Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111555.D
Acq On : 17 Dec 2018 22:45
Operator : JU/SJ
Sample : J6403-25
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-A

Quant Time: Dec 18 04:12:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	124043	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	787465	20.00	ng		-0.01
39) Acenaphthene-d10	9.82	164	360861	20.00	ng		-0.01
64) Phenanthrene-d10	11.31	188	573035	20.00	ng		0.00
76) Chrysene-d12	13.94	240	369438	20.00	ng		0.00
87) Perylene-d12	15.39	264	356948	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	994977	133.48	ng		0.00
7) Phenol-d6	6.44	99	1082548	109.18	ng		0.00
23) Nitrobenzene-d5	7.35	82	683268	51.67	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	320831	99.25	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1610154	68.92	ng		-0.01
79) Terphenyl-d14	12.89	244	1139652	72.44	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	61837	5.598	ng		95
19) n-Nitroso-di-n-propylamine	7.35	70	91282	13.954	ng	#	81
25) Isophorone	7.35	82	677714	30.289	ng	#	64
31) Naphthalene	8.09	128	81185	2.204	ng		96
50) Dimethylphthalate	9.54	163	242841	9.344	ng		97
52) Acenaphthene	9.86	154	43809	2.009	ng		97
57) 2,4-Dinitrotoluene	9.82	165	49909	6.500	ng	#	25
58) Fluorene	10.37	166	52719	2.296	ng		99
67) 4-Bromophenyl-phenylether	10.62	248	20559	3.329	ng	#	1
71) Phenanthrene	11.33	178	530196	17.956	ng		92
72) Anthracene	11.38	178	128948	4.270	ng		93
75) Fluoranthene	12.52	202	704219	24.379	ng		98
78) Pyrene	12.75	202	662817	25.447	ng		95
81) Benzo(a)anthracene	13.94	228	325000	16.179	ng		98
83) Chrysene	13.97	228	318046	15.030	ng		95
88) Benzo(b)fluoranthene	14.97	252	552566	26.552	ng		99
89) Benzo(k)fluoranthene	14.97	252	552566	27.788	ng		99
90) Benzo(a)pyrene	15.33	252	301698	16.077	ng		97
91) Dibenzo(a,h)anthracene	16.97	278	33533	2.265	ng		96
92) Benzo(g,h,i)perylene	17.23	276	139273	9.585	ng		94

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
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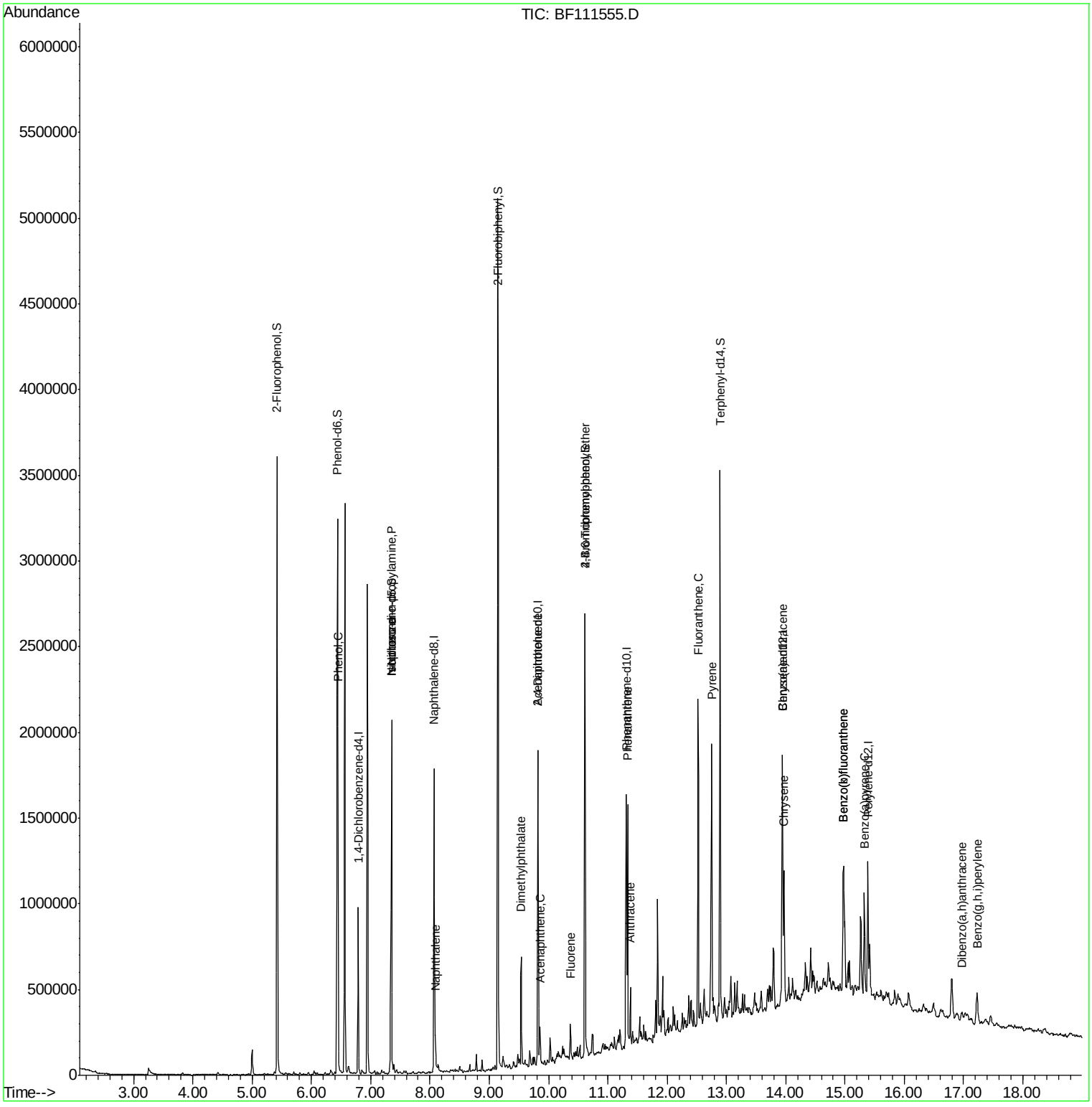
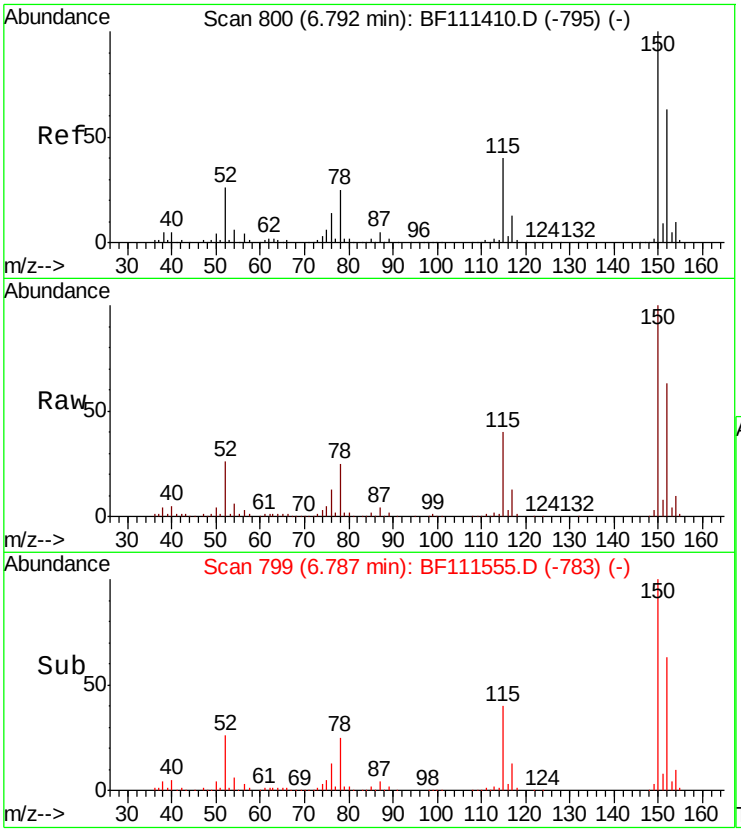


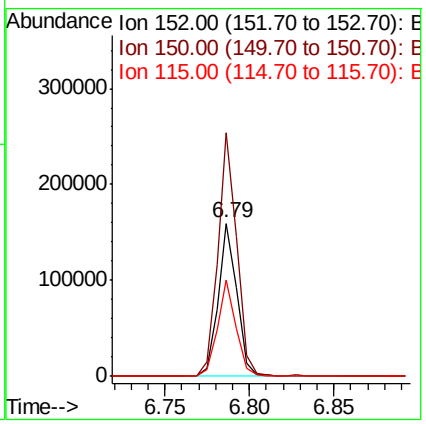


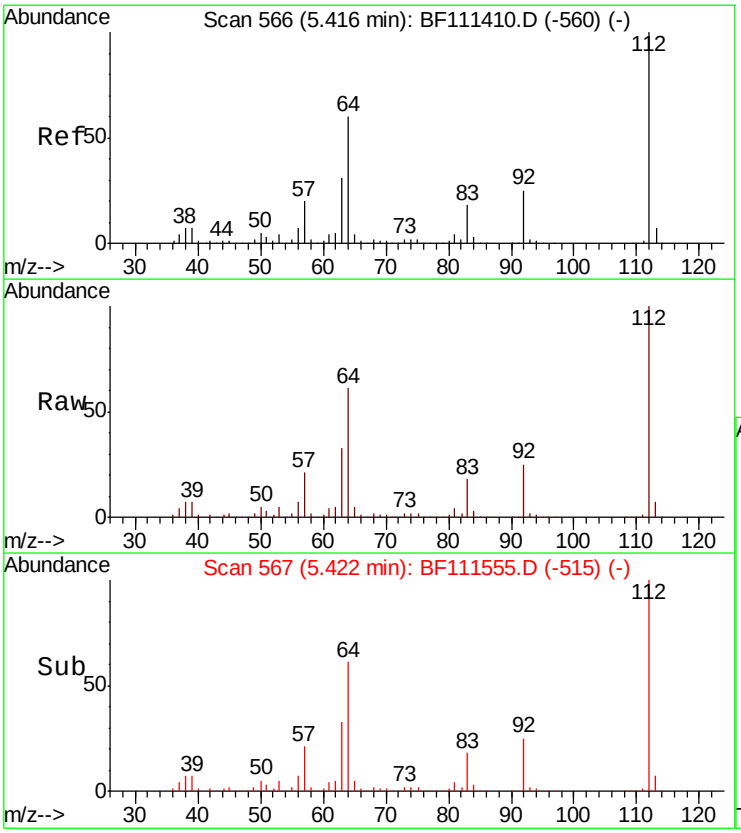
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Instrument :
BNA_F
ClientSampleId :
TP-4-A

Tgt Ion:152 Resp: 124043

Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.6	189.8
115	62.8	50.7	76.1

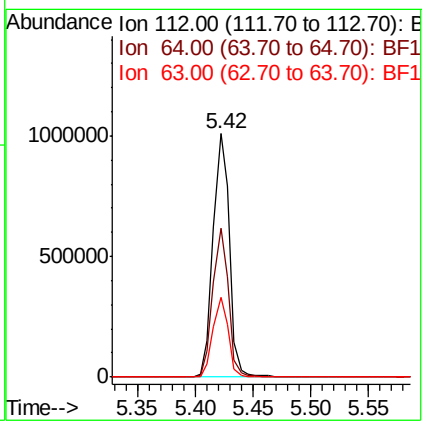


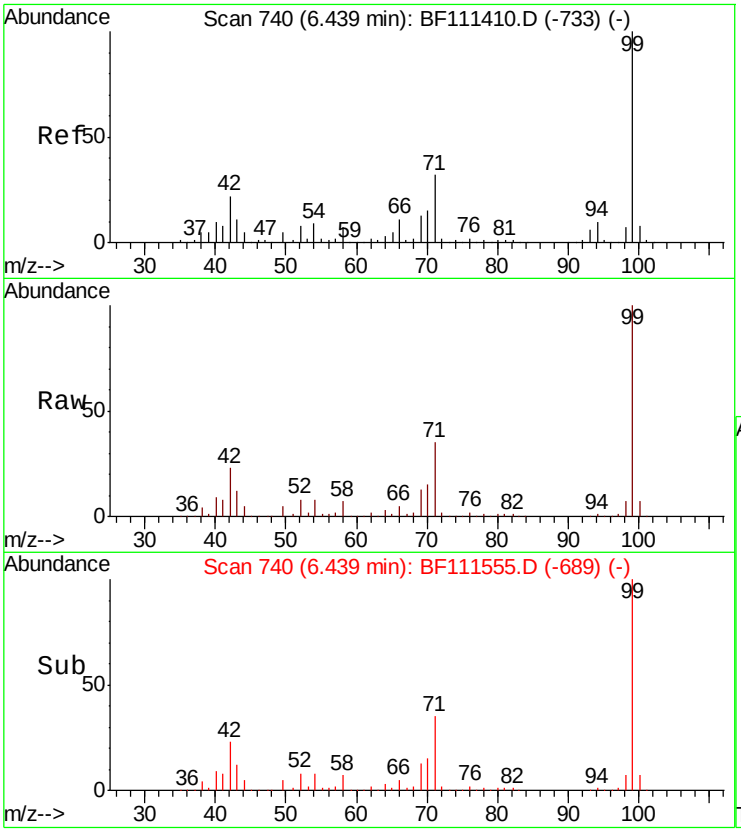


#5
2-Fluorophenol
Concen: 133.478 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Tgt Ion:112 Resp: 994977

Ion	Ratio	Lower	Upper
112	100		
64	61.0	51.8	77.6
63	32.6	26.8	40.2



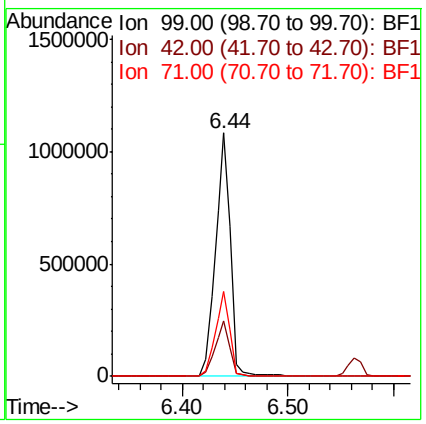


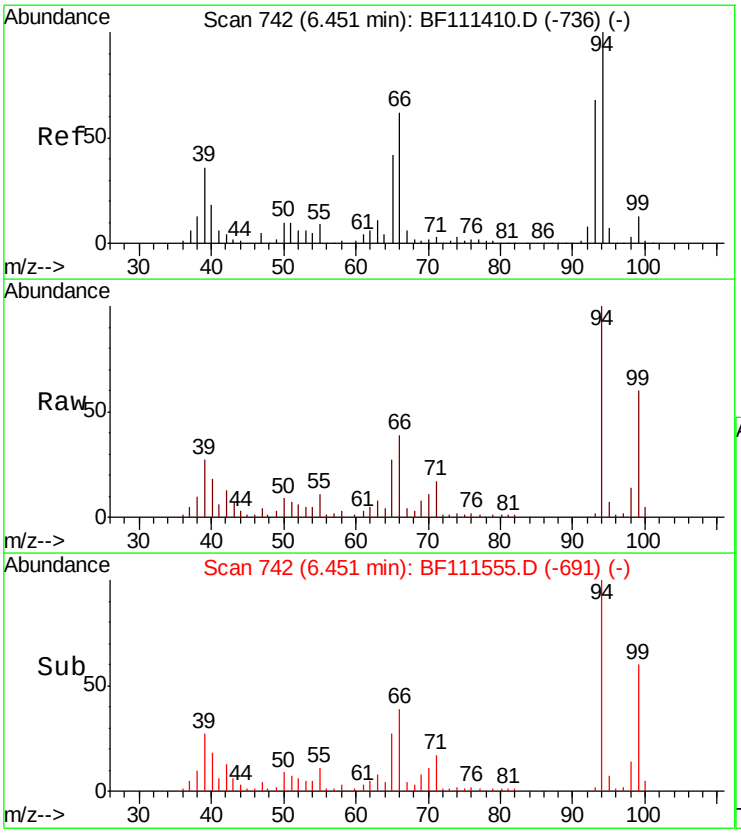
#7
Phenol-d6
Concen: 109.178 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Instrument :
BNA_F
ClientSampleId :
TP-4-A

Tgt Ion: 99 Resp: 1082548

Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.4	26.0
71	34.7	26.1	39.1

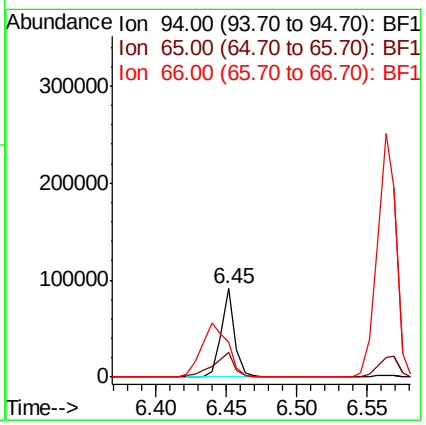


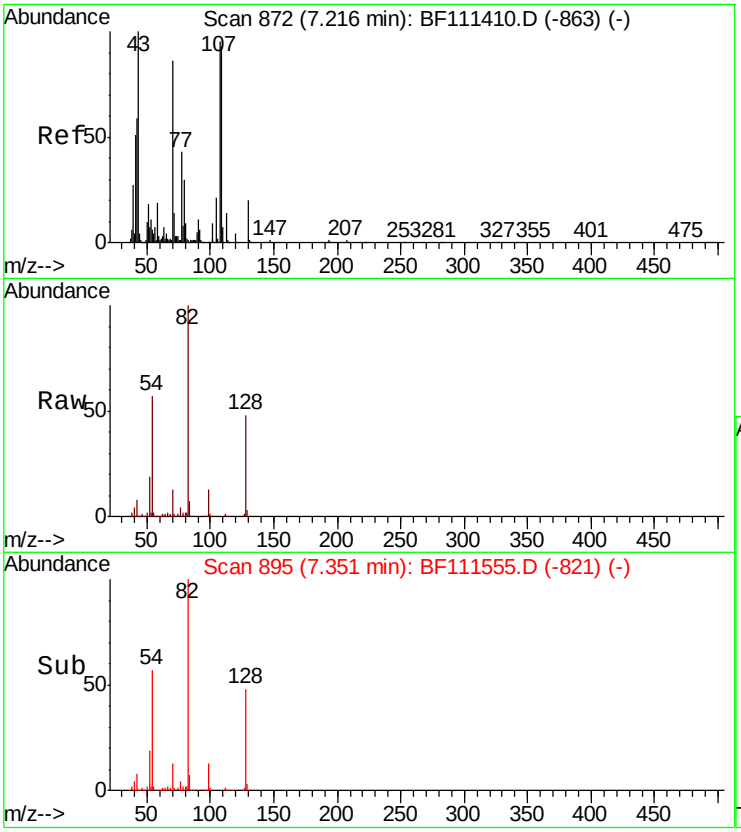


#10
Phenol
Concen: 5.598 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Tgt Ion: 94 Resp: 61837

Ion	Ratio	Lower	Upper
94	100		
65	27.4	11.7	51.7
66	39.2	21.0	61.0



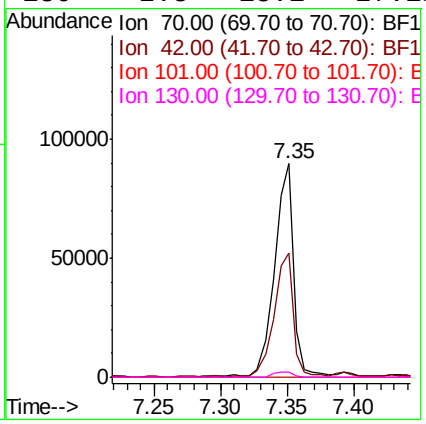


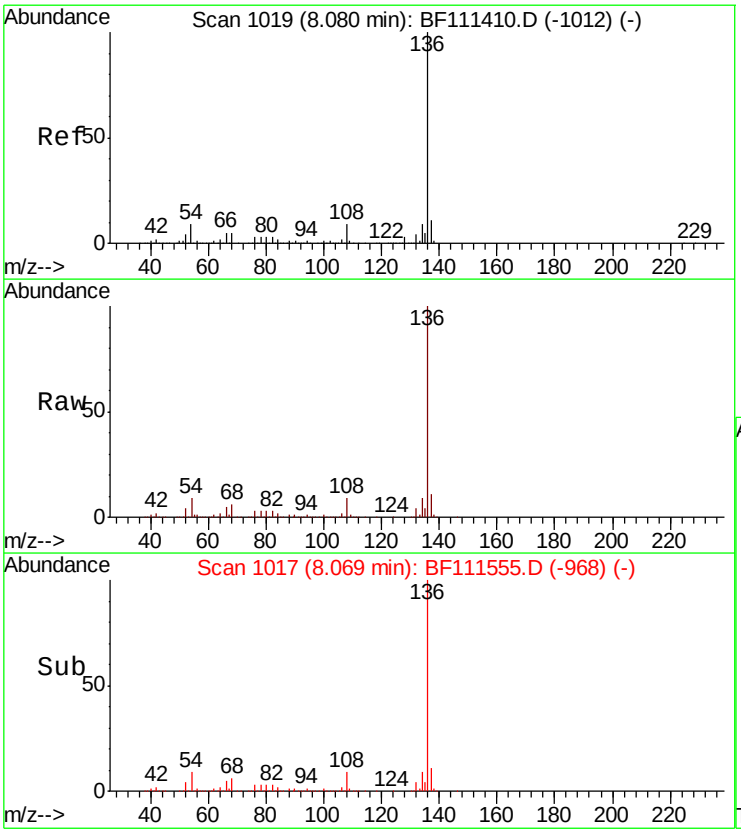
#19
n-Nitroso-di-n-propylamine
Concen: 13.954 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Instrument :
BNA_F
ClientSampleId :
TP-4-A

Tgt Ion: 70 Resp: 91282

Ion	Ratio	Lower	Upper
70	100		
42	58.4	53.2	79.8
101	0.0	8.2	12.4#
130	2.3	18.1	27.1#

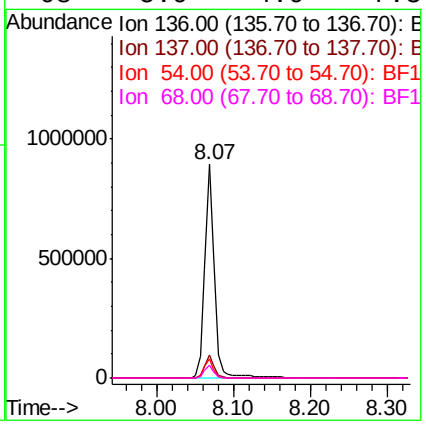


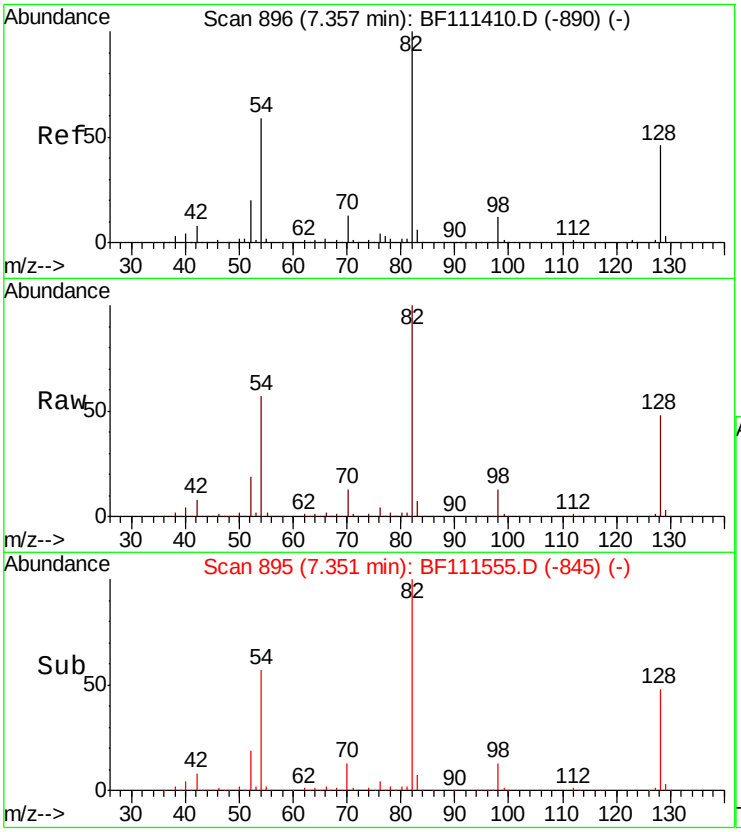


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Tgt Ion:136 Resp: 787465

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.9	7.7	11.5
68	5.9	4.9	7.3



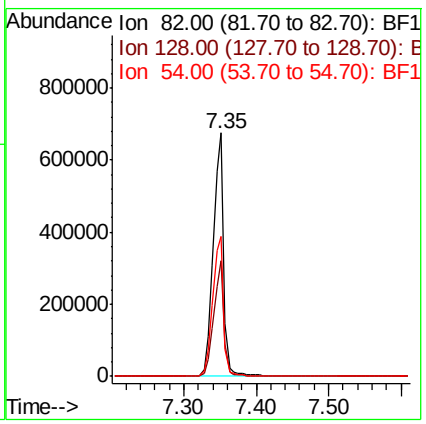


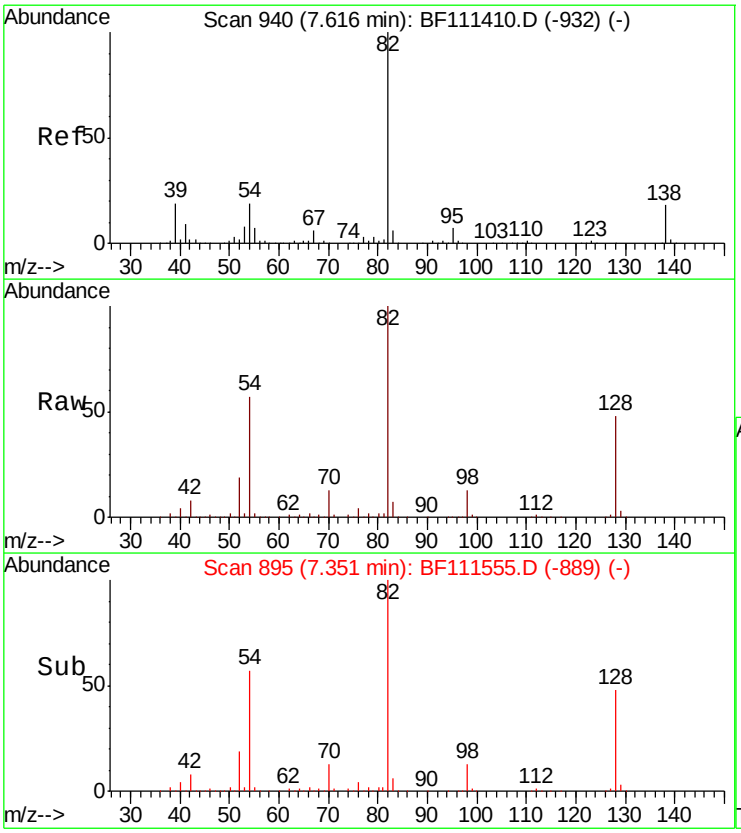
#23
Nitrobenzene-d5
Concen: 51.669 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Instrument :
BNA_F
ClientSampleId :
TP-4-A

Tgt Ion: 82 Resp: 683268

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.4	56.2
54	57.5	47.6	71.4

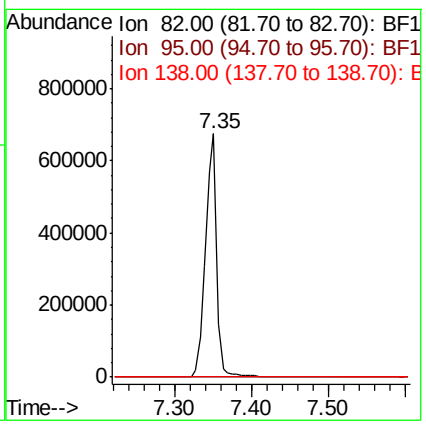


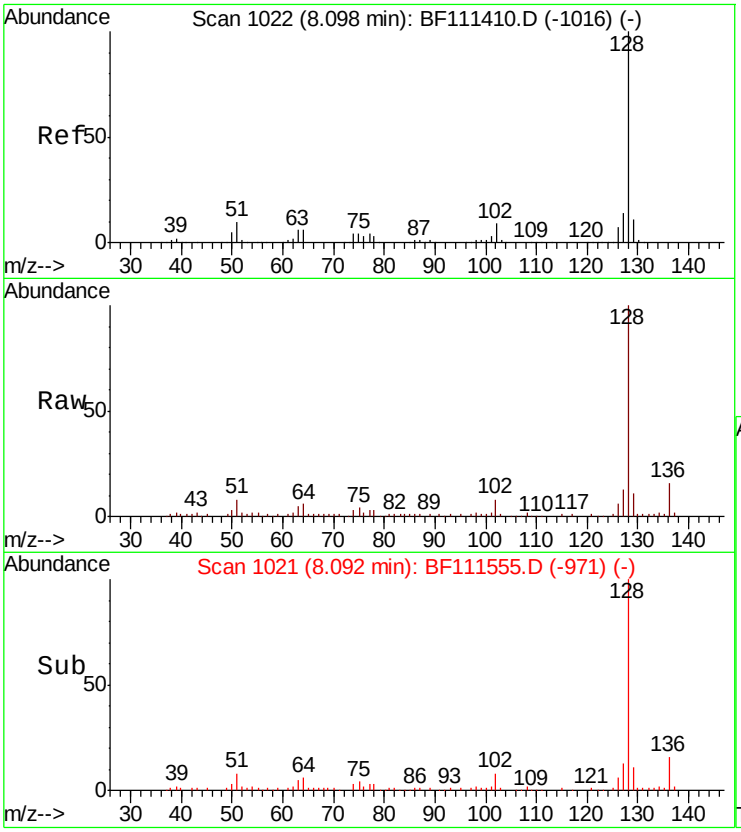


#25
Isophorone
Concen: 30.289 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Tgt Ion: 82 Resp: 677714

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	15.1	22.7#



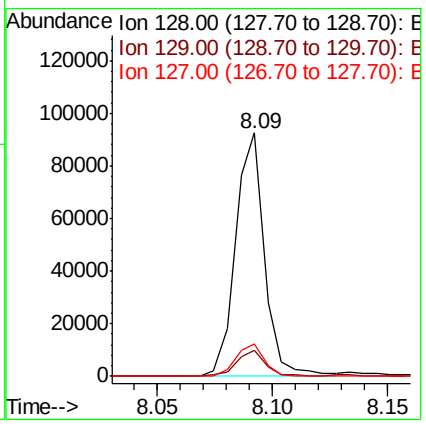


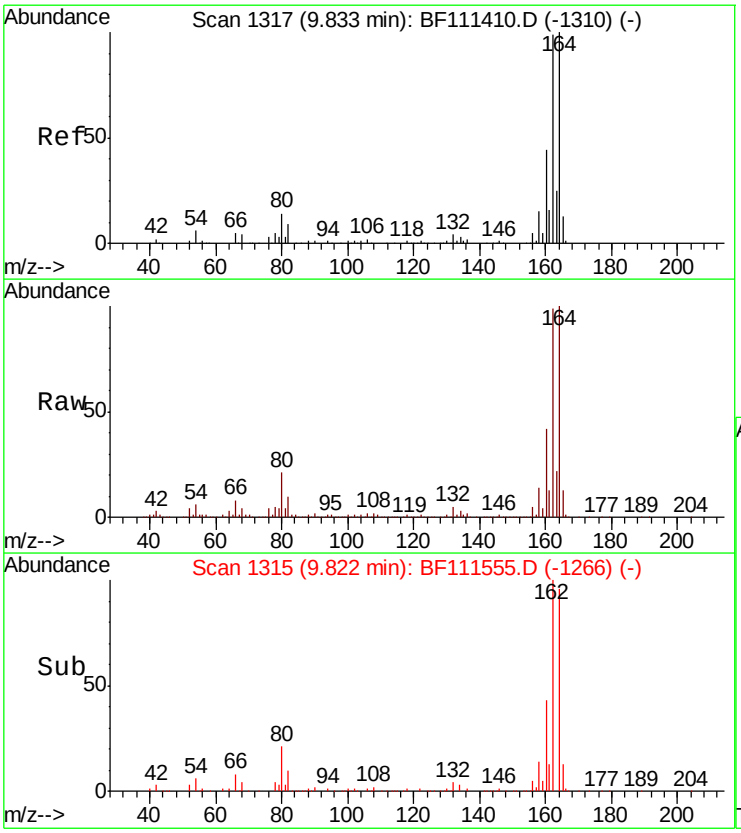
#31
Naphthalene
Concen: 2.204 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Instrument :
BNA_F
ClientSampleId :
TP-4-A

Tgt Ion:128 Resp: 81185

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.8	14.8
127	13.2	12.0	18.0

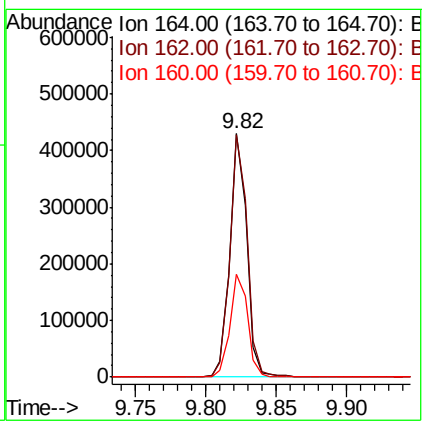


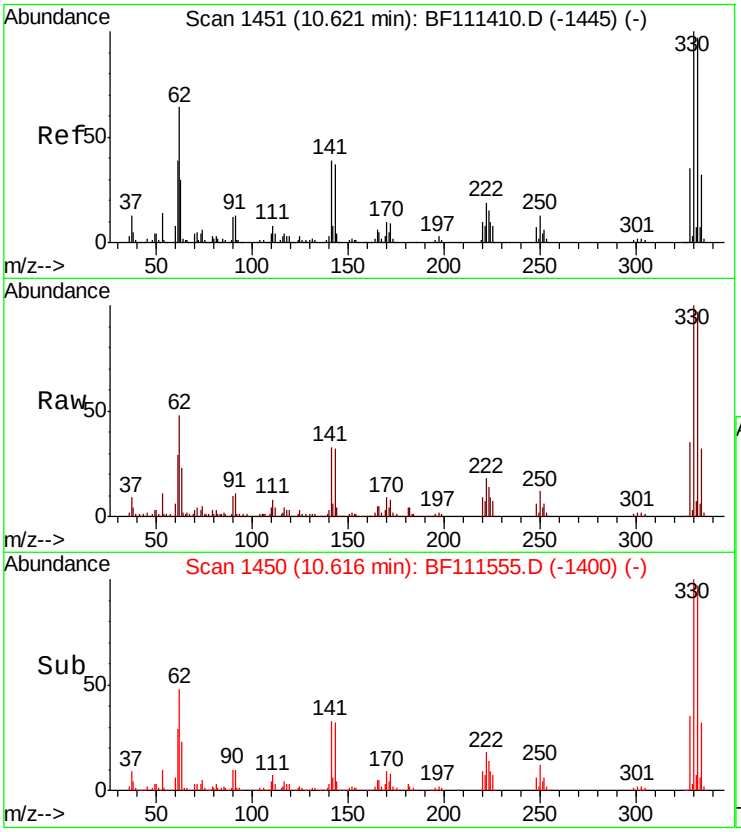


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Tgt Ion:164 Resp: 360861

Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.4	122.0
160	42.5	35.7	53.5



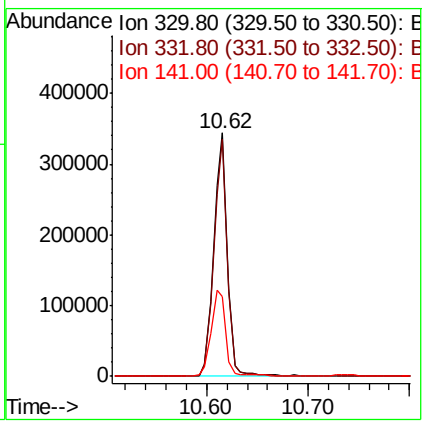


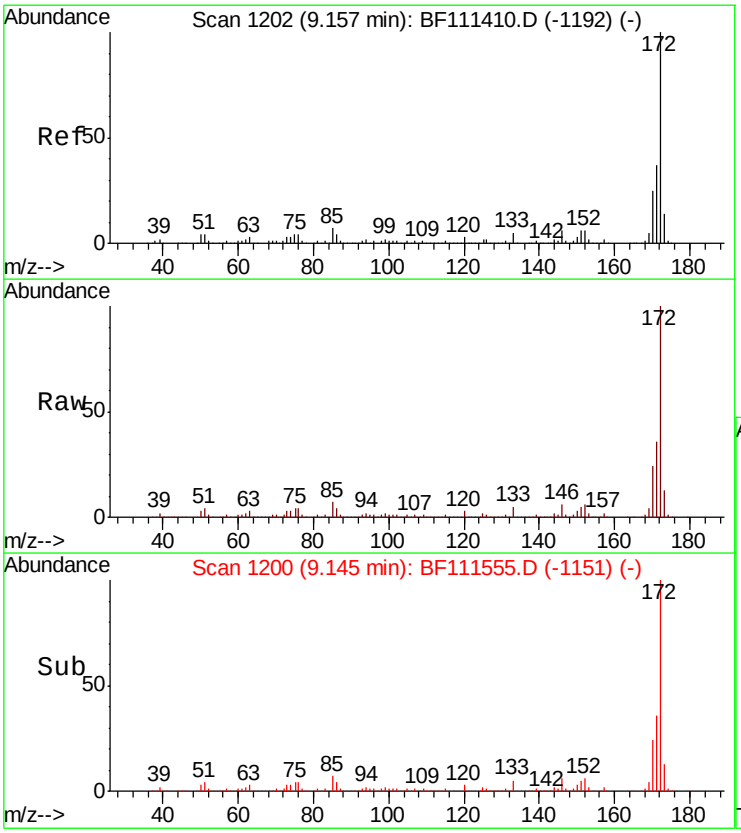
#42
2,4,6-Tribromophenol
Concen: 99.250 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Instrument :
BNA_F
ClientSampleId :
TP-4-A

Tgt Ion:330 Resp: 320831

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.0	114.0
141	37.6	31.0	46.6

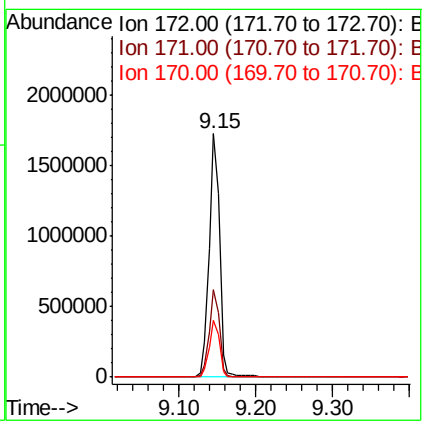


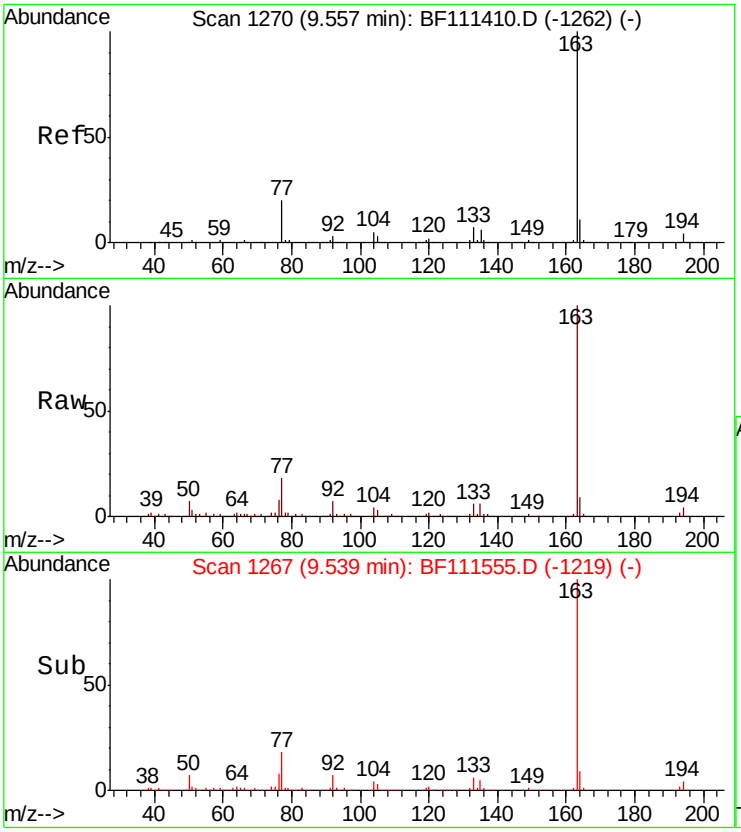


#45
2-Fluorobiphenyl
Concen: 68.921 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Tgt Ion:172 Resp: 1610154

Ion	Ratio	Lower	Upper
172	100		
171	35.7	33.0	49.4
170	23.5	22.3	33.5



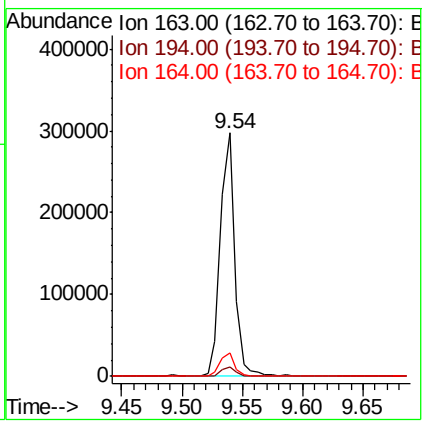


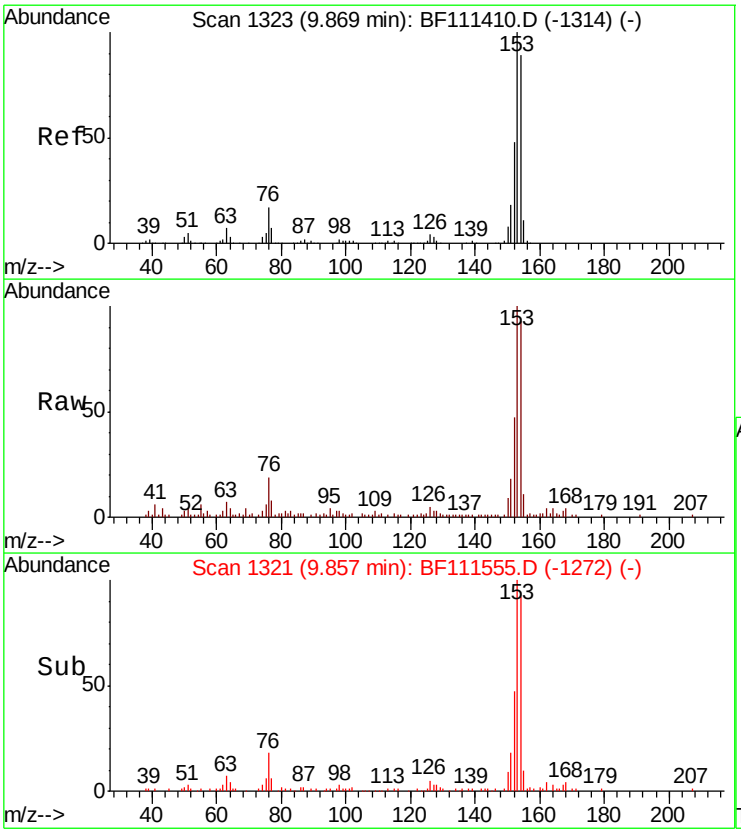
#50
Dimethylphthalate
Concen: 9.344 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Instrument :
BNA_F
ClientSampleId :
TP-4-A

Tgt Ion:163 Resp: 242841

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.4	8.9	13.3

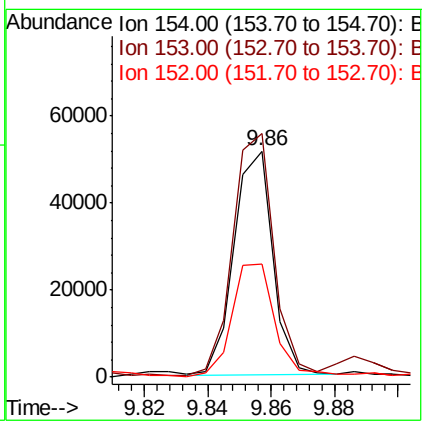


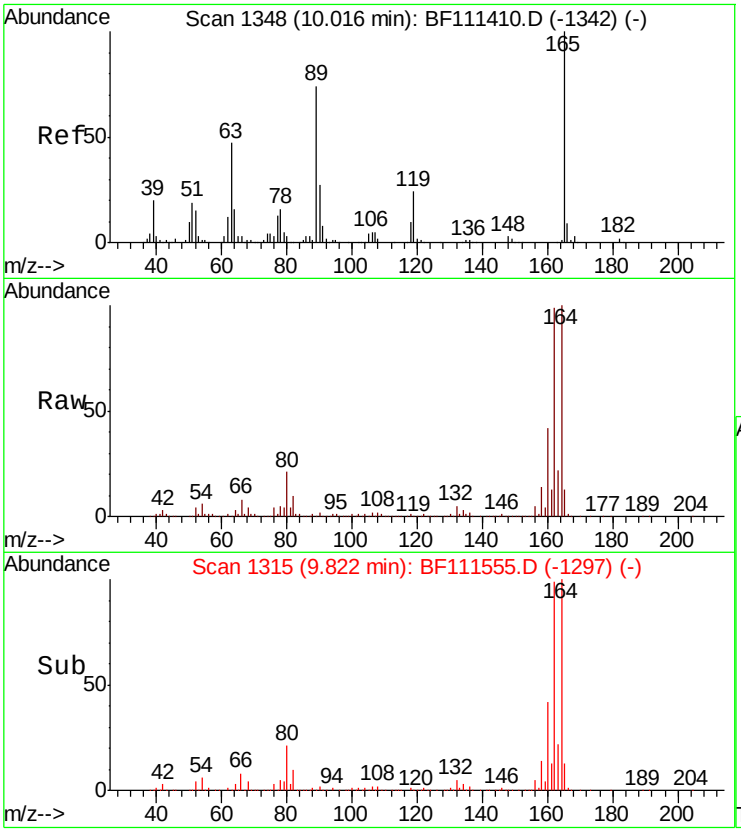


#52
Acenaphthene
Concen: 2.009 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Tgt Ion:154 Resp: 43809

Ion	Ratio	Lower	Upper
154	100		
153	107.8	87.8	131.8
152	50.2	43.4	65.2



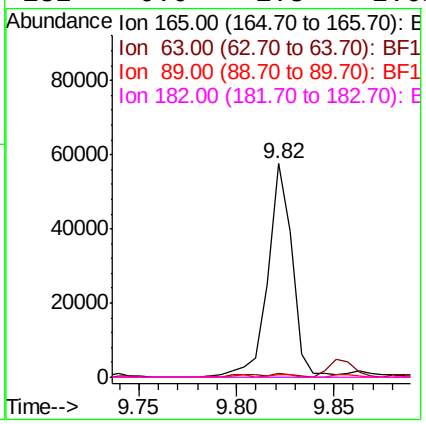


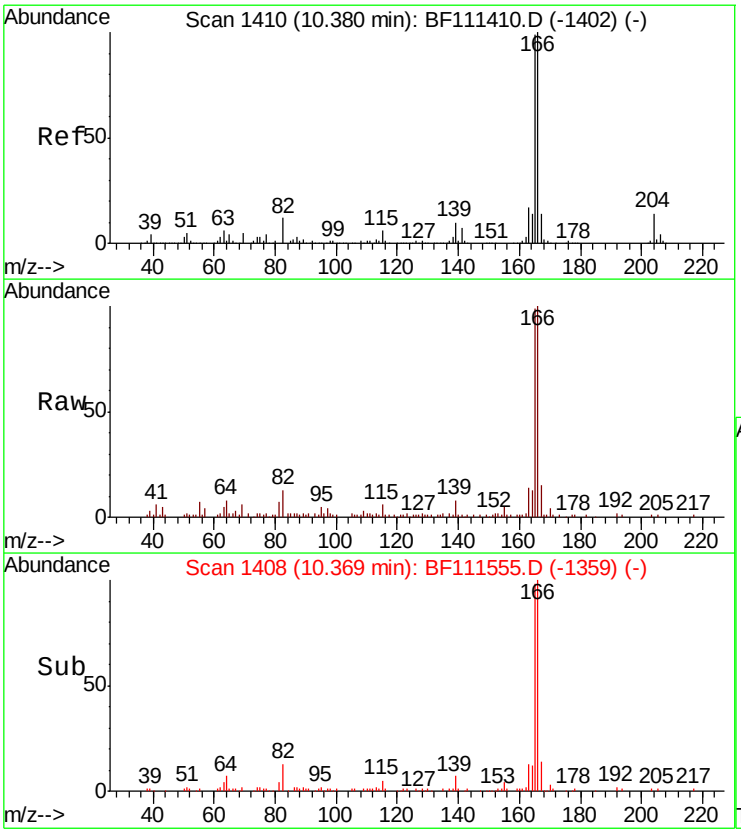
#57
2,4-Dinitrotoluene
Concen: 6.500 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Instrument :
BNA_F
ClientSampleId :
TP-4-A

Tgt Ion:165 Resp: 49909

Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.6	52.0#
89	1.1	56.2	84.4#
182	0.0	1.8	2.6#

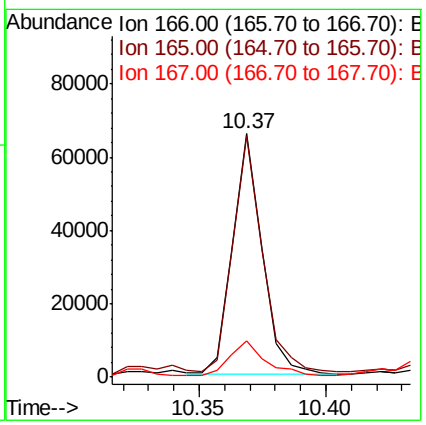


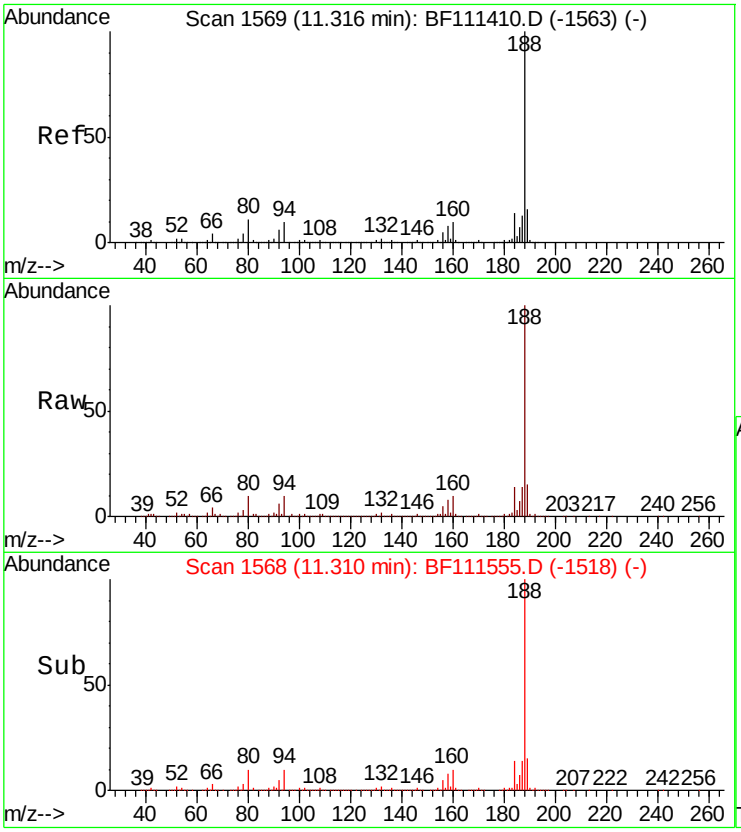


#58
Fluorene
Concen: 2.296 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Tgt Ion:166 Resp: 52719

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.4	117.6
167	14.7	11.2	16.8



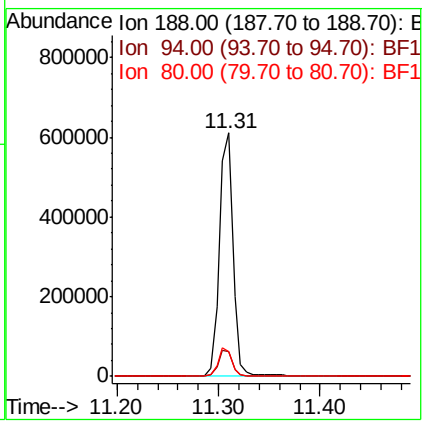


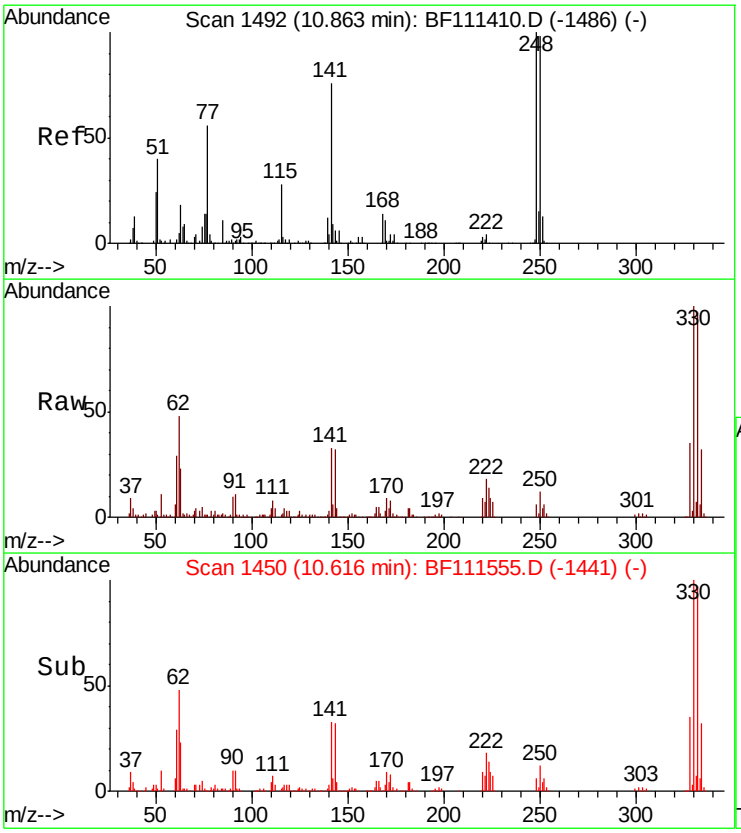
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Instrument :
BNA_F
ClientSampleId :
TP-4-A

Tgt Ion:188 Resp: 573035

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.6	14.4
80	10.3	9.8	14.6

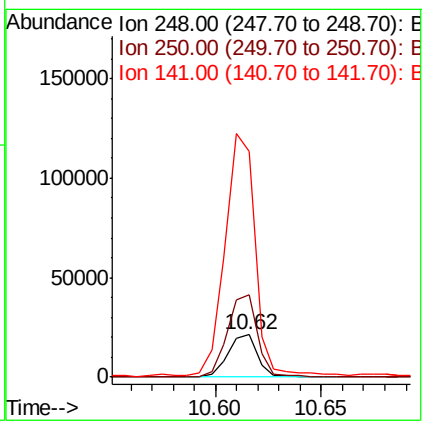


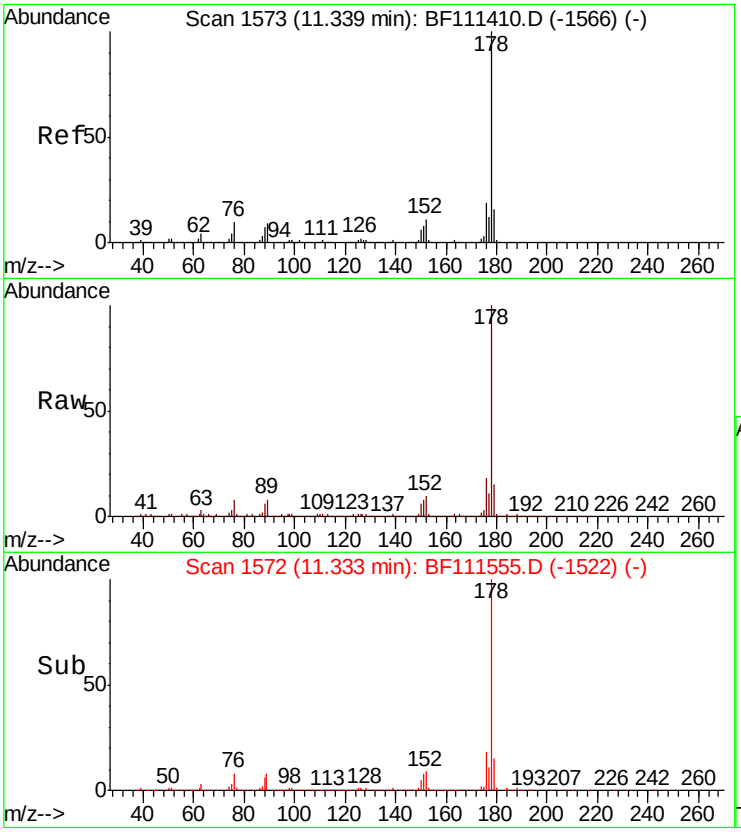


#67
4-Bromophenyl-phenylether
Concen: 3.329 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Tgt Ion:248 Resp: 20559

Ion	Ratio	Lower	Upper
248	100		
250	194.3	77.0	115.4#
141	534.7	63.0	94.6#



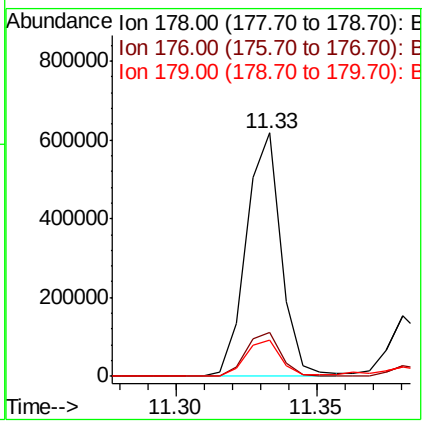


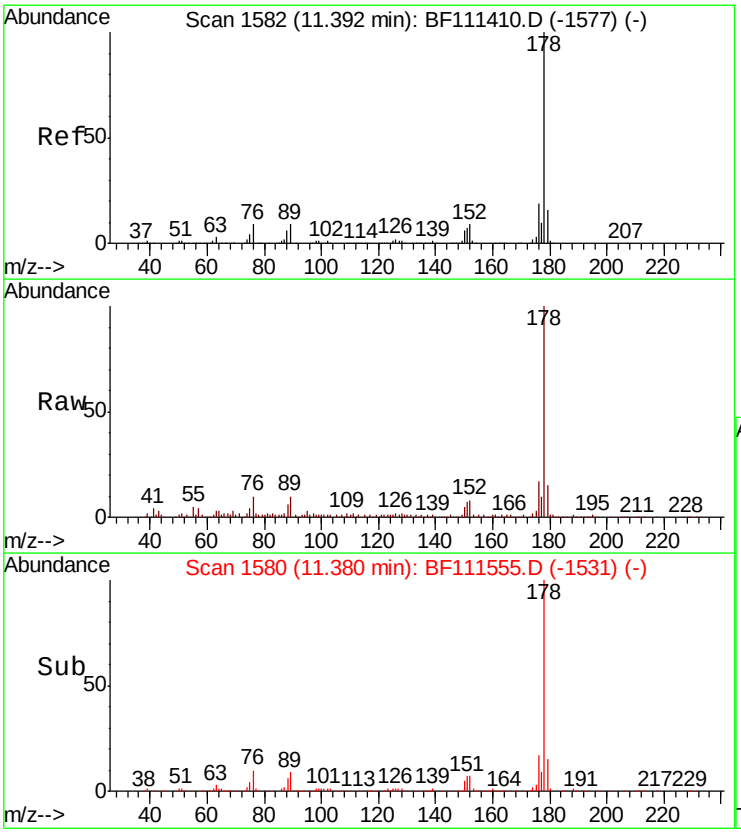
#71
Phenanthrene
Concen: 17.956 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Instrument :
BNA_F
ClientSampleId :
TP-4-A

Tgt Ion:178 Resp: 530196

Ion	Ratio	Lower	Upper
178	100		
176	18.1	18.1	27.1
179	15.1	14.0	21.0

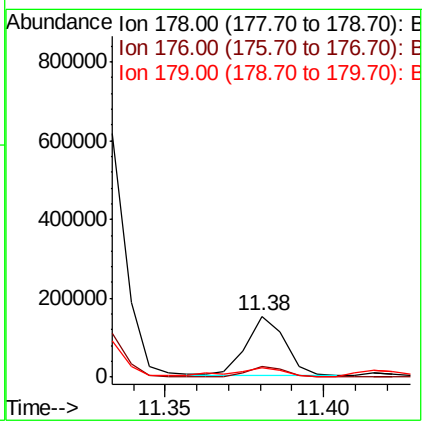


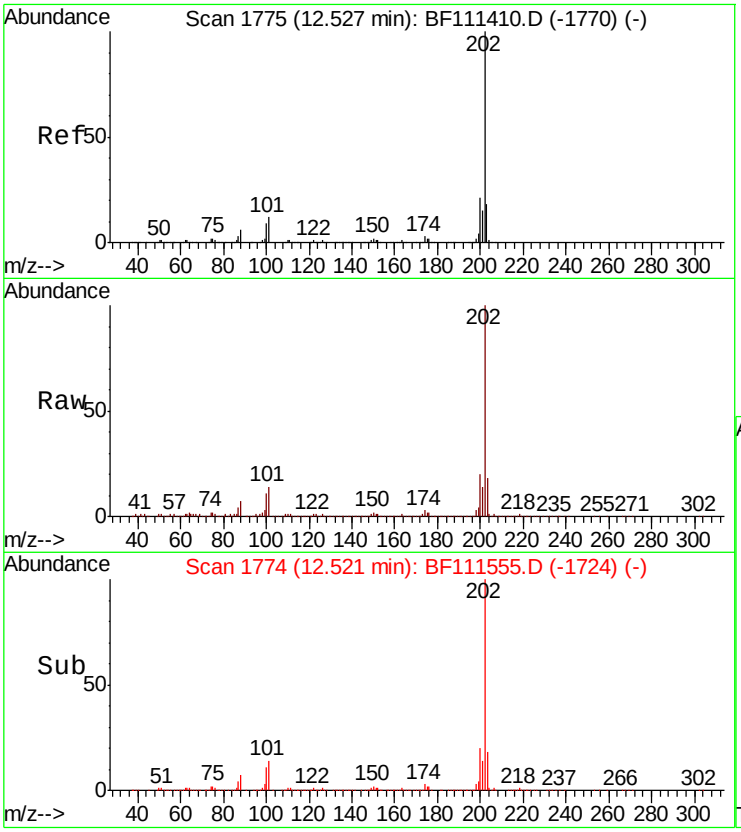


#72
Anthracene
Concen: 4.270 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Tgt Ion:178 Resp: 128948

Ion	Ratio	Lower	Upper
178	100		
176	17.2	17.2	25.8
179	15.4	13.8	20.8



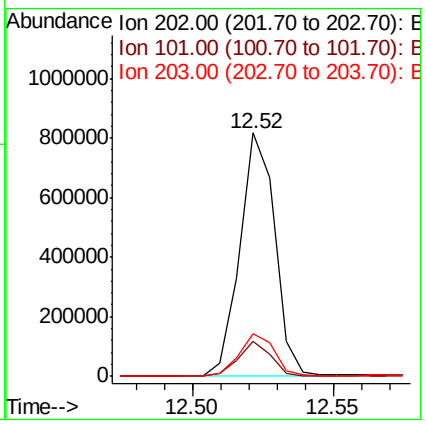


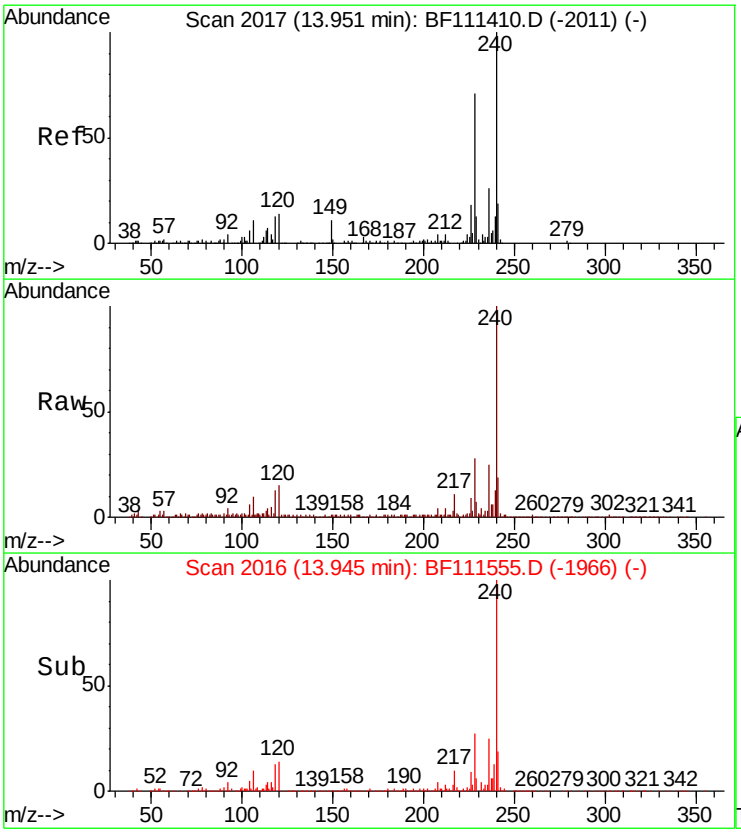
#75
Fluoranthene
Concen: 24.379 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Instrument :
BNA_F
ClientSampleId :
TP-4-A

Tgt Ion:202 Resp: 704219

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.8
203	17.6	0.0	38.6

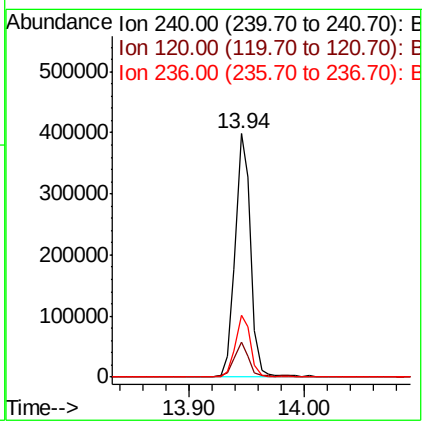


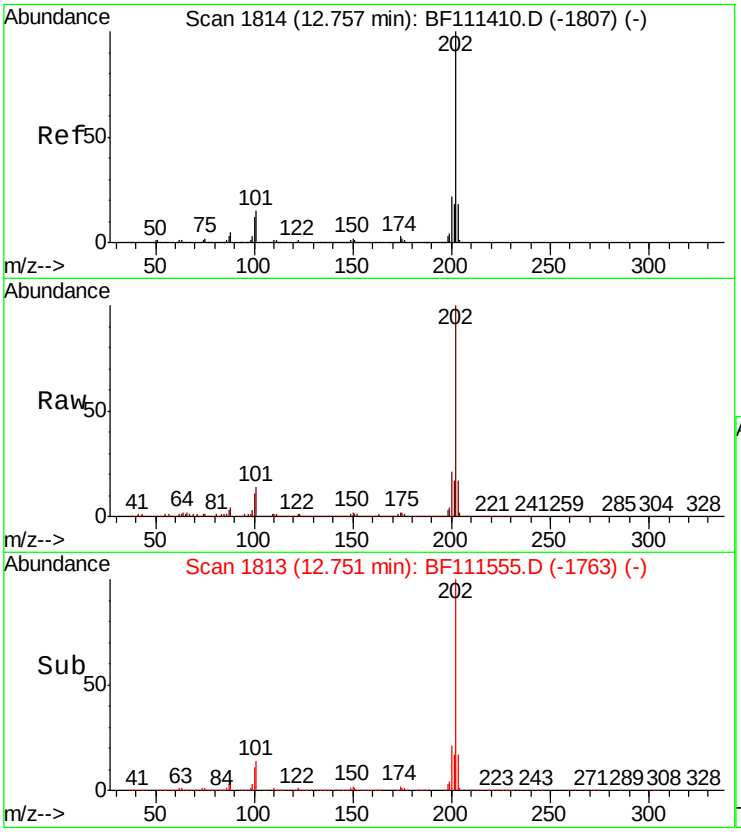


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Tgt Ion:240 Resp: 369438

Ion	Ratio	Lower	Upper
240	100		
120	14.6	12.2	18.2
236	25.4	20.2	30.2



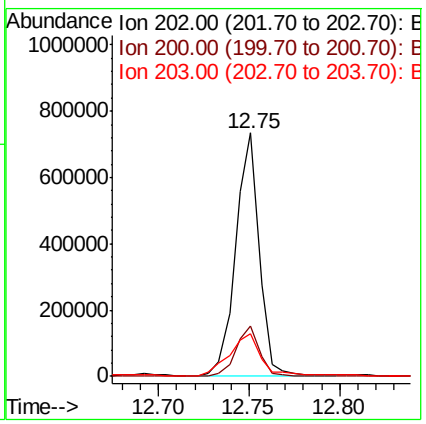


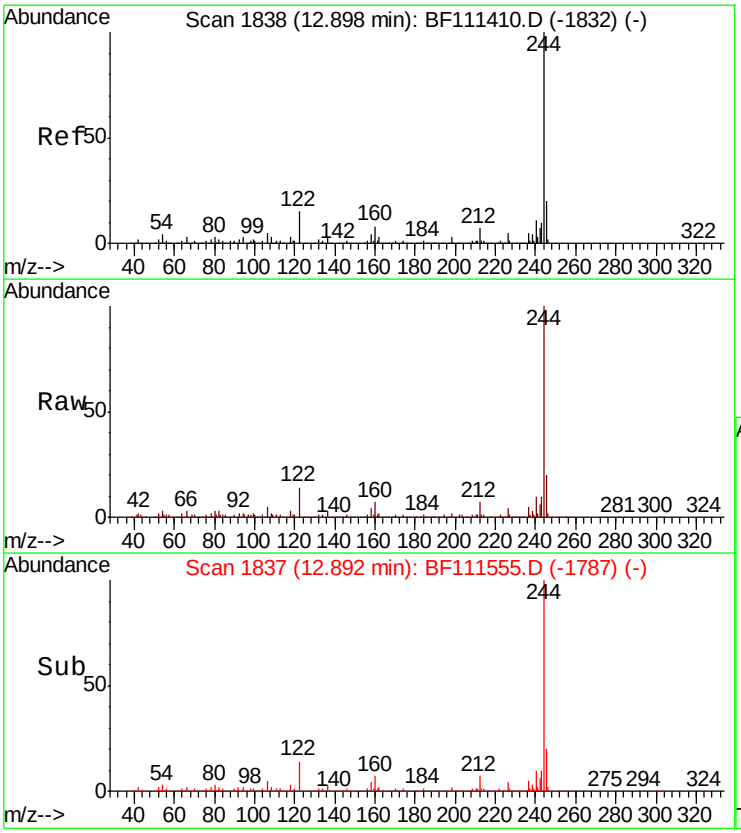
#78
Pyrene
Concen: 25.447 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Instrument :
BNA_F
ClientSampleId :
TP-4-A

Tgt Ion:202 Resp: 662817

Ion	Ratio	Lower	Upper
202	100		
200	20.7	19.0	28.4
203	17.4	15.2	22.8

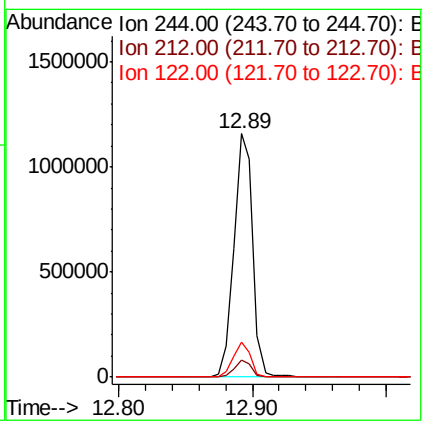


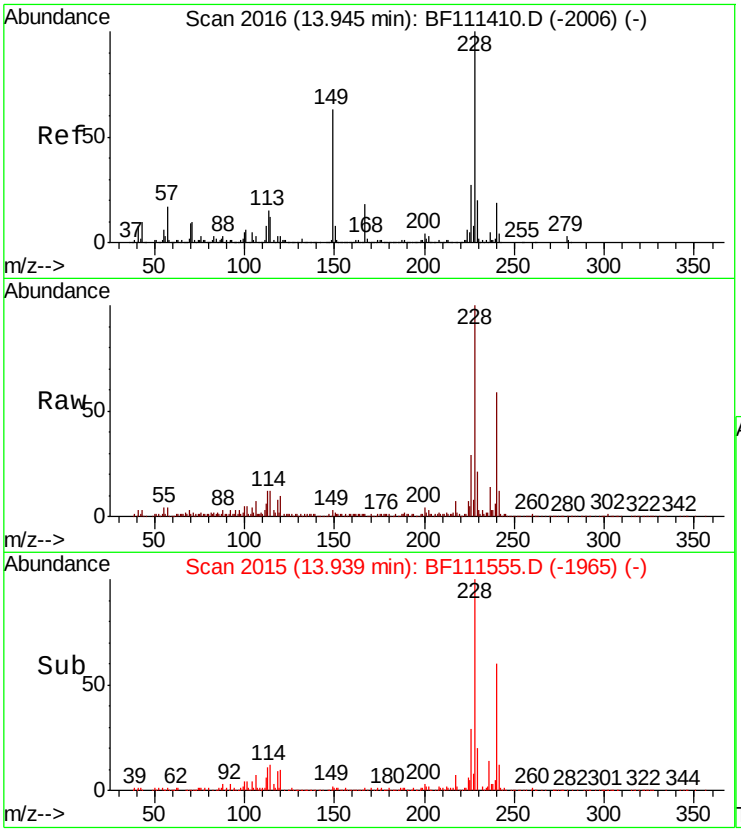


#79
Terphenyl-d14
Concen: 72.439 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Tgt Ion:244 Resp: 1139652

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	14.5	13.1	19.7



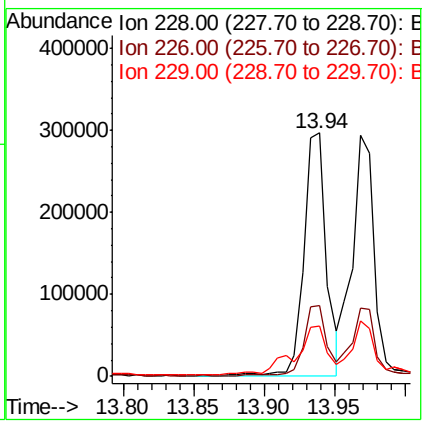


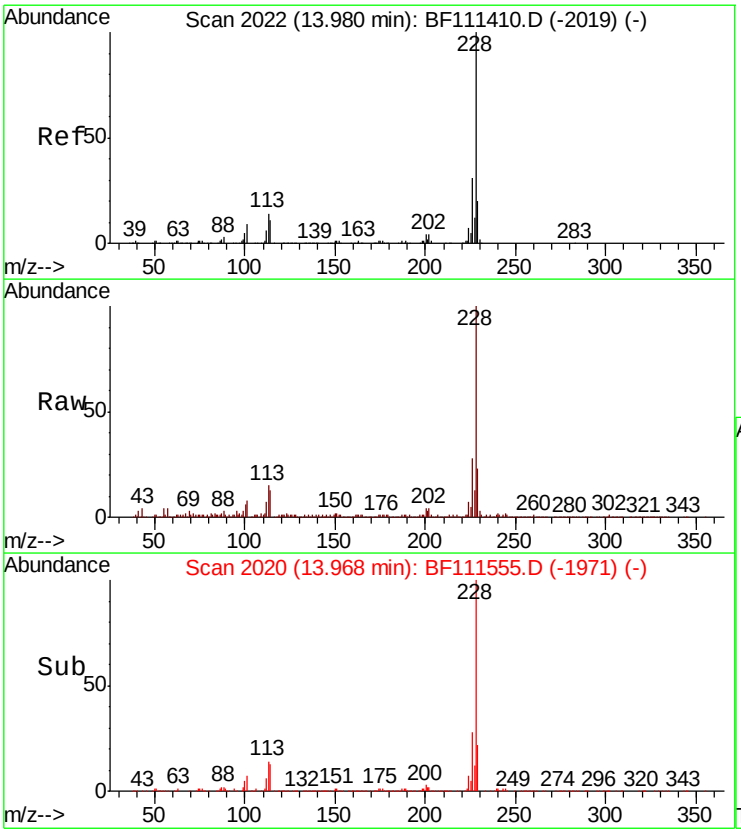
#81
Benzo(a)anthracene
Concen: 16.179 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Instrument :
BNA_F
ClientSampleId :
TP-4-A

Tgt Ion:228 Resp: 325000

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	34.0
229	20.8	16.3	24.5

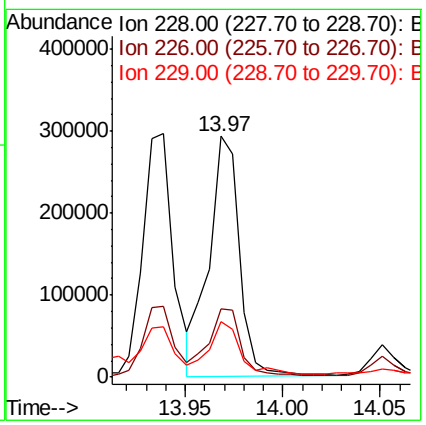


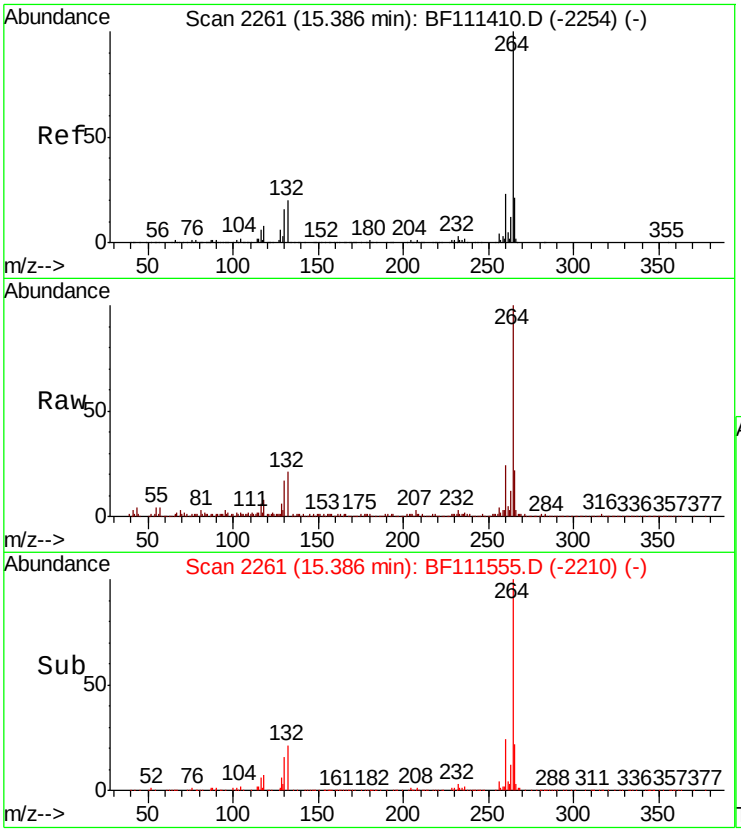


#83
Chrysene
Concen: 15.030 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Tgt Ion:228 Resp: 318046

Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.3	37.9
229	23.3	17.2	25.8



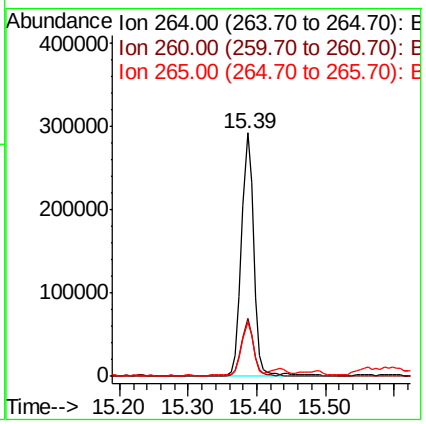


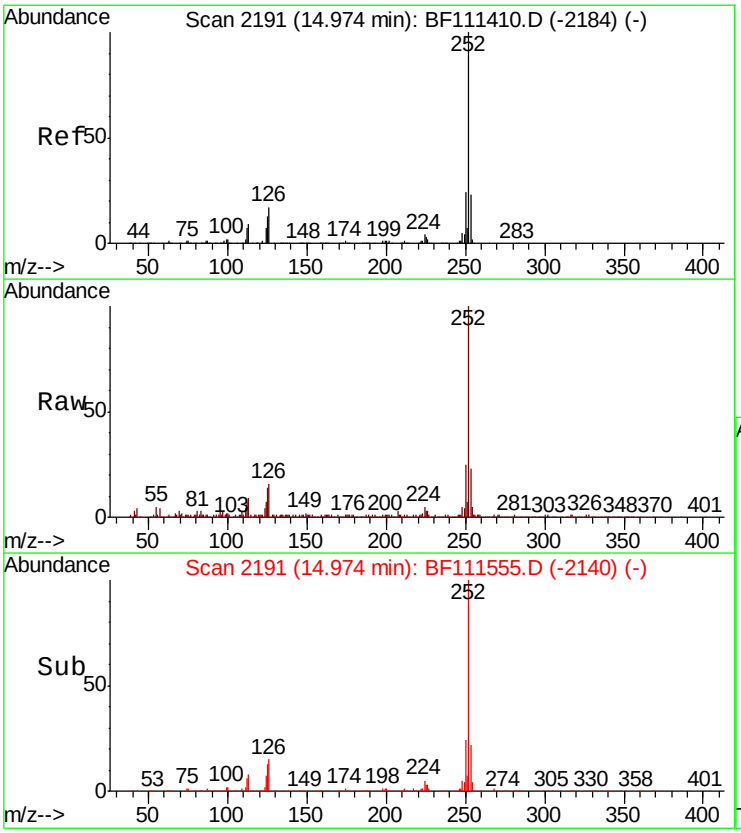
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Instrument :
BNA_F
ClientSampleId :
TP-4-A

Tgt Ion:264 Resp: 356948

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.3	27.5
265	22.0	17.7	26.5

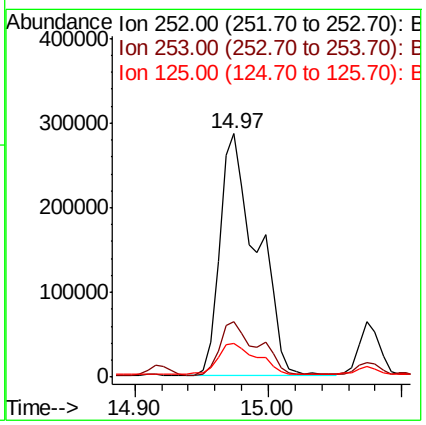


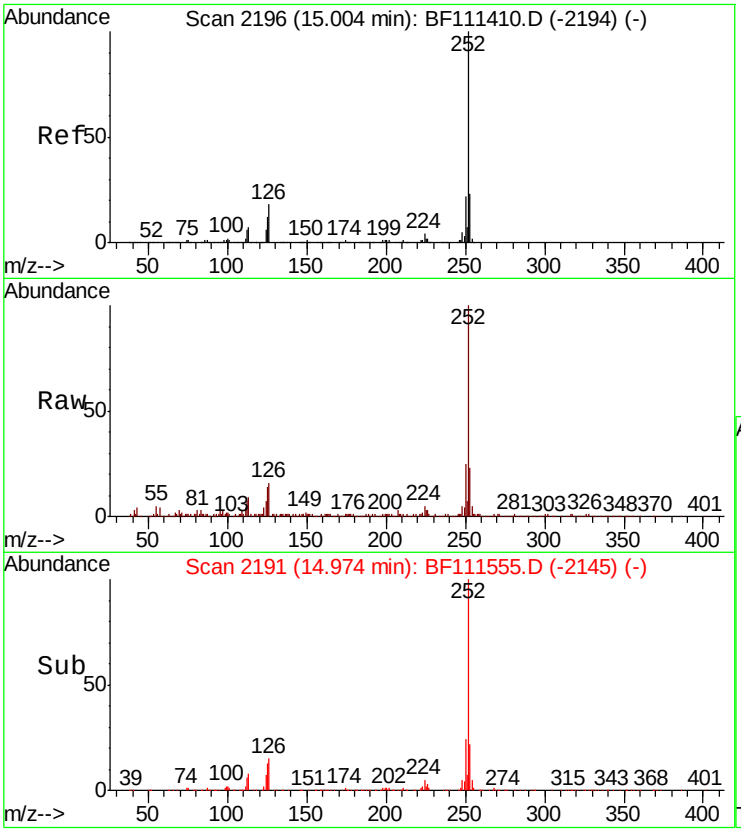


#88
Benzo(b)fluoranthene
Concen: 26.552 ng
RT: 14.97 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Tgt Ion:252 Resp: 552566

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	13.8	10.4	15.6



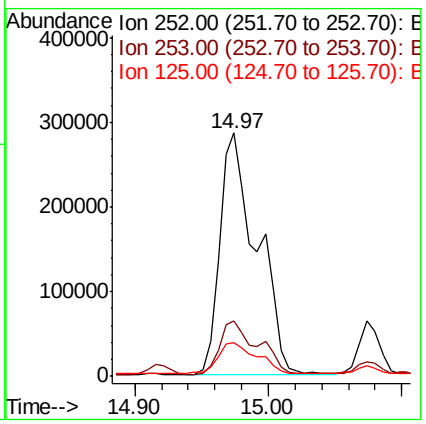


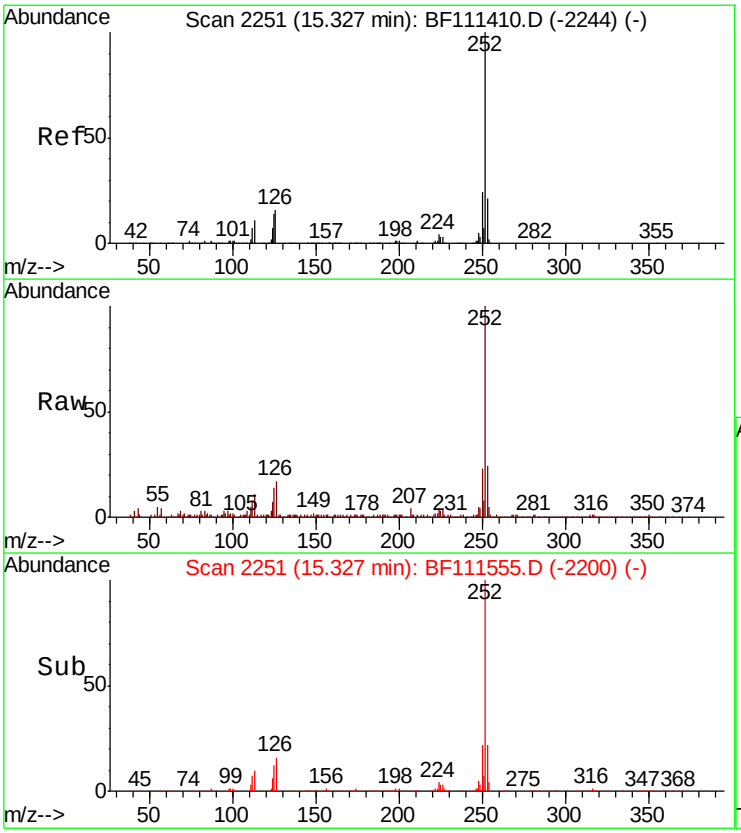
#89
Benzo(k)fluoranthene
Concen: 27.788 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.03 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Instrument :
BNA_F
ClientSampleId :
TP-4-A

Tgt Ion:252 Resp: 552566

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	13.8	9.8	14.8

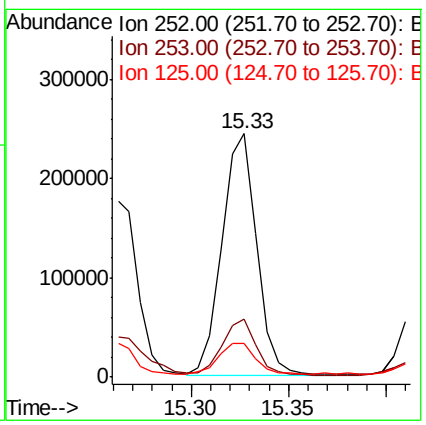


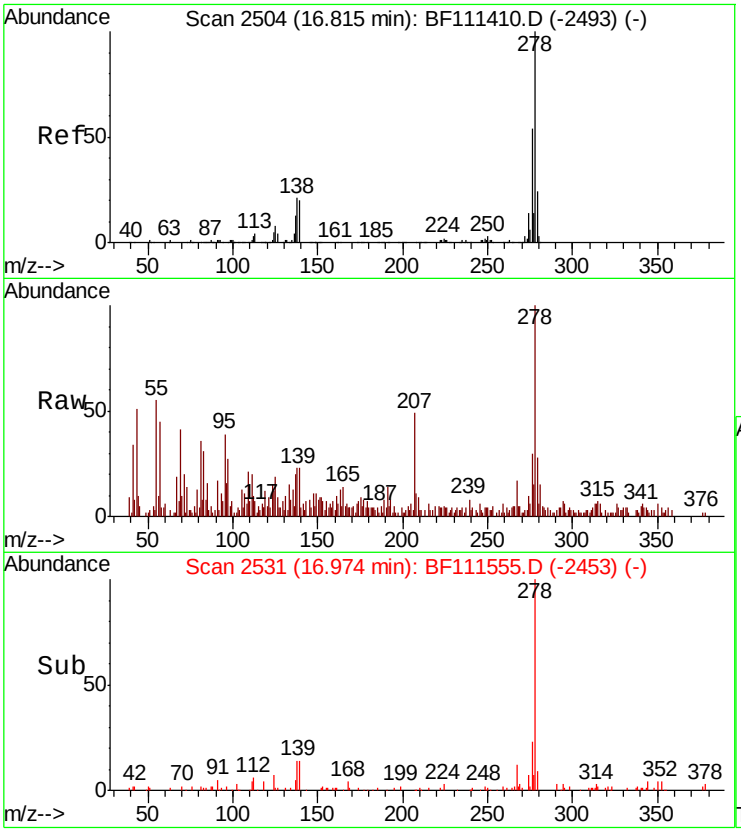


#90
Benzo(a)pyrene
Concen: 16.077 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Tgt Ion:252 Resp: 301698

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	13.9	12.3	18.5



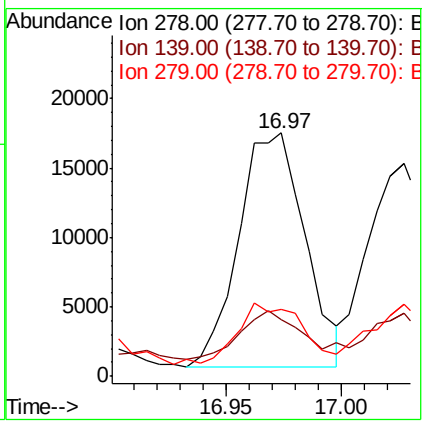


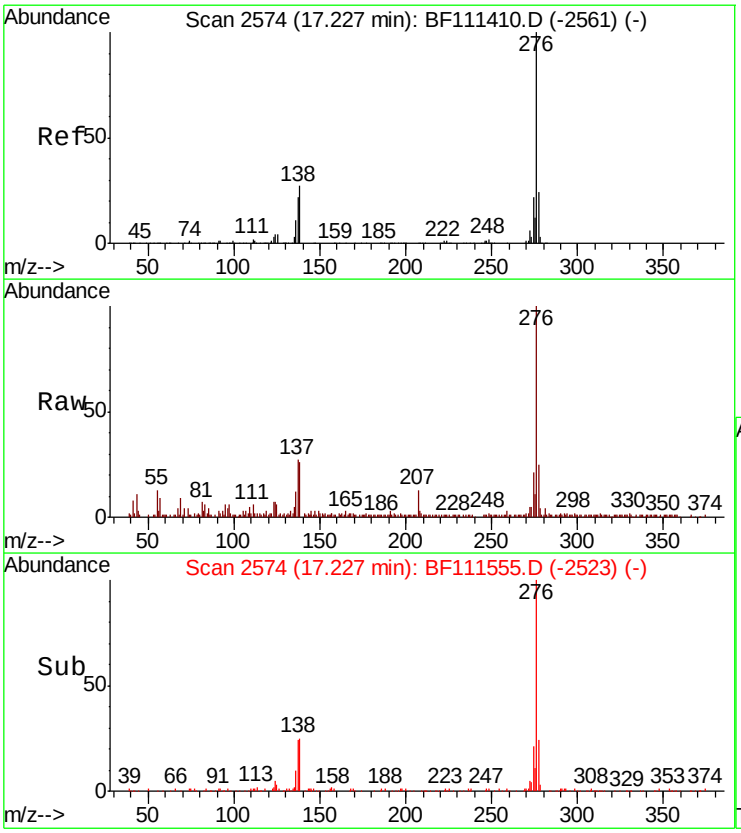
#91
Dibenzo(a,h)anthracene
Concen: 2.265 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.16 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Instrument :
BNA_F
ClientSampleId :
TP-4-A

Tgt Ion:278 Resp: 33533

Ion	Ratio	Lower	Upper
278	100		
139	23.1	18.2	27.4
279	27.7	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 9.585 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BF111555.D
Acq: 17 Dec 2018 22:45

Tgt Ion:276 Resp: 139273

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.2	28.8
138	26.0	24.9	37.3