Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073119\
Data File : BF115889.D
Acq On : 1 Aug 2019 1:38
Operator : HP/JU
Sample : K3622-13 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-072919-A

Quant Time: Aug 01 05:01:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	135247	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	500949	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	234958	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	388770	20.00	ng		0.00
76) Chrysene-d12	14.03	240	331448	20.00	ng		0.00
87) Perylene-d12	15.50	264	266824	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	338839	41.94	ng		0.00
7) Phenol-d6	6.48	99	446934	43.85	ng		0.00
23) Nitrobenzene-d5	7.41	82	246864	28.45	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	94201	41.35	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	491409	39.17	ng		0.00
79) Terphenyl-d14	12.96	244	515405	32.77	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	32378	5.126	ng	#	77
25) Isophorone	7.41	82	246861	14.876	ng	#	66
50) Dimethylphthalate	9.60	163	105253	6.579	ng		99
56) 4-Nitrophenol	10.10	139	9121	3.314	ng	#	13
57) 2,4-Dinitrotoluene	9.89	165	31260	6.753	ng	#	25
58) Fluorene	10.44	166	35277	2.552	ng		98
71) Phenanthrene	11.40	178	206240	10.377	ng		99
72) Anthracene	11.46	178	55333	2.751	ng		98
75) Fluoranthene	12.60	202	253936	12.204	ng		98
78) Pyrene	12.83	202	269978	10.806	ng		99
81) Benzo(a)anthracene	14.02	228	102715	4.848	ng		92
83) Chrysene	14.05	228	110386	5.367	ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	35988	2.083	ng		97
88) Benzo(b)fluoranthene	15.07	252	124255	8.054	ng	#	87
89) Benzo(k)fluoranthene	15.07	252	124255	8.269	ng	#	91
90) Benzo(a)pyrene	15.43	252	66633	4.831	ng	#	89
92) Benzo(g,h,i)perylene	17.43	276	37942	3.236	ng	#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073119\
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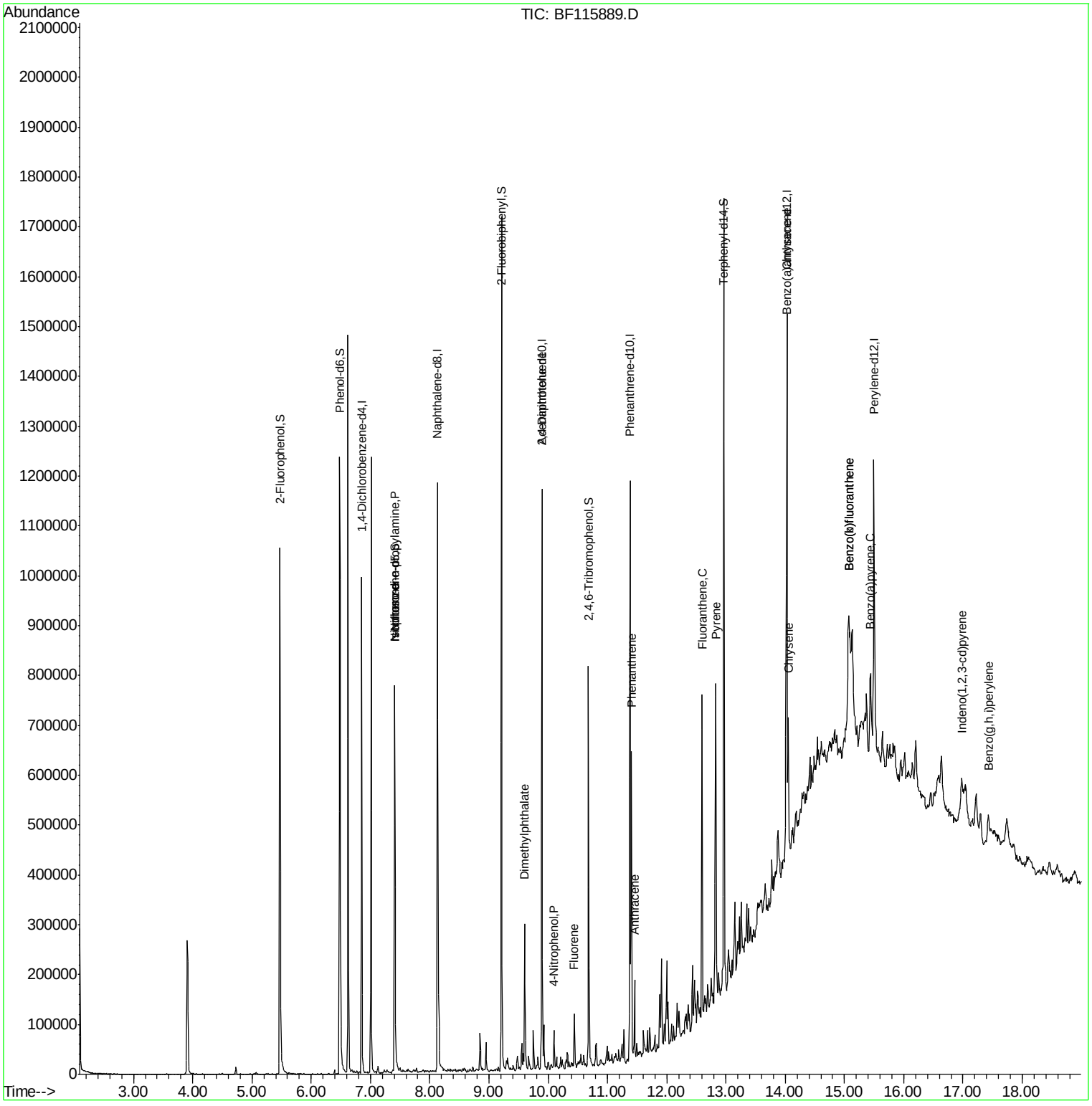
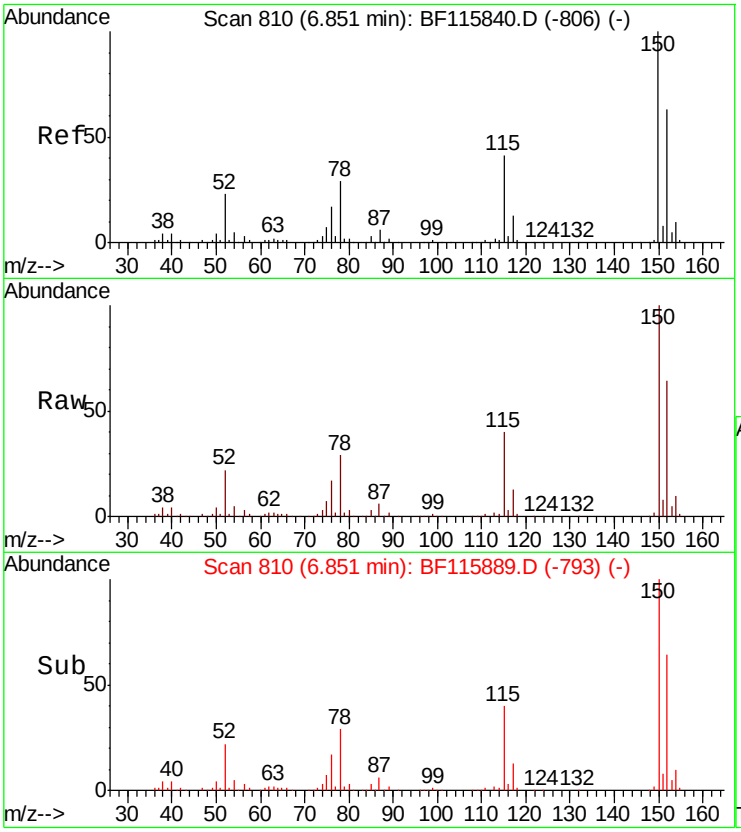


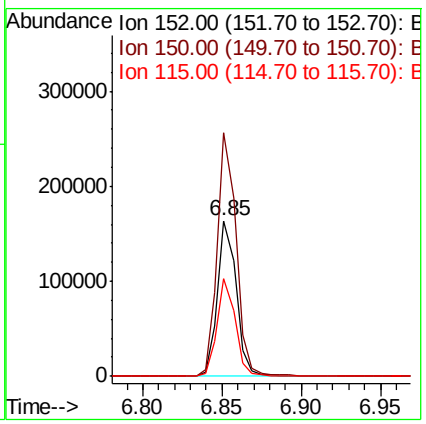


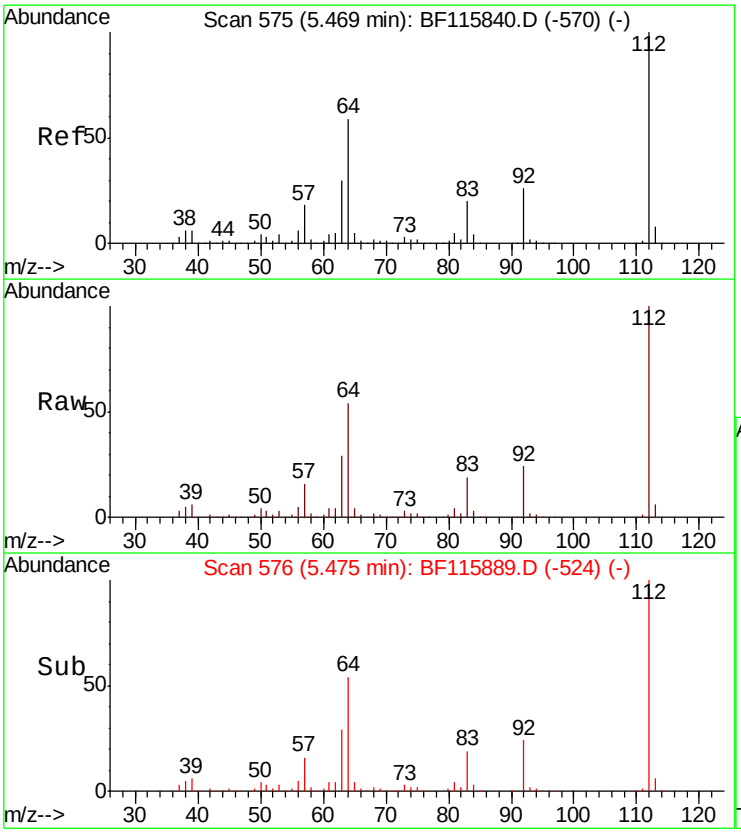
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Instrument :
BNA_F
ClientSampleId :
OR-03-072919-A

Tgt Ion:152 Resp: 135247

Ion	Ratio	Lower	Upper
152	100		
150	156.2	127.4	191.0
115	62.7	51.8	77.8

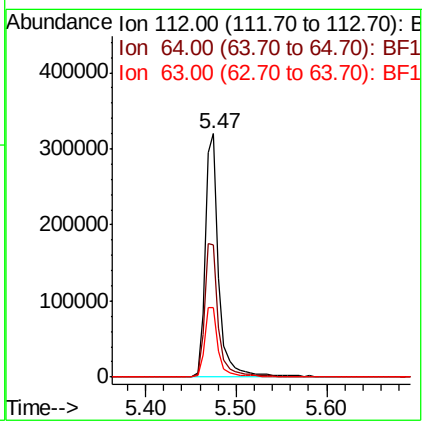


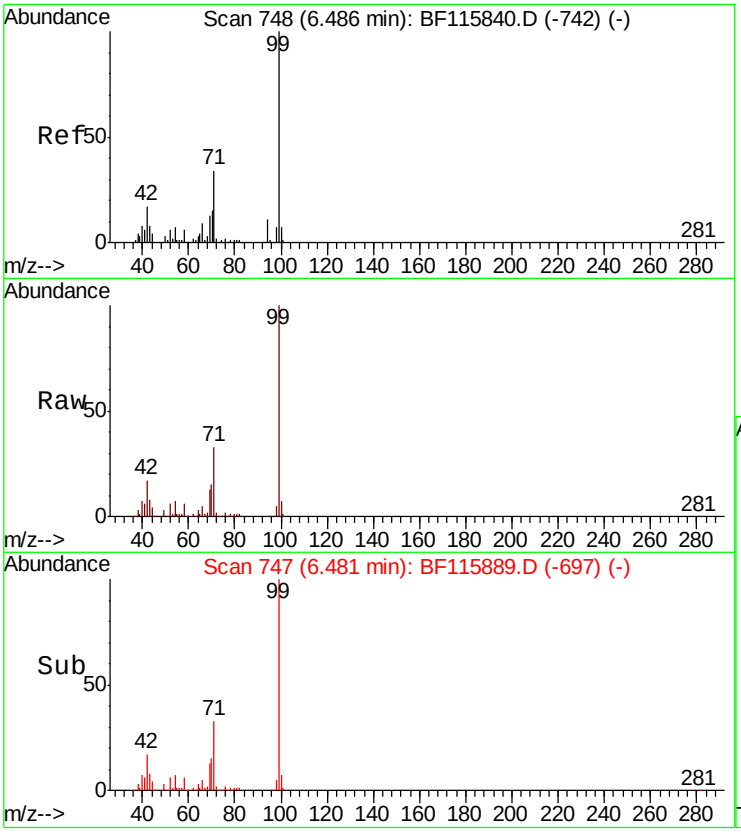


#5
2-Fluorophenol
Concen: 41.941 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Tgt Ion:112 Resp: 338839

Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.8	70.2
63	28.8	24.2	36.2



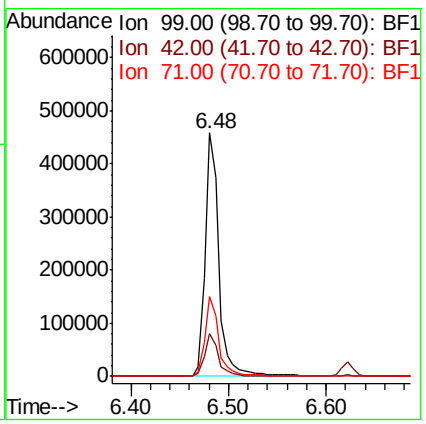


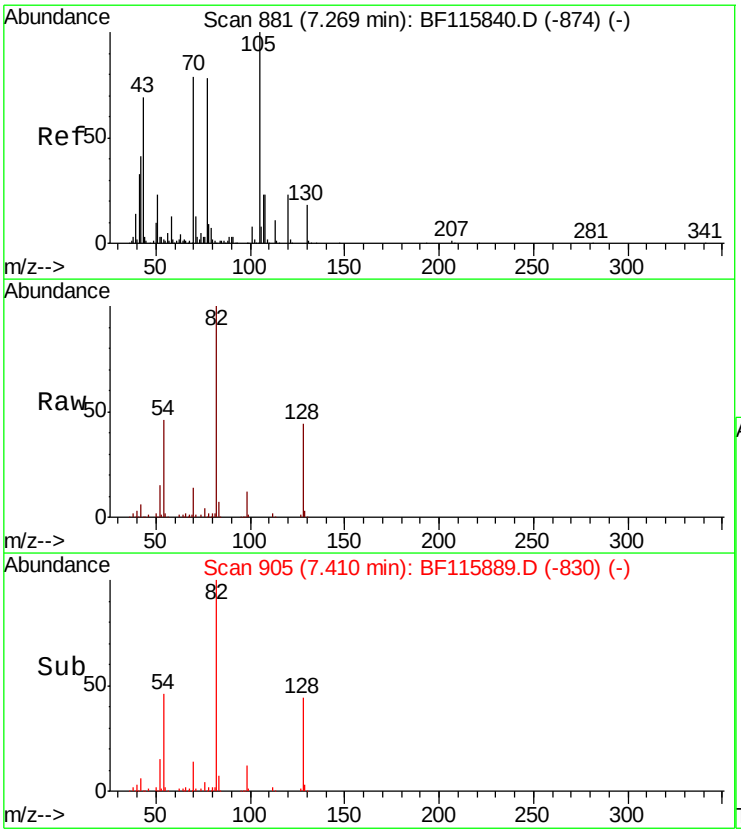
#7
Phenol-d6
Concen: 43.847 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Instrument :
BNA_F
ClientSampleId :
OR-03-072919-A

Tgt Ion: 99 Resp: 446934

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.8	20.6
71	33.0	27.1	40.7

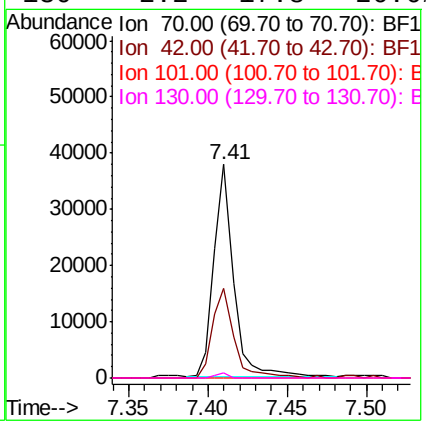


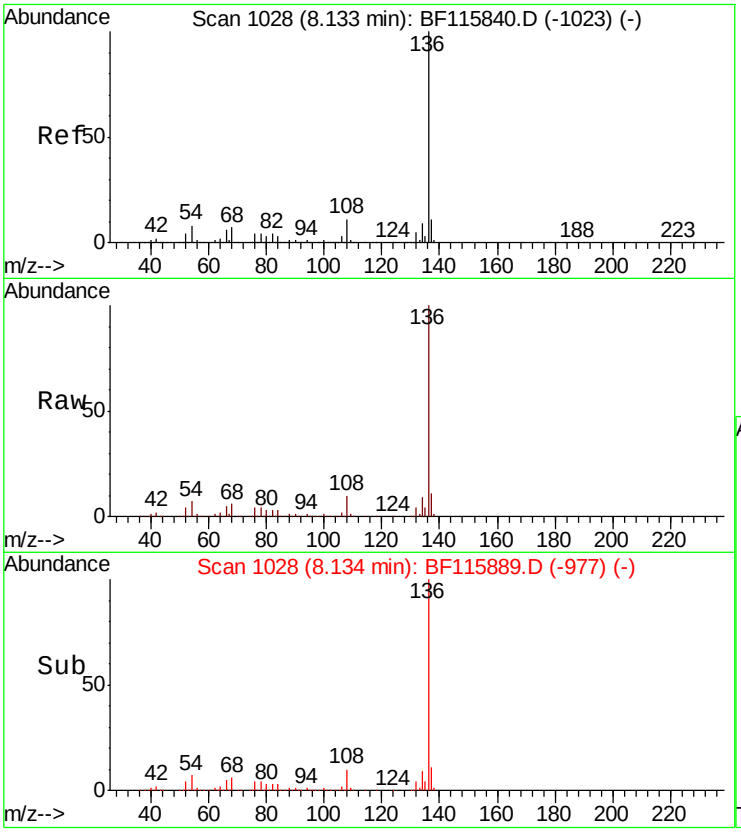


#19
n-Nitroso-di-n-propylamine
Concen: 5.126 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Tgt Ion: 70 Resp: 32378

Ion	Ratio	Lower	Upper
70	100		
42	41.7	41.8	62.8#
101	0.0	7.7	11.5#
130	2.2	17.8	26.6#



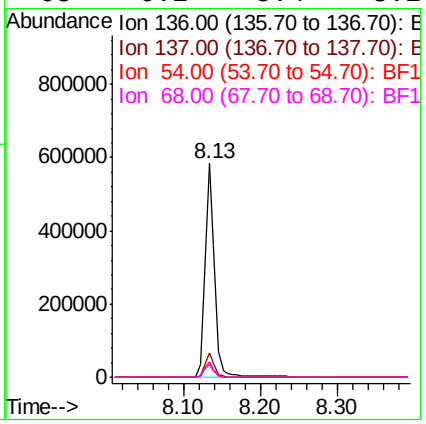


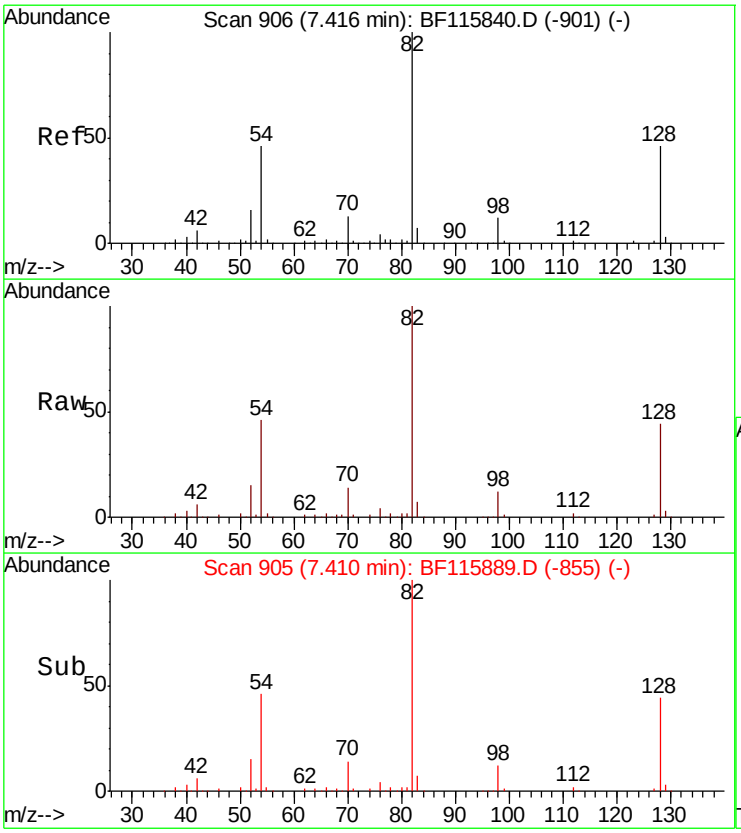
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Instrument :
BNA_F
ClientSampleId :
OR-03-072919-A

Tgt Ion:136 Resp: 500949

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.3	6.1	9.1
68	6.2	5.4	8.2

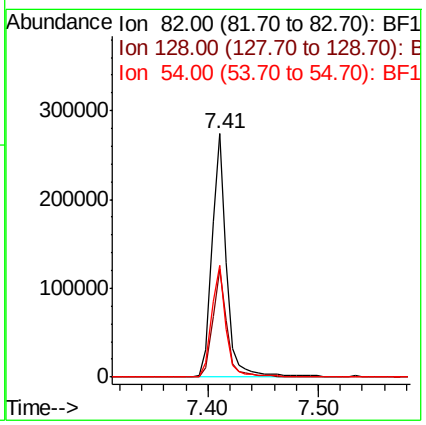


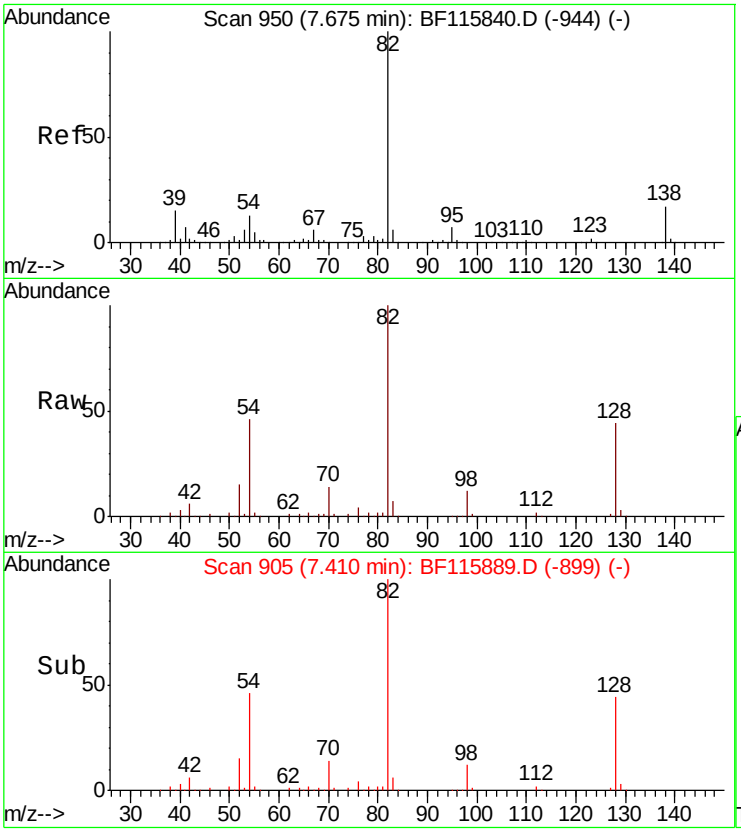


#23
Nitrobenzene-d5
Concen: 28.446 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Tgt Ion: 82 Resp: 246864

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.6	55.0
54	45.7	36.6	55.0



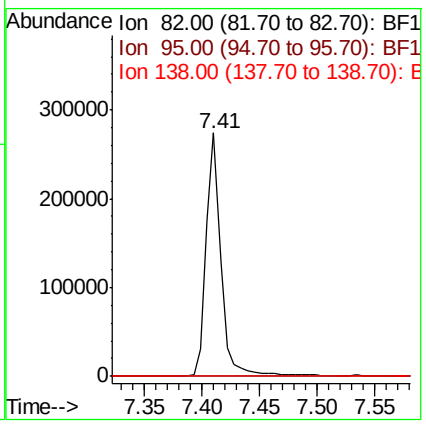


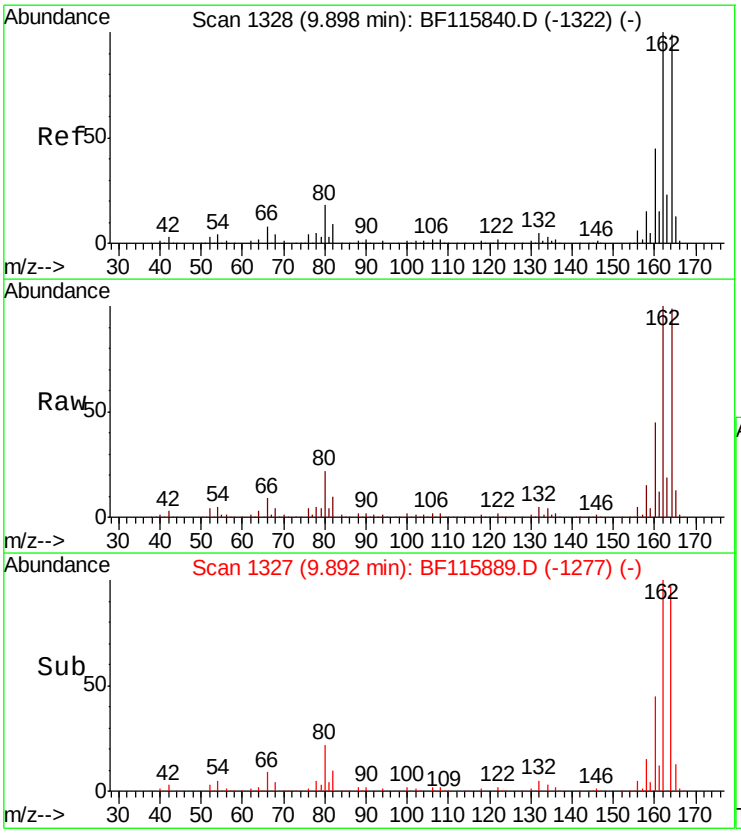
#25
Isophorone
Concen: 14.876 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Instrument :
BNA_F
ClientSampleId :
OR-03-072919-A

Tgt Ion: 82 Resp: 246861

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.5	8.3#
138	0.0	13.9	20.9#

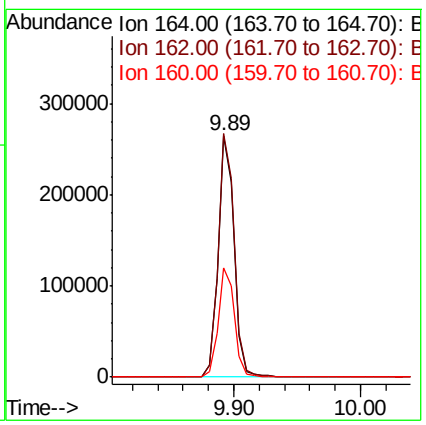


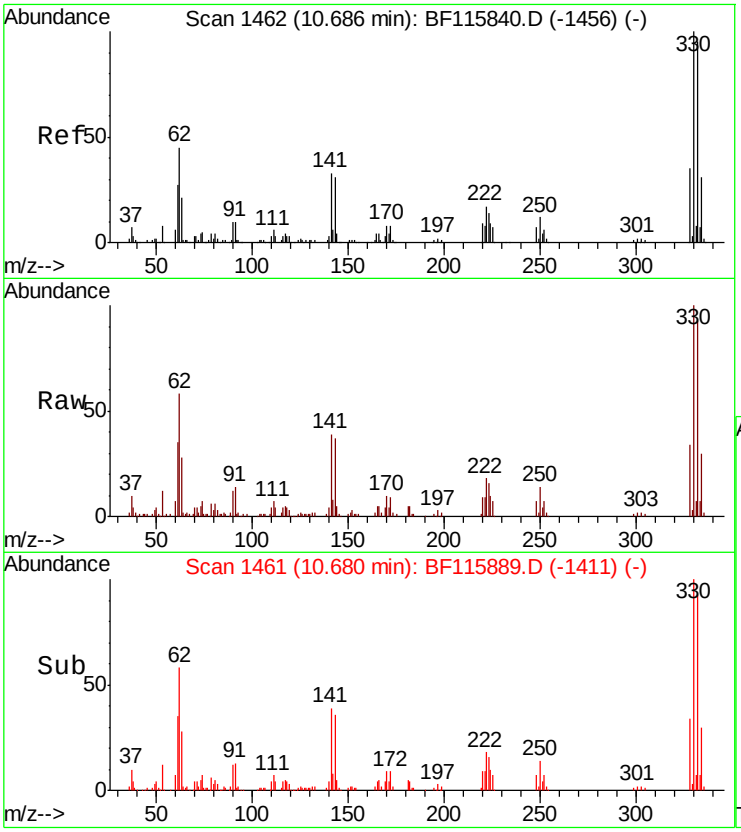


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Tgt Ion:164 Resp: 234958

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.8	121.2
160	45.5	36.2	54.4



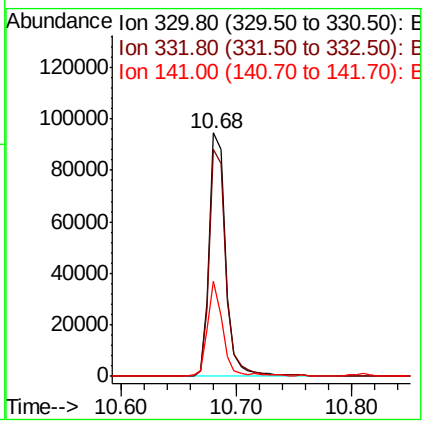


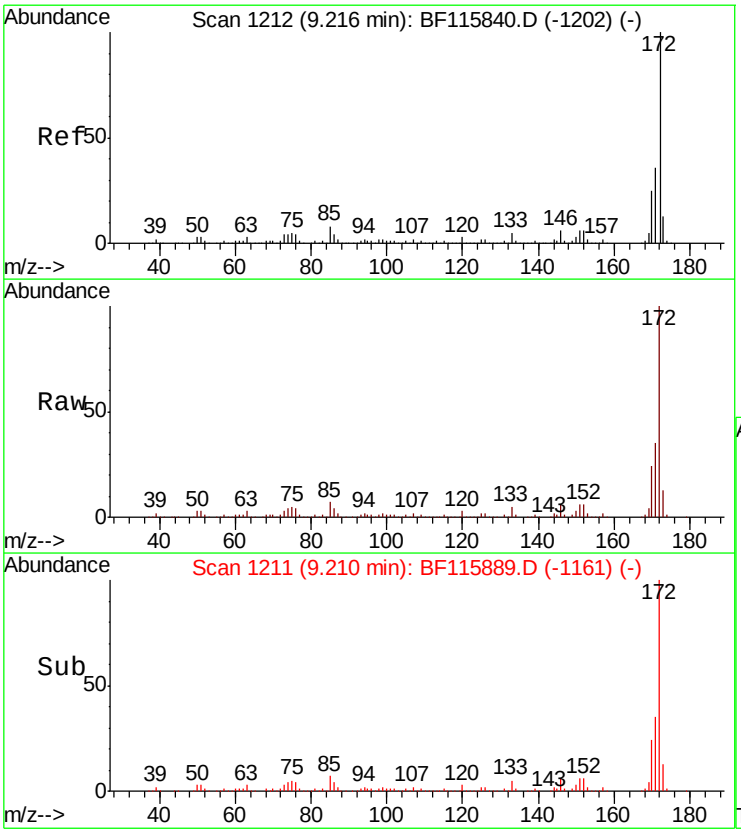
#42
2,4,6-Tribromophenol
Concen: 41.353 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Instrument :
BNA_F
ClientSampleId :
OR-03-072919-A

Tgt Ion:330 Resp: 94201

Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.7	116.5
141	36.4	28.1	42.1

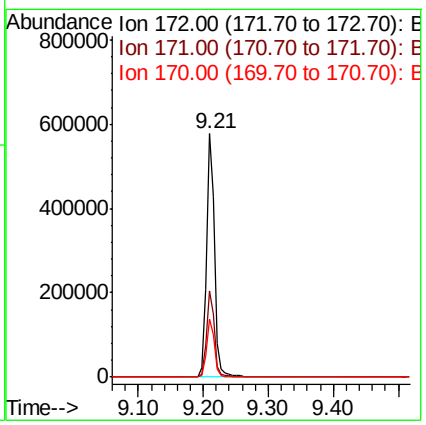


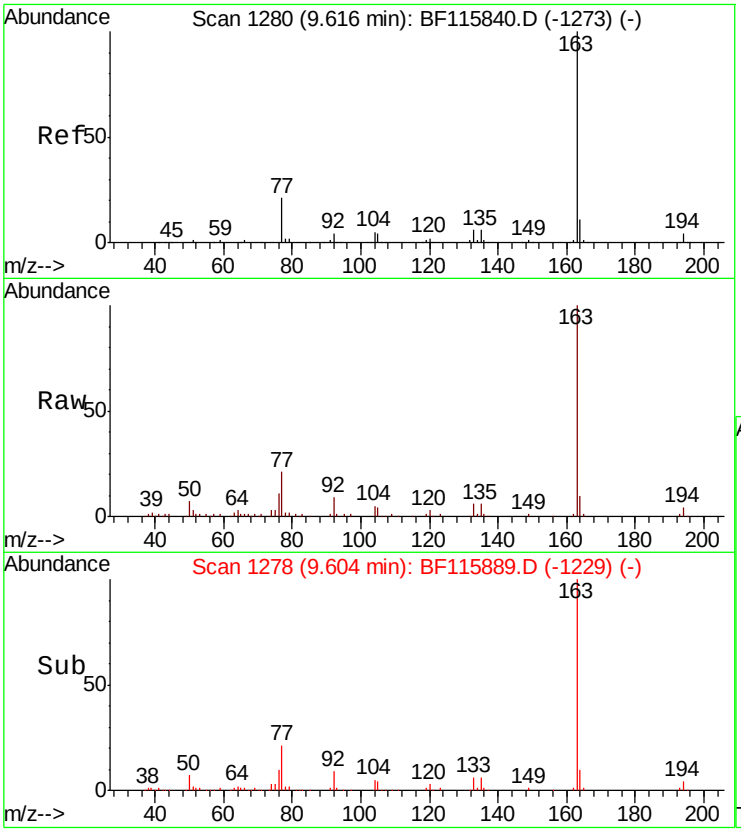


#45
2-Fluorobiphenyl
Concen: 39.175 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Tgt Ion:172 Resp: 491409

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.1	43.7
170	23.8	20.1	30.1



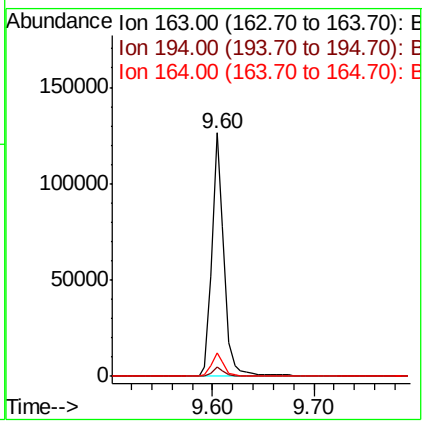


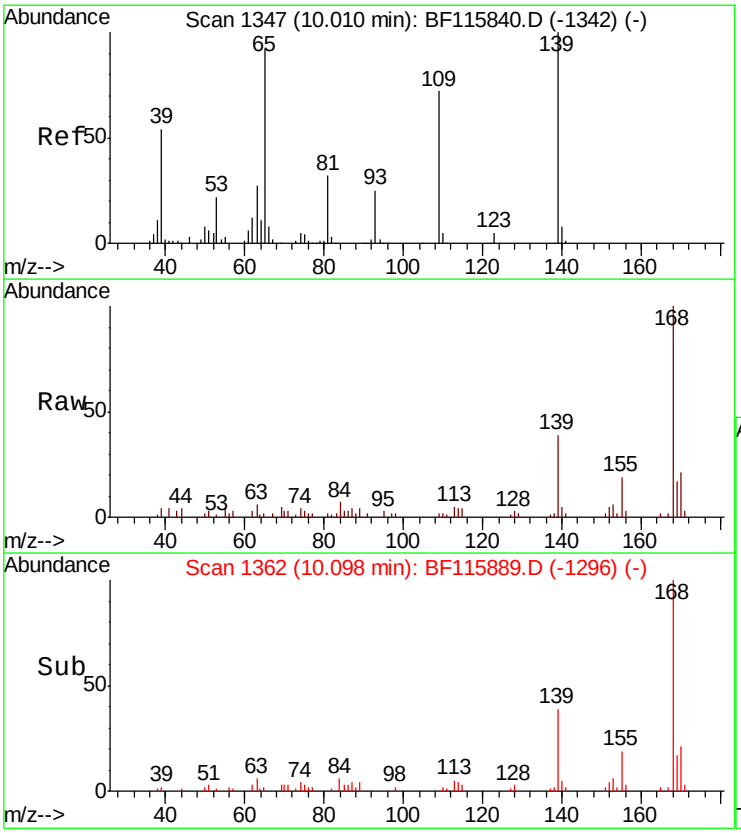
#50
Dimethylphthalate
Concen: 6.579 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Instrument :
BNA_F
ClientSampleId :
OR-03-072919-A

Tgt Ion:163 Resp: 105253

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	9.9	8.4	12.6

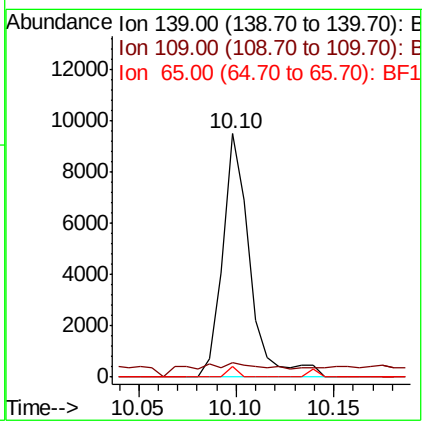


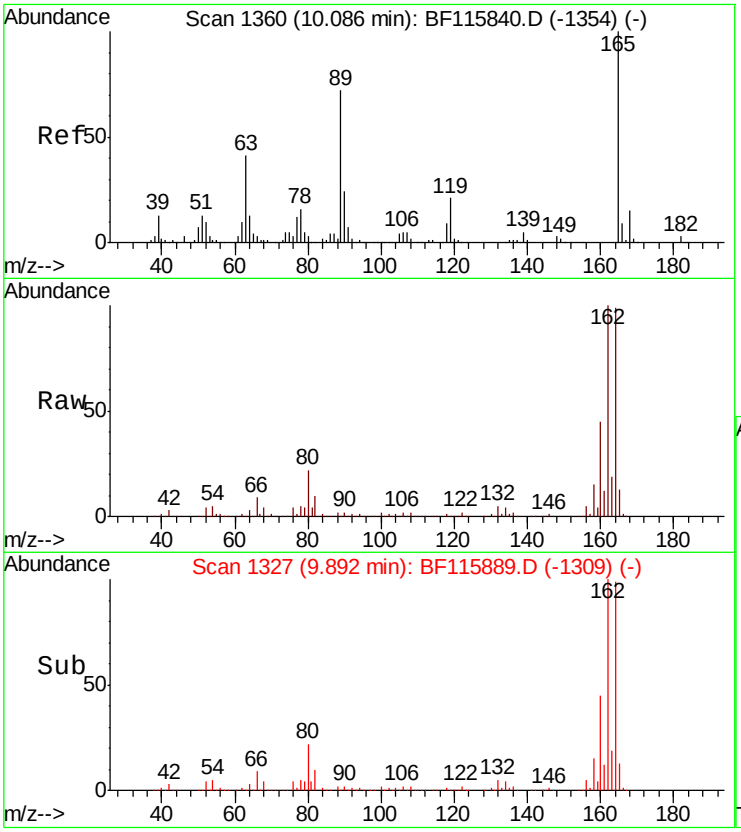


#56
4-Nitrophenol
Concen: 3.314 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.09 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Tgt Ion:139 Resp: 9121

Ion	Ratio	Lower	Upper
139	100		
109	5.8	52.0	92.0#
65	4.5	72.6	112.6#



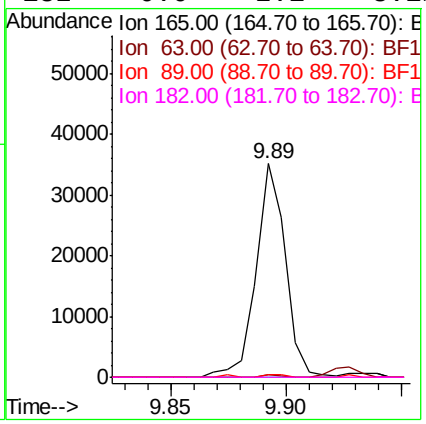


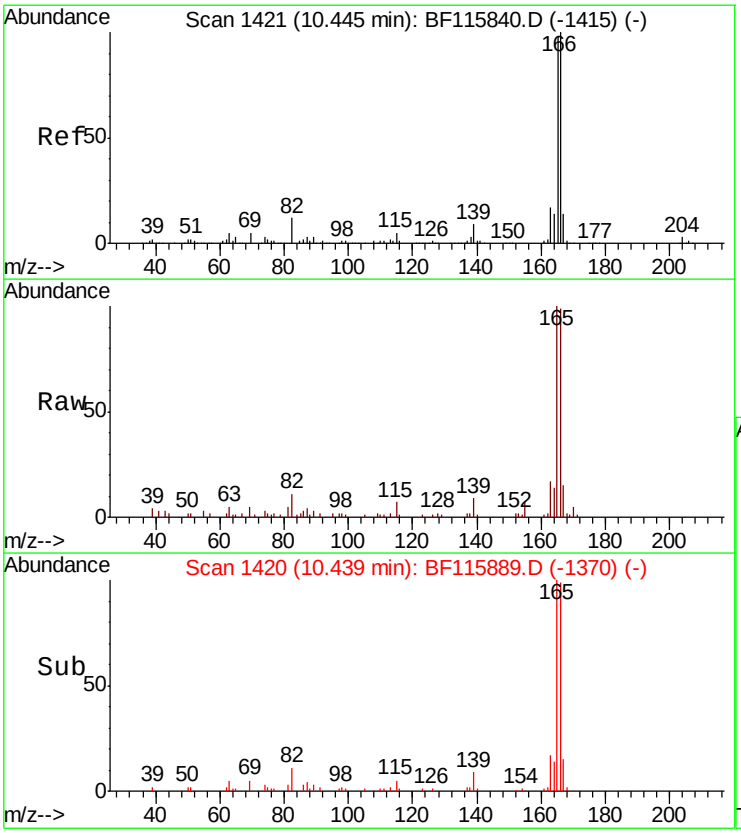
#57
2,4-Dinitrotoluene
Concen: 6.753 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Instrument :
BNA_F
ClientSampleId :
OR-03-072919-A

Tgt Ion:165 Resp: 31260

Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.2	49.8#
89	1.5	57.3	85.9#
182	0.0	2.1	3.1#

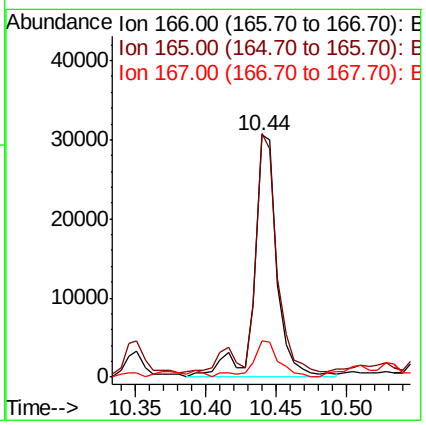


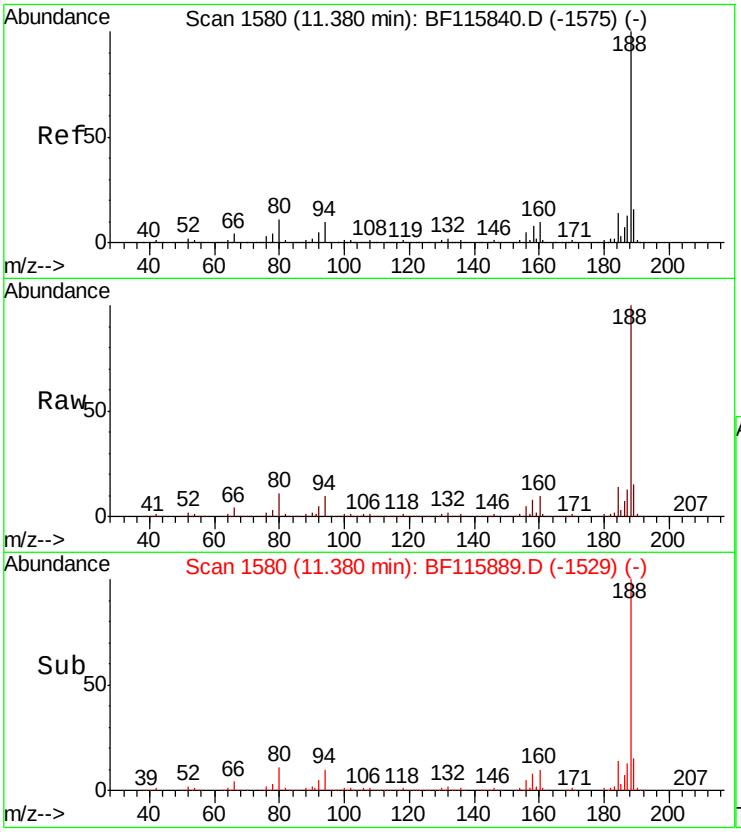


#58
Fluorene
Concen: 2.552 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Tgt Ion:166 Resp: 35277

Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.6	118.0
167	15.0	10.9	16.3



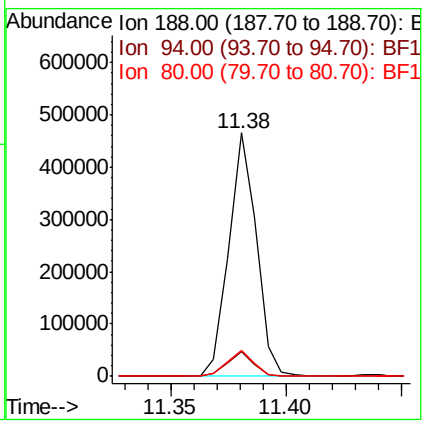


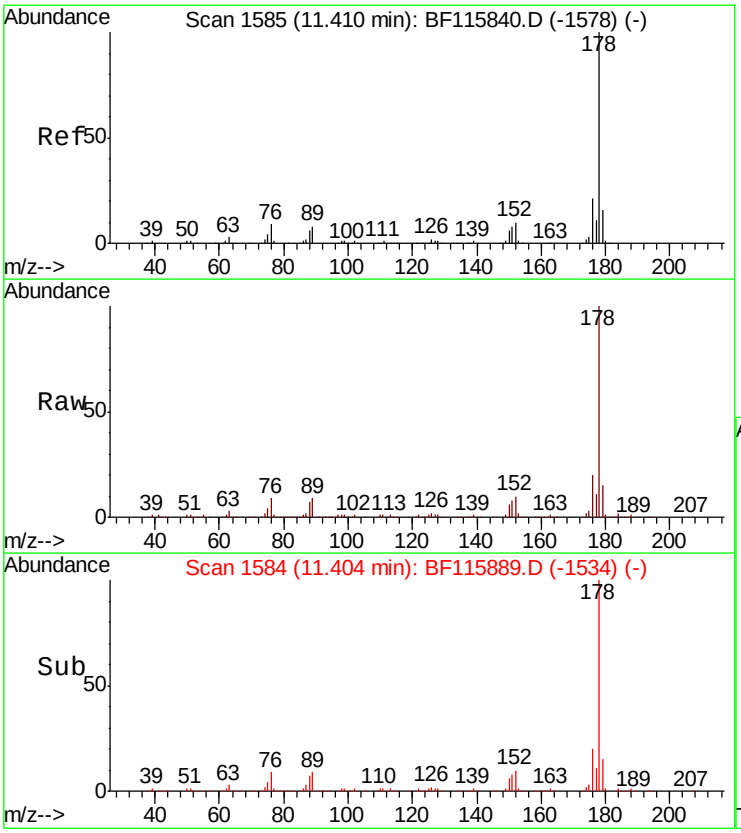
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Instrument :
BNA_F
ClientSampleId :
OR-03-072919-A

Tgt Ion:188 Resp: 388770

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.0	12.0
80	10.7	8.6	12.8

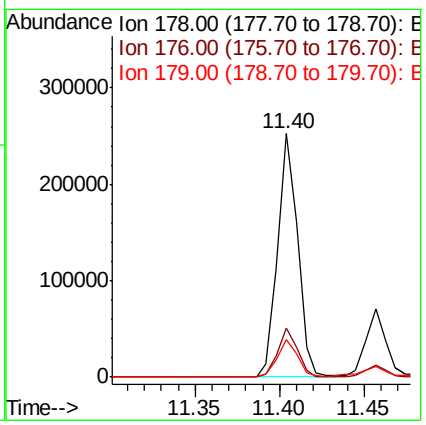


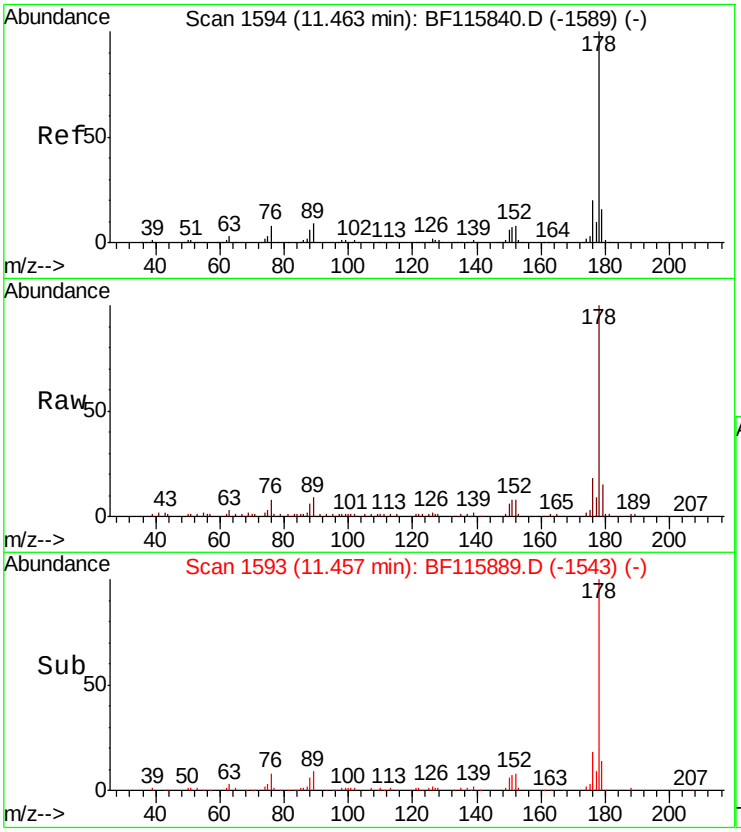


#71
Phenanthrene
Concen: 10.377 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Tgt Ion:178 Resp: 206240

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.5	24.7
179	15.4	12.6	18.8



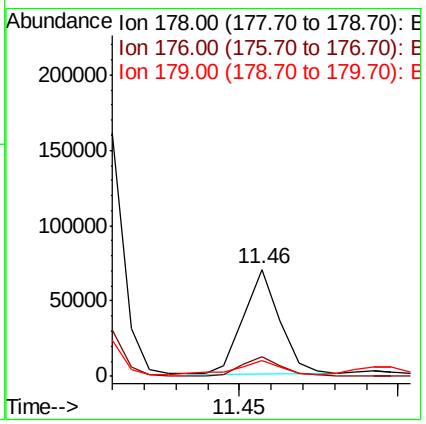


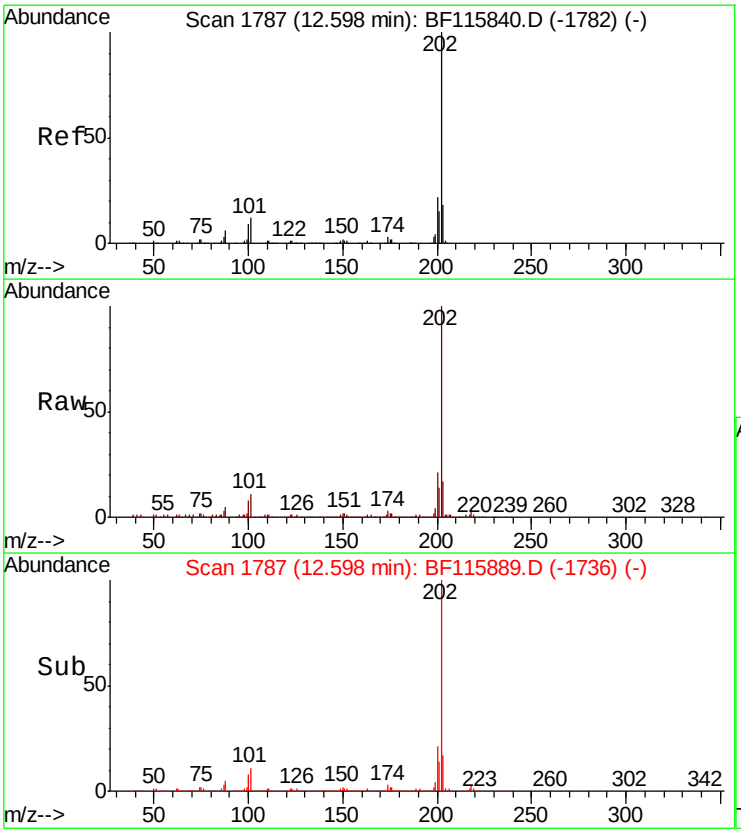
#72
Anthracene
Concen: 2.751 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Instrument :
BNA_F
ClientSampleId :
OR-03-072919-A

Tgt Ion:178 Resp: 55333

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.7	23.5
179	15.1	12.4	18.6

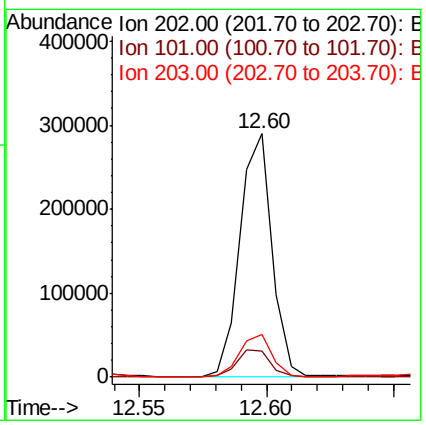


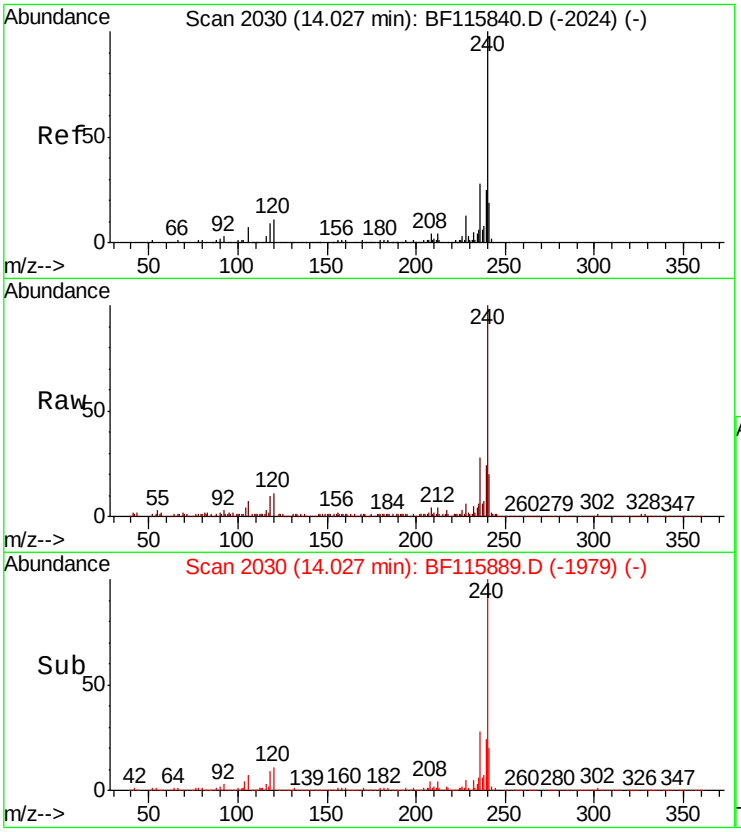


#75
Fluoranthene
Concen: 12.204 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Tgt Ion:202 Resp: 253936

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.5
203	17.3	0.0	37.9



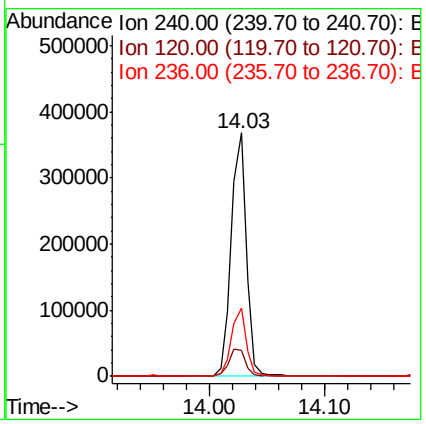


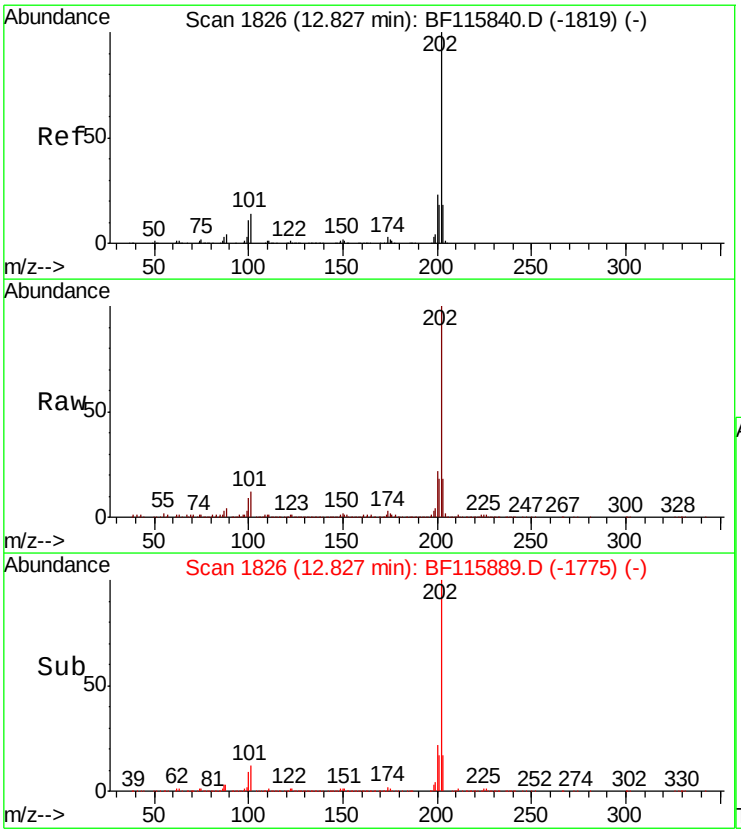
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Instrument :
BNA_F
ClientSampleId :
OR-03-072919-A

Tgt Ion:240 Resp: 331448

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.5	12.7
236	27.9	22.2	33.2

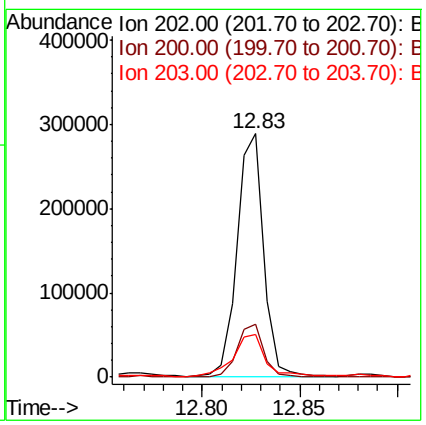


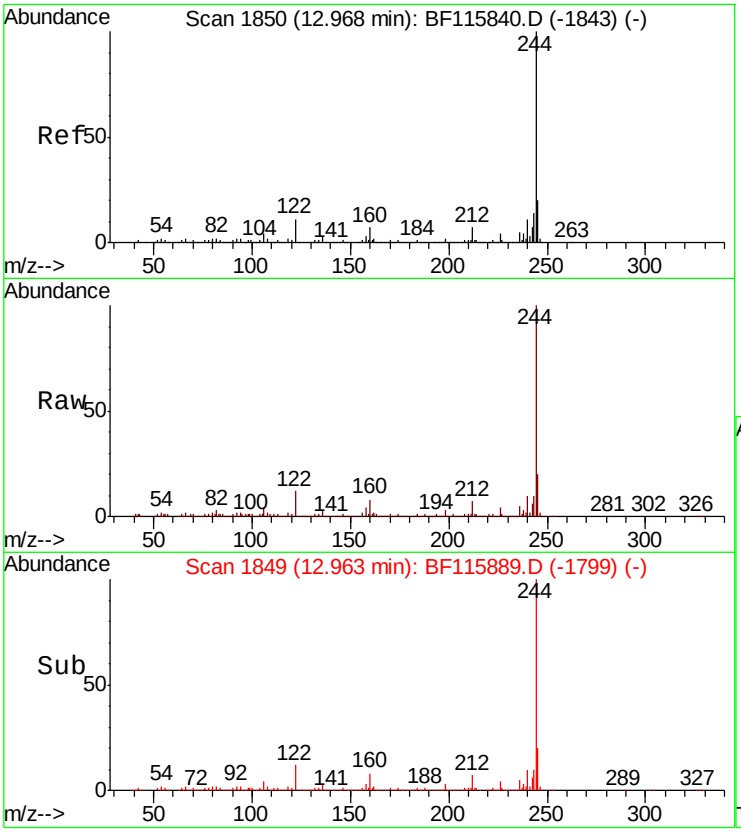


#78
Pyrene
Concen: 10.806 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Tgt Ion:202 Resp: 269978

Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.2	27.2
203	17.7	14.3	21.5



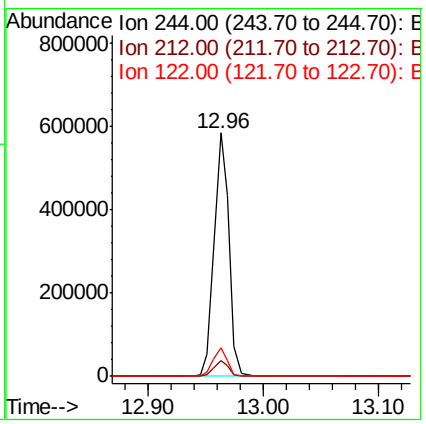


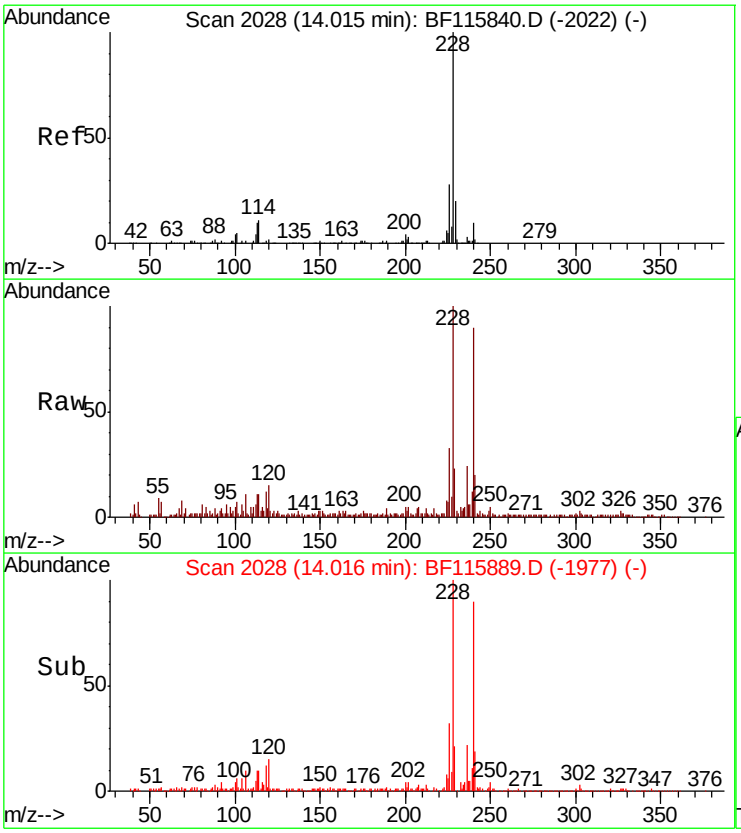
#79
Terphenyl-d14
Concen: 32.767 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Instrument :
BNA_F
ClientSampleId :
OR-03-072919-A

Tgt Ion:244 Resp: 515405

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	11.9	8.6	13.0

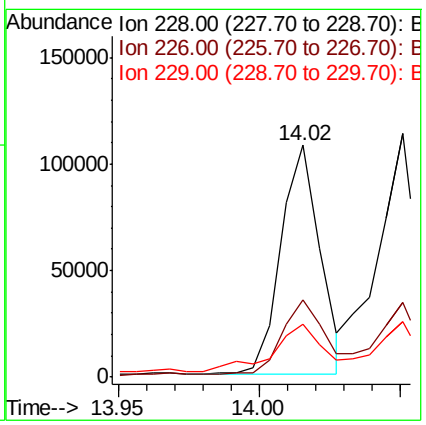


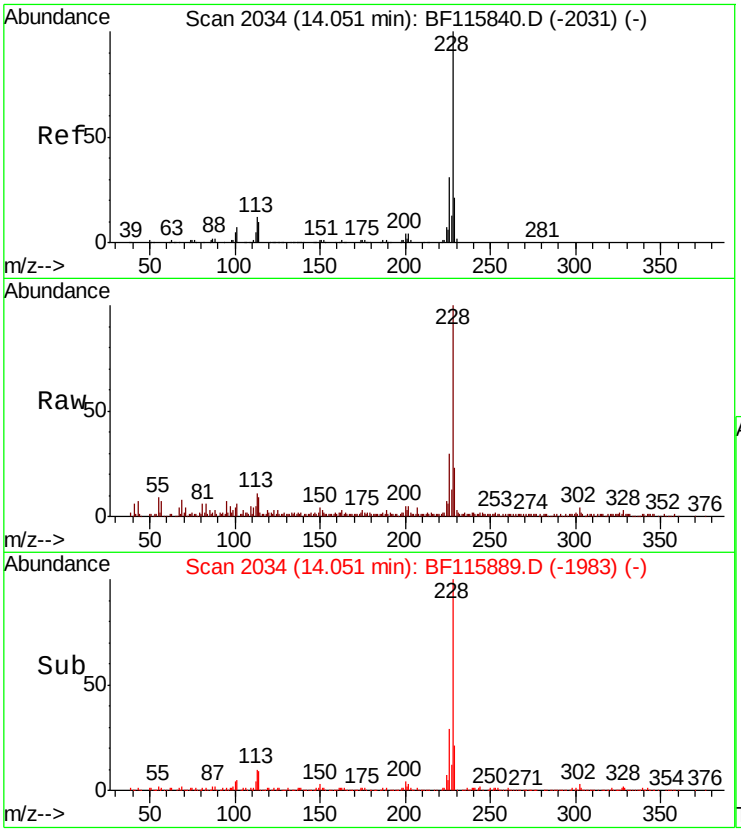


#81
Benzo(a)anthracene
Concen: 4.848 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Tgt Ion:228 Resp: 102715

Ion	Ratio	Lower	Upper
228	100		
226	33.4	22.5	33.7
229	22.8	16.1	24.1



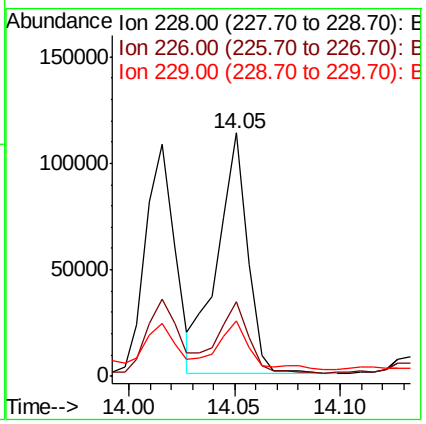


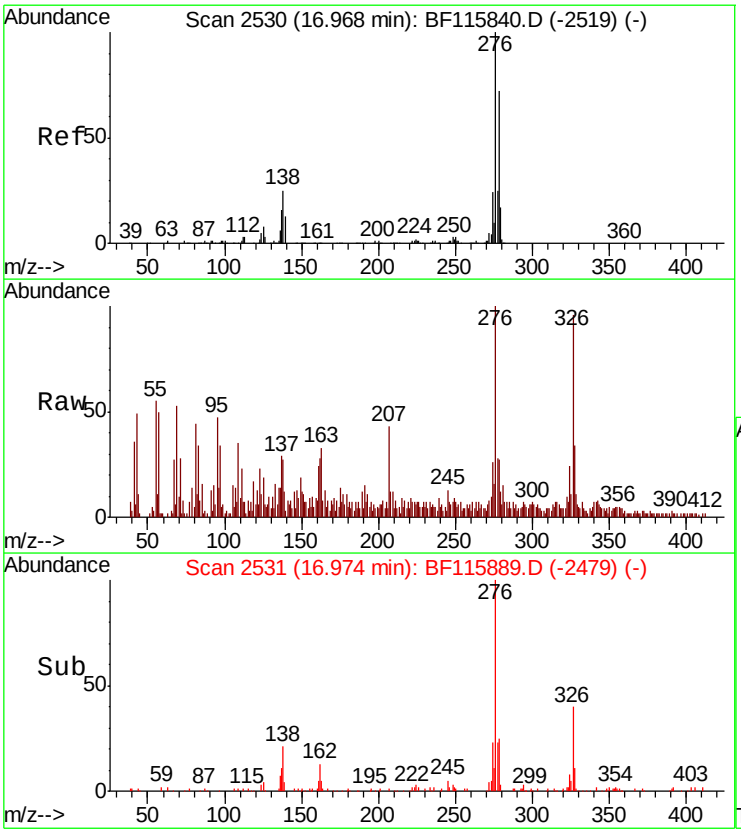
#83
Chrysene
Concen: 5.367 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Instrument :
BNA_F
ClientSampleId :
OR-03-072919-A

Tgt Ion:228 Resp: 110386

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.8	37.2
229	22.5	16.4	24.6

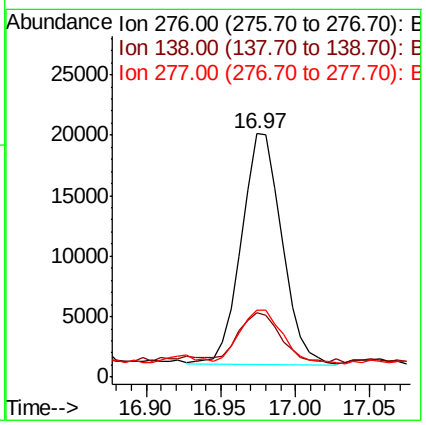


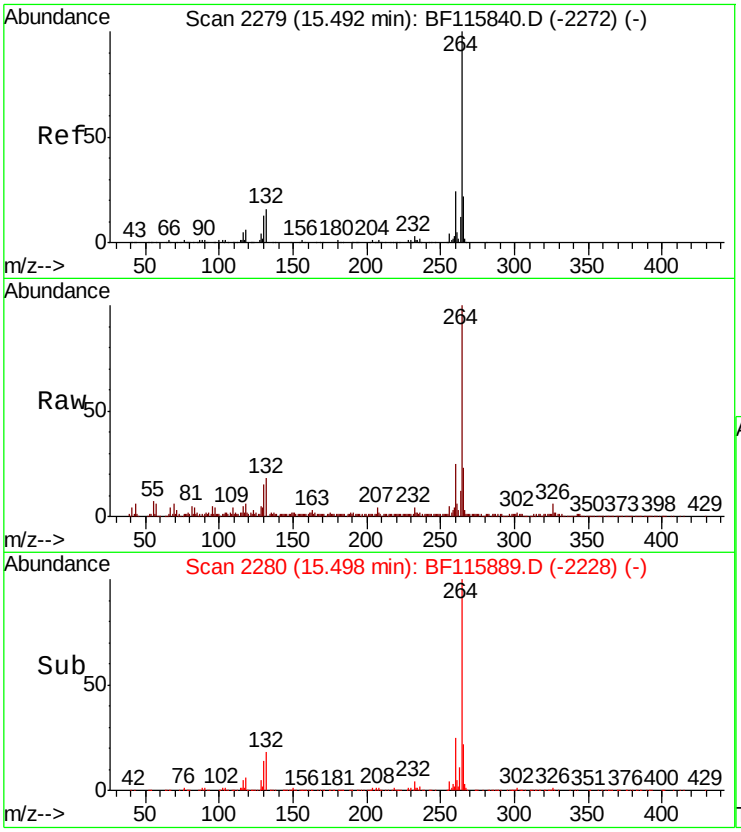


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.083 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Tgt Ion:276 Resp: 35988

Ion	Ratio	Lower	Upper
276	100		
138	21.8	19.6	29.4
277	25.0	20.1	30.1



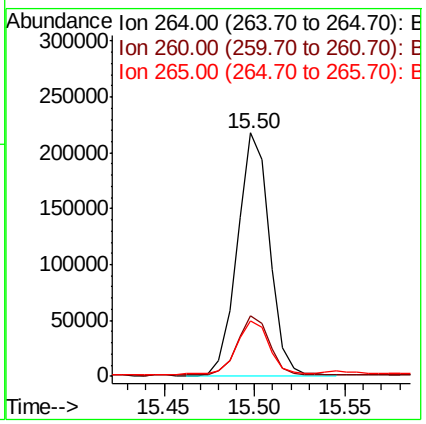


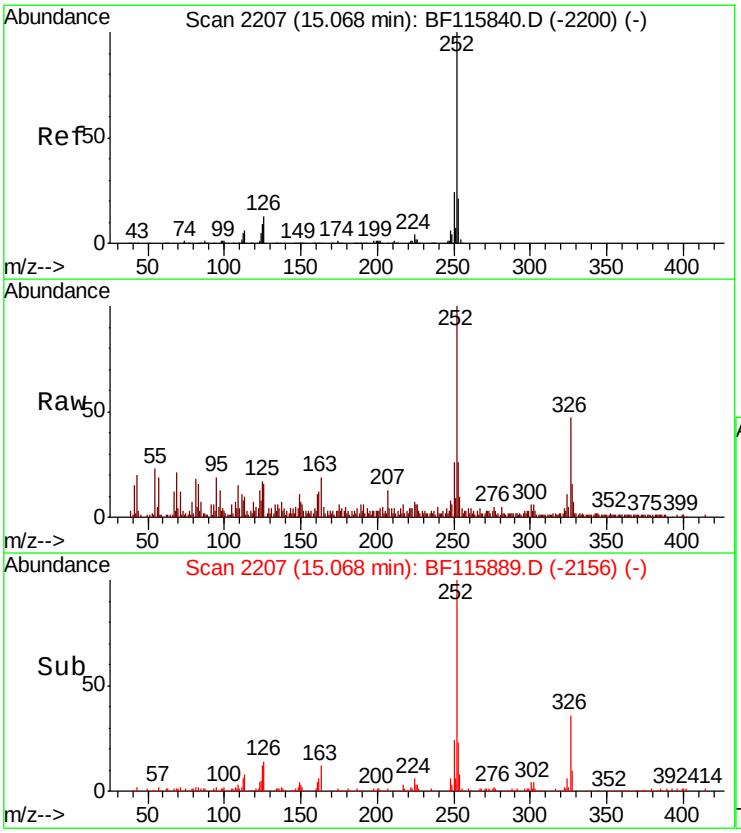
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Instrument :
BNA_F
ClientSampleId :
OR-03-072919-A

Tgt Ion:264 Resp: 266824

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	23.0	17.5	26.3

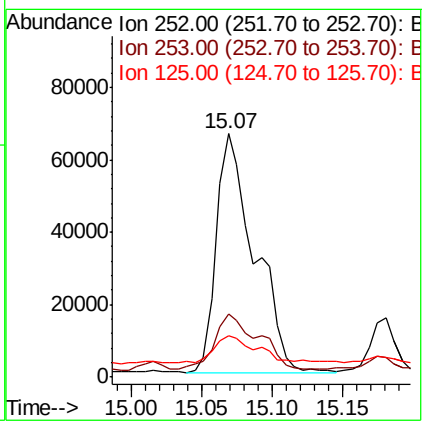


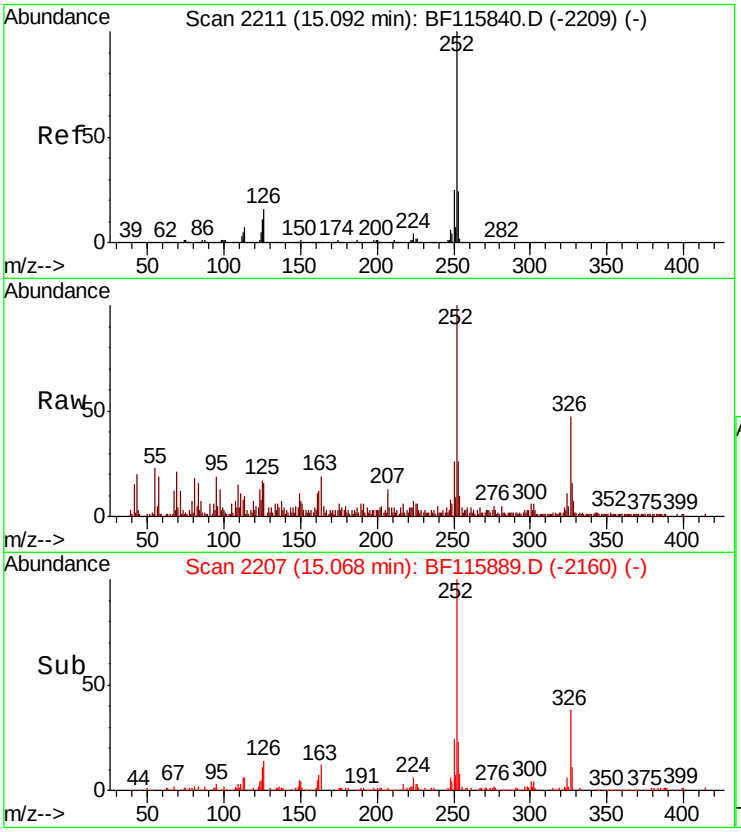


#88
Benzo(b)fluoranthene
Concen: 8.054 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Tgt Ion:252 Resp: 124255

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.2	25.8
125	17.0	7.4	11.0#



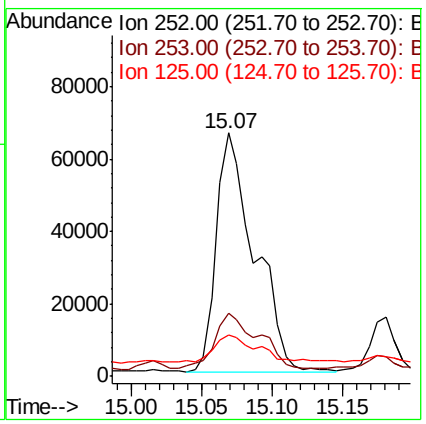


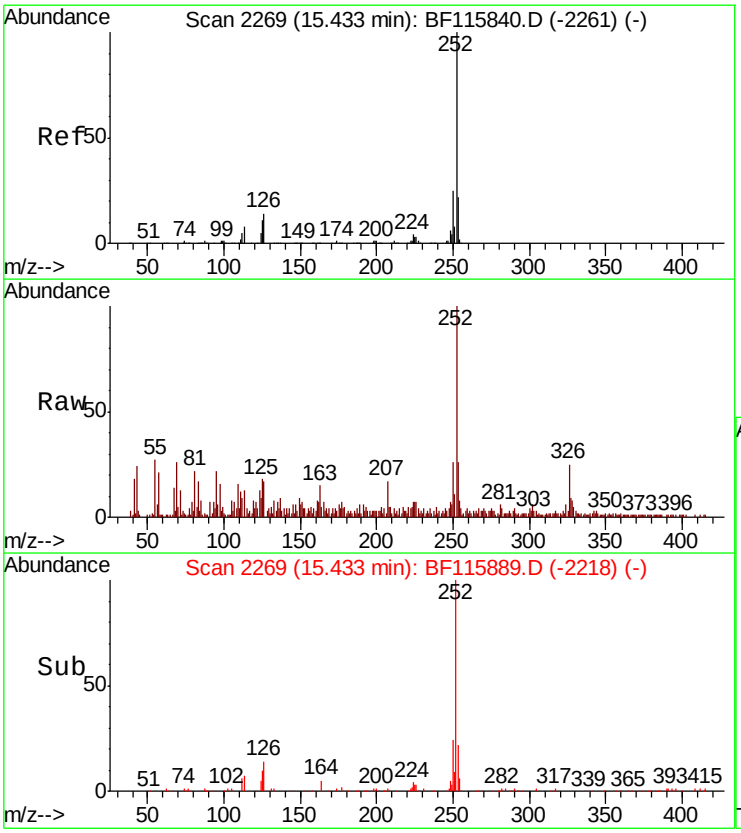
#89
Benzo(k)fluoranthene
Concen: 8.269 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Instrument :
BNA_F
ClientSampleId :
OR-03-072919-A

Tgt Ion:252 Resp: 124255

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.2	27.4
125	17.0	8.9	13.3#

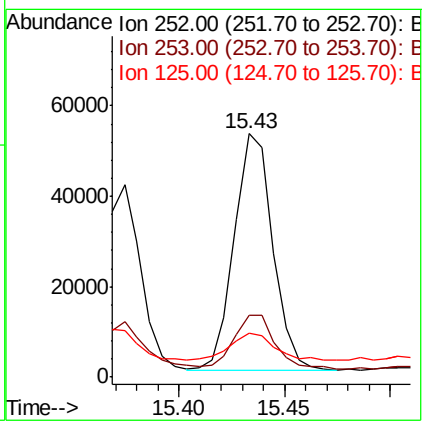


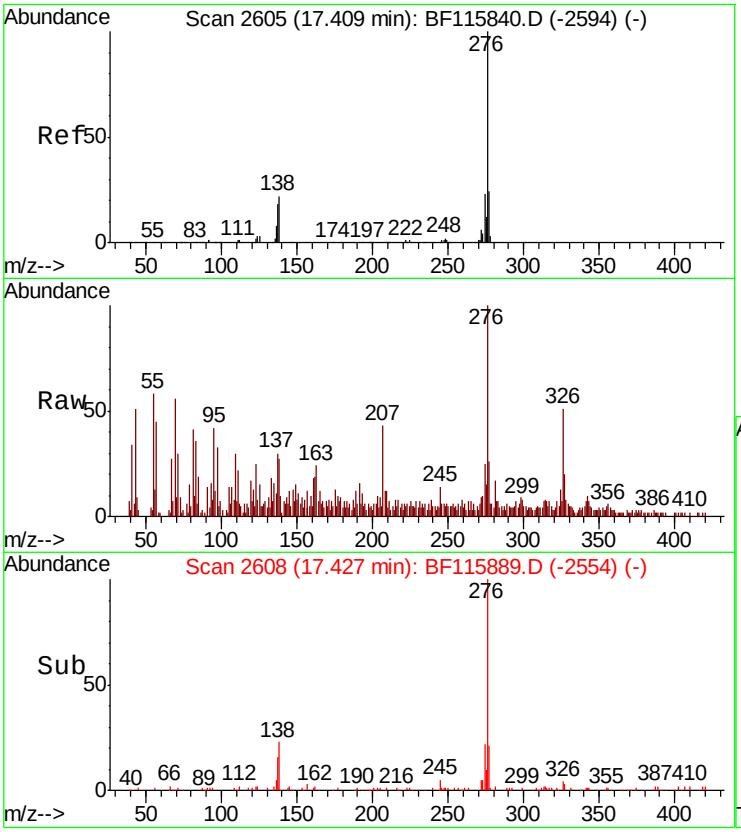


#90
Benzo(a)pyrene
Concen: 4.831 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Tgt Ion:252 Resp: 66633

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.8	26.6
125	18.0	8.8	13.2#





#92
Benzo(g,h,i)perylene
Concen: 3.236 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.02 min
Lab File: BF115889.D
Acq: 1 Aug 2019 1:38

Instrument :
BNA_F
ClientSampleId :
OR-03-072919-A

Tgt Ion:276 Resp: 37942

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.5	29.3
138	27.1	17.8	26.8#