Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080719\

Quantitation Report (Not Reviewed)

Data File : BF116057.D
Acq On : 7 Aug 2019 19:47
Operator : HP/JU
Sample : K4192-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-4

Quant Time: Aug 08 07:44:52 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	116744	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	459487	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	223981	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	322698	20.00	ng		0.00
76) Chrysene-d12	14.01	240	245834	20.00	ng		0.00
87) Perylene-d12	15.48	264	302817	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	165976	23.80	ng		0.00
7) Phenol-d6	6.49	99	230946	26.25	ng		0.00
23) Nitrobenzene-d5	7.40	82	139481	17.52	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	41790	19.24	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	265647	22.22	ng		0.00
79) Terphenyl-d14	12.94	244	200305	17.17	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	17393	3.190	ng	#	80
25) Isophorone	7.40	82	139480	9.164	ng	#	65
50) Dimethylphthalate	9.59	163	46677	3.061	ng		100
51) 2,6-Dinitrotoluene	9.87	165	29978	9.045	ng	#	29
52) Acenaphthene	9.91	154	48701	4.134	ng		97
55) Dibenzofuran	10.08	168	42467	2.479	ng	#	94
56) 4-Nitrophenol	10.08	139	17450	6.652	ng	#	11
58) Fluorene	10.42	166	56664	4.299	ng		99
71) Phenanthrene	11.39	178	879514	53.314	ng		99
72) Anthracene	11.44	178	208875	12.511	ng		98
73) Carbazole	11.60	167	76862	5.074	ng		98
75) Fluoranthene	12.58	202	1121242	64.921	ng		97
78) Pyrene	12.81	202	1082159	58.396	ng		99
81) Benzo(a)anthracene	14.00	228	619004	39.395	ng		99
83) Chrysene	14.03	228	535424	35.099	ng		97
86) Indeno(1,2,3-cd)pyrene	16.95	276	302405	23.603	ng		95
88) Benzo(b)fluoranthene	15.05	252	953057	54.432	ng		97
89) Benzo(k)fluoranthene	15.05	252	953057	55.884	ng	#	97
90) Benzo(a)pyrene	15.42	252	520877	33.279	ng		97
91) Dibenzo(a,h)anthracene	16.75	278	50791	3.749	ng		91
92) Benzo(g,h,i)perylene	17.40	276	289801	21.780	ng		98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080719\

Quantitation Report (Not Reviewed)

Data File : BF116057.D
Acq On : 7 Aug 2019 19:47
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Sample : K4192-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 08 07:44:52 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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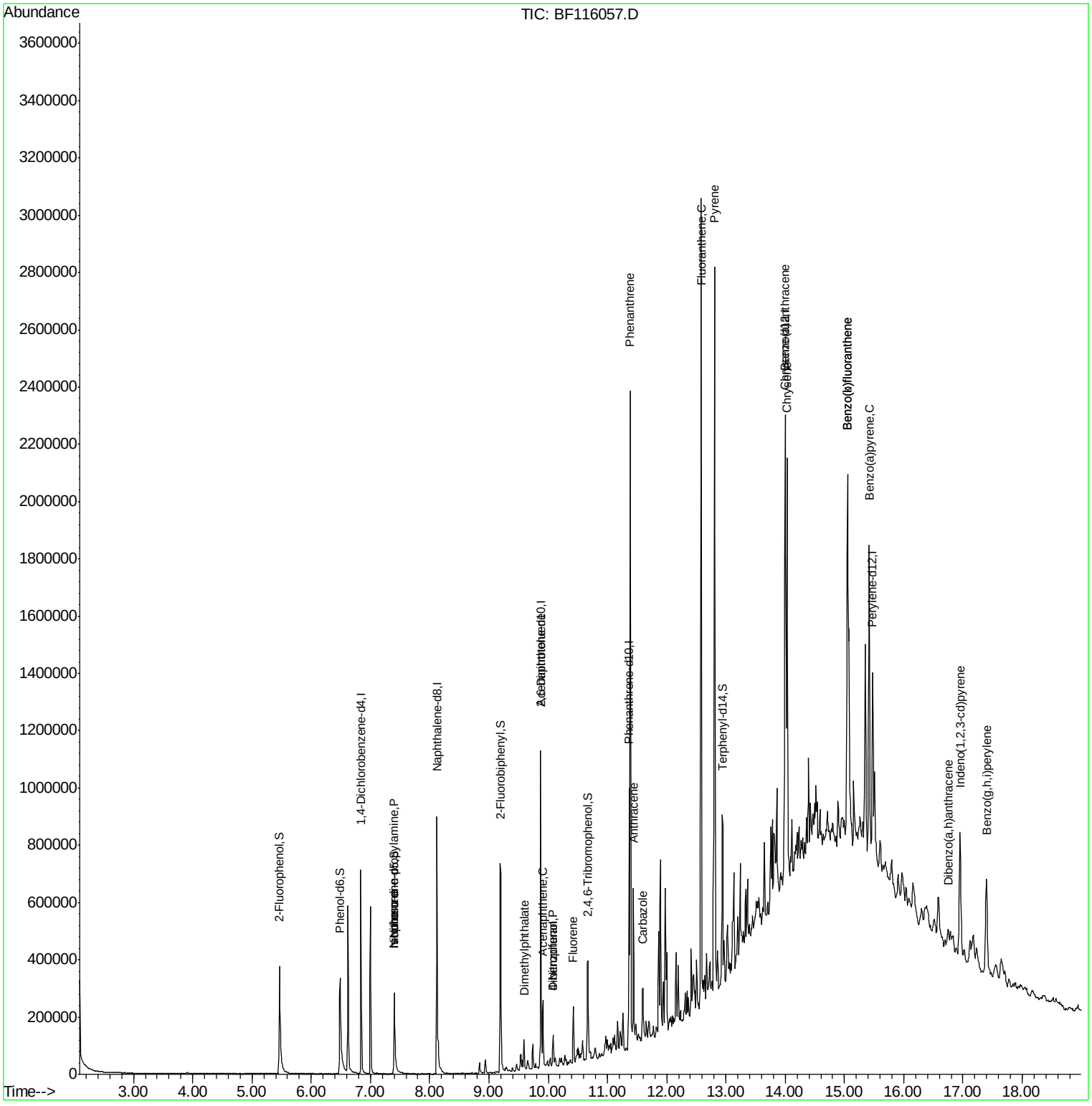
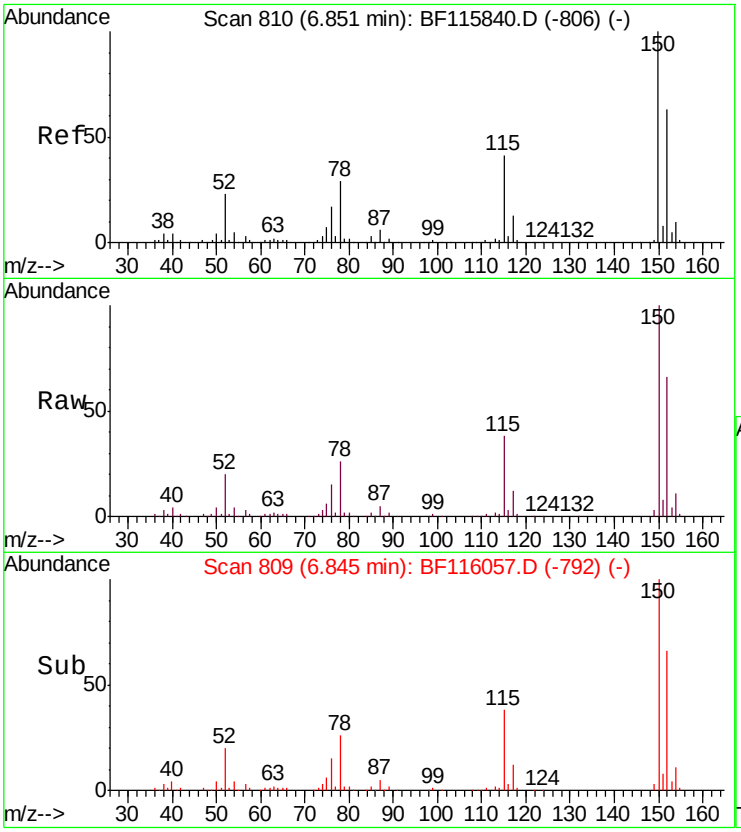


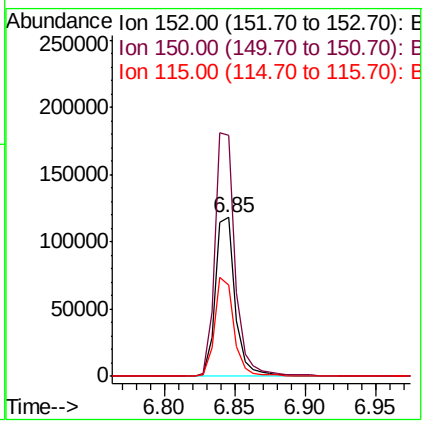


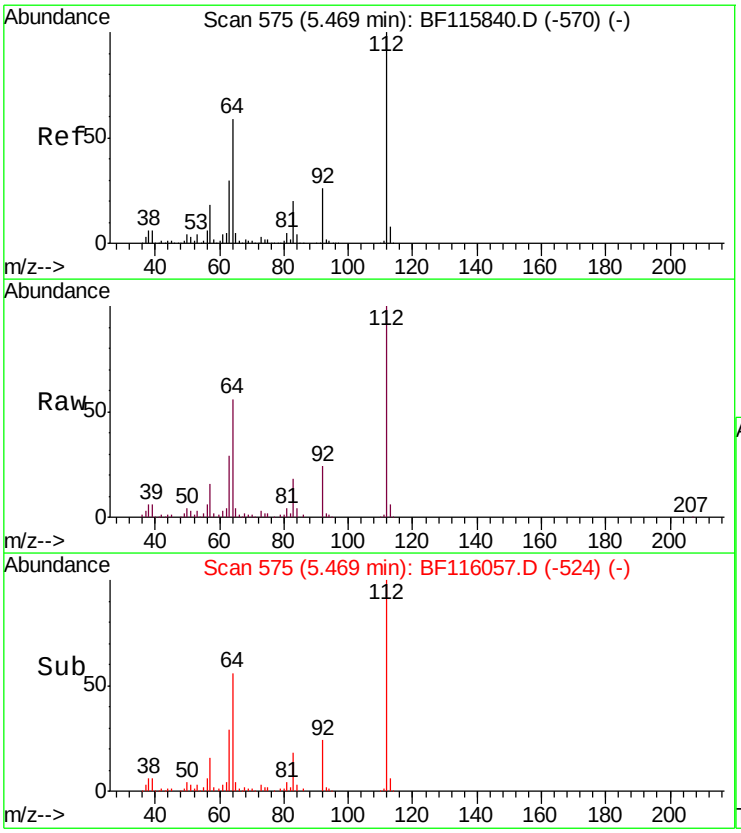
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Instrument :
BNA_F
ClientSampleId :
PS-4

Tgt Ion:152 Resp: 116744

Ion	Ratio	Lower	Upper
152	100		
150	152.2	126.2	189.2
115	57.2	49.9	74.9

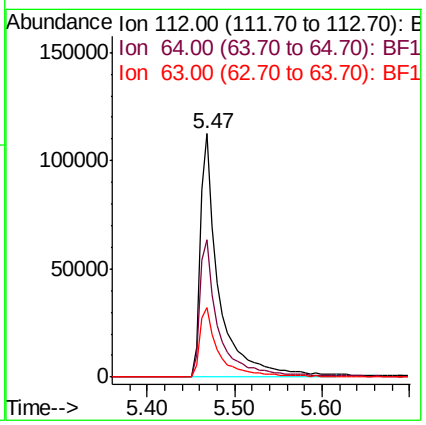


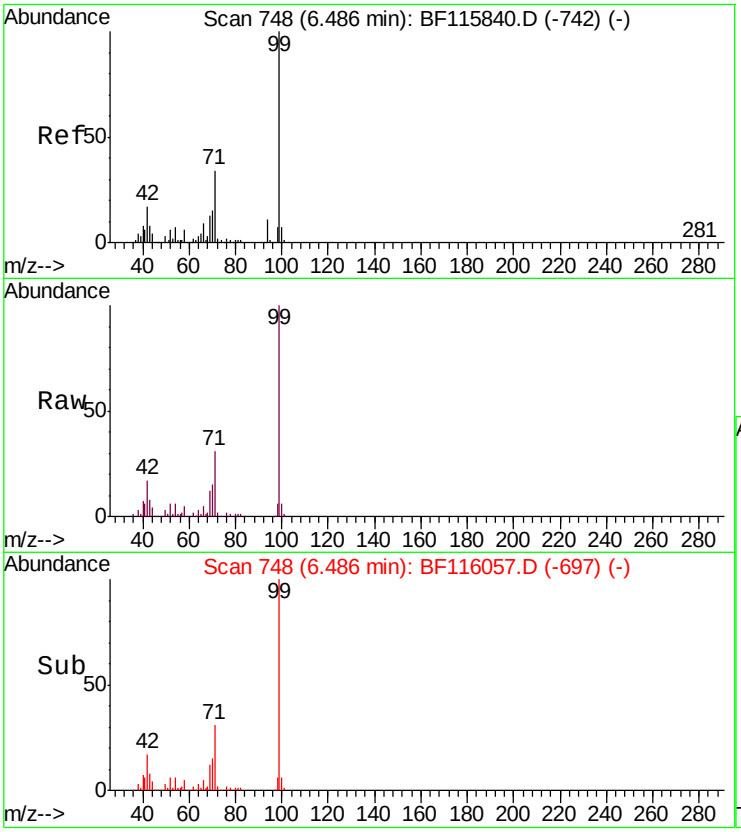


#5
2-Fluorophenol
Concen: 23.800 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Tgt Ion:112 Resp: 165976

Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.4	68.2
63	28.8	23.7	35.5



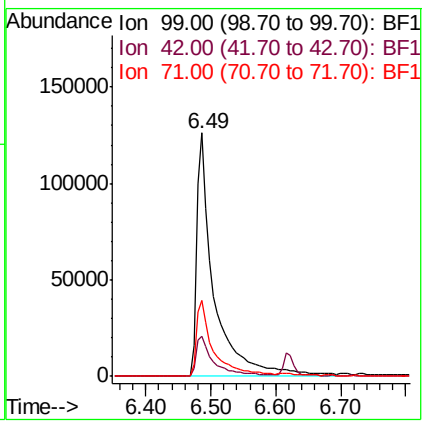


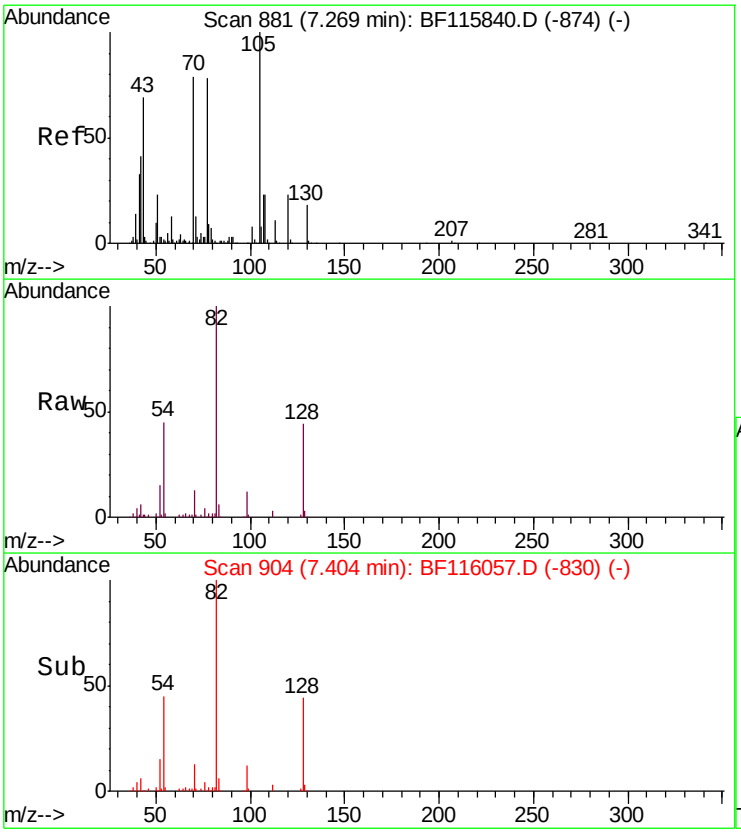
#7
Phenol-d6
Concen: 26.248 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Instrument :
BNA_F
ClientSampleId :
PS-4

Tgt Ion: 99 Resp: 230946

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.8	20.8
71	31.2	27.3	40.9

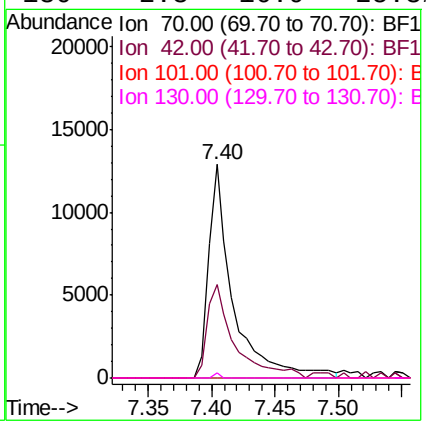


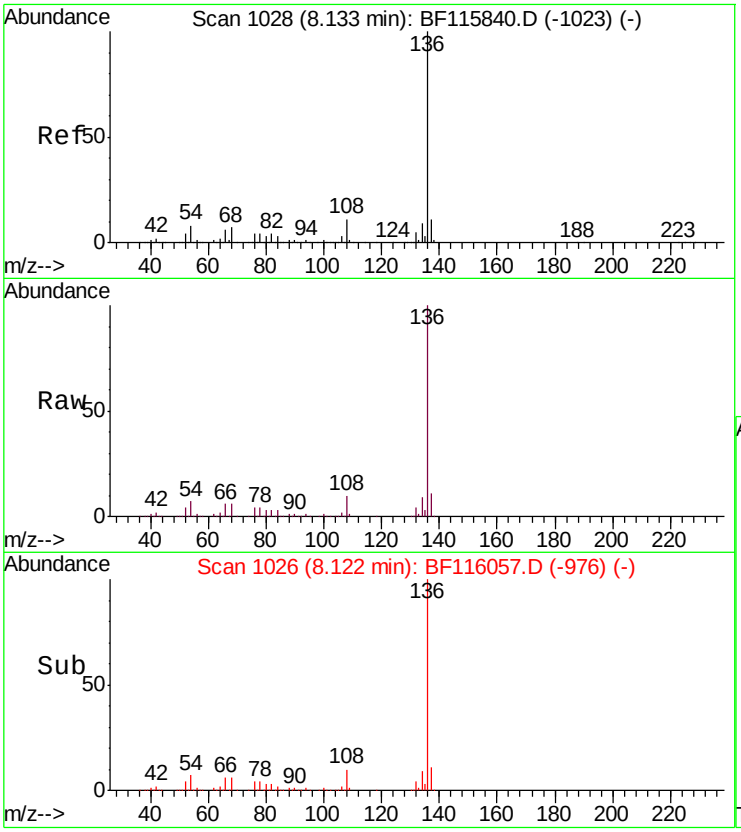


#19
n-Nitroso-di-n-propylamine
Concen: 3.190 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Tgt Ion: 70 Resp: 17393

Ion	Ratio	Lower	Upper
70	100		
42	43.6	40.9	61.3
101	0.0	7.9	11.9#
130	2.3	16.9	25.3#



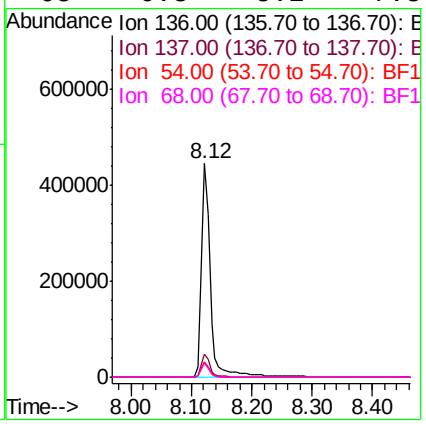


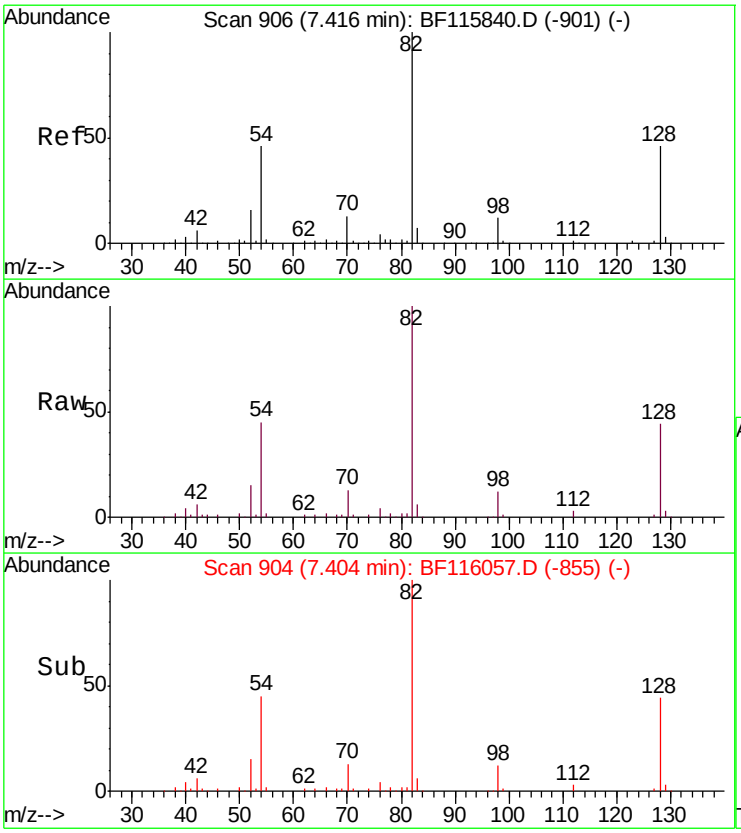
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Instrument :
BNA_F
ClientSampleId :
PS-4

Tgt Ion:136 Resp: 459487

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	7.4	5.8	8.6
68	6.3	5.2	7.8

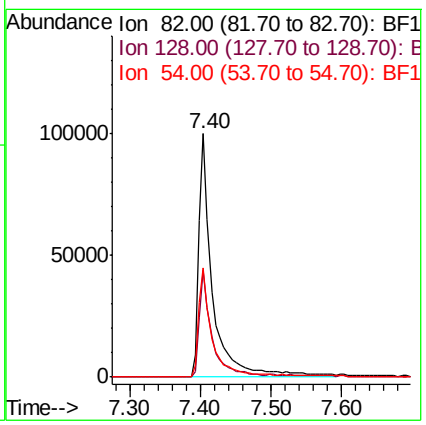


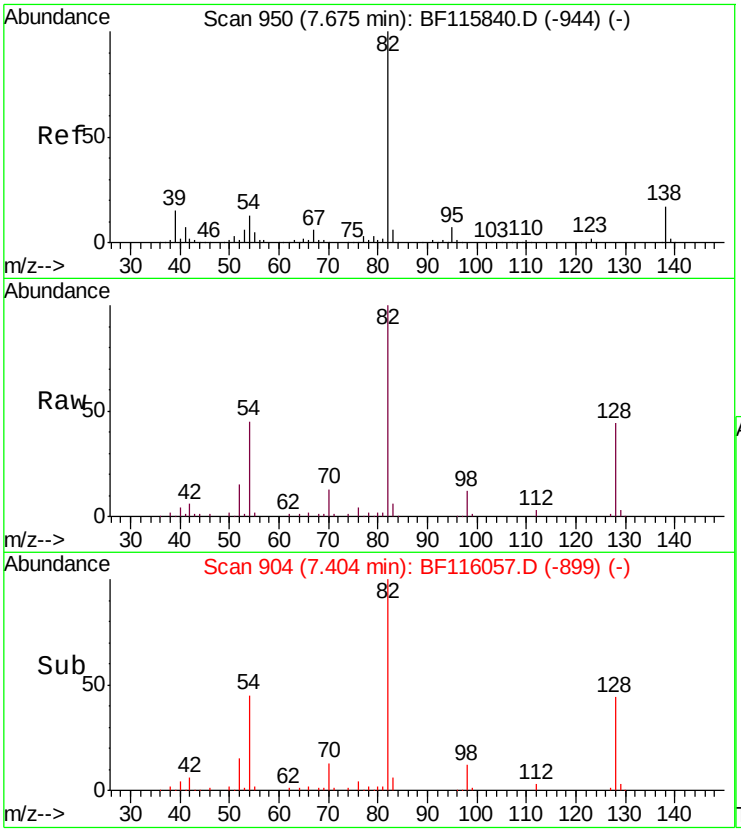


#23
Nitrobenzene-d5
Concen: 17.522 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Tgt Ion: 82 Resp: 139481

Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.5	54.7
54	44.7	36.0	54.0



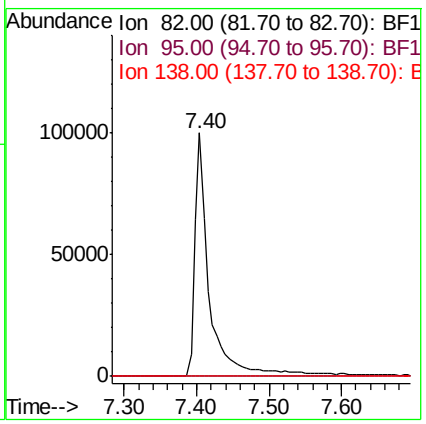


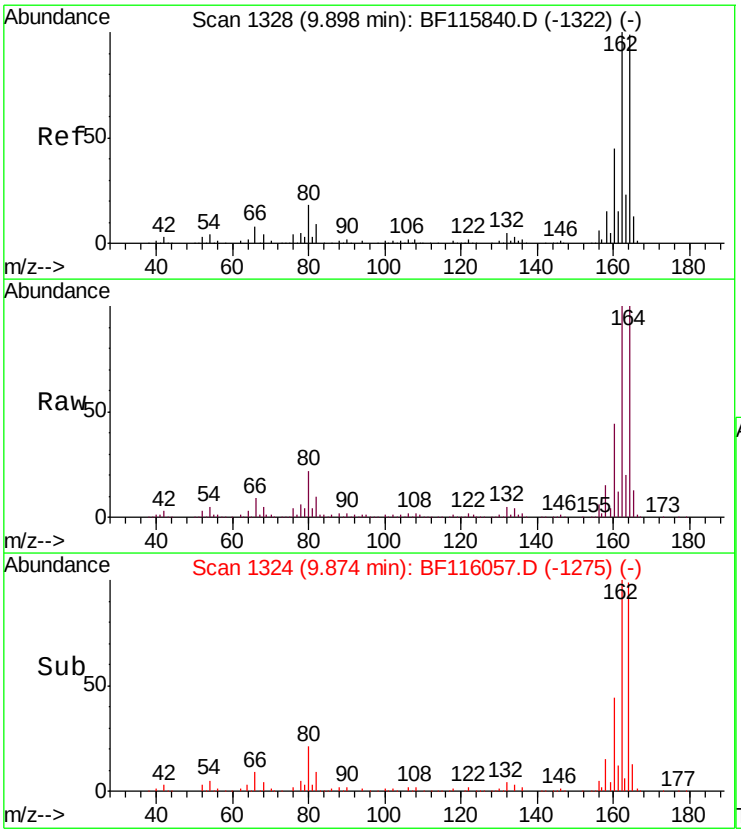
#25
Isophorone
Concen: 9.164 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Instrument :
BNA_F
ClientSampleId :
PS-4

Tgt Ion: 82 Resp: 139480

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.5	21.7#

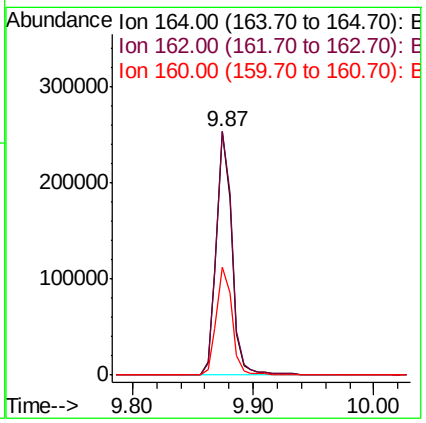


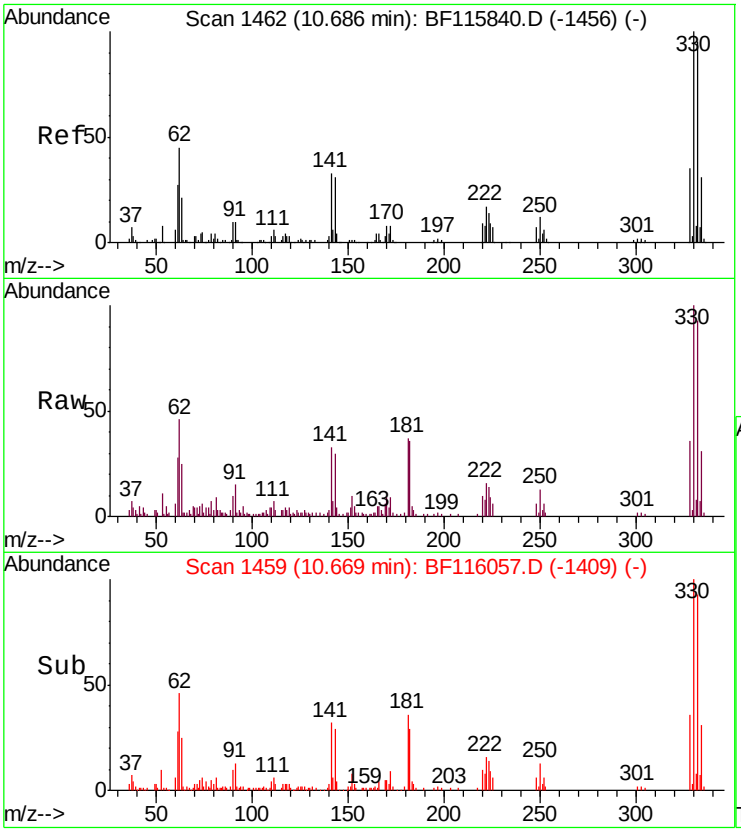


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Tgt Ion:164 Resp: 223981

Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.6	124.0
160	44.3	37.6	56.4



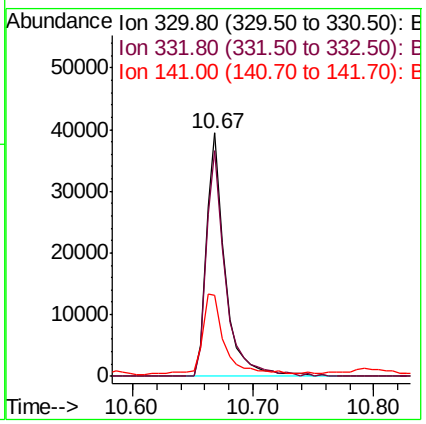


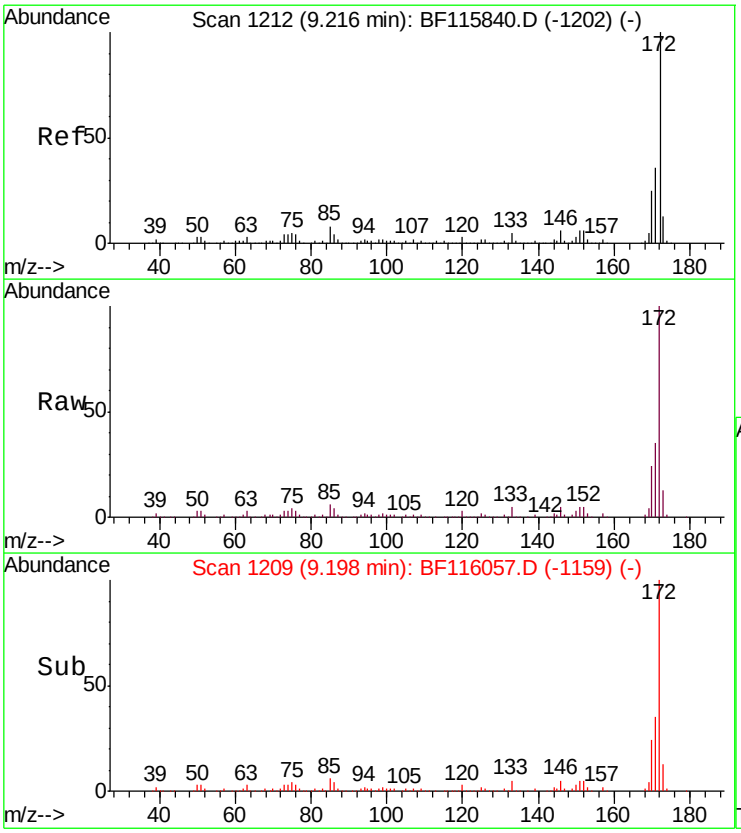
#42
2,4,6-Tribromophenol
Concen: 19.244 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Instrument :
BNA_F
ClientSampleId :
PS-4

Tgt Ion:330 Resp: 41790

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.8	115.2
141	40.1	26.3	39.5#

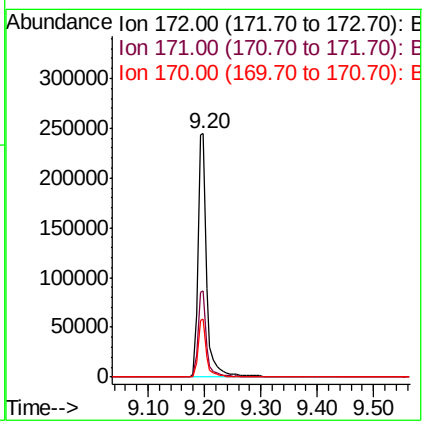


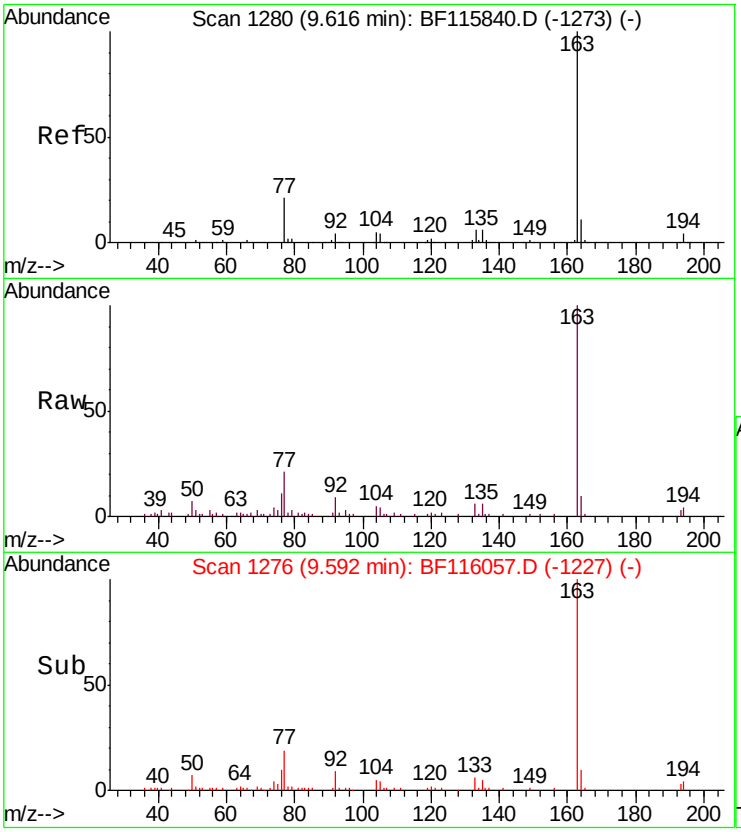


#45
2-Fluorobiphenyl
Concen: 22.215 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Tgt Ion:172 Resp: 265647

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.8	20.1	30.1



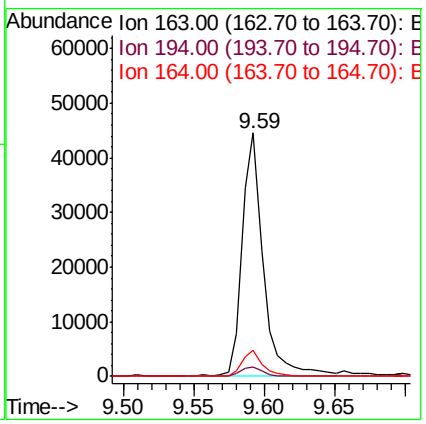


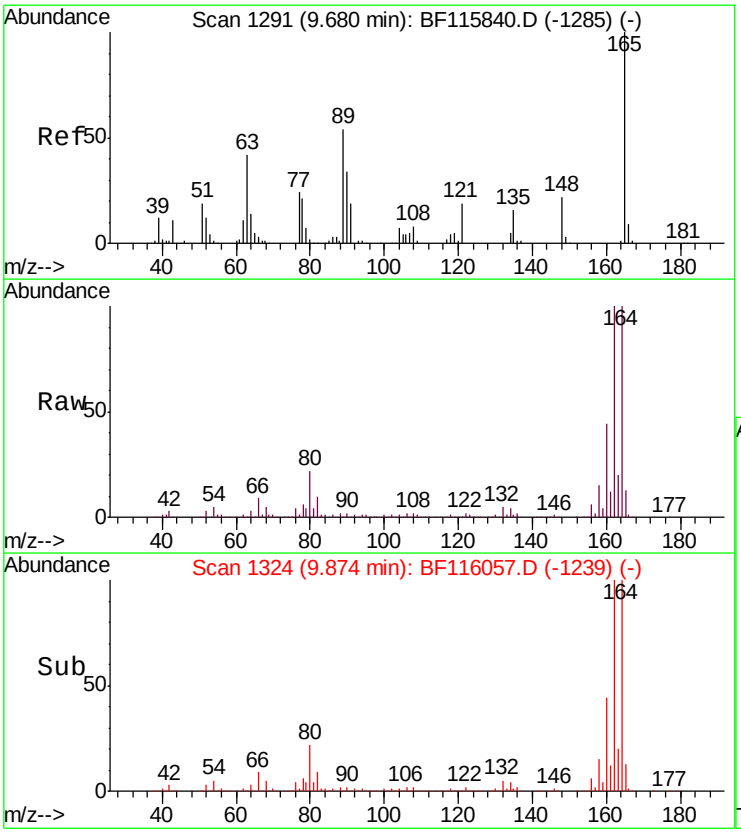
#50
Dimethylphthalate
Concen: 3.061 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Instrument :
BNA_F
ClientSampleId :
PS-4

Tgt Ion:163 Resp: 46677

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.4	8.4	12.6

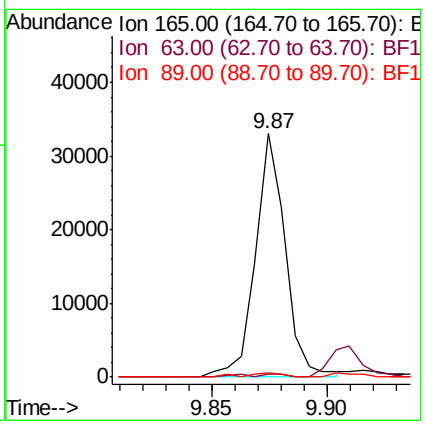


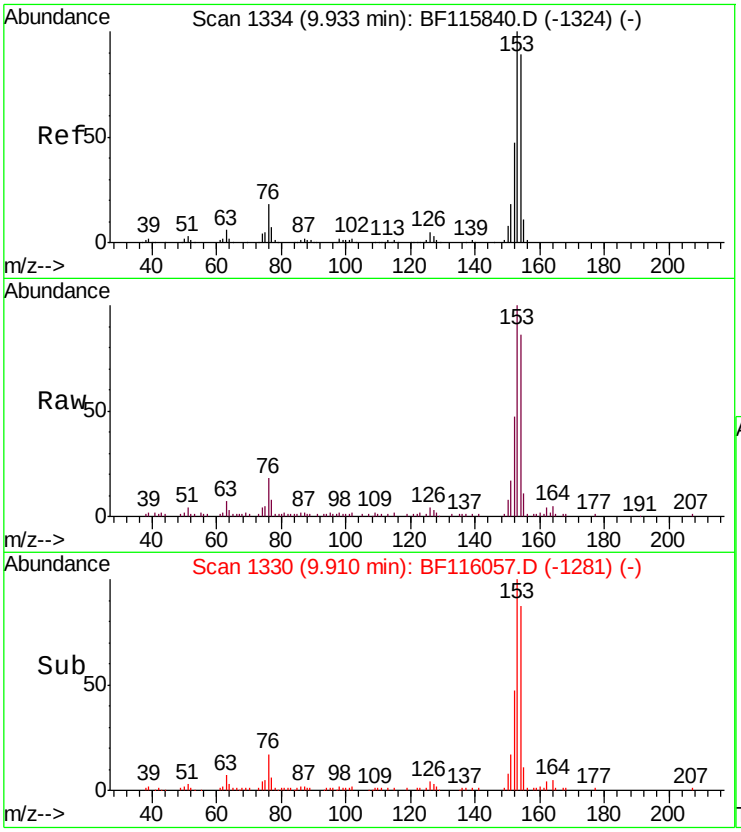


#51
2,6-Dinitrotoluene
Concen: 9.045 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.20 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Tgt Ion:165 Resp: 29978

Ion	Ratio	Lower	Upper
165	100		
63	1.3	38.2	57.2#
89	1.7	42.9	64.3#



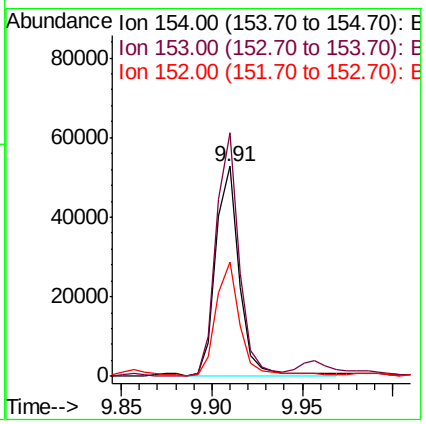


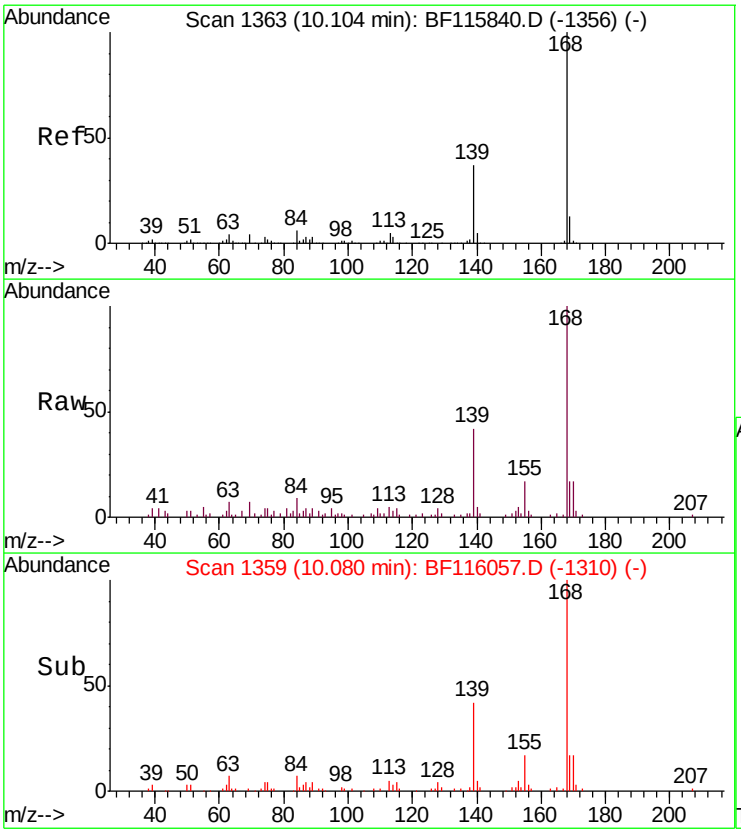
#52
Acenaphthene
Concen: 4.134 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Instrument :
BNA_F
ClientSampleId :
PS-4

Tgt Ion:154 Resp: 48701

Ion	Ratio	Lower	Upper
154	100		
153	115.8	89.4	134.0
152	54.2	42.3	63.5

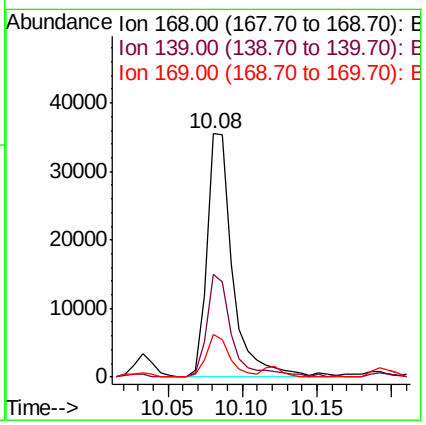


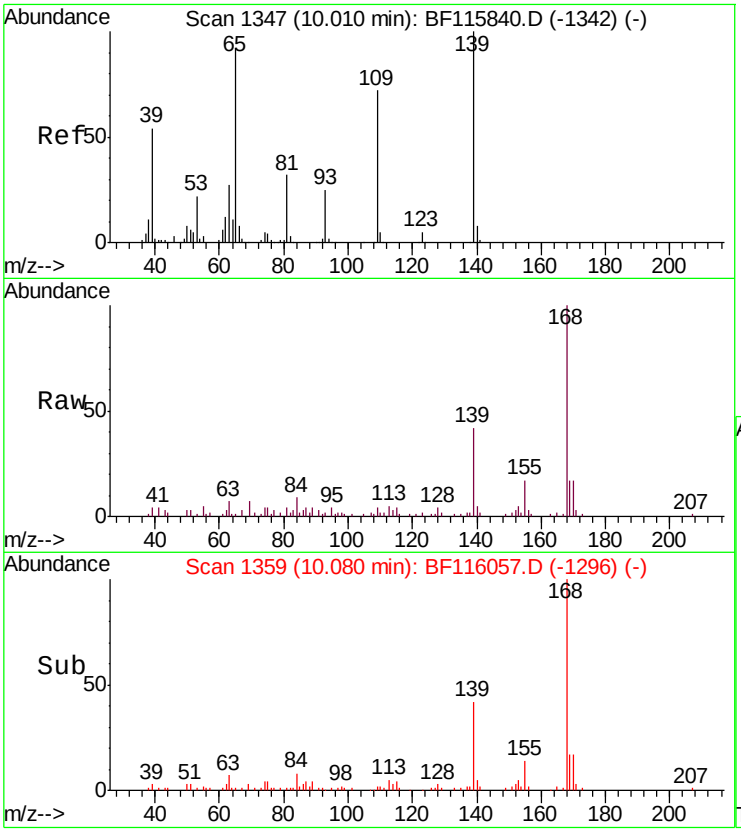


#55
Dibenzofuran
Concen: 2.479 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Tgt Ion:168 Resp: 42467

Ion	Ratio	Lower	Upper
168	100		
139	42.3	31.4	47.2
169	17.3	10.9	16.3#



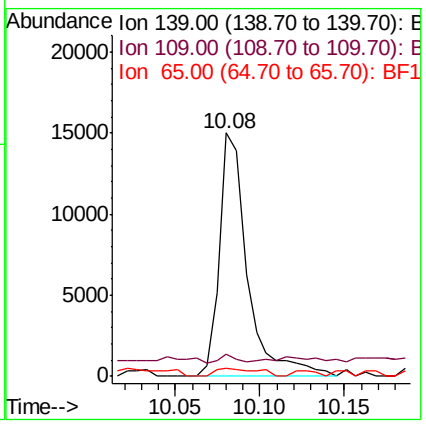


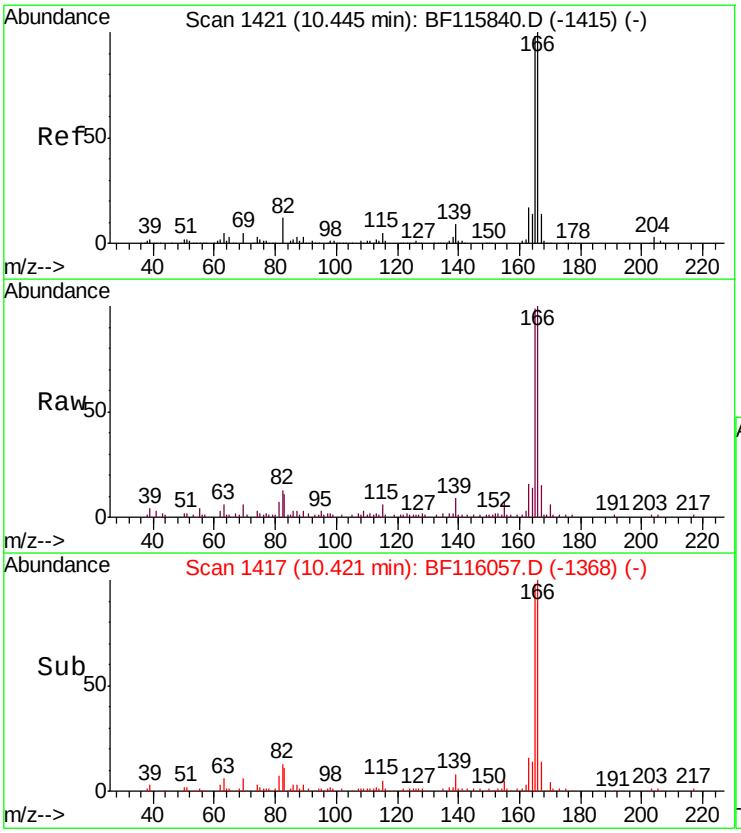
#56
4-Nitrophenol
Concen: 6.652 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.07 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Instrument :
BNA_F
ClientSampleId :
PS-4

Tgt Ion:139 Resp: 17450

Ion	Ratio	Lower	Upper
139	100		
109	9.0	54.4	94.4#
65	3.1	80.6	120.6#

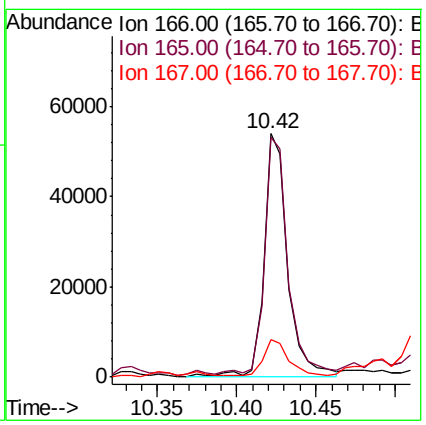


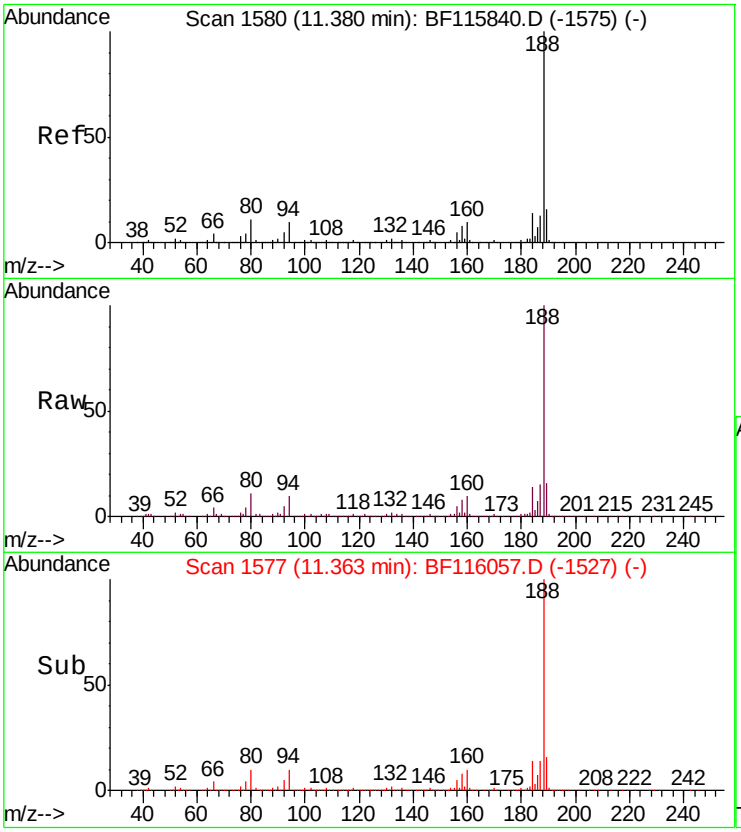


#58
Fluorene
Concen: 4.299 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Tgt Ion:166 Resp: 56664

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.4	117.6
167	15.2	11.0	16.4



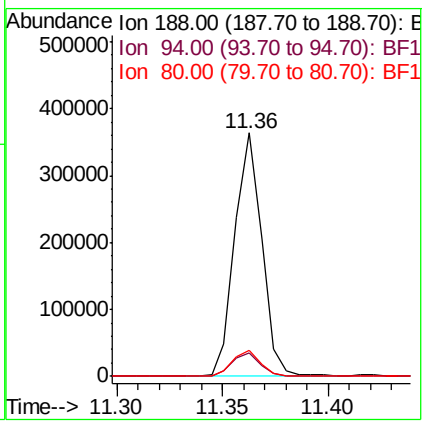


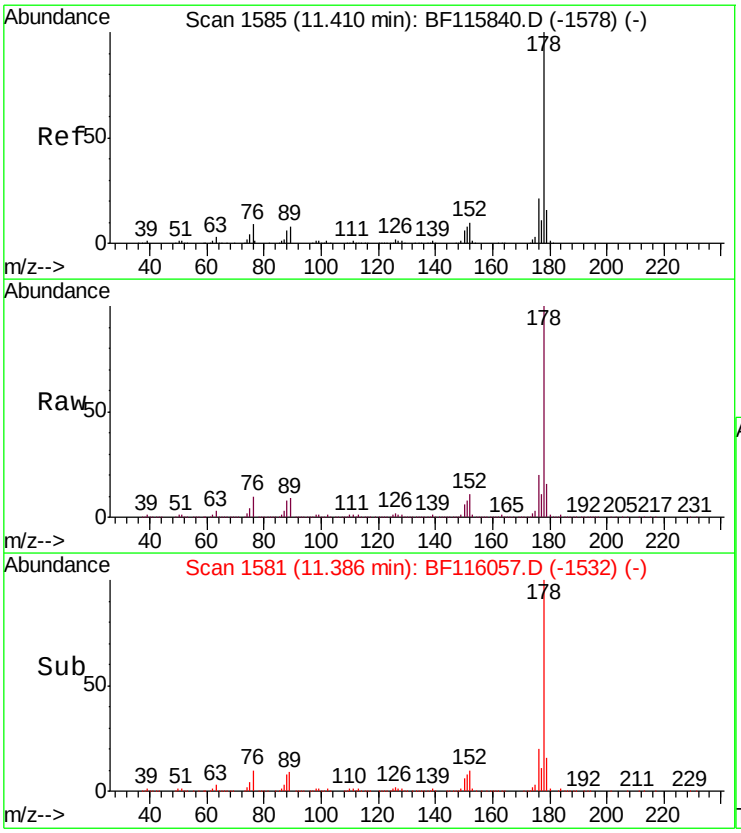
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Instrument :
BNA_F
ClientSampleId :
PS-4

Tgt Ion:188 Resp: 322698

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.1	12.1
80	10.6	8.7	13.1

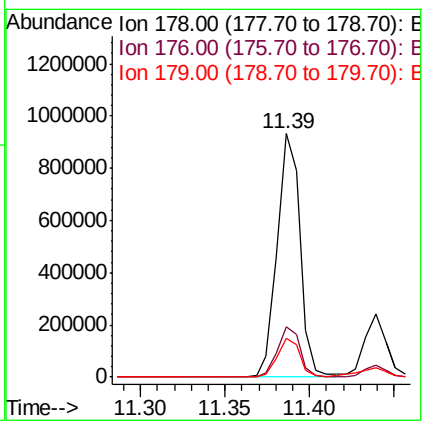


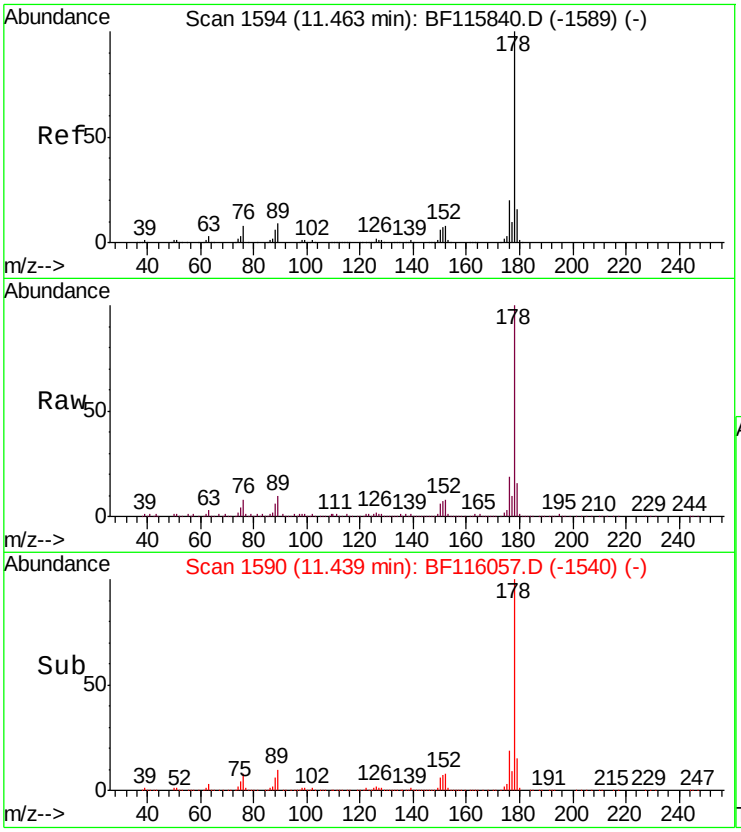


#71
Phenanthrene
Concen: 53.314 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Tgt Ion:178 Resp: 879514

Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.6	24.8
179	16.0	12.5	18.7



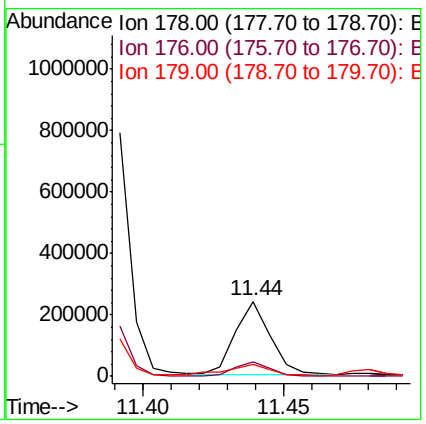


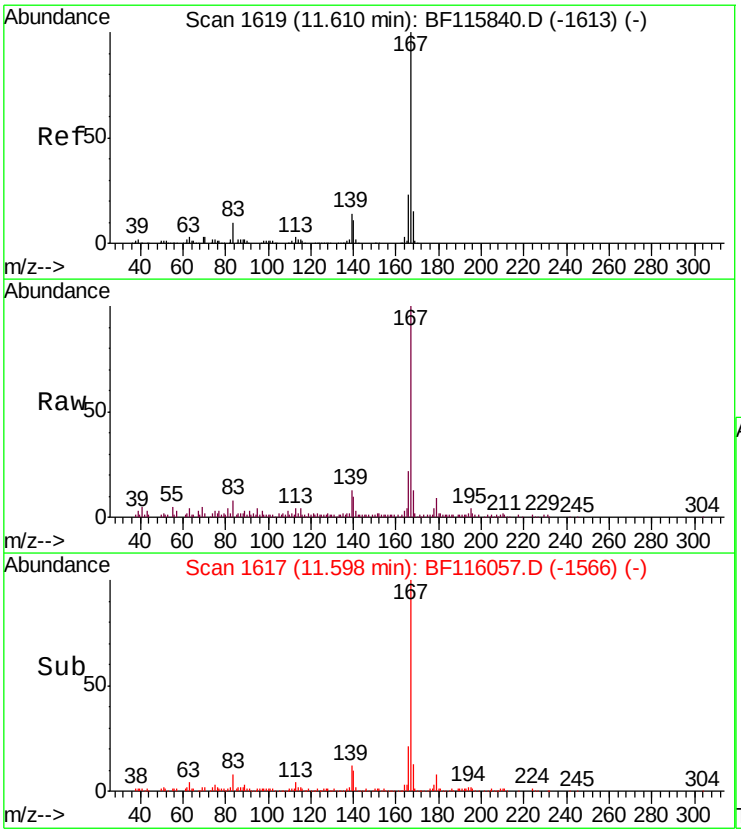
#72
Anthracene
Concen: 12.511 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Instrument :
BNA_F
ClientSampleId :
PS-4

Tgt Ion:178 Resp: 208875

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	15.7	13.0	19.6

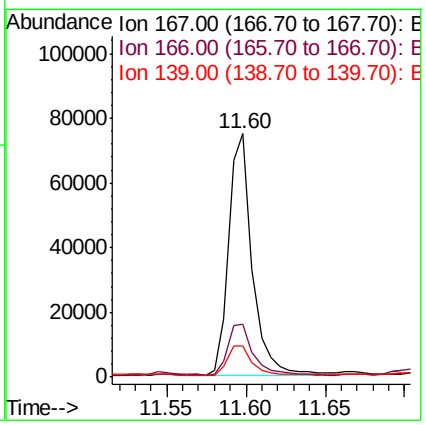


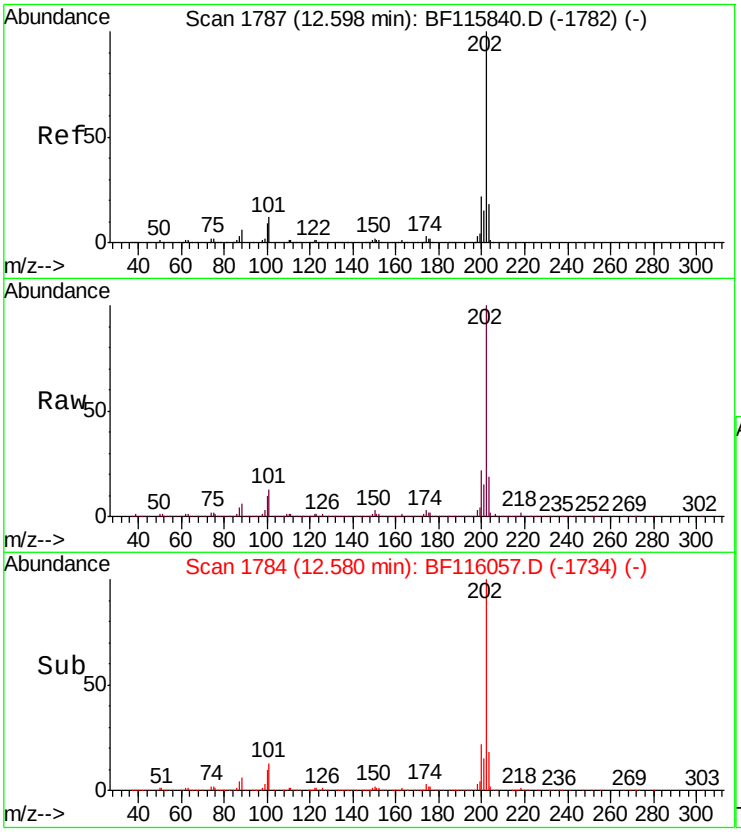


#73
Carbazole
Concen: 5.074 ng
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Tgt Ion:167 Resp: 76862

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.6
139	12.8	11.4	17.0



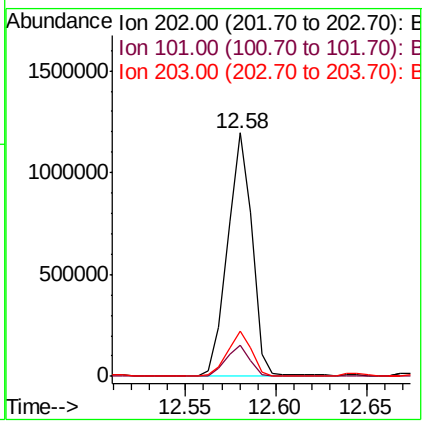


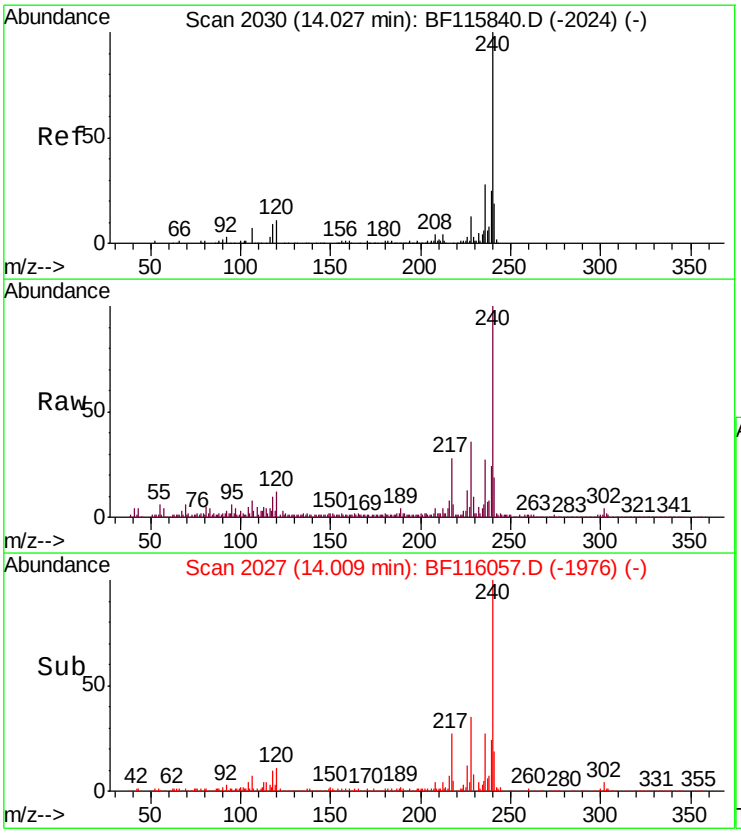
#75
Fluoranthene
Concen: 64.921 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Instrument :
BNA_F
ClientSampleId :
PS-4

Tgt Ion:202 Resp: 1121242

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	31.2
203	18.5	0.0	37.8

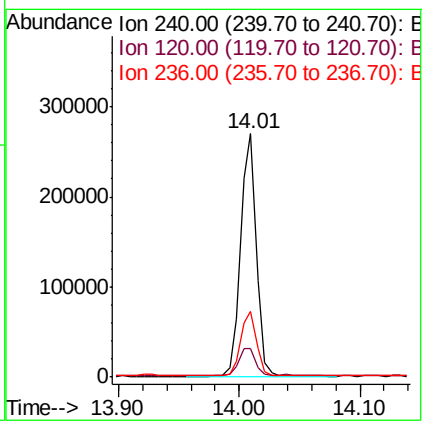


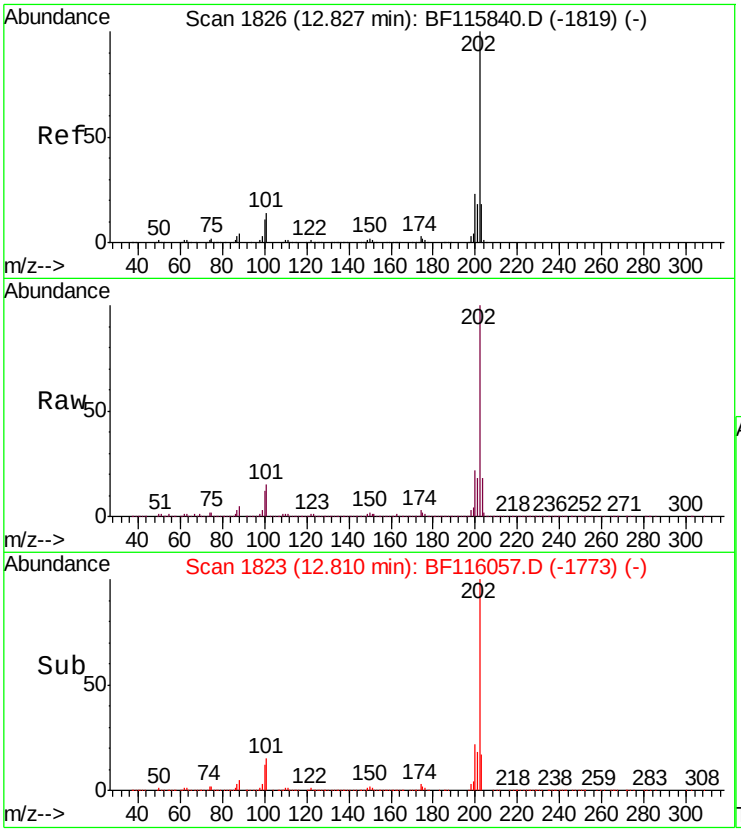


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Tgt Ion:240 Resp: 245834

Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.7	16.1
236	27.2	22.2	33.2



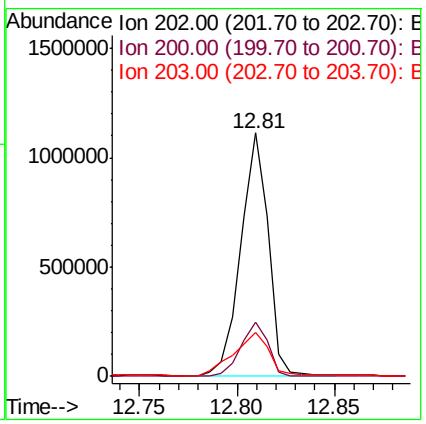


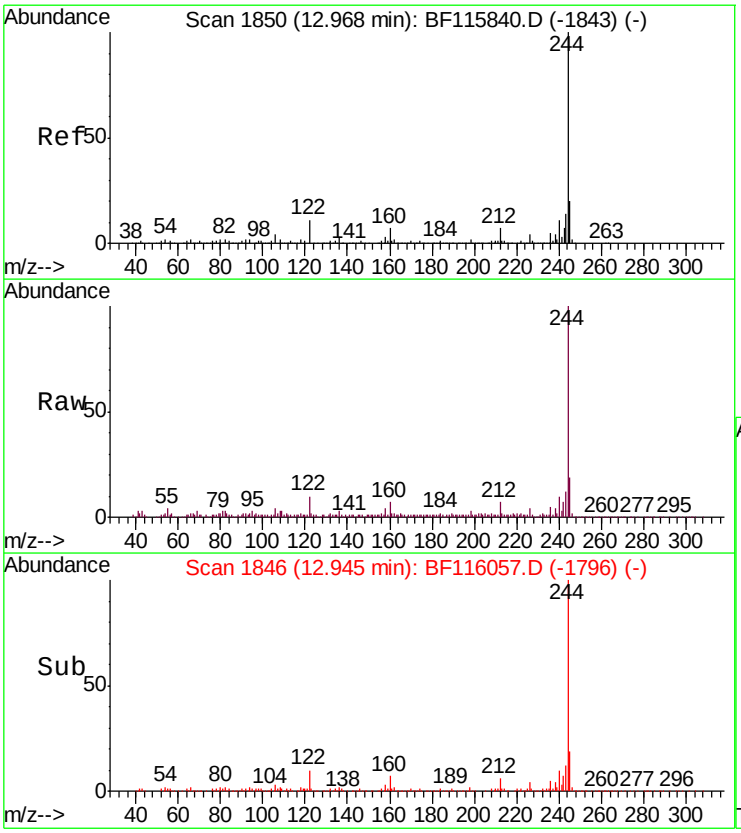
#78
Pyrene
Concen: 58.396 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Instrument :
BNA_F
ClientSampleId :
PS-4

Tgt Ion:202 Resp: 1082159

Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.0	27.0
203	17.8	14.1	21.1

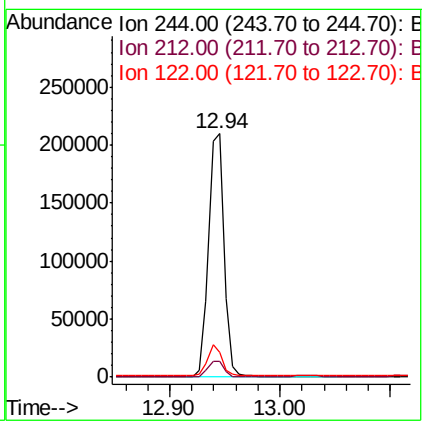


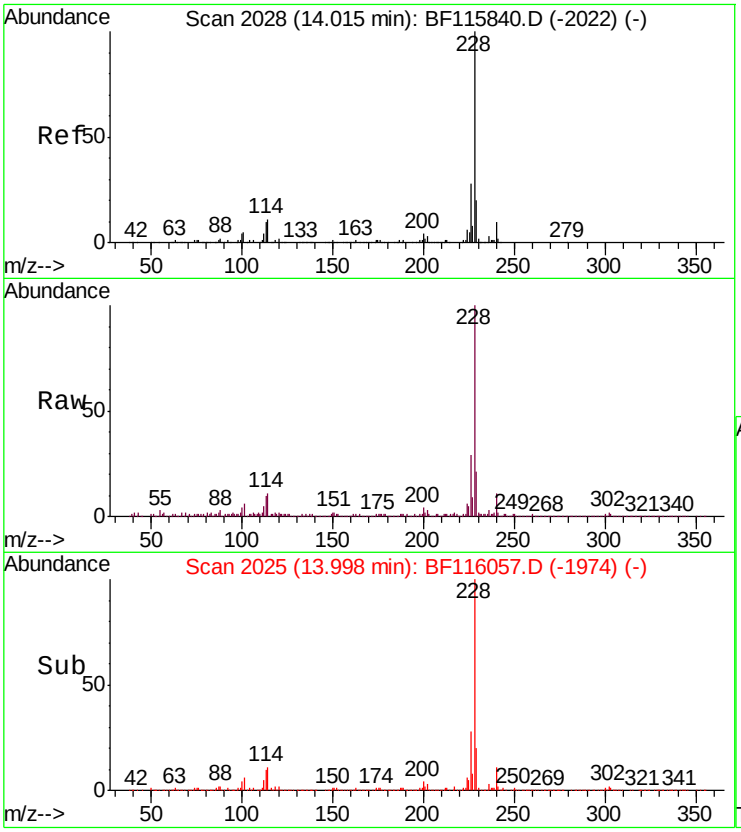


#79
Terphenyl-d14
Concen: 17.169 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Tgt Ion:244 Resp: 200305

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.4	9.0	13.4



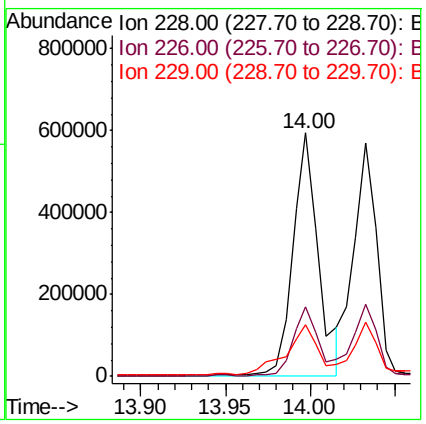


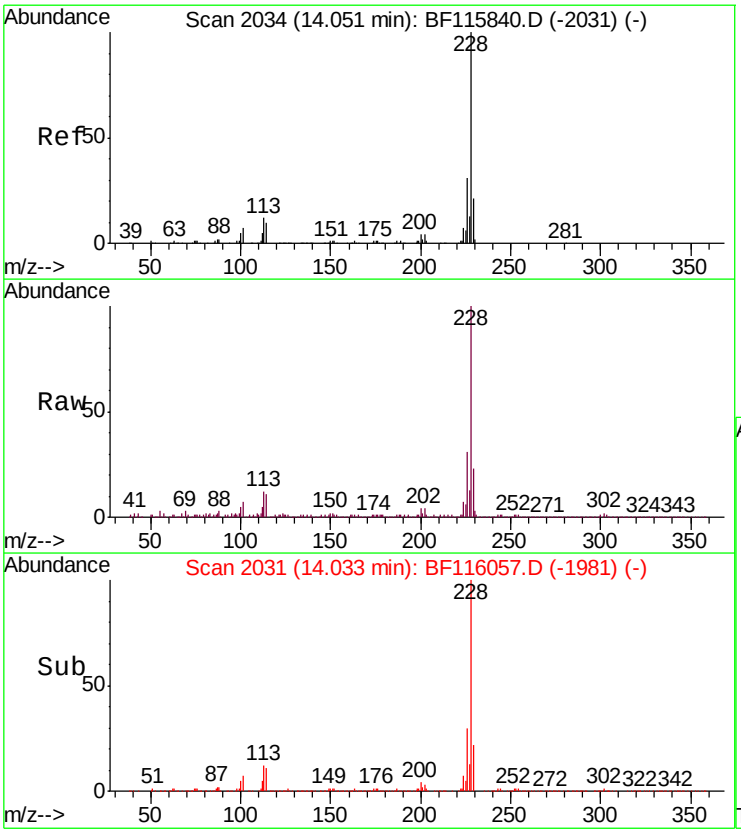
#81
Benzo(a)anthracene
Concen: 39.395 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Instrument :
BNA_F
ClientSampleId :
PS-4

Tgt Ion:228 Resp: 619004

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.7	34.1
229	21.0	16.2	24.4

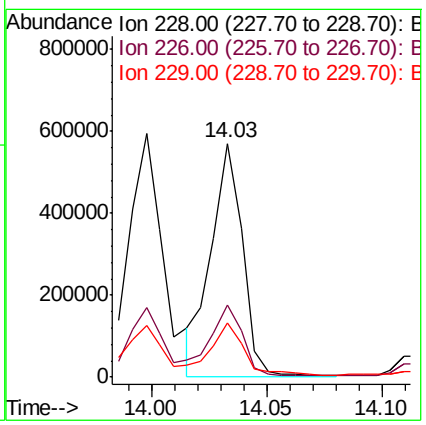


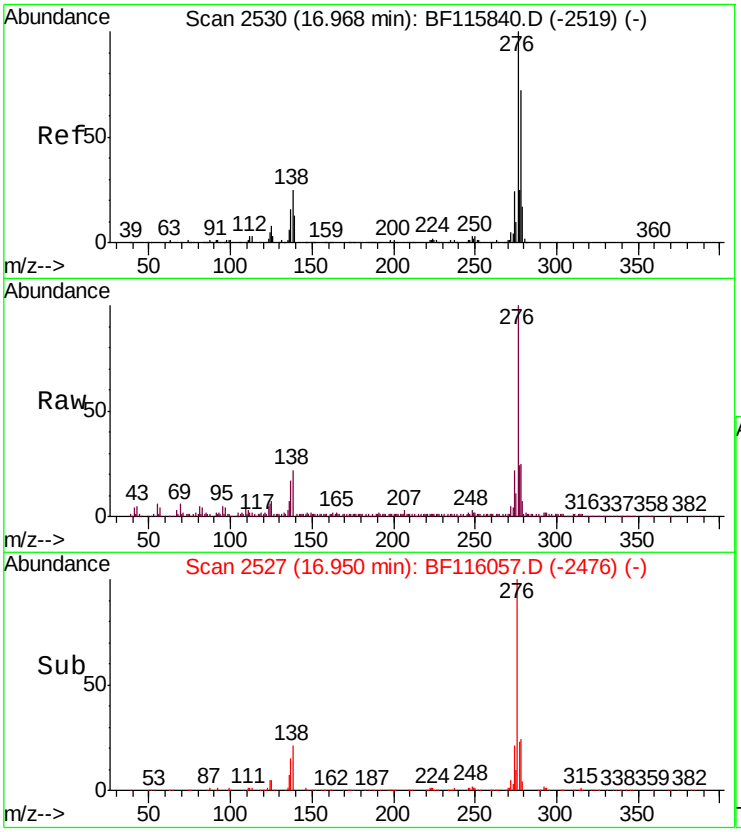


#83
Chrysene
Concen: 35.099 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Tgt Ion:228 Resp: 535424

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.5	38.3
229	23.2	16.6	24.8



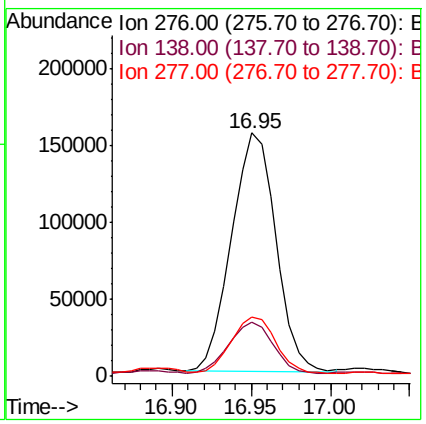


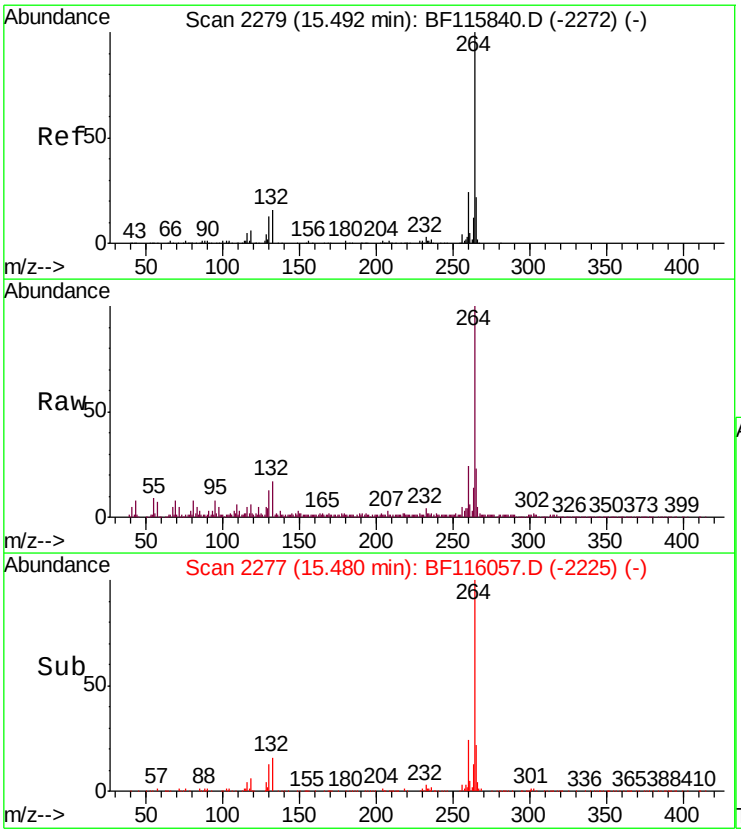
#86
Indeno(1,2,3-cd)pyrene
Concen: 23.603 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Instrument :
BNA_F
ClientSampleId :
PS-4

Tgt Ion:276 Resp: 302405

Ion	Ratio	Lower	Upper
276	100		
138	21.9	20.4	30.6
277	23.1	20.0	30.0

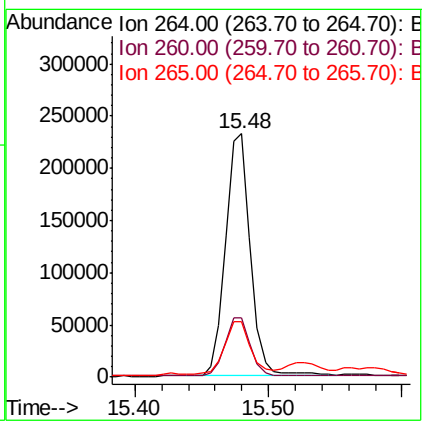


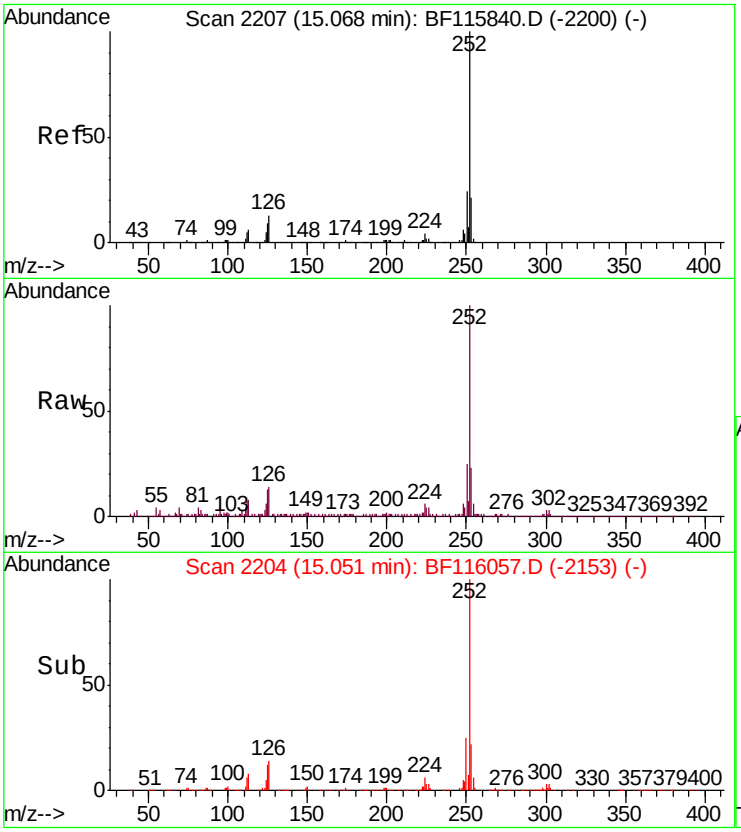


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Tgt Ion:264 Resp: 302817

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	22.7	17.4	26.0



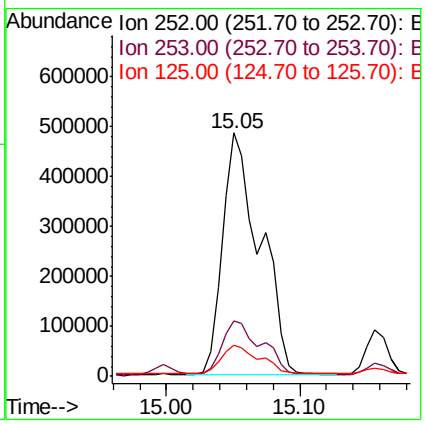


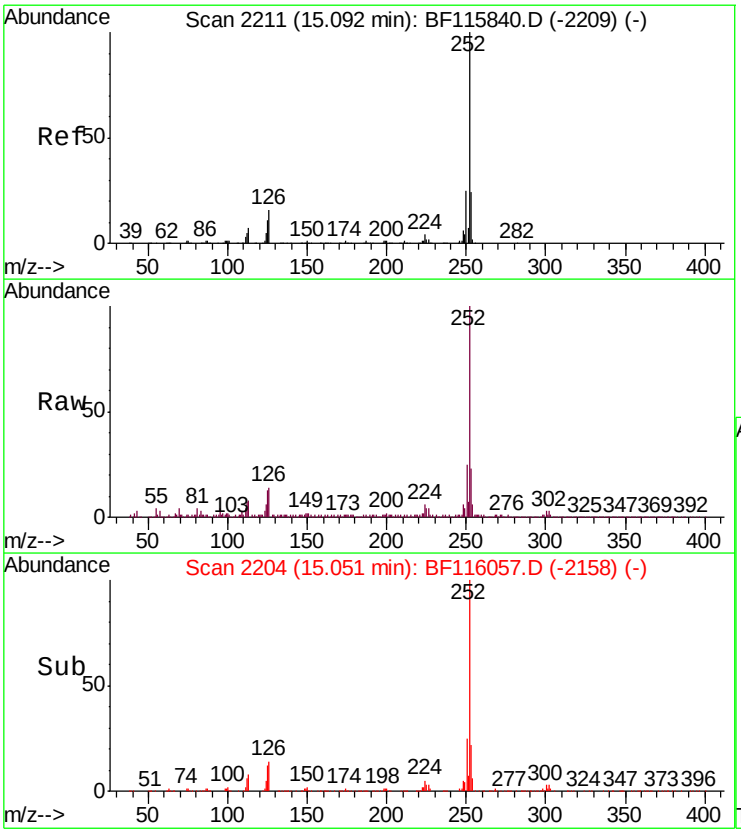
#88
Benzo(b)fluoranthene
Concen: 54.432 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Instrument :
BNA_F
ClientSampleId :
PS-4

Tgt Ion:252 Resp: 953057

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	12.6	8.4	12.6

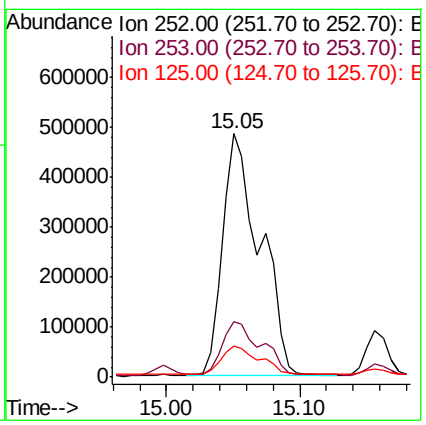


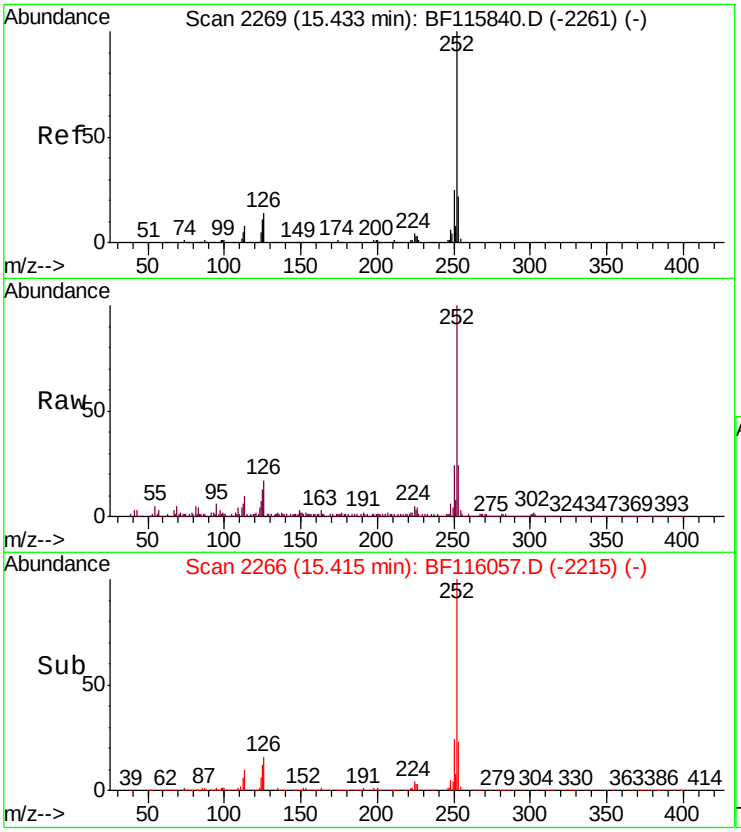


#89
Benzo(k)fluoranthene
Concen: 55.884 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Tgt Ion:252 Resp: 953057

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	12.6	7.7	11.5#



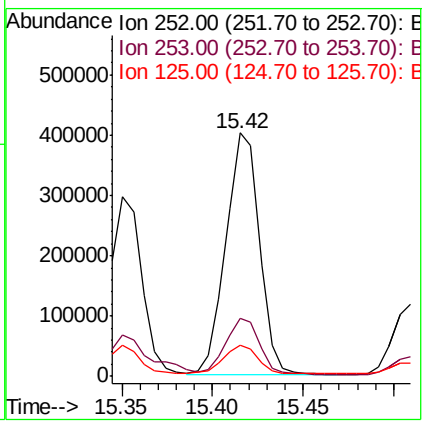


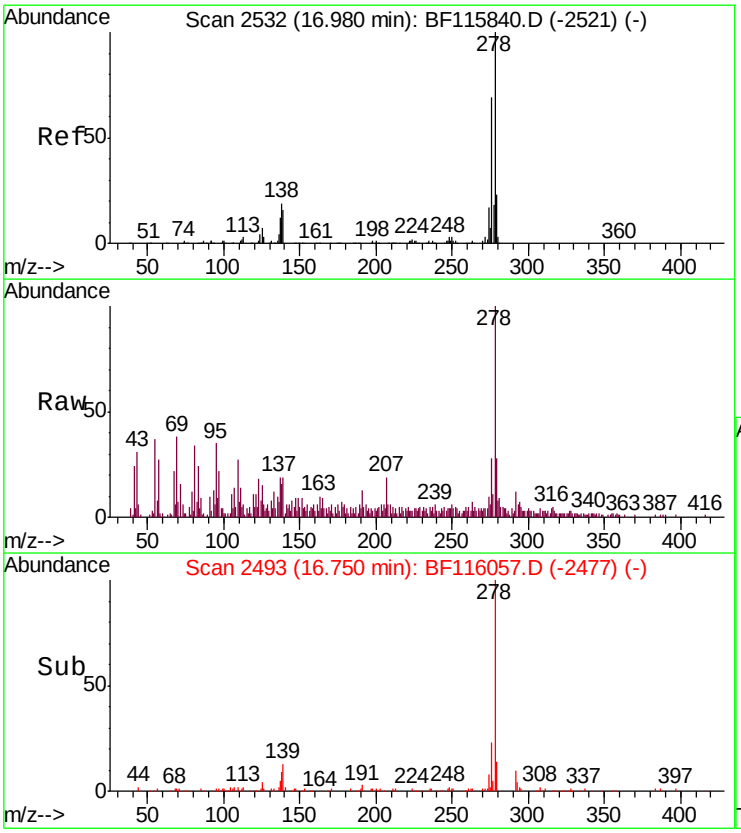
#90
Benzo(a)pyrene
Concen: 33.279 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Instrument :
BNA_F
ClientSampleId :
PS-4

Tgt Ion:252 Resp: 520877

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	13.0	8.9	13.3

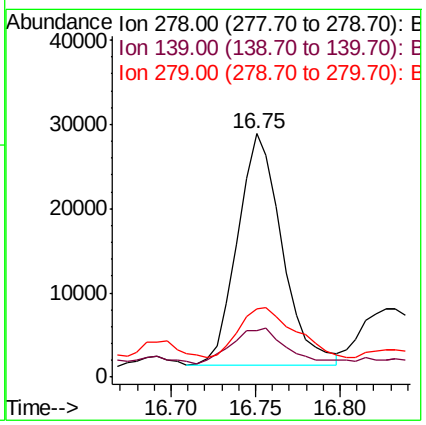


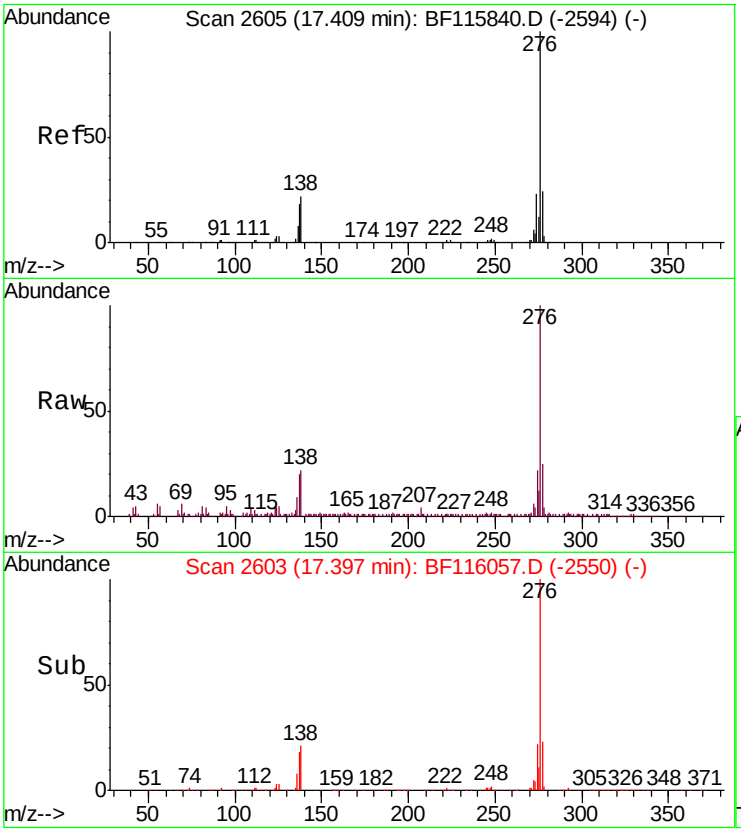


#91
Dibenzo(a,h)anthracene
Concen: 3.749 ng
RT: 16.75 min Scan# 2493
Delta R.T. -0.21 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Tgt Ion:278 Resp: 50791

Ion	Ratio	Lower	Upper
278	100		
139	19.1	12.8	19.2
279	28.1	18.8	28.2





#92
Benzo(g,h,i)perylene
Concen: 21.780 ng
RT: 17.40 min Scan# 2603
Delta R.T. 0.01 min
Lab File: BF116057.D
Acq: 7 Aug 2019 19:47

Instrument :
BNA_F
ClientSampleId :
PS-4

Tgt Ion:276 Resp: 289801

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.4	27.6
138	22.0	17.0	25.6