Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116697.D
Acq On : 31 Aug 2019 14:17
Operator : HP/JU
Sample : K4645-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S700A1-N-0.0-0.5-083019

Quant Time: Aug 31 16:04:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	108870	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	434439	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	223960	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	366919	20.00	ng		0.00
76) Chrysene-d12	13.99	240	229200	20.00	ng		0.00
87) Perylene-d12	15.44	264	262377	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	599795	89.25	ng		0.00
7) Phenol-d6	6.47	99	823694	93.34	ng		0.00
23) Nitrobenzene-d5	7.40	82	507172	66.64	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	151352	101.09	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	732245	55.15	ng		0.00
79) Terphenyl-d14	12.94	244	638026	51.50	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	68494	11.789	ng	#	72
25) Isophorone	7.40	82	507083	32.883	ng	#	66
50) Dimethylphthalate	9.59	163	203403	13.155	ng		99
52) Acenaphthene	9.91	154	25116	2.009	ng		98
56) 4-Nitrophenol	10.08	139	6757	2.666	ng	#	1
57) 2,4-Dinitrotoluene	9.88	165	28362	7.863	ng	#	21
65) 4,6-Dinitro-2-methylphenol	10.66	198	176	7.561	ng	#	1
67) 4-Bromophenyl-phenylether	10.66	248	9710	2.605	ng	#	1
71) Phenanthrene	11.39	178	366029	17.921	ng		99
72) Anthracene	11.43	178	72922	3.547	ng		97
73) Carbazole	11.59	167	61098	3.120	ng		97
75) Fluoranthene	12.57	202	521990	26.005	ng		97
78) Pyrene	12.80	202	430238	21.117	ng		99
81) Benzo(a)anthracene	13.98	228	162785	11.222	ng		99
83) Chrysene	14.02	228	171700	11.489	ng		98
86) Indeno(1,2,3-cd)pyrene	16.88	276	126558	10.543	ng		98
88) Benzo(b)fluoranthene	15.02	252	332798	20.980	ng	#	95
89) Benzo(k)fluoranthene	15.02	252	332798	23.010	ng	#	96
90) Benzo(a)pyrene	15.38	252	158495	11.484	ng		97
91) Dibenzo(a,h)anthracene	16.89	278	30332	2.511	ng	#	86
92) Benzo(g,h,i)perylene	17.32	276	115569	9.381	ng	#	95

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

Quantitation Report (Not Reviewed)

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Acq On : 31 Aug 2019 14:17
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Sample : K4645-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S700A1-N-0.0-0.5-083019

Quant Time: Aug 31 16:04:24 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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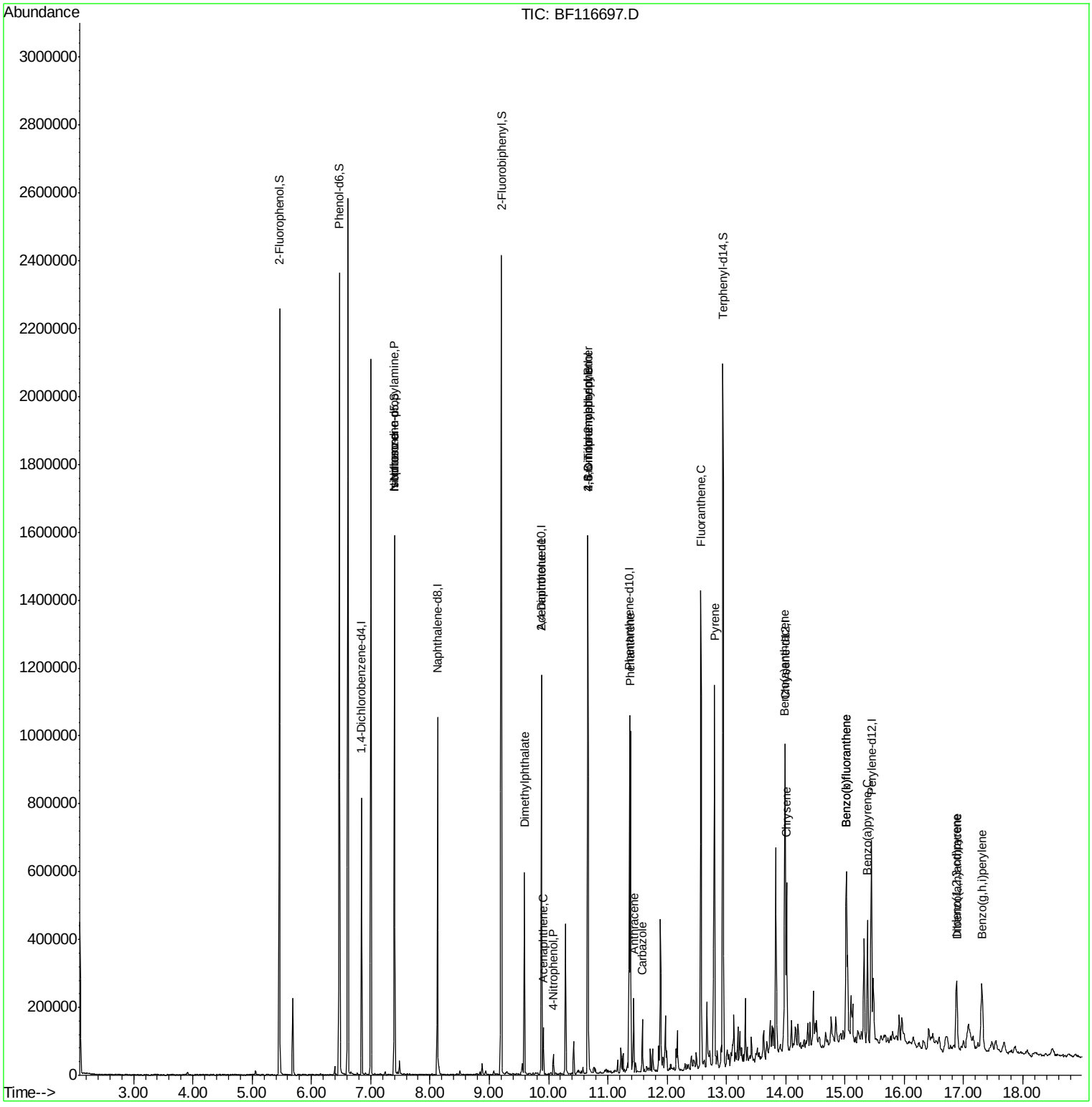
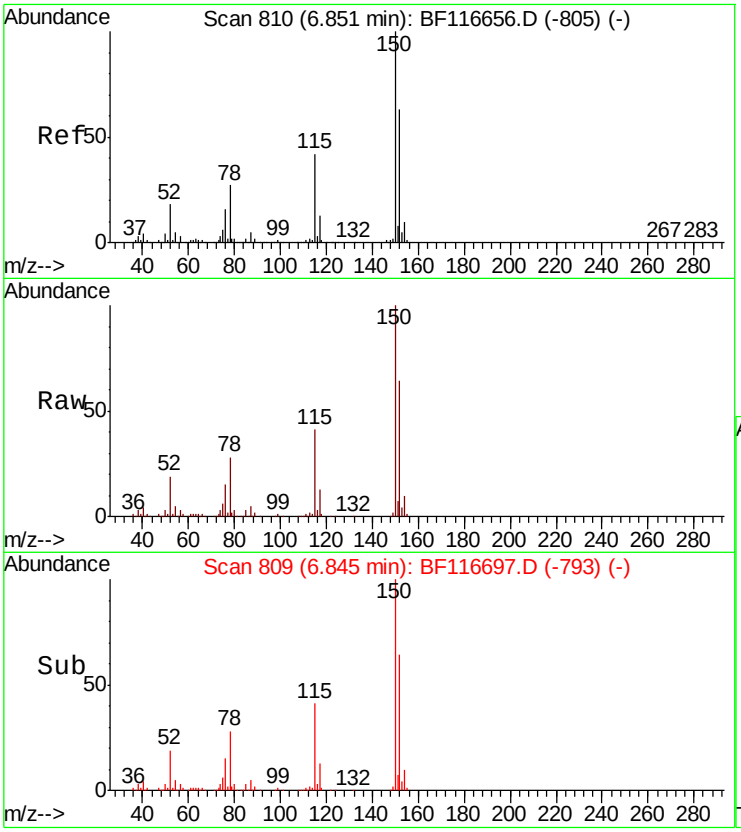


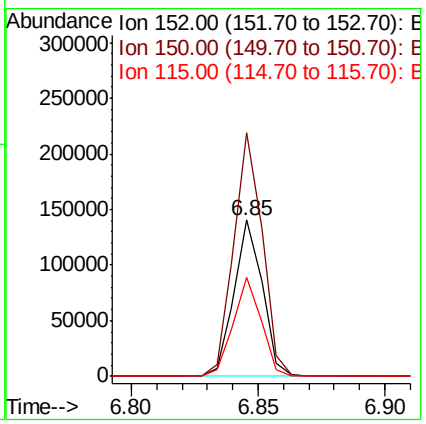


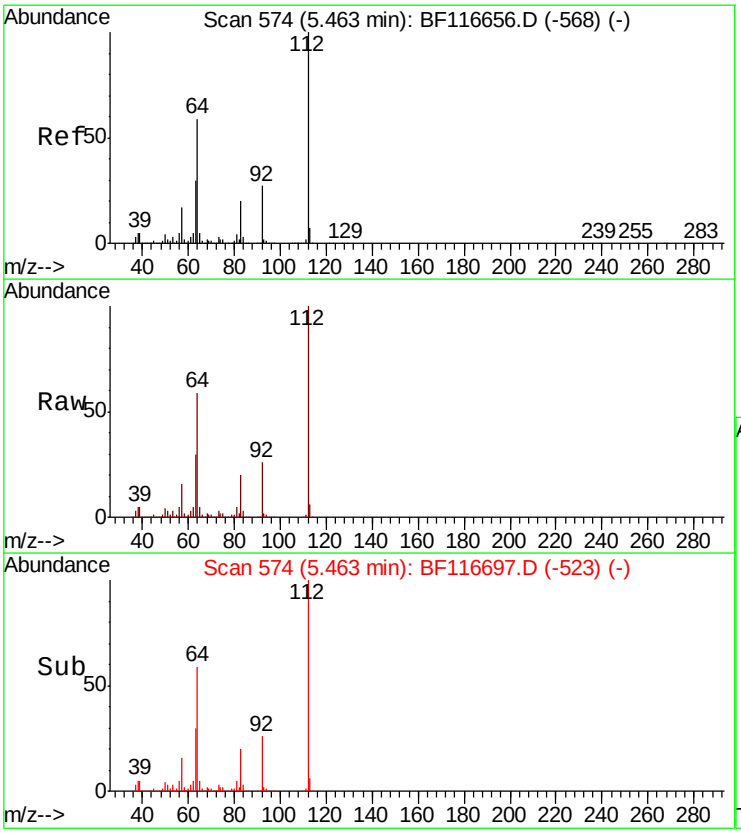
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Instrument :
BNA_F
ClientSampleId :
S700A1-N-0.0-0.5-083019

Tgt Ion:152 Resp: 108870

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.4	186.6
115	63.4	49.9	74.9

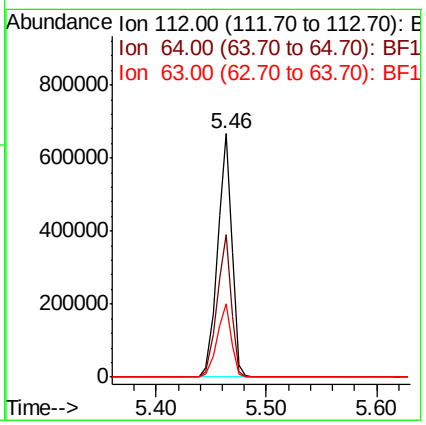


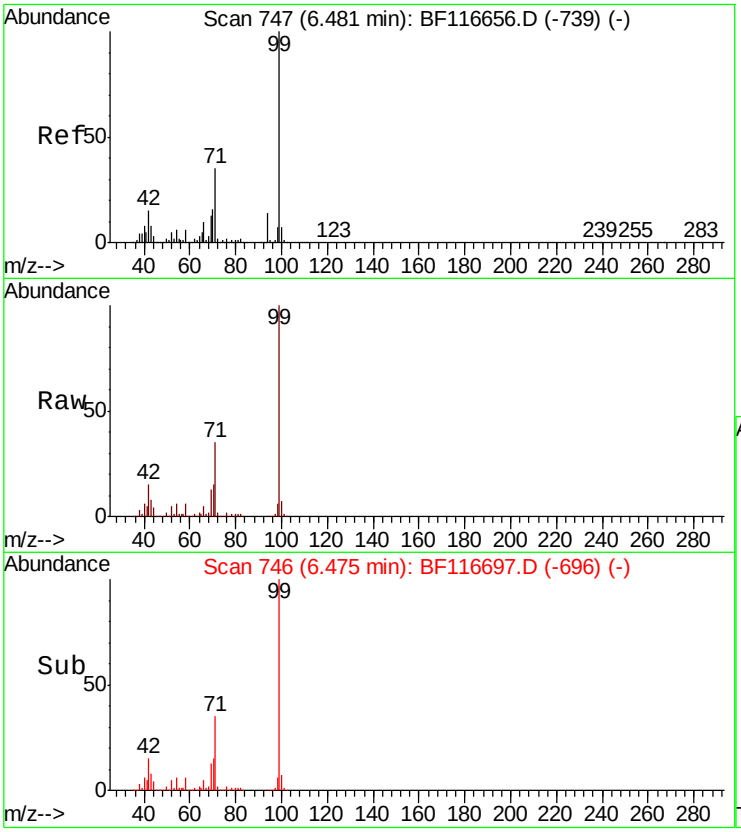


#5
2-Fluorophenol
Concen: 89.253 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Tgt Ion:112 Resp: 599795

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.1	70.7
63	30.3	24.9	37.3



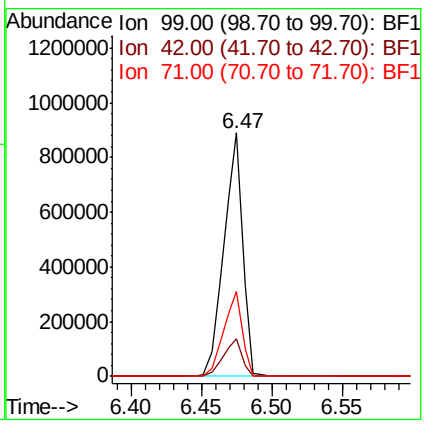


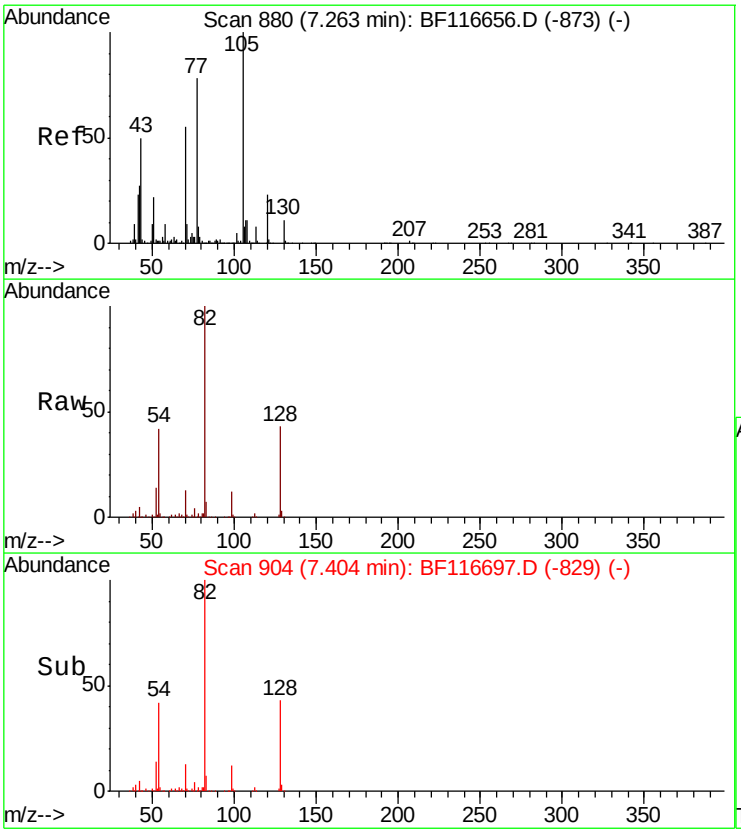
#7
Phenol-d6
Concen: 93.344 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Instrument :
BNA_F
ClientSampleId :
S700A1-N-0.0-0.5-083019

Tgt Ion: 99 Resp: 823694

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.7	20.5
71	35.0	30.8	46.2

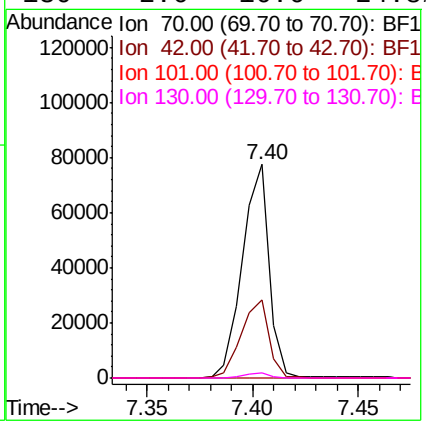


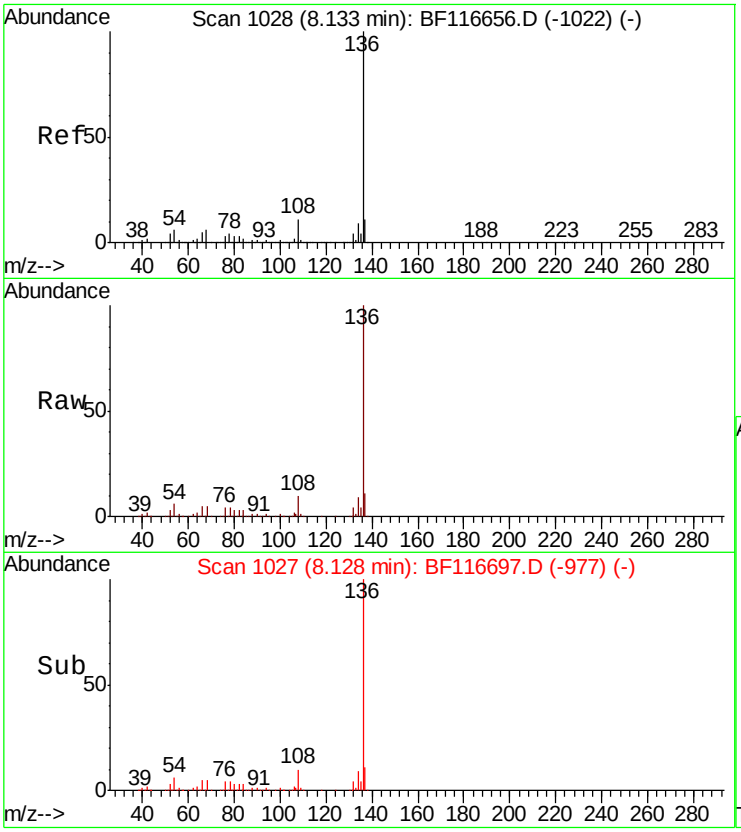


#19
n-Nitroso-di-n-propylamine
Concen: 11.789 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Tgt Ion: 70 Resp: 68494

Ion	Ratio	Lower	Upper
70	100		
42	36.5	43.5	65.3#
101	0.0	7.8	11.6#
130	2.6	16.6	24.8#



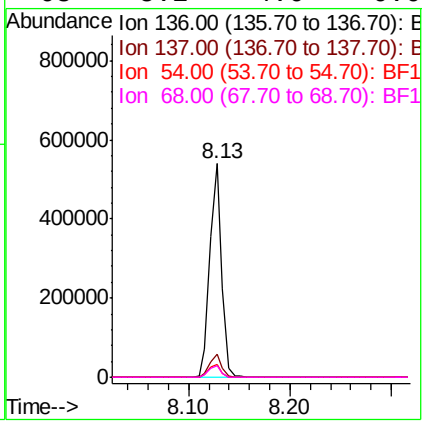


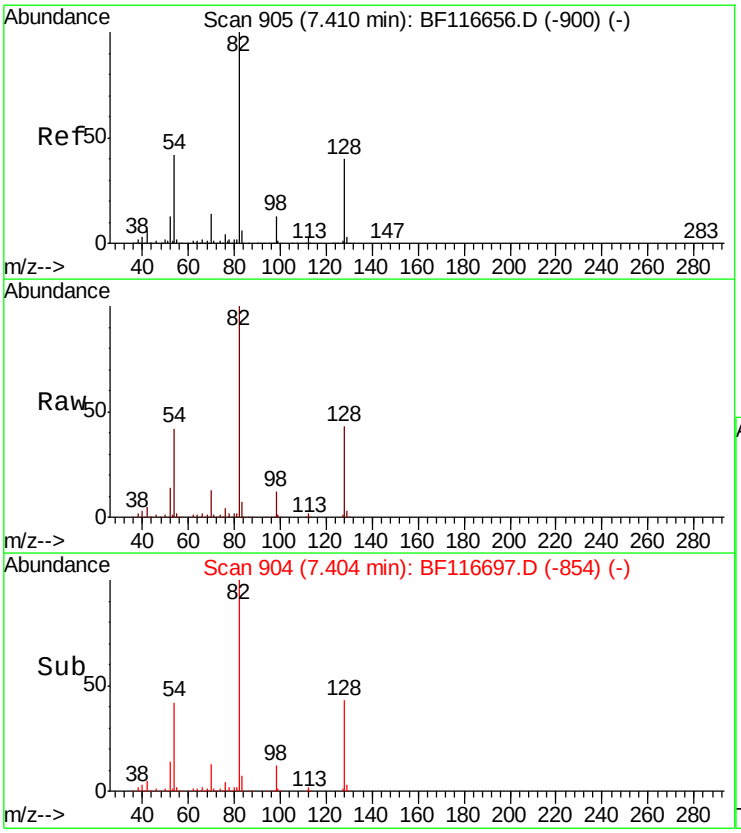
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Instrument :
BNA_F
ClientSampleId :
S700A1-N-0.0-0.5-083019

Tgt Ion:136 Resp: 434439

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.0	4.8	7.2
68	5.2	4.0	6.0

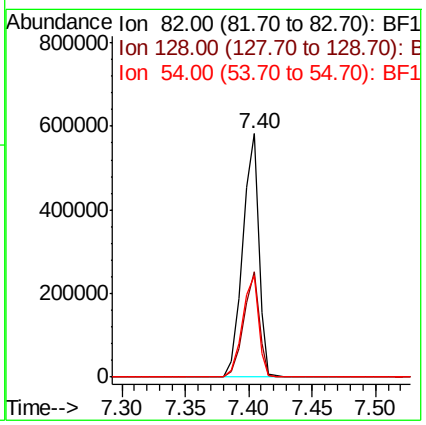


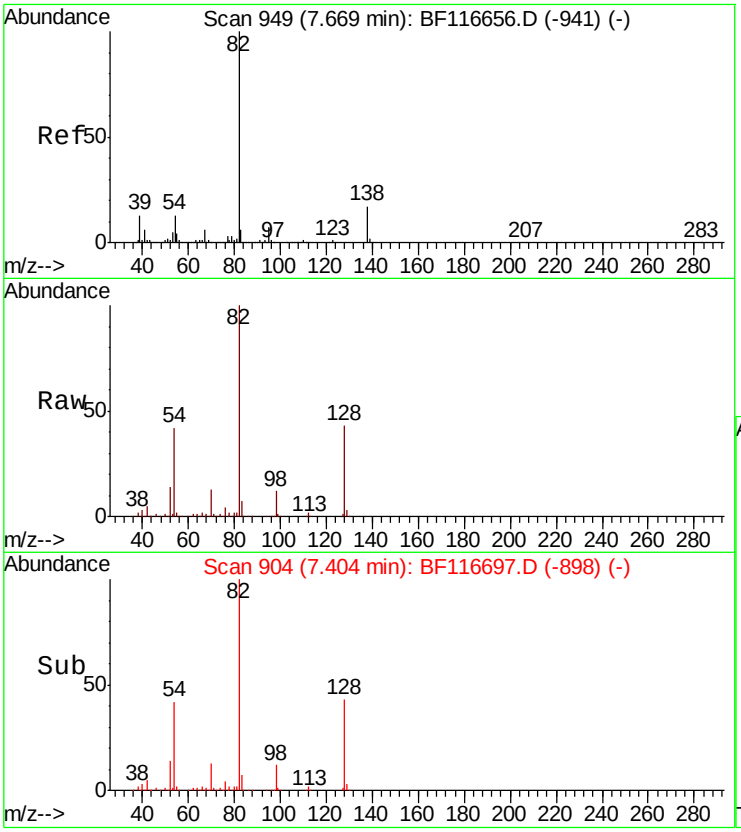


#23
Nitrobenzene-d5
Concen: 66.645 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Tgt Ion: 82 Resp: 507172

Ion	Ratio	Lower	Upper
82	100		
128	43.2	32.8	49.2
54	41.6	36.9	55.3



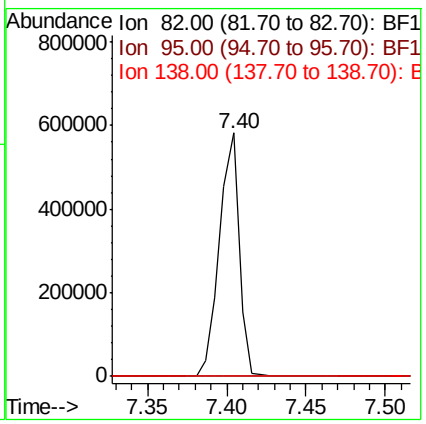


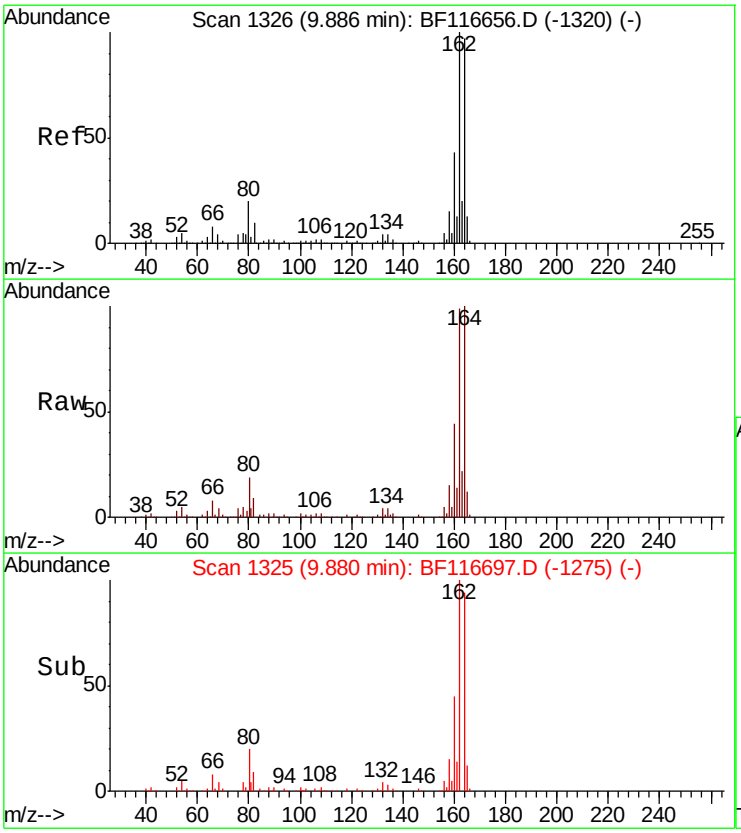
#25
Isophorone
Concen: 32.883 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Instrument :
BNA_F
ClientSampleId :
S700A1-N-0.0-0.5-083019

Tgt Ion: 82 Resp: 507083

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

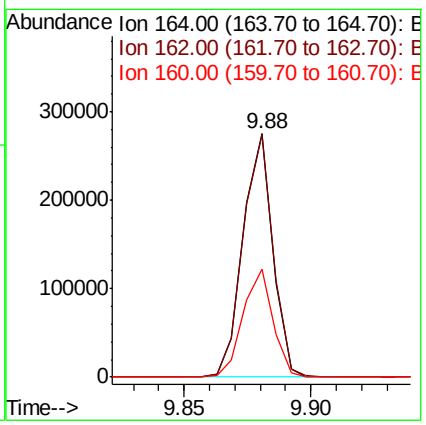


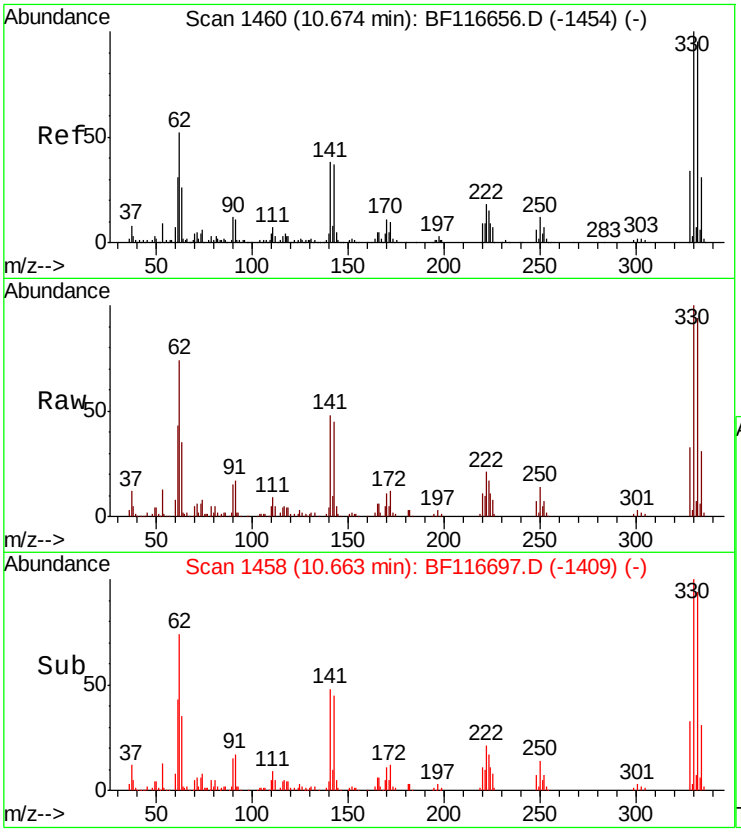


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Tgt Ion:164 Resp: 223960

Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.4	122.0
160	44.4	35.4	53.2



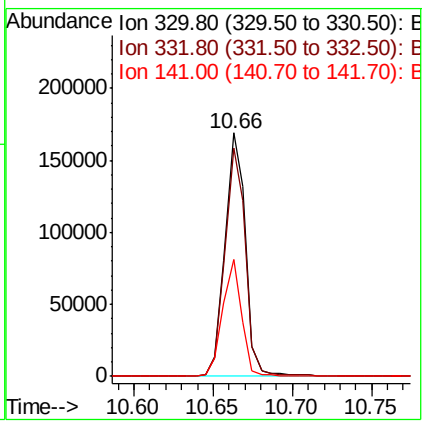


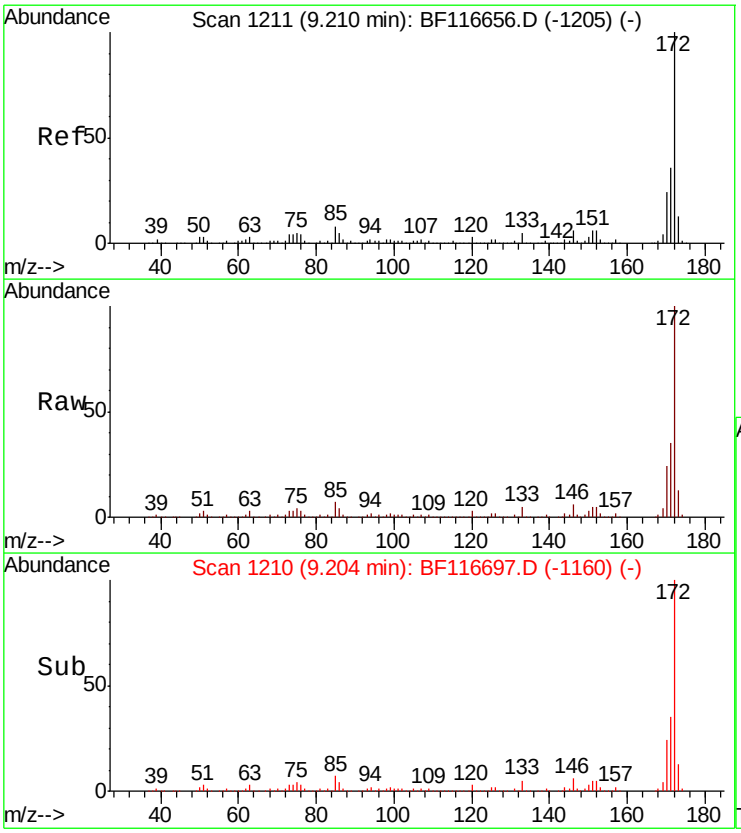
#42
2,4,6-Tribromophenol
Concen: 101.089 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Instrument :
BNA_F
ClientSampleId :
S700A1-N-0.0-0.5-083019

Tgt Ion:330 Resp: 151352

Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.9	115.3
141	44.6	31.4	47.2

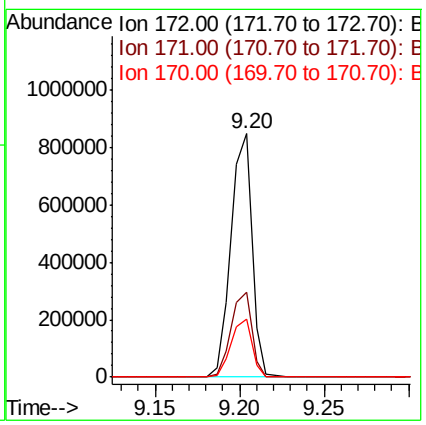


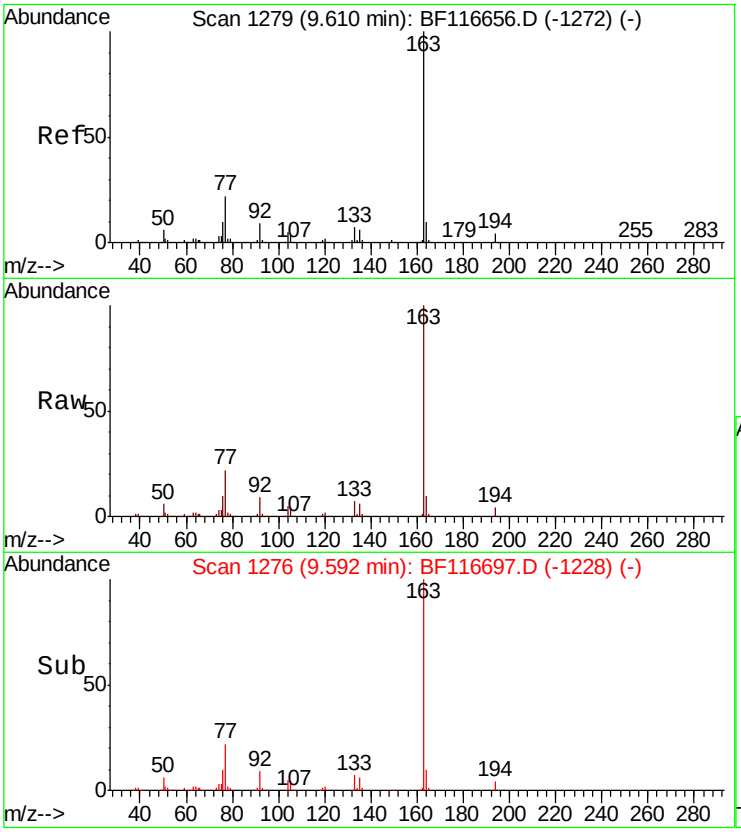


#45
2-Fluorobiphenyl
Concen: 55.154 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Tgt Ion:172 Resp: 732245

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.7	18.9	28.3



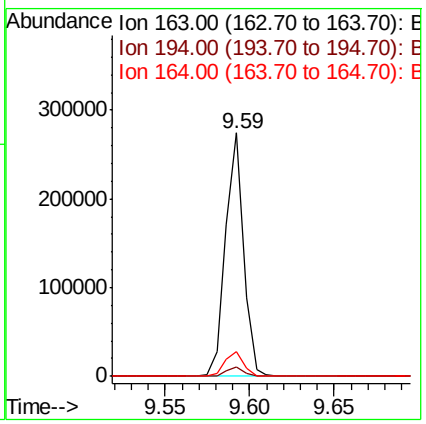


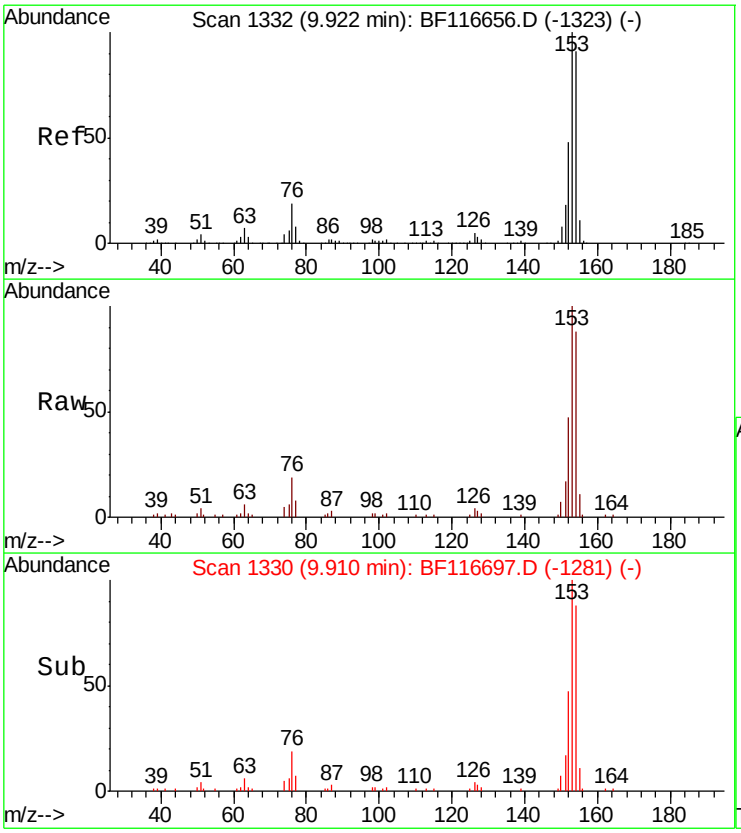
#50
Dimethylphthalate
Concen: 13.155 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Instrument :
BNA_F
ClientSampleId :
S700A1-N-0.0-0.5-083019

Tgt Ion:163 Resp: 203403

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	10.2	8.6	12.8

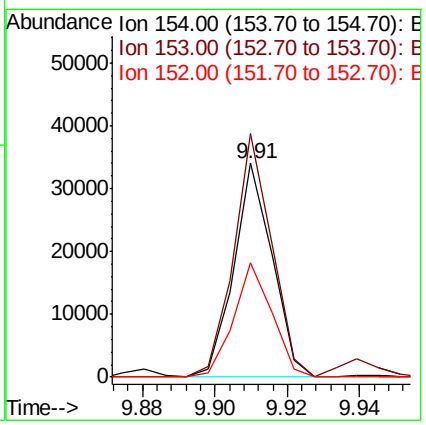


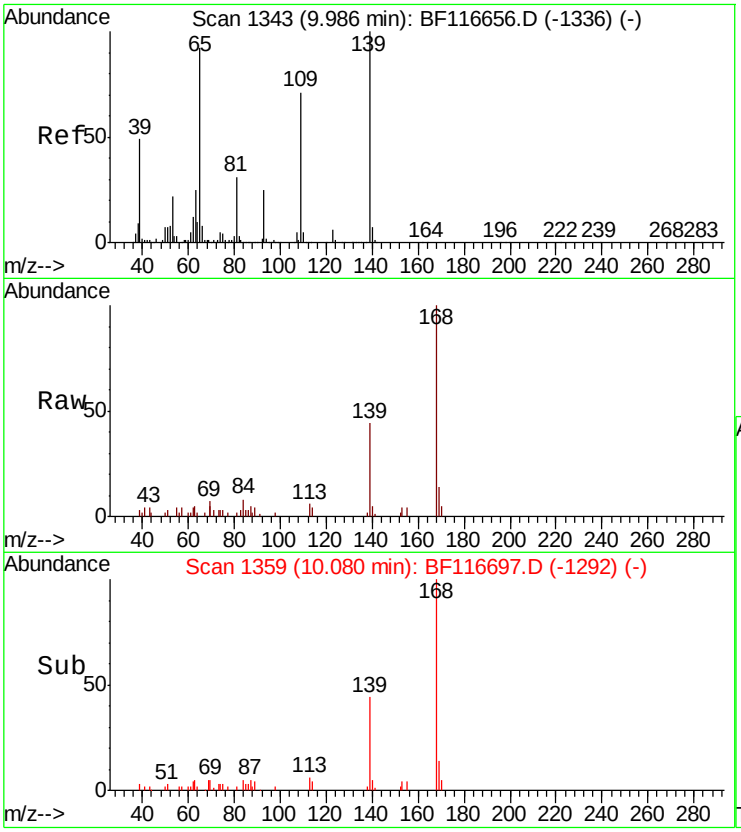


#52
Acenaphthene
Concen: 2.009 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Tgt Ion:154 Resp: 25116

Ion	Ratio	Lower	Upper
154	100		
153	113.8	89.5	134.3
152	53.1	41.9	62.9



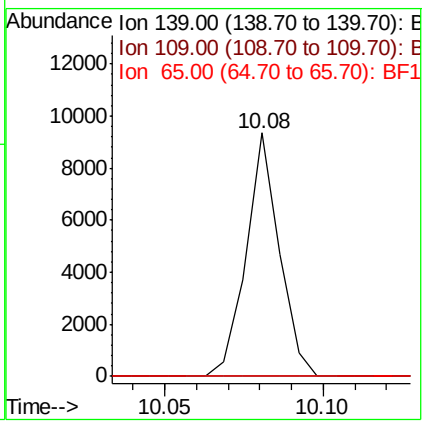


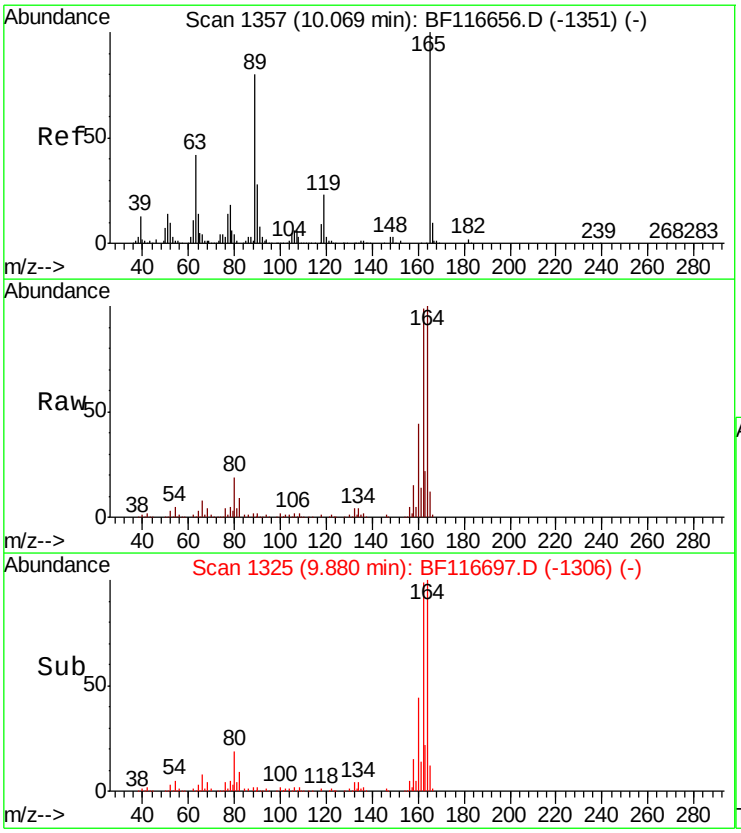
#56
4-Nitrophenol
Concen: 2.666 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.09 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Instrument :
BNA_F
ClientSampleId :
S700A1-N-0.0-0.5-083019

Tgt Ion:139 Resp: 6757

Ion	Ratio	Lower	Upper
139	100		
109	0.0	61.7	101.7#
65	0.0	89.1	129.1#

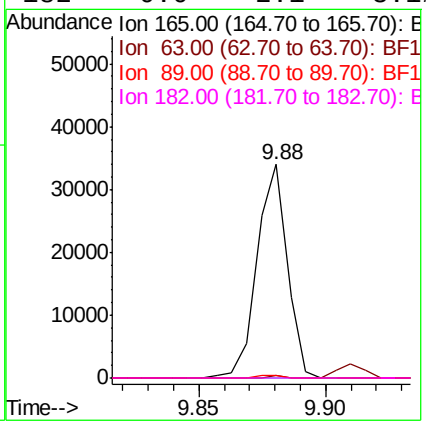


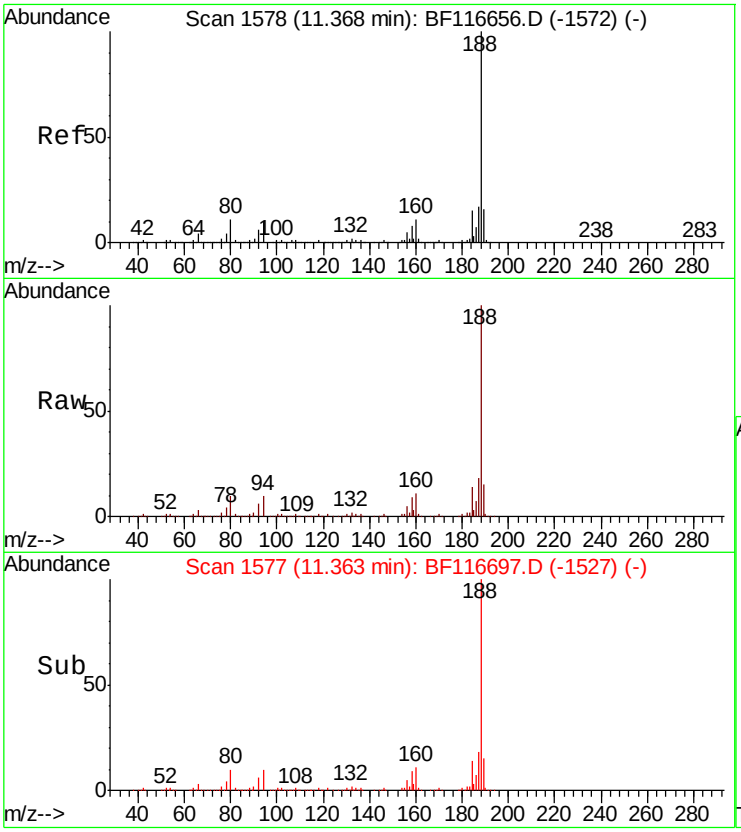


#57
2,4-Dinitrotoluene
Concen: 7.863 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Tgt Ion:165 Resp: 28362

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.4	62.6	94.0#
182	0.0	2.1	3.1#



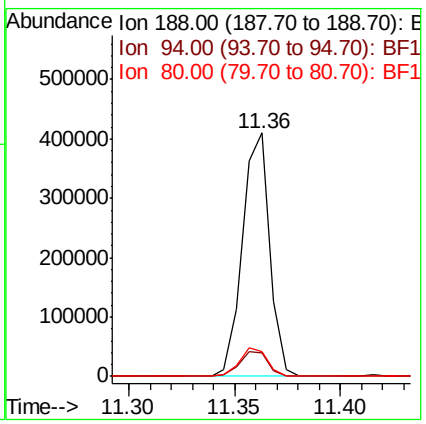


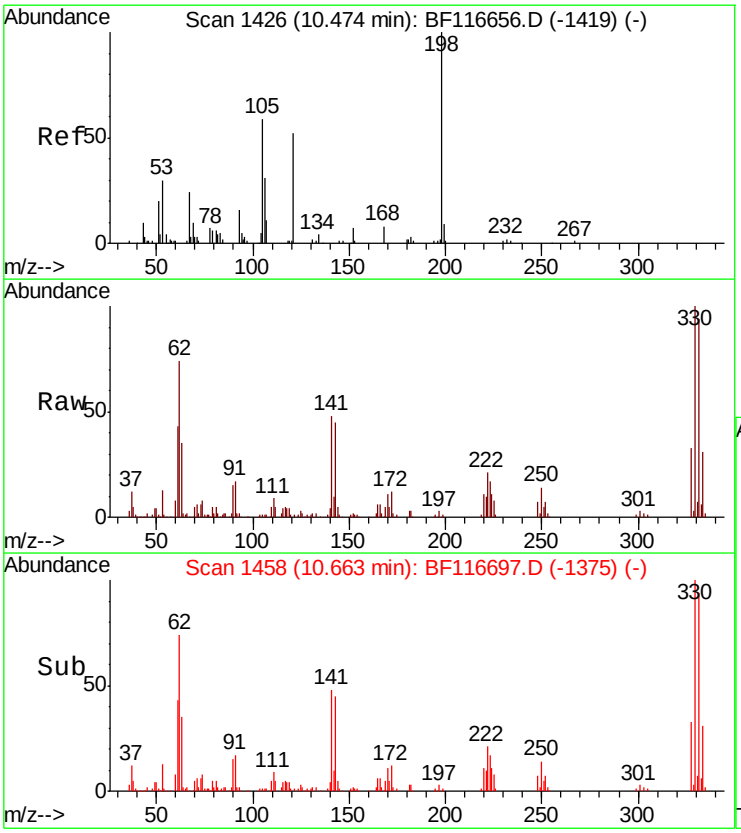
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Instrument :
BNA_F
ClientSampleId :
S700A1-N-0.0-0.5-083019

Tgt Ion:188 Resp: 366919

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.3	10.9
80	10.3	8.4	12.6

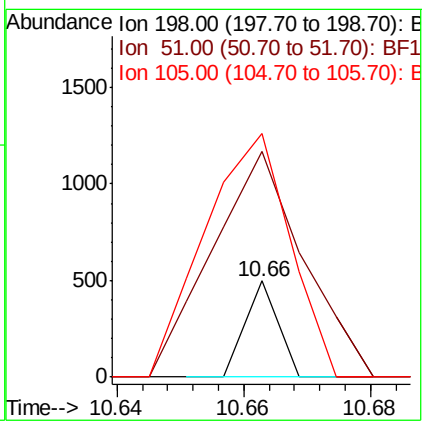


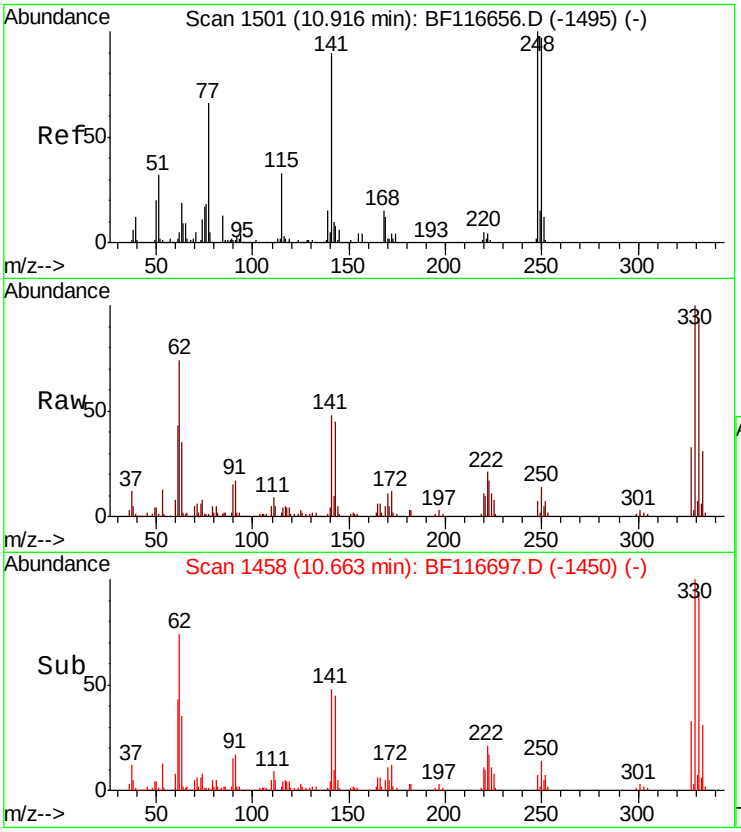


#65
4,6-Dinitro-2-methylphenol
Concen: 7.561 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.19 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Tgt Ion:198 Resp: 176

Ion	Ratio	Lower	Upper
198	100		
51	235.1	18.4	58.4#
105	253.2	22.9	62.9#



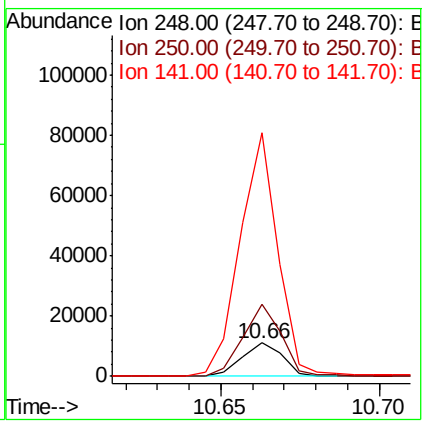


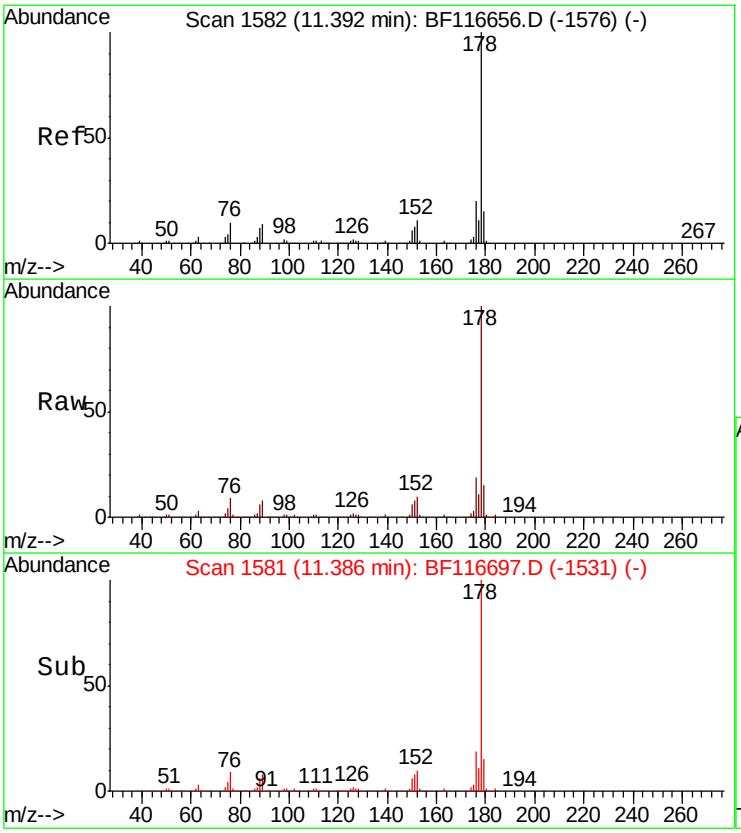
#67
4-Bromophenyl-phenylether
Concen: 2.605 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Instrument :
BNA_F
ClientSampleId :
S700A1-N-0.0-0.5-083019

Tgt Ion:248 Resp: 9710

Ion	Ratio	Lower	Upper
248	100		
250	217.4	77.8	116.8#
141	732.6	75.9	113.9#

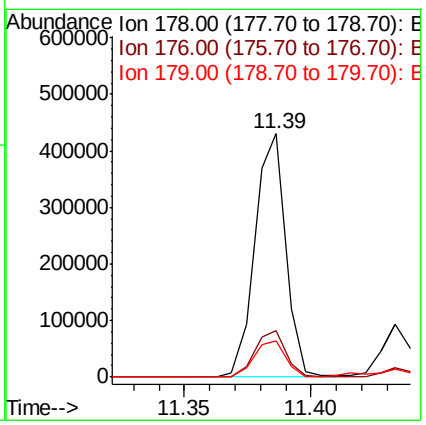


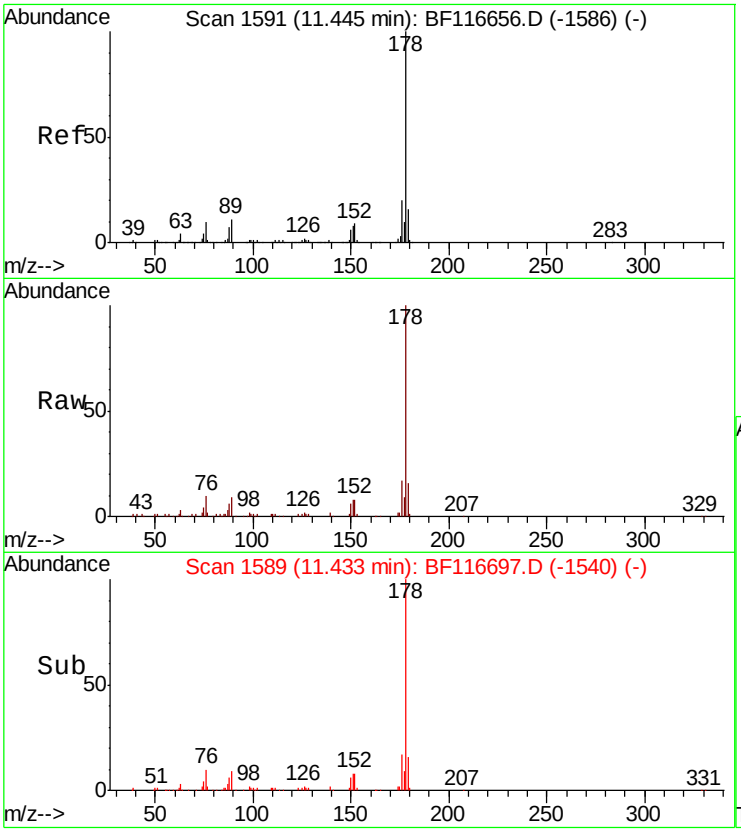


#71
Phenanthrene
Concen: 17.921 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Tgt Ion:178 Resp: 366029

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	14.9	12.2	18.2



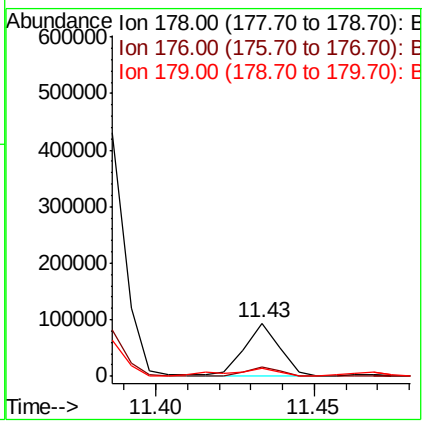


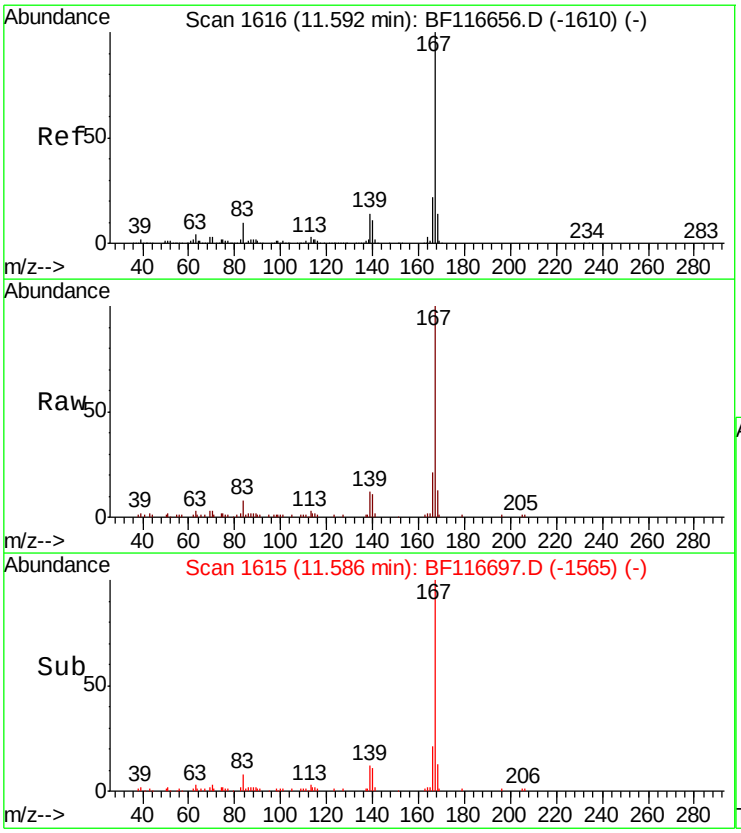
#72
Anthracene
Concen: 3.547 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Instrument :
BNA_F
ClientSampleId :
S700A1-N-0.0-0.5-083019

Tgt Ion:178 Resp: 72922

Ion	Ratio	Lower	Upper
178	100		
176	16.9	15.4	23.0
179	16.1	12.5	18.7

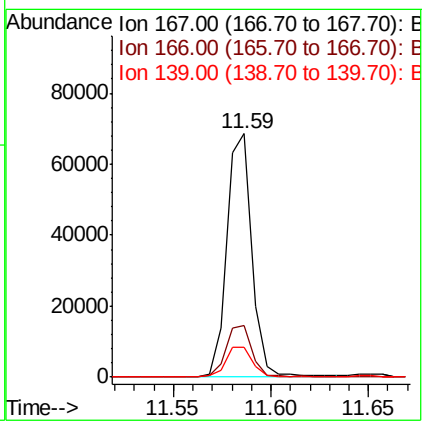


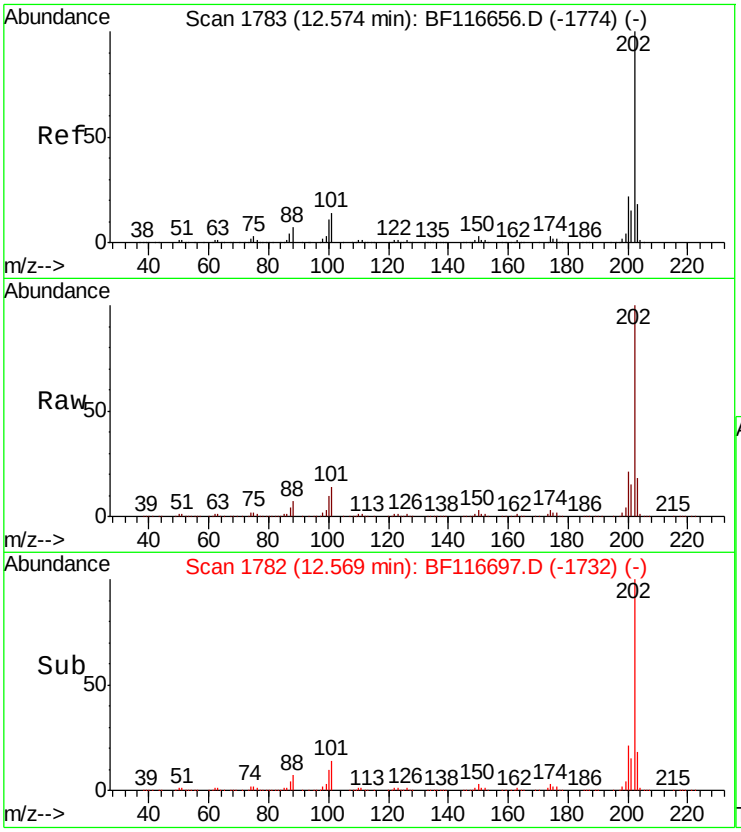


#73
Carbazole
Concen: 3.120 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Tgt Ion:167 Resp: 61098

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.8	26.6
139	12.1	11.1	16.7



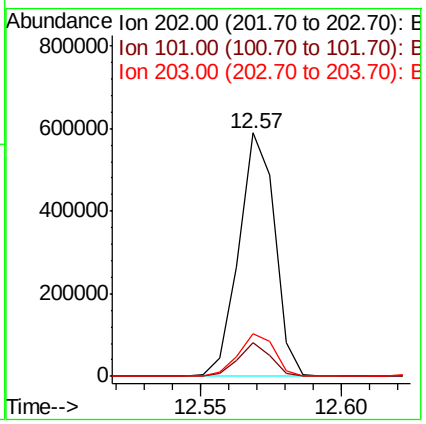


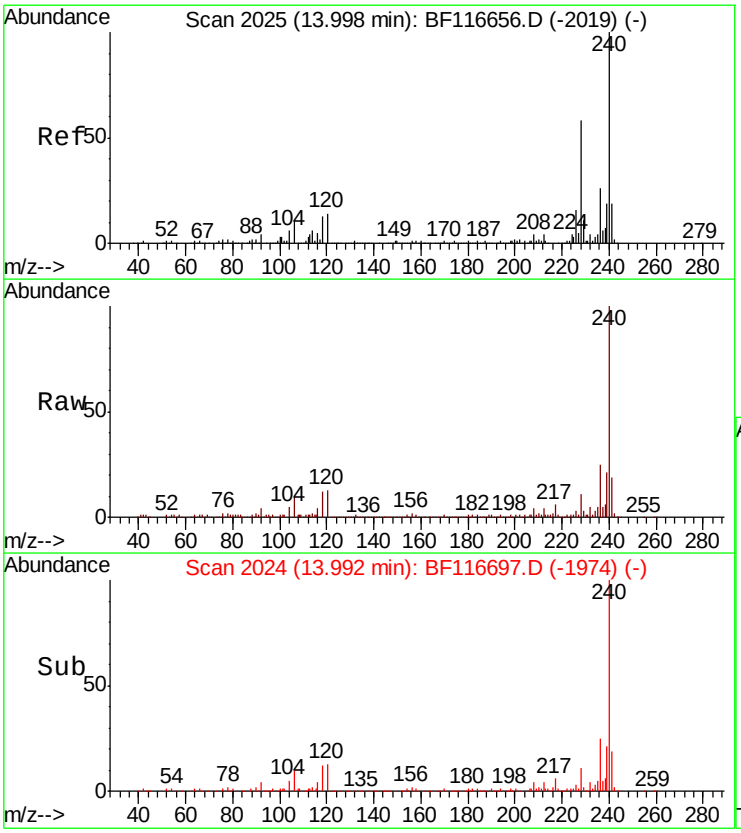
#75
Fluoranthene
Concen: 26.005 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Instrument :
BNA_F
ClientSampleId :
S700A1-N-0.0-0.5-083019

Tgt Ion:202 Resp: 521990

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	31.3
203	17.7	0.0	37.6

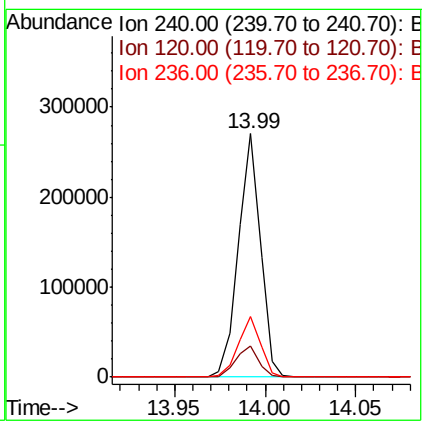


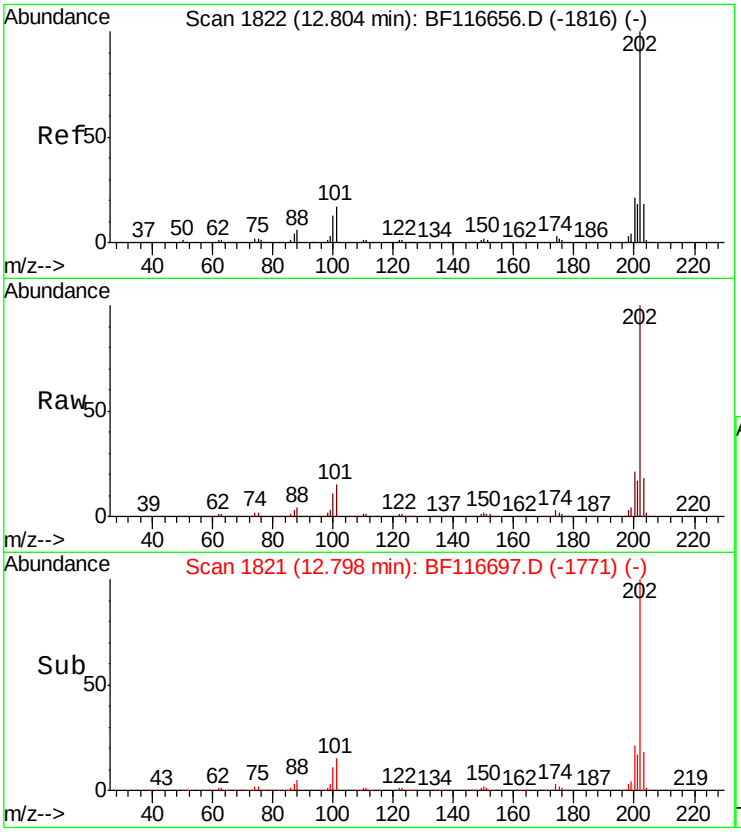


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Tgt Ion:240 Resp: 229200

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.1	13.7
236	24.9	21.1	31.7



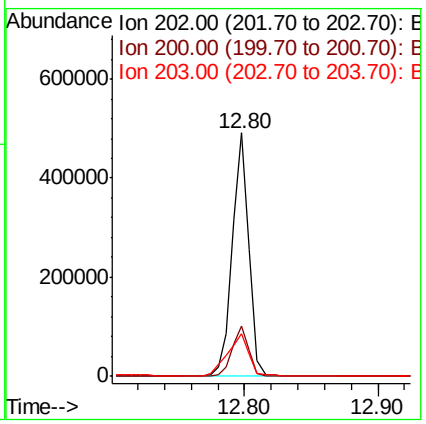


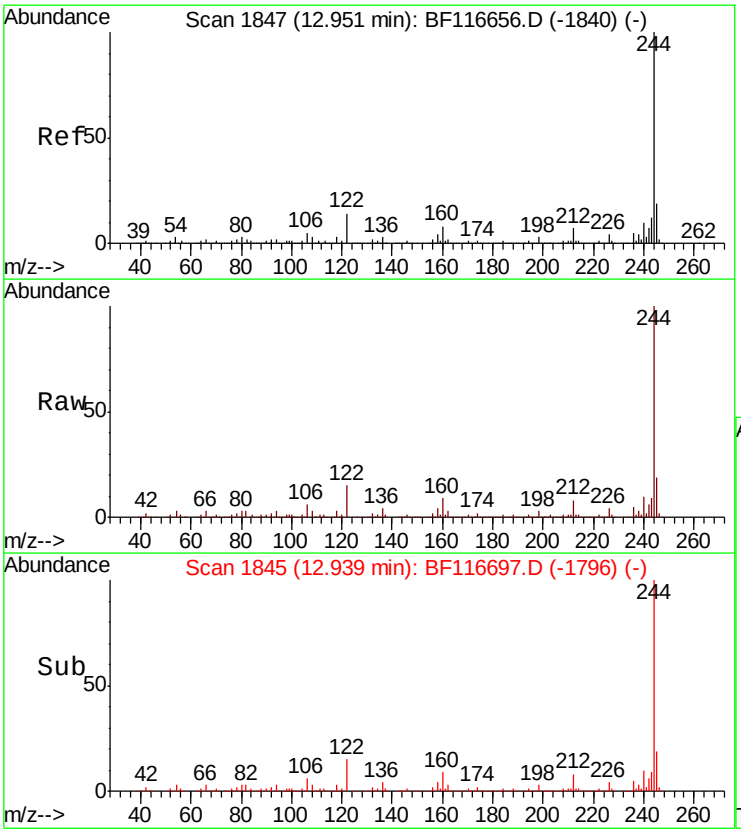
#78
Pyrene
Concen: 21.117 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Instrument :
BNA_F
ClientSampleId :
S700A1-N-0.0-0.5-083019

Tgt Ion:202 Resp: 430238

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.5	24.7
203	17.8	13.7	20.5

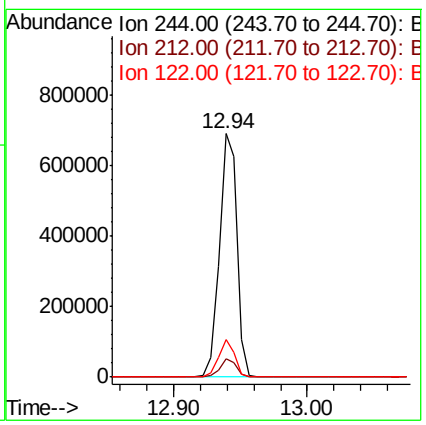


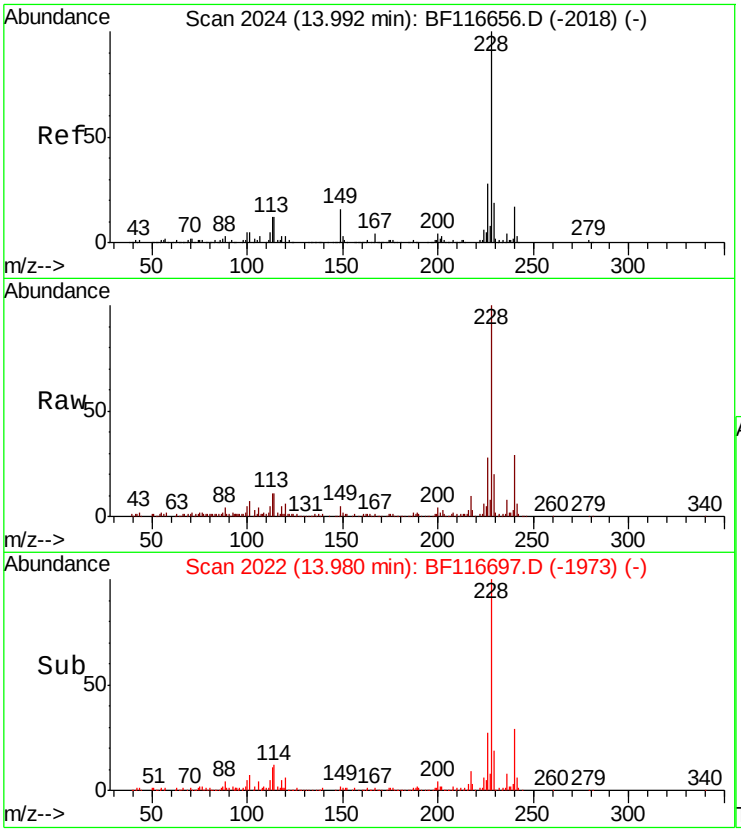


#79
Terphenyl-d14
Concen: 51.497 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Tgt Ion:244 Resp: 638026

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	15.3	10.2	15.4



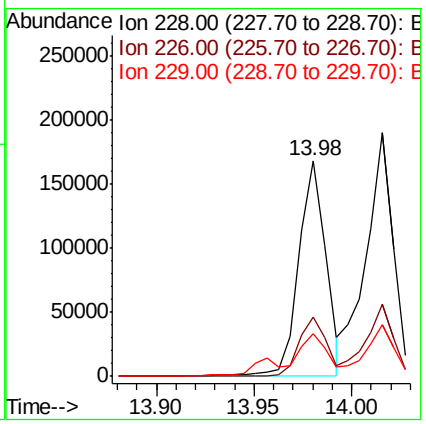


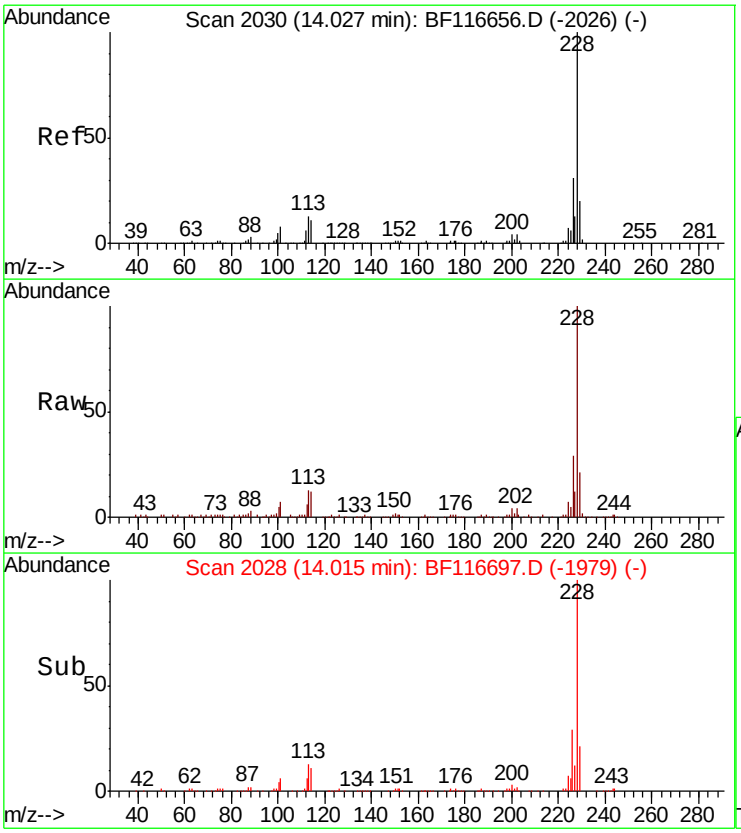
#81
Benzo(a)anthracene
Concen: 11.222 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Instrument :
BNA_F
ClientSampleId :
S700A1-N-0.0-0.5-083019

Tgt Ion:228 Resp: 162785

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.0	33.0
229	19.7	16.4	24.6

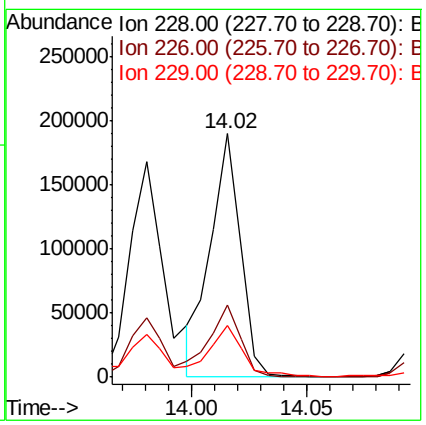


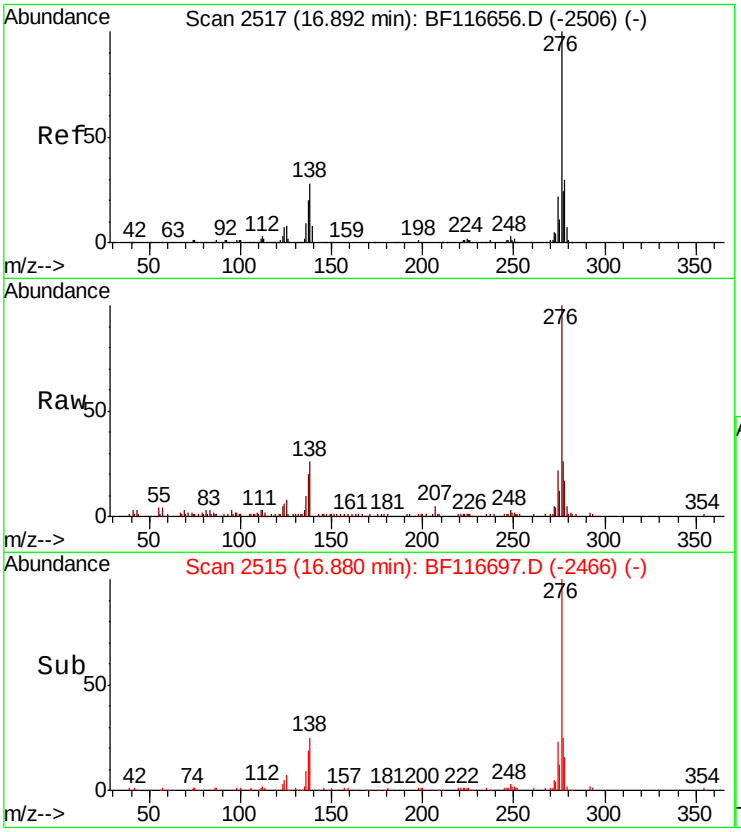


#83
Chrysene
Concen: 11.489 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Tgt Ion:228 Resp: 171700

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.0	36.0
229	21.3	15.4	23.0



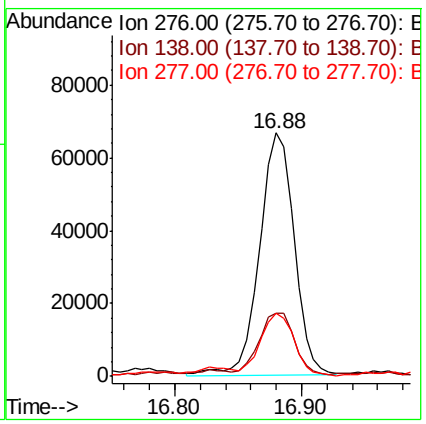


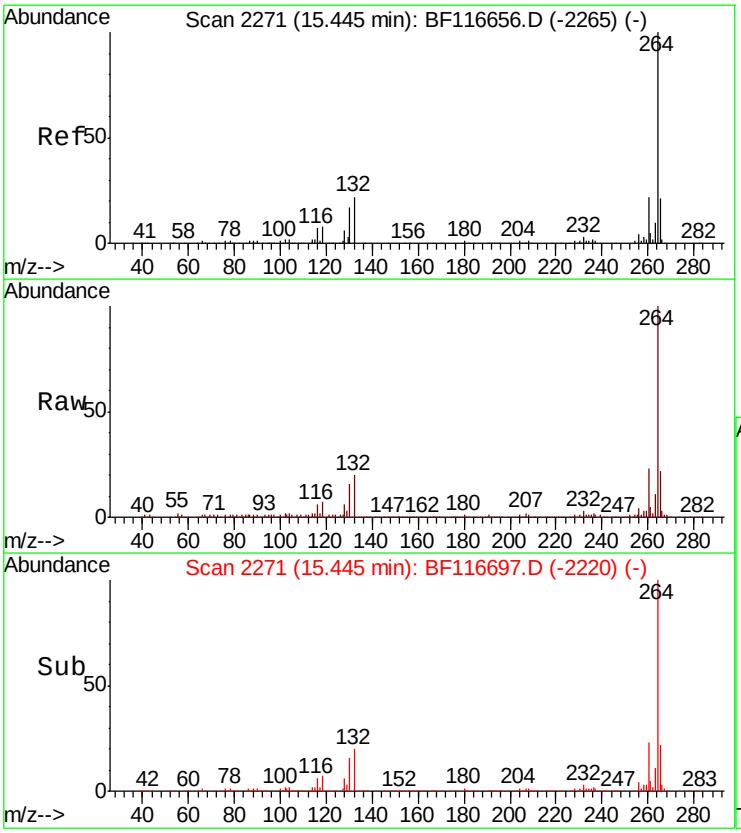
#86
Indeno(1,2,3-cd)pyrene
Concen: 10.543 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Instrument :
BNA_F
ClientSampleId :
S700A1-N-0.0-0.5-083019

Tgt Ion:276 Resp: 126558

Ion	Ratio	Lower	Upper
276	100		
138	25.9	19.4	29.2
277	25.4	20.5	30.7

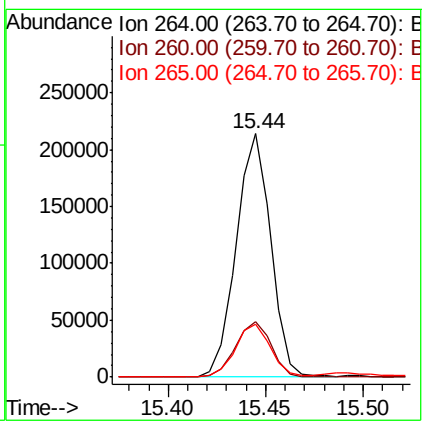


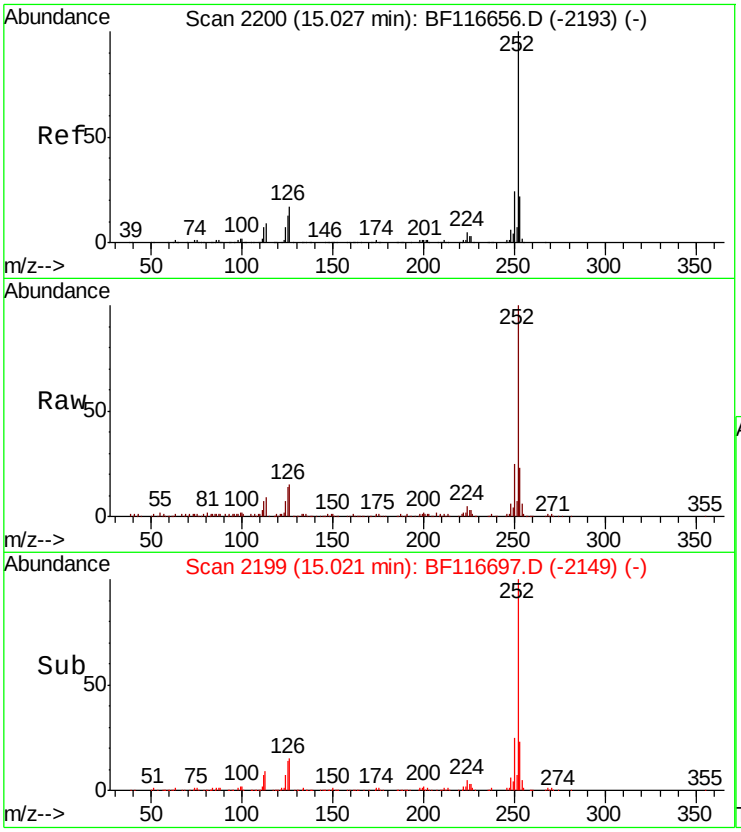


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Tgt Ion:264 Resp: 262377

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	21.5	16.5	24.7



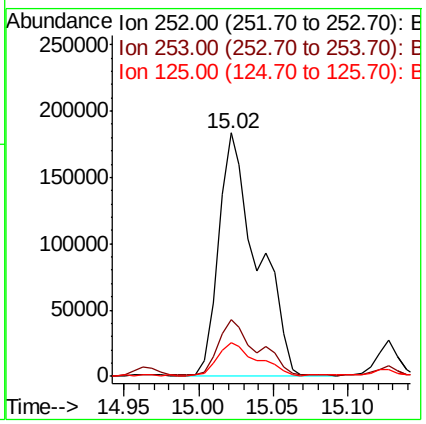


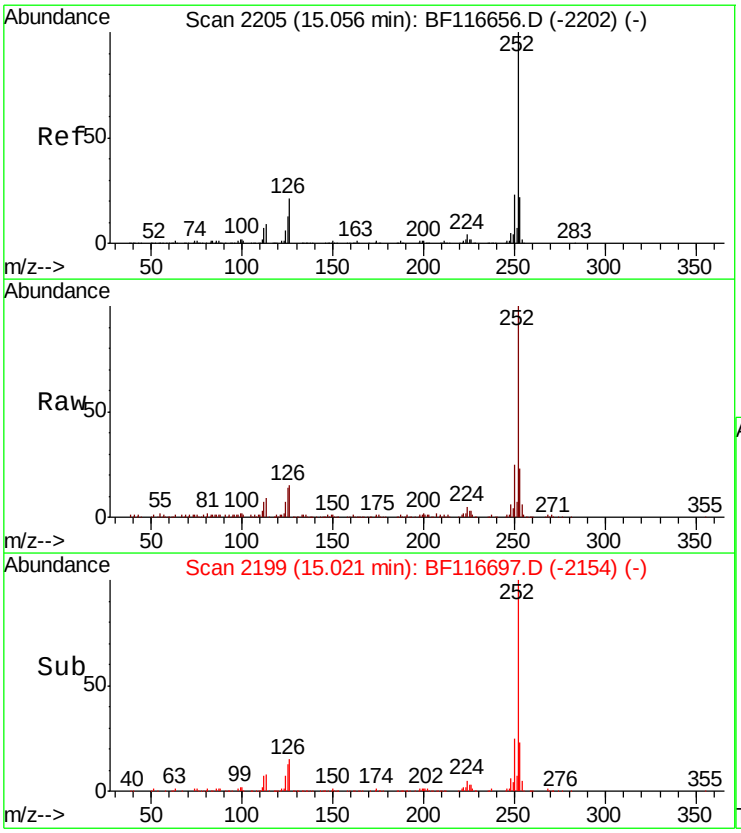
#88
Benzo(b)fluoranthene
Concen: 20.980 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Instrument :
BNA_F
ClientSampleId :
S700A1-N-0.0-0.5-083019

Tgt Ion:252 Resp: 332798

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	13.9	8.2	12.2#

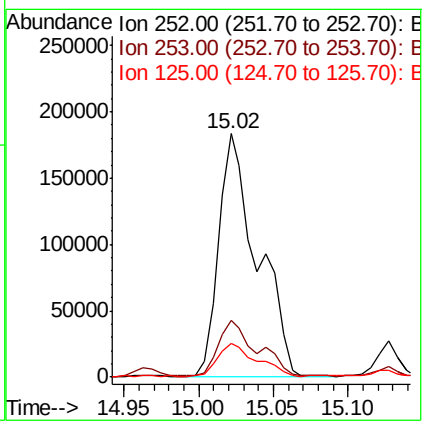


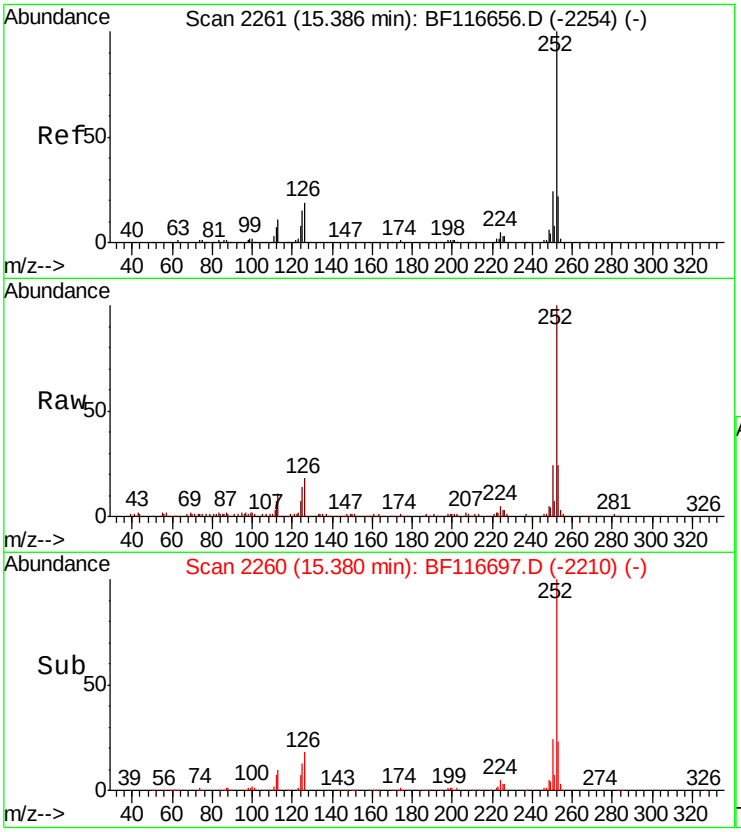


#89
Benzo(k)fluoranthene
Concen: 23.010 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Tgt Ion:252 Resp: 332798

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	13.9	8.6	13.0#



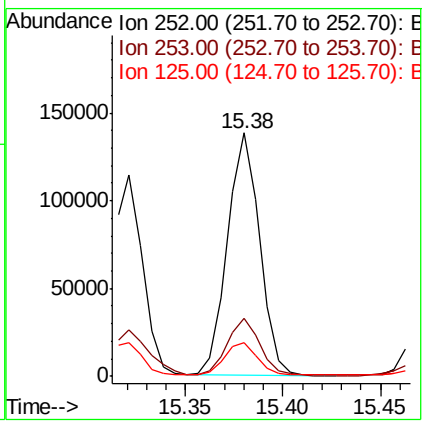


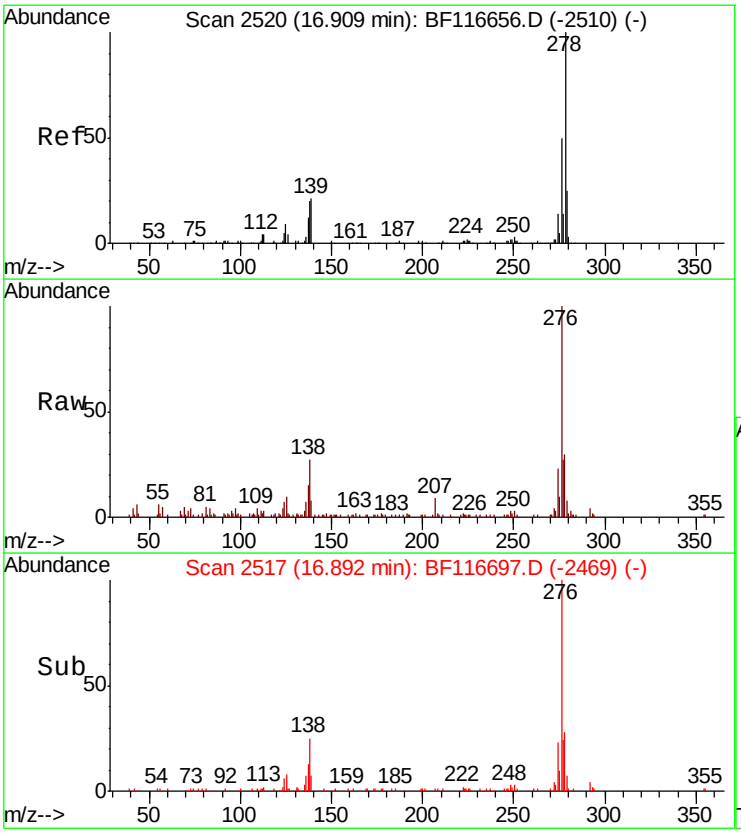
#90
Benzo(a)pyrene
Concen: 11.484 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Instrument :
BNA_F
ClientSampleId :
S700A1-N-0.0-0.5-083019

Tgt Ion:252 Resp: 158495

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.1	27.1
125	13.8	9.8	14.8

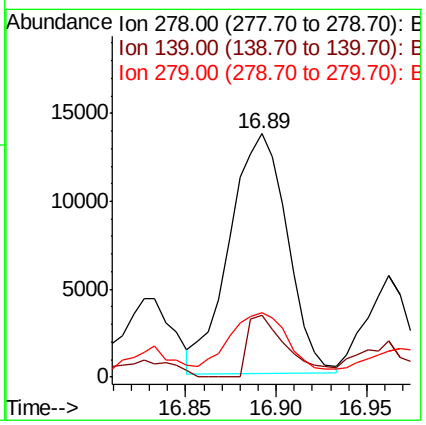


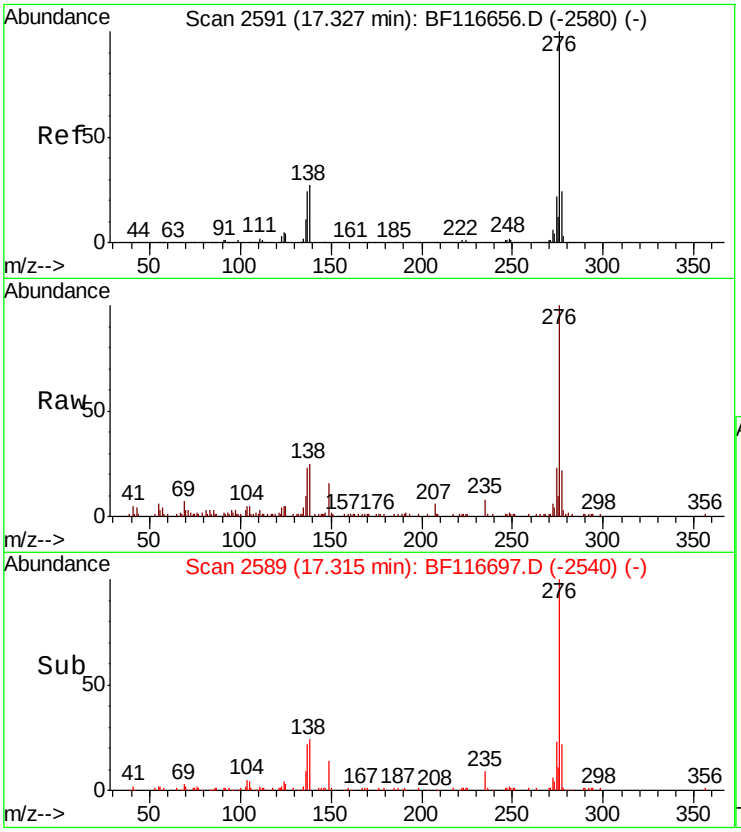


#91
Dibenzo(a,h)anthracene
Concen: 2.511 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Tgt Ion:278 Resp: 30332

Ion	Ratio	Lower	Upper
278	100		
139	25.2	12.4	18.6#
279	26.5	18.2	27.4





#92
Benzo(g,h,i)perylene
Concen: 9.381 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.01 min
Lab File: BF116697.D
Acq: 31 Aug 2019 14:17

Instrument :
BNA_F
ClientSampleId :
S700A1-N-0.0-0.5-083019

Tgt Ion:276 Resp: 115569

Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.5	27.7
138	24.7	16.2	24.2#