concen: 20.937 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Tgt Ion:202 Resp: 685002

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.2
203	17.8	0.0	37.8



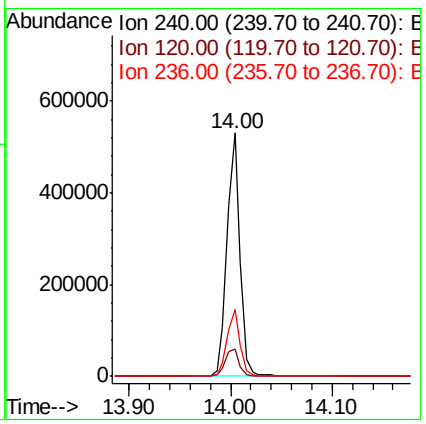


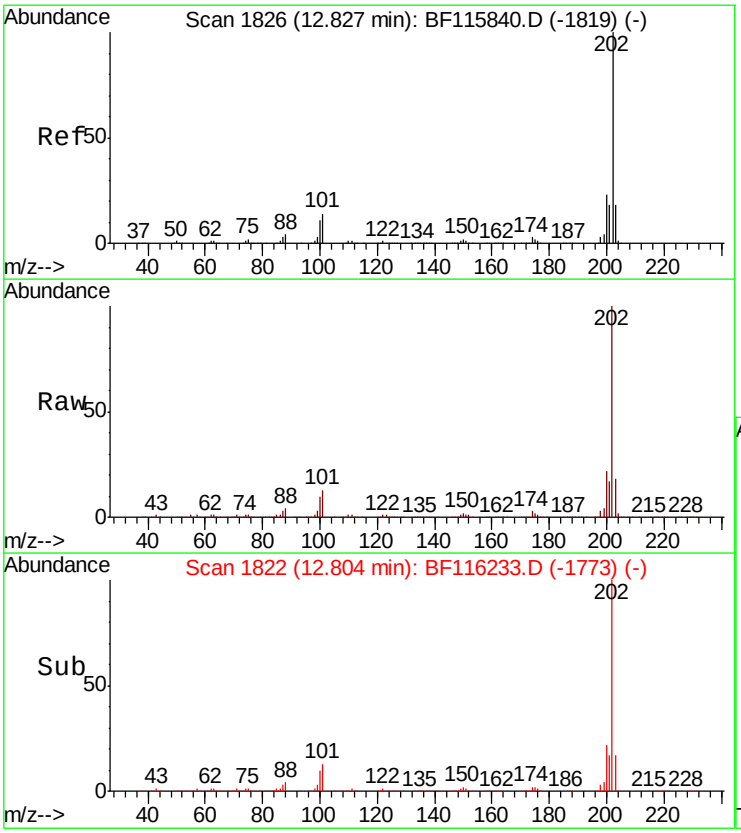
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMP

Tgt Ion:240 Resp: 470809

Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.7	16.1
236	27.6	22.2	33.2

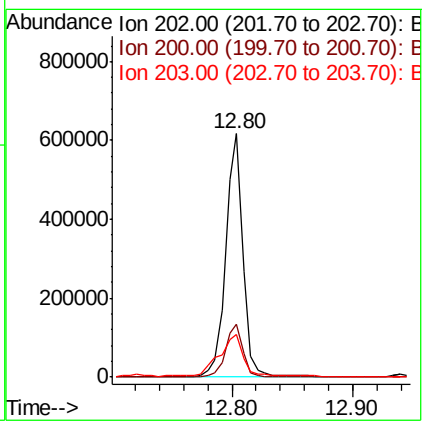


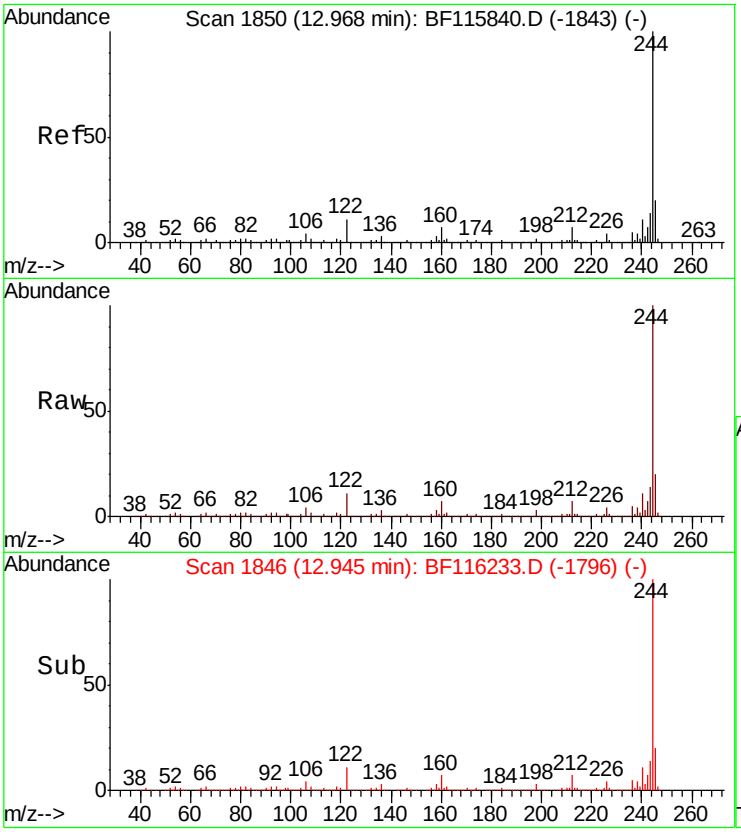


#78
Pyrene
Concen: 16.986 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Tgt Ion:202 Resp: 602824

Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.0	27.0
203	17.6	14.1	21.1



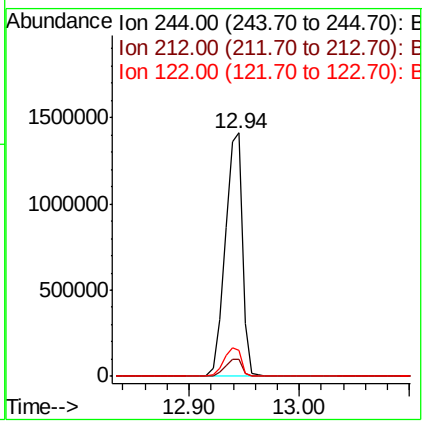


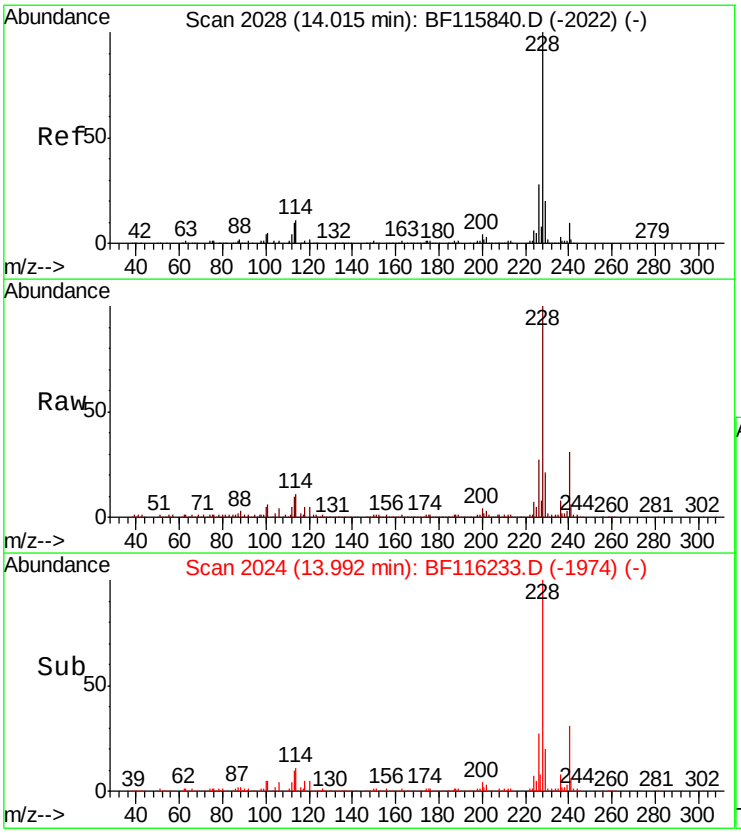
#79
Terphenyl-d14
Concen: 69.370 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMP

Tgt Ion:244 Resp: 1549960

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.8	9.0	13.4

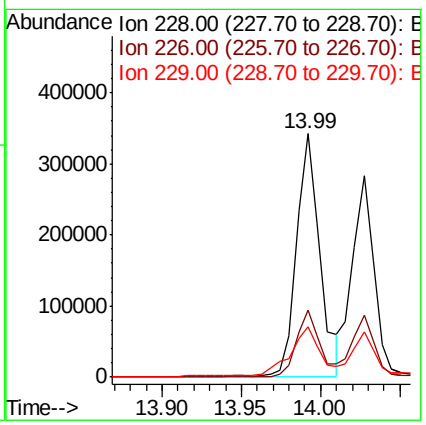


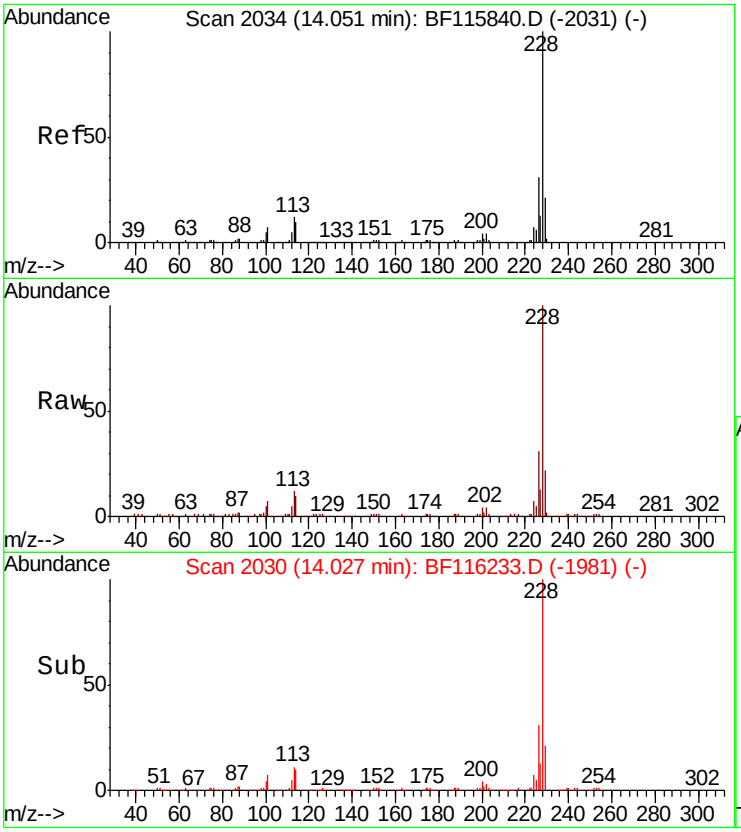


#81
Benzo(a)anthracene
Concen: 11.605 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Tgt Ion:228 Resp: 349221

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.7	34.1
229	20.6	16.2	24.4



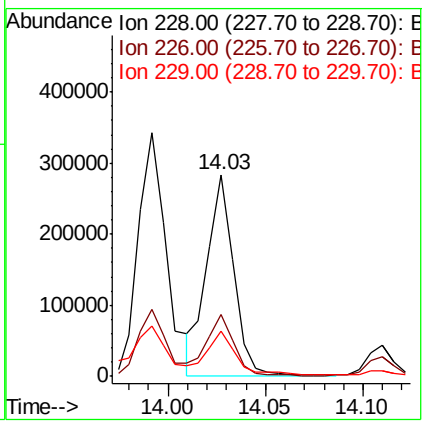


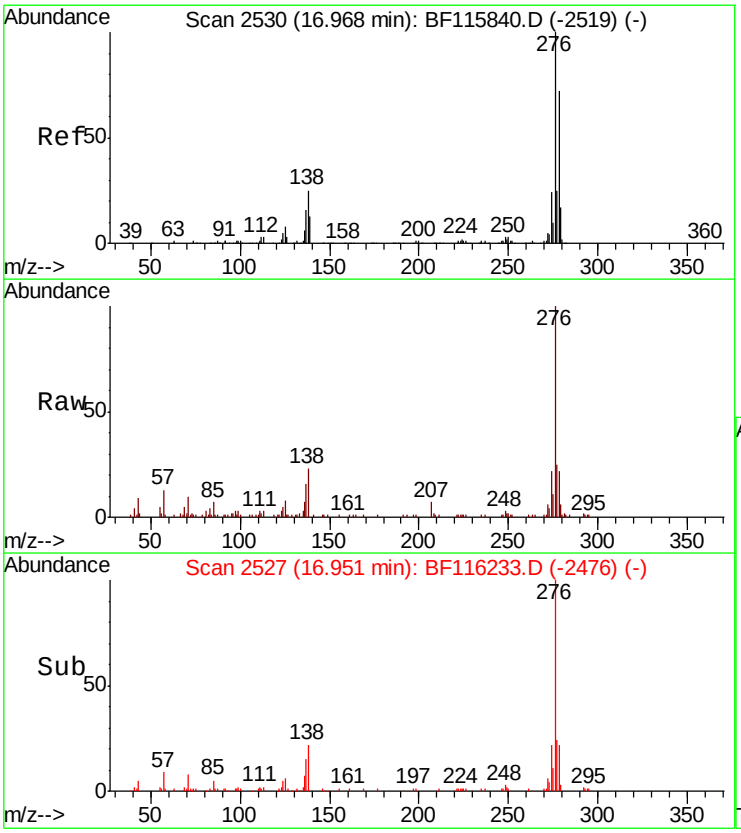
#83
Chrysene
Concen: 9.389 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMP

Tgt Ion:228 Resp: 274293

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.5	38.3
229	22.1	16.6	24.8

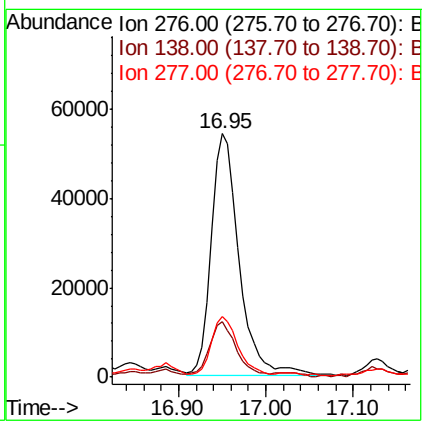


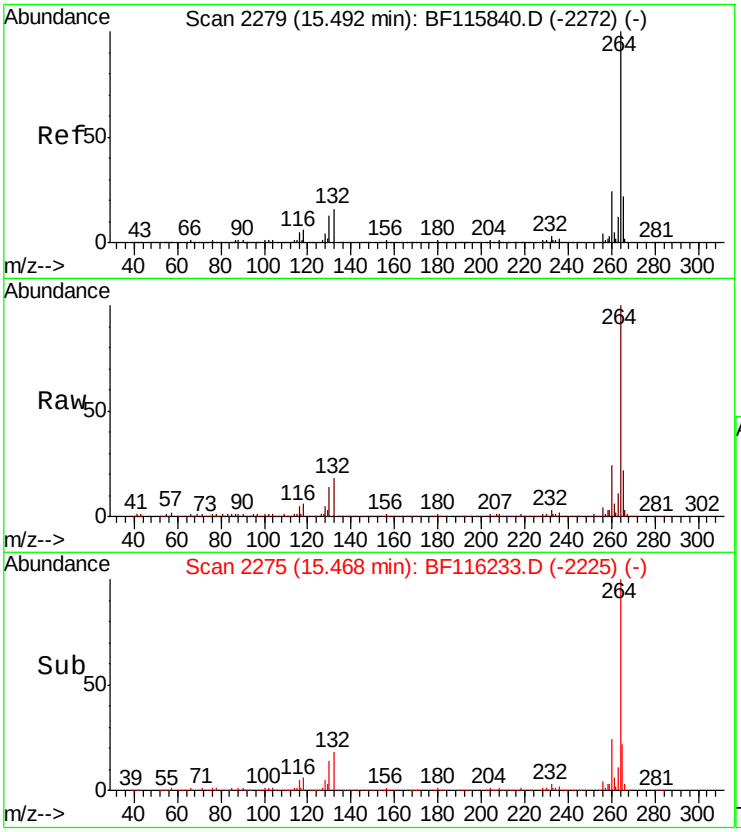


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.850 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Tgt Ion:276 Resp: 119009

Ion	Ratio	Lower	Upper
276	100		
138	20.2	20.4	30.6#
277	22.8	20.0	30.0



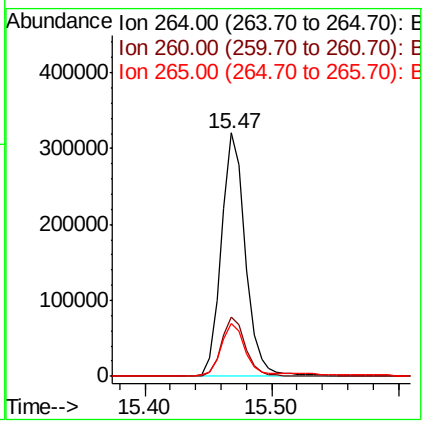


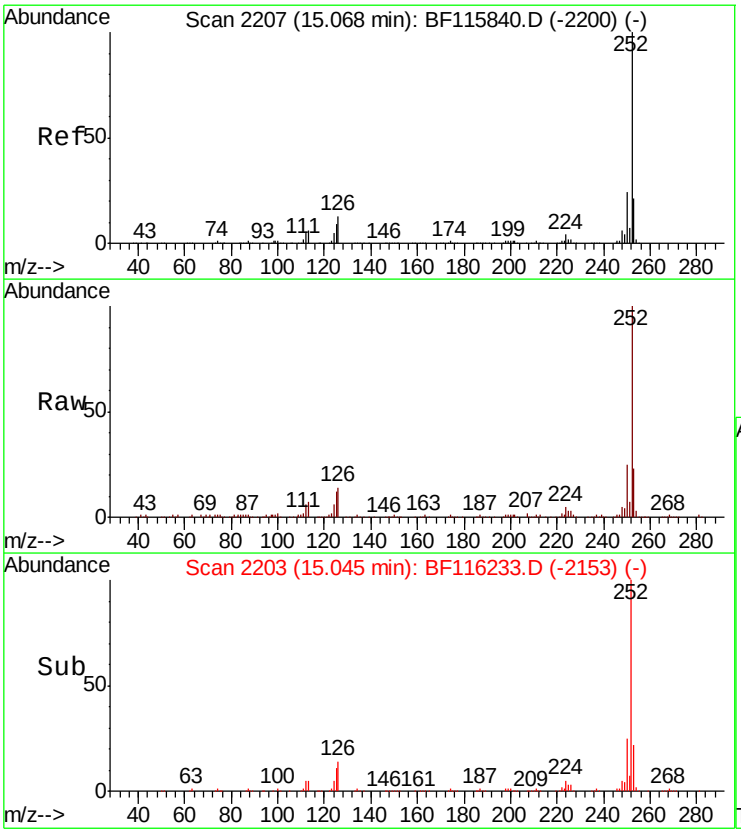
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMP

Tgt Ion:264 Resp: 421101

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	22.0	17.4	26.0

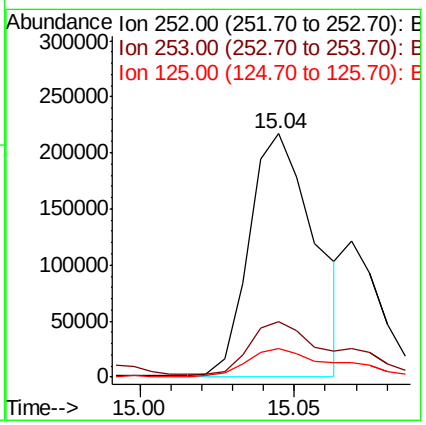


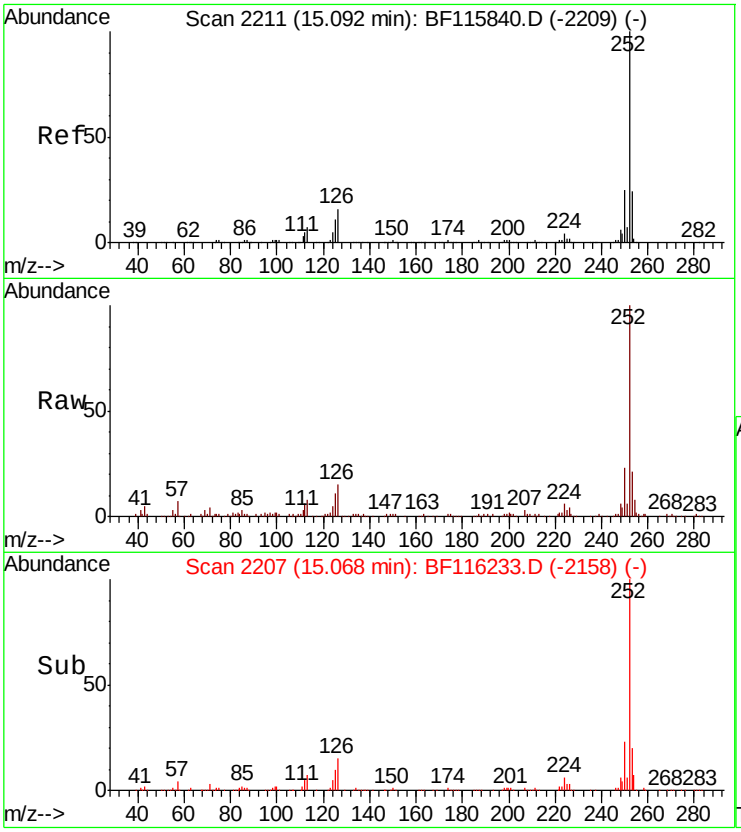


#88
Benzo(b)fluoranthene
Concen: 13.290 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Tgt Ion:252 Resp: 323581

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	11.7	8.4	12.6



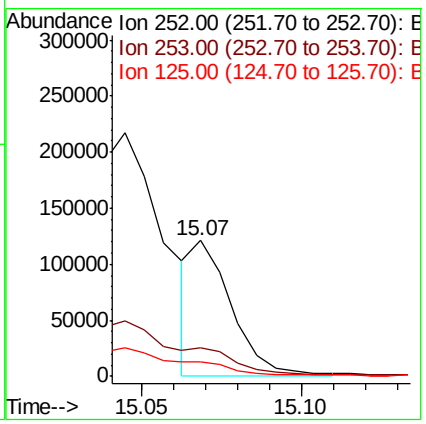


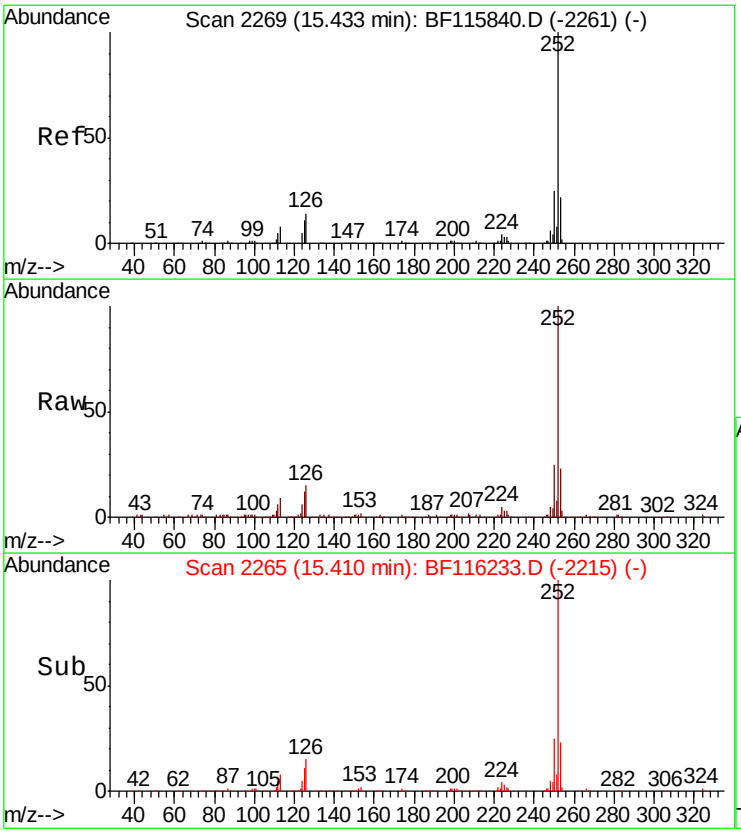
#89
Benzo(k)fluoranthene
Concen: 4.374 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMP

Tgt Ion:252 Resp: 103722

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.8
125	10.7	7.7	11.5

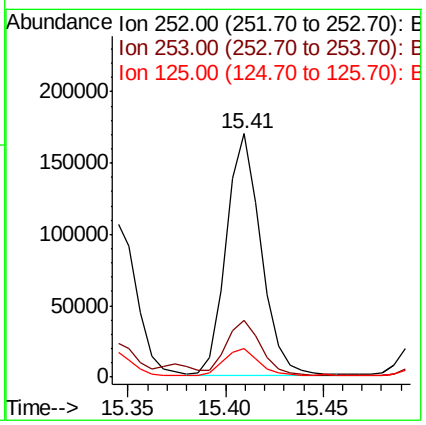


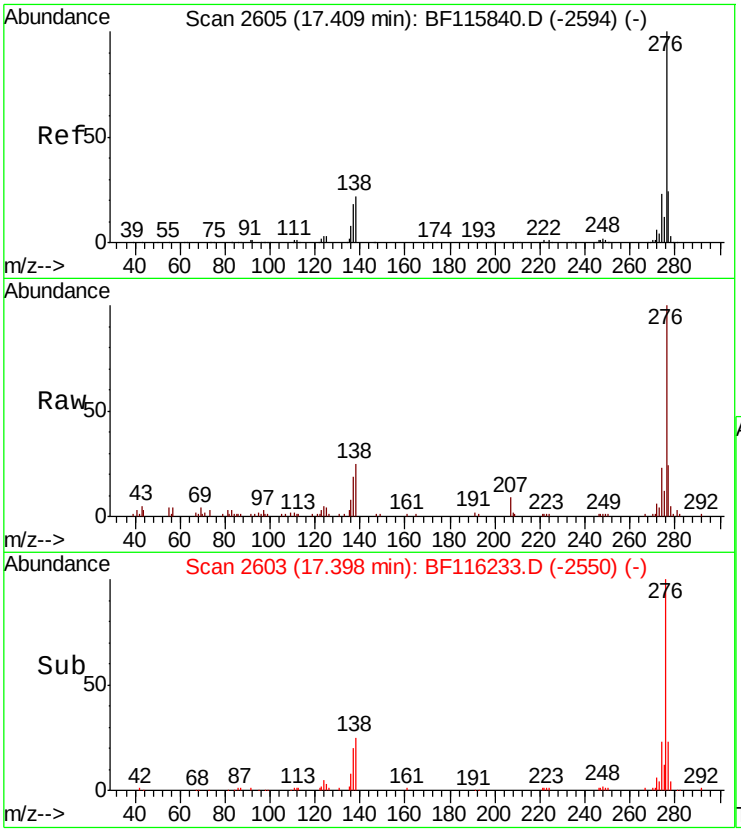


#90
Benzo(a)pyrene
Concen: 9.695 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Tgt Ion:252 Resp: 211019

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	11.7	8.9	13.3





#92
Benzo(g,h,i)perylene
Concen: 5.572 ng
RT: 17.40 min Scan# 2603
Delta R.T. 0.01 min
Lab File: BF116233.D
Acq: 13 Aug 2019 15:54

Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMP

Tgt Ion:276 Resp: 103101

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	25.3	17.0	25.6