Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115513.D
Acq On : 11 Jul 2019 23:48
Operator : HP/JU
Sample : K3740-04 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 12 03:17:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	153942	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	600871	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	284504	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	478146	20.00	ng		0.00
76) Chrysene-d12	14.06	240	366111	20.00	ng		0.00
87) Perylene-d12	15.54	264	325250	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	447583	44.92	ng		-0.01
7) Phenol-d6	6.52	99	604125	47.67	ng		0.00
23) Nitrobenzene-d5	7.45	82	358548	35.26	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	108472	34.48	ng		-0.01
45) 2-Fluorobiphenyl	9.25	172	706541	43.58	ng		0.00
79) Terphenyl-d14	13.00	244	662308	37.04	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.44	77	1120	Below Cal			84
19) n-Nitroso-di-n-propylamine	7.45	70	47095	5.493	ng	#	77
25) Isophorone	7.45	82	354350	16.075	ng	#	64
50) Dimethylphthalate	9.64	163	174281	8.162	ng		99
52) Acenaphthene	9.96	154	79463	4.511	ng		99
55) Dibenzofuran	10.13	168	49910	2.012	ng		96
58) Fluorene	10.48	166	78594	4.018	ng		100
65) 4,6-Dinitro-2-methylphenol	10.72	198	140	7.869	ng	#	1
71) Phenanthrene	11.44	178	766931	30.498	ng		98
72) Anthracene	11.49	178	234277	9.291	ng		98
73) Carbazole	11.64	167	79998	3.468	ng		100
75) Fluoranthene	12.63	202	1177281	44.463	ng		99
78) Pyrene	12.86	202	1087691	38.204	ng		100
81) Benzo(a)anthracene	14.05	228	624799	26.635	ng		98
83) Chrysene	14.09	228	536629	22.264	ng		96
86) Indeno(1,2,3-cd)pyrene	17.03	276	216608	5.845	ng		93
88) Benzo(b)fluoranthene	15.11	252	817239	38.591	ng		97
89) Benzo(k)fluoranthene	15.11	252	817239	43.393	ng		98
90) Benzo(a)pyrene	15.48	252	409246	22.406	ng		96
91) Dibenzo(a,h)anthracene	17.04	278	57565	3.688	ng	#	87
92) Benzo(g,h,i)perylene	17.48	276	194519	13.167	ng		98

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

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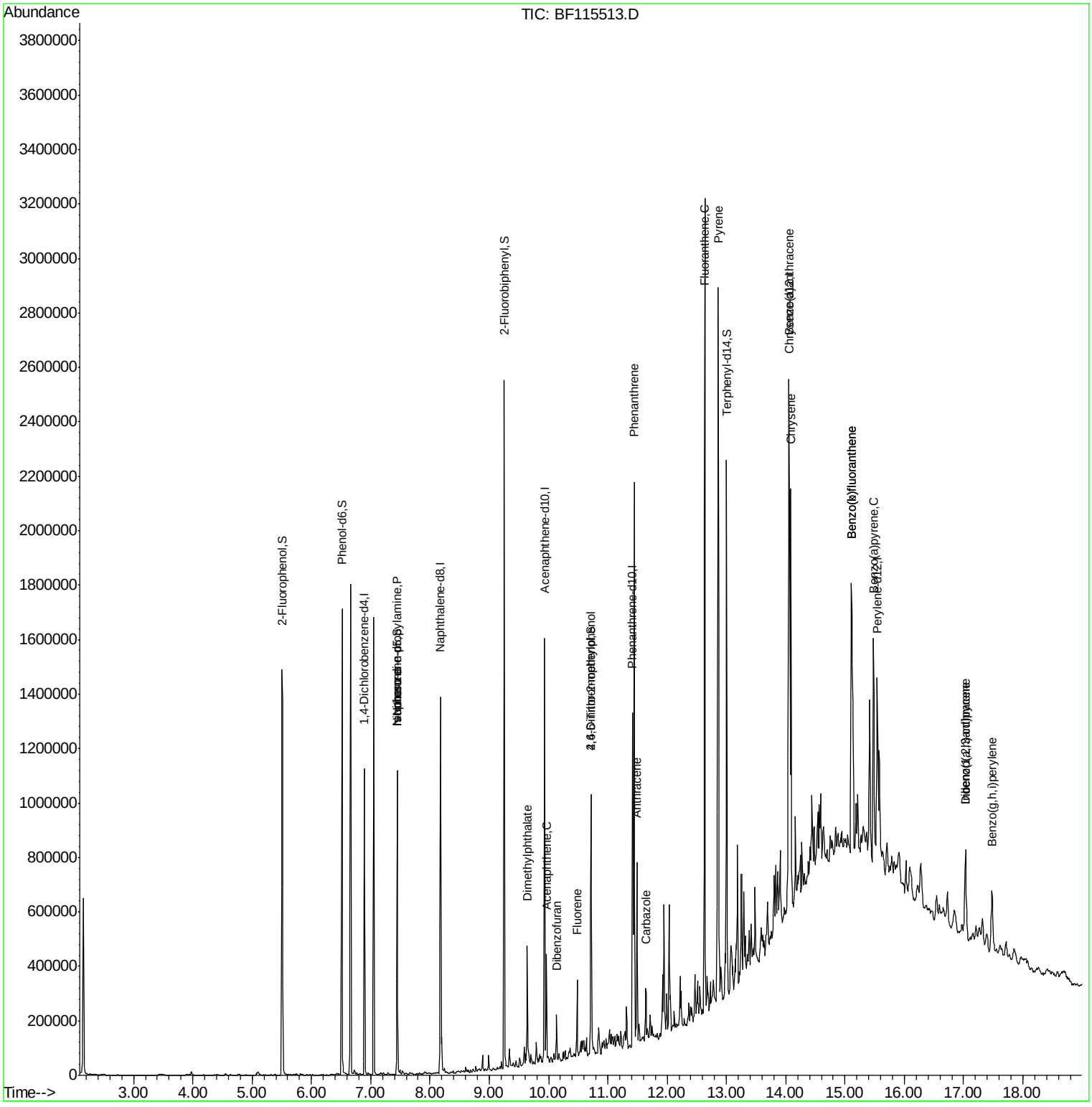
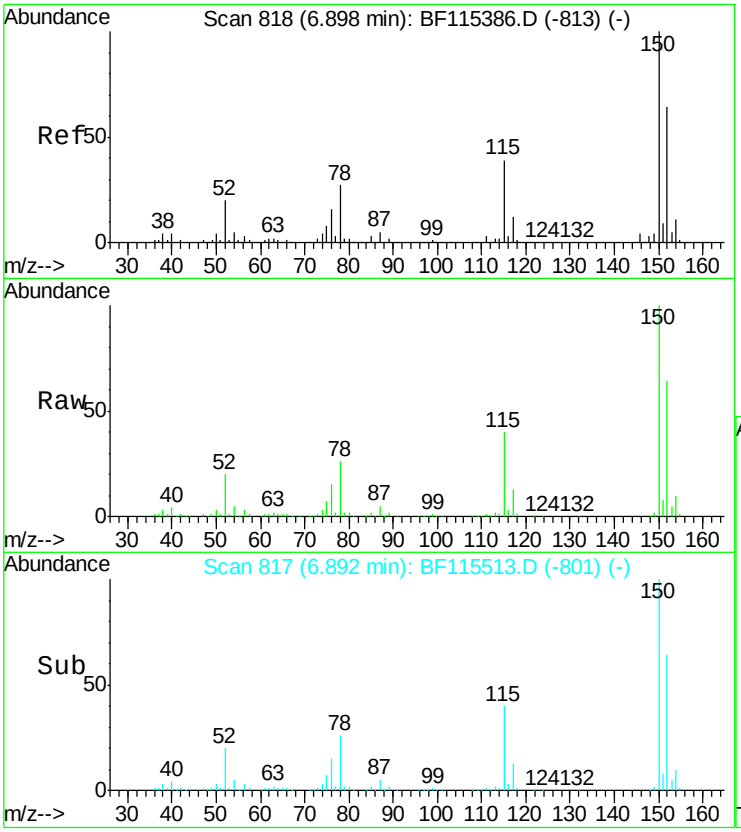


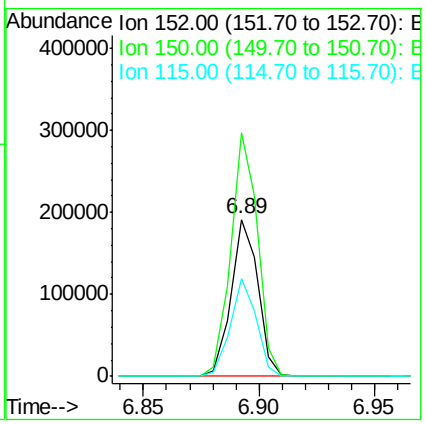


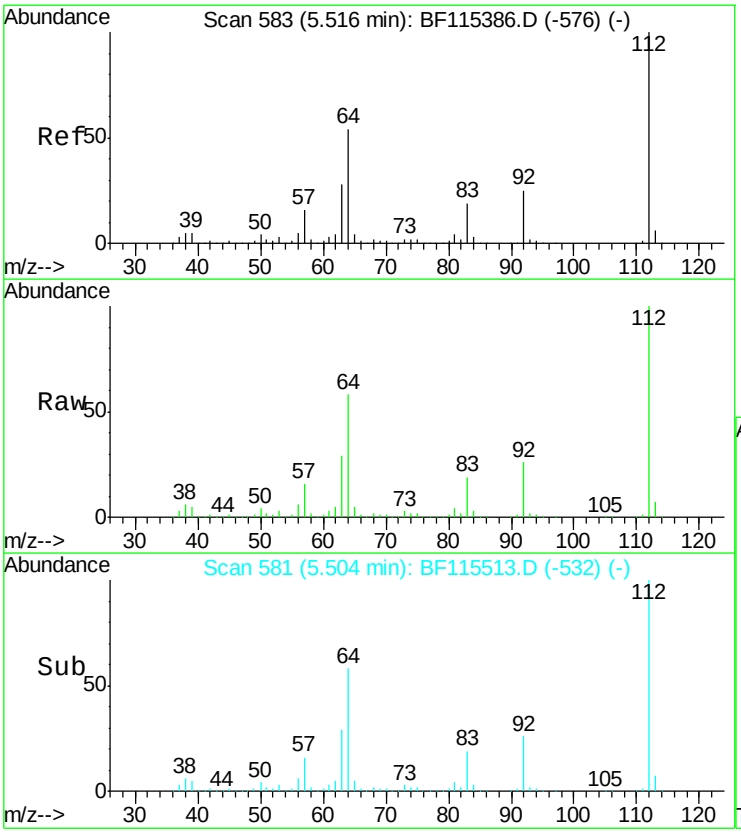
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 153942

Ion	Ratio	Lower	Upper
152	100		
150	155.2	127.4	191.2
115	62.3	46.2	69.4

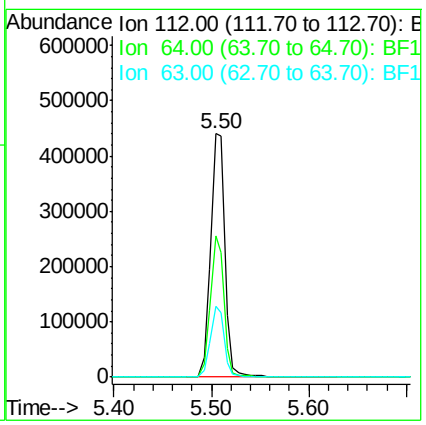


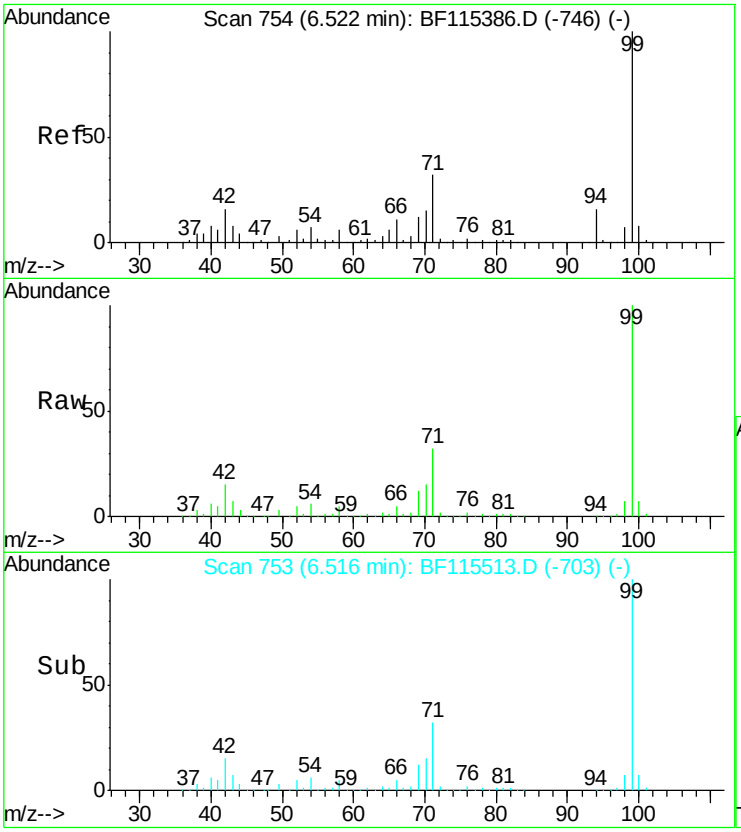


#5
2-Fluorophenol
Concen: 44.921 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Tgt Ion:112 Resp: 447583

Ion	Ratio	Lower	Upper
112	100		
64	57.8	44.2	66.2
63	29.2	22.1	33.1



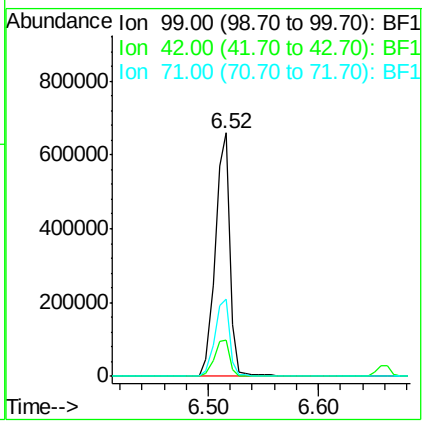


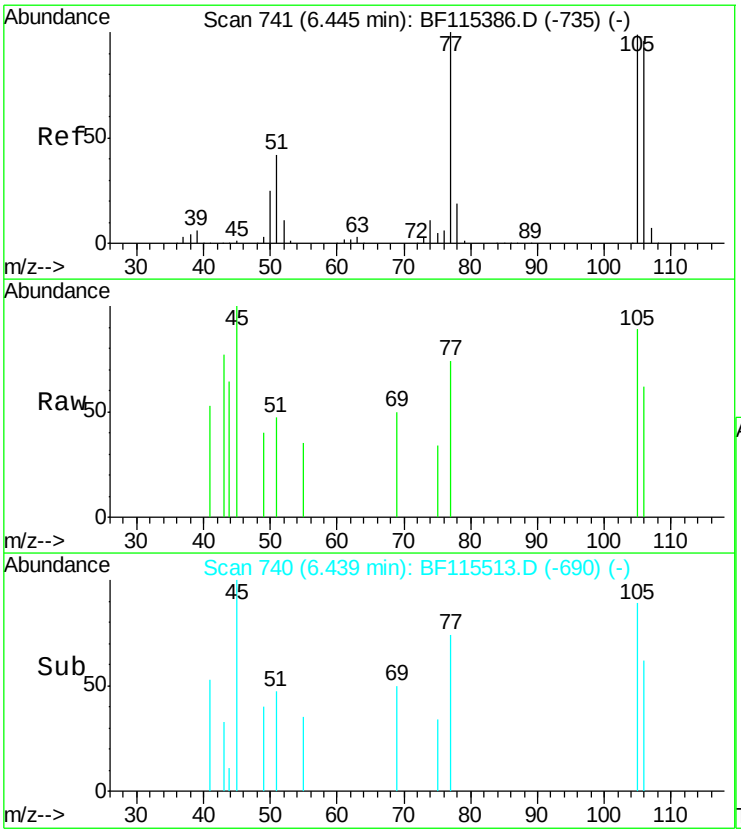
#7
Phenol-d6
Concen: 47.675 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 604125

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.8	19.2
71	32.0	26.5	39.7

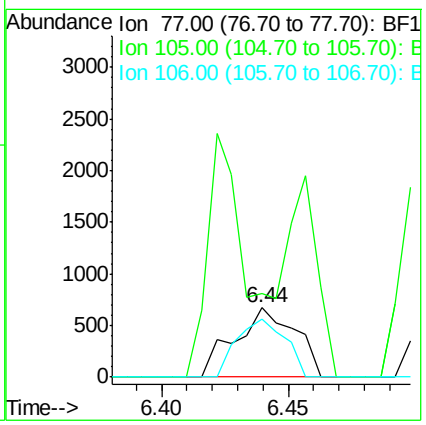


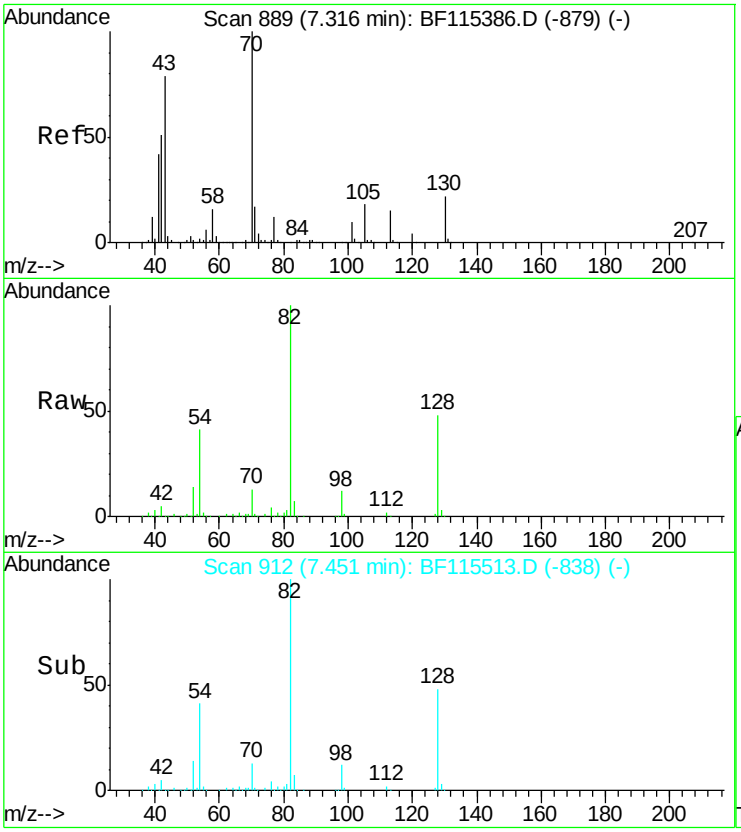


#9
Benzaldehyde
Concen: Below Cal
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Tgt Ion: 77 Resp: 1120

Ion	Ratio	Lower	Upper
77	100		
105	120.0	82.9	122.9
106	83.5	77.8	117.8



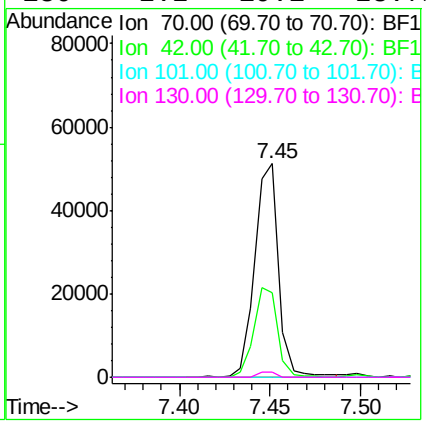


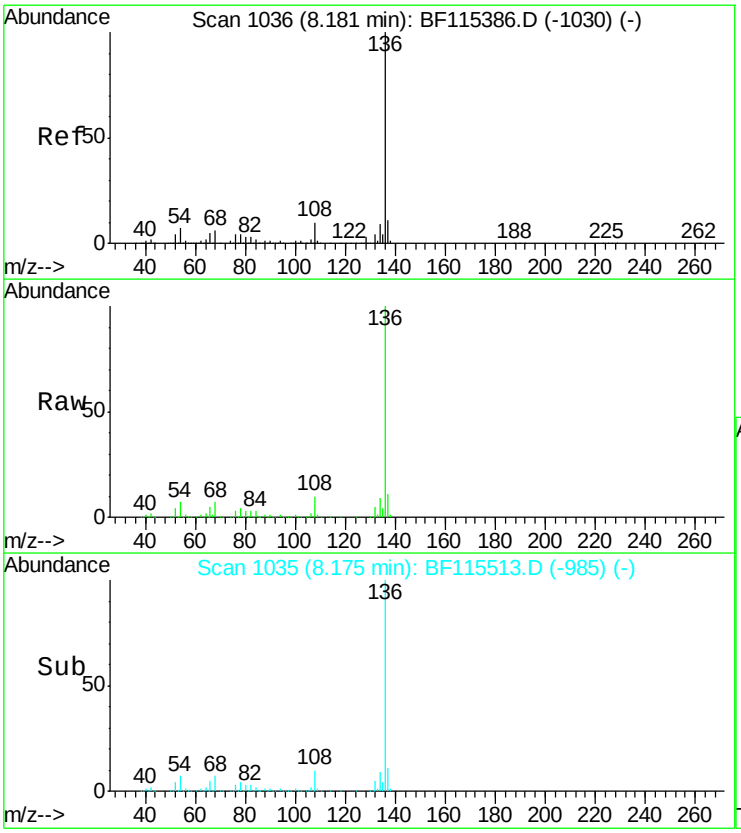
#19
n-Nitroso-di-n-propylamine
Concen: 5.493 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 47095

Ion	Ratio	Lower	Upper
70	100		
42	39.7	38.5	57.7
101	0.0	8.0	12.0#
130	2.2	19.1	28.7#

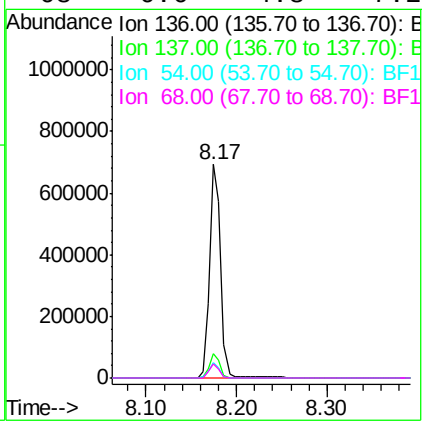


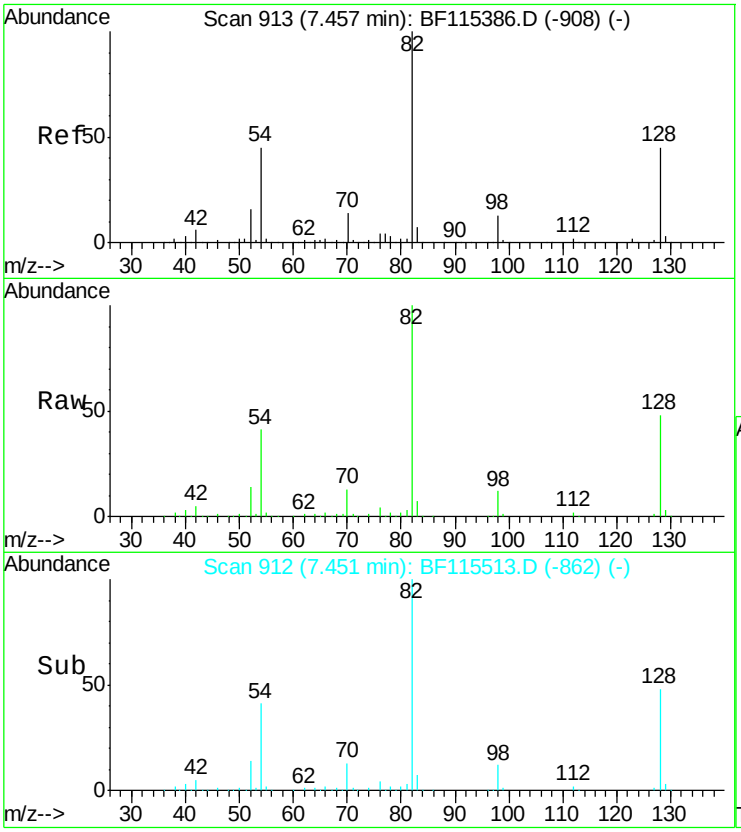


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Tgt Ion:136 Resp: 600871

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.3	5.4	8.0
68	6.6	4.8	7.2



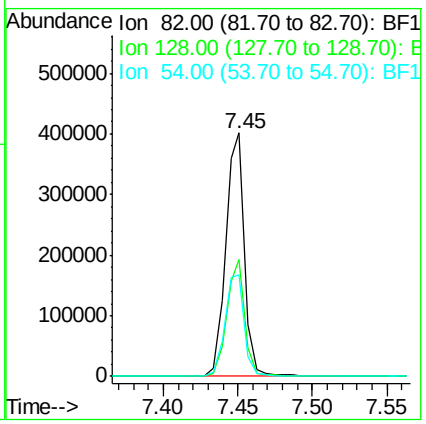


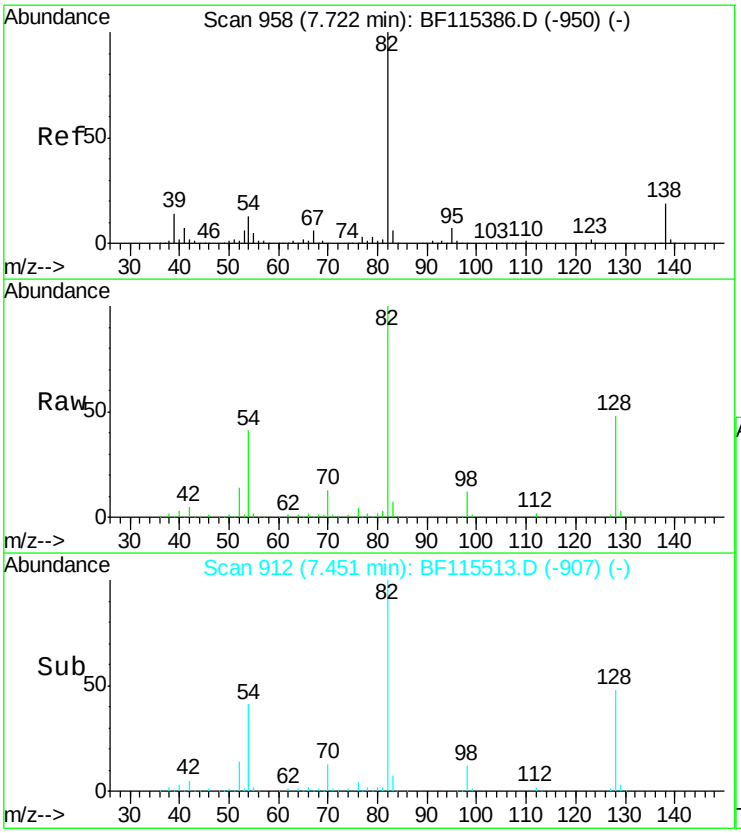
#23
Nitrobenzene-d5
Concen: 35.256 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 358548

Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.7	55.1
54	41.5	35.6	53.4

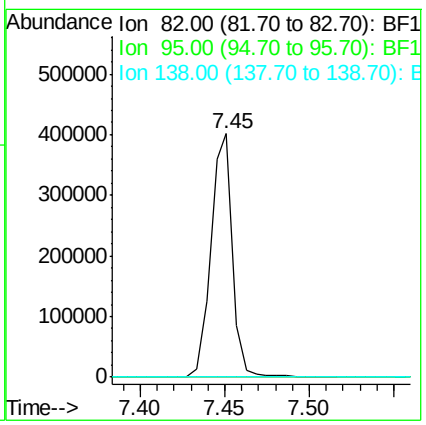


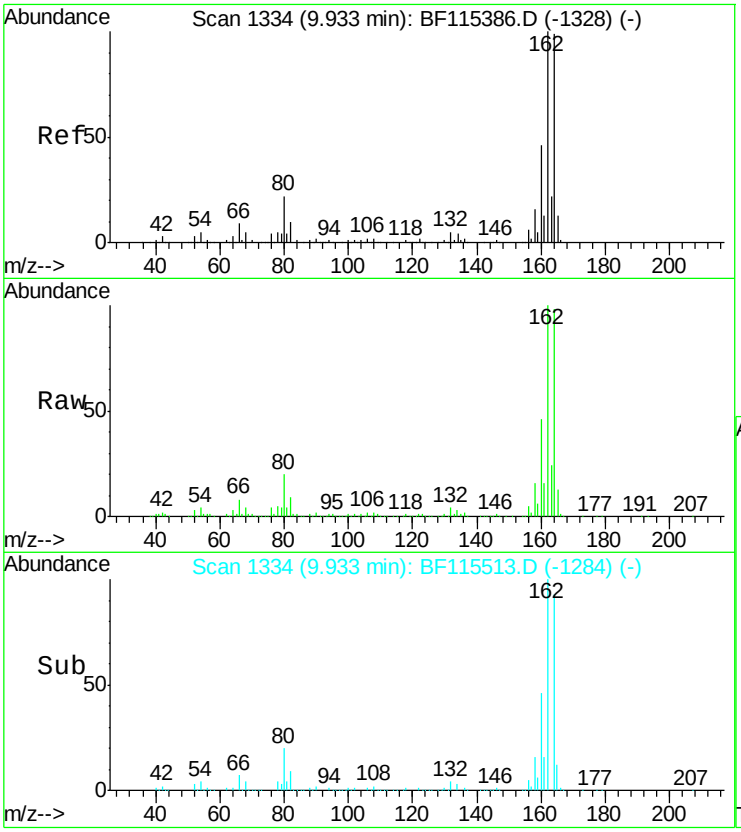


#25
Isophorone
Concen: 16.075 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.27 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Tgt Ion: 82 Resp: 354350

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



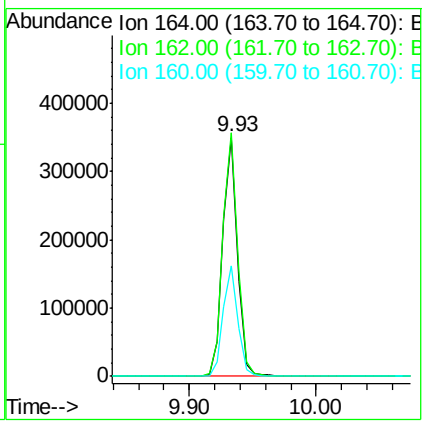


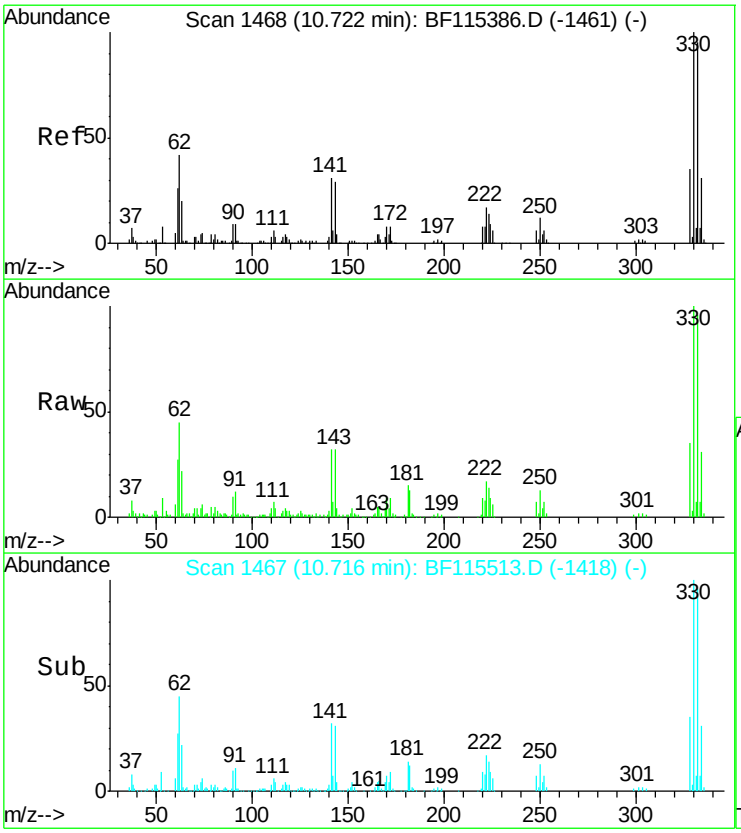
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 284504

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.3	123.5
160	46.5	37.2	55.8

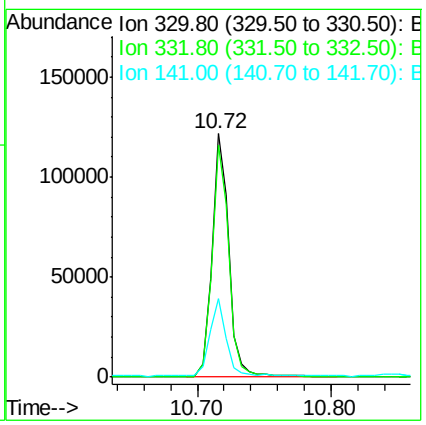


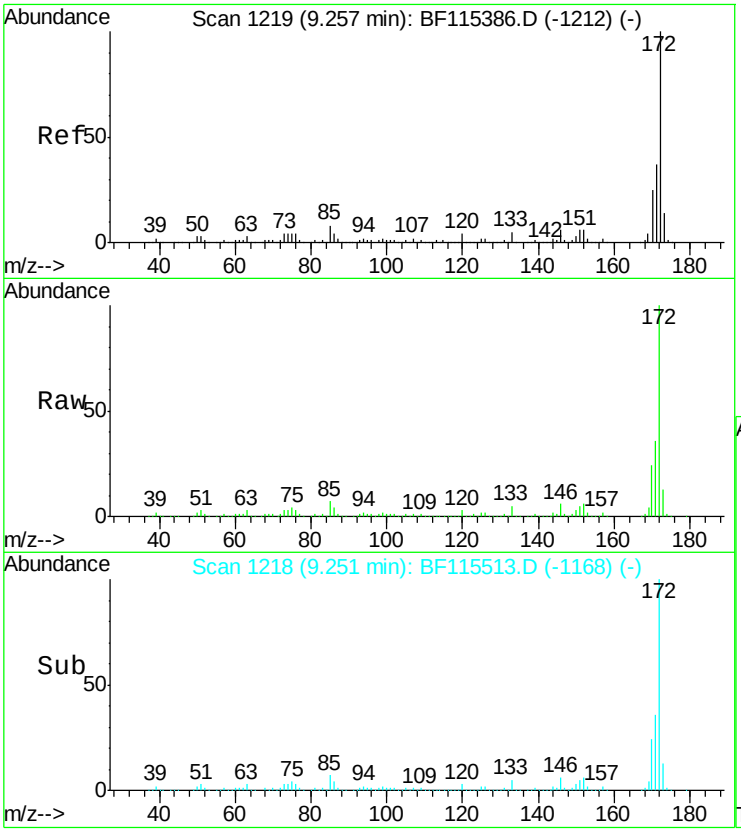


#42
2,4,6-Tribromophenol
Concen: 34.483 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Tgt Ion:330 Resp: 108472

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.0
141	31.3	24.7	37.1



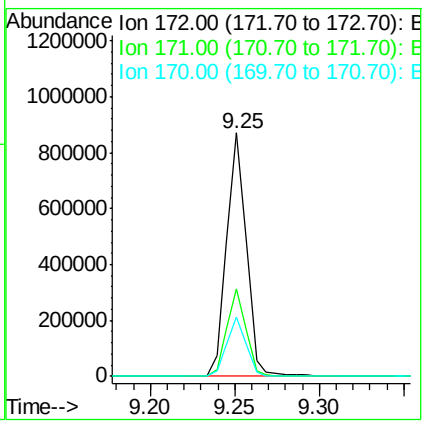


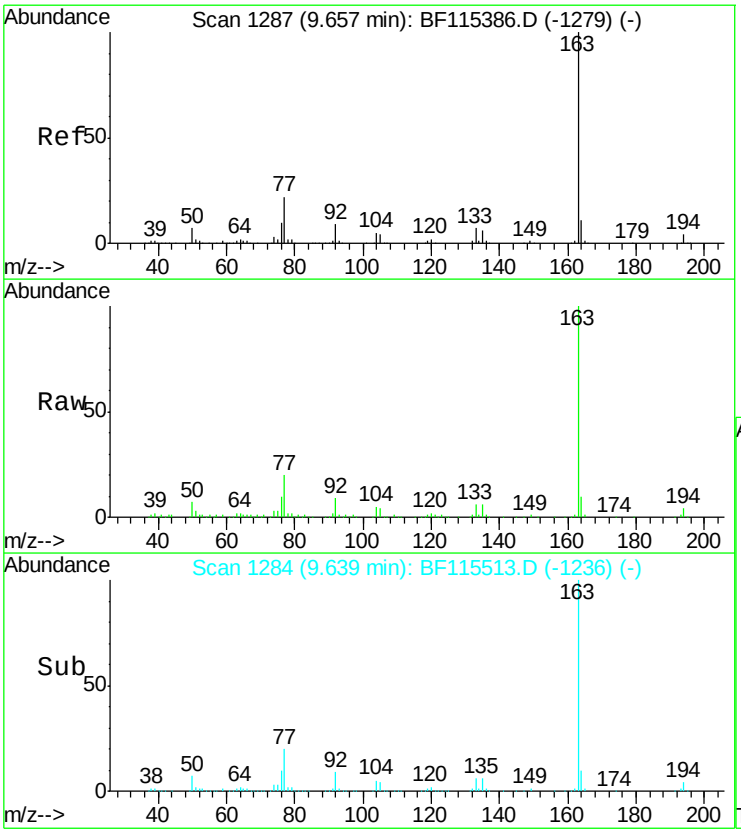
#45
2-Fluorobiphenyl
Concen: 43.578 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 706541

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.8	44.8
170	24.2	20.0	30.0

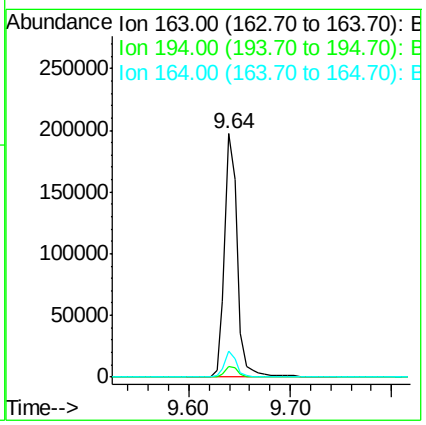


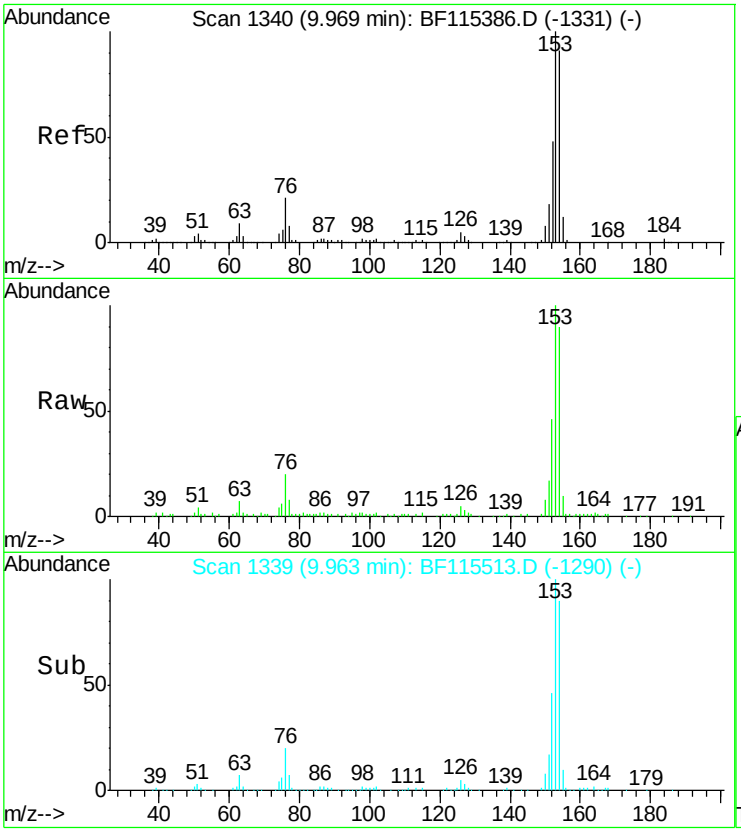


#50
Dimethylphthalate
Concen: 8.162 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Tgt Ion:163 Resp: 174281

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	10.5	8.6	13.0



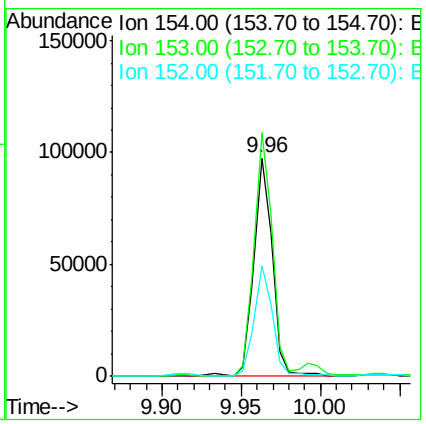


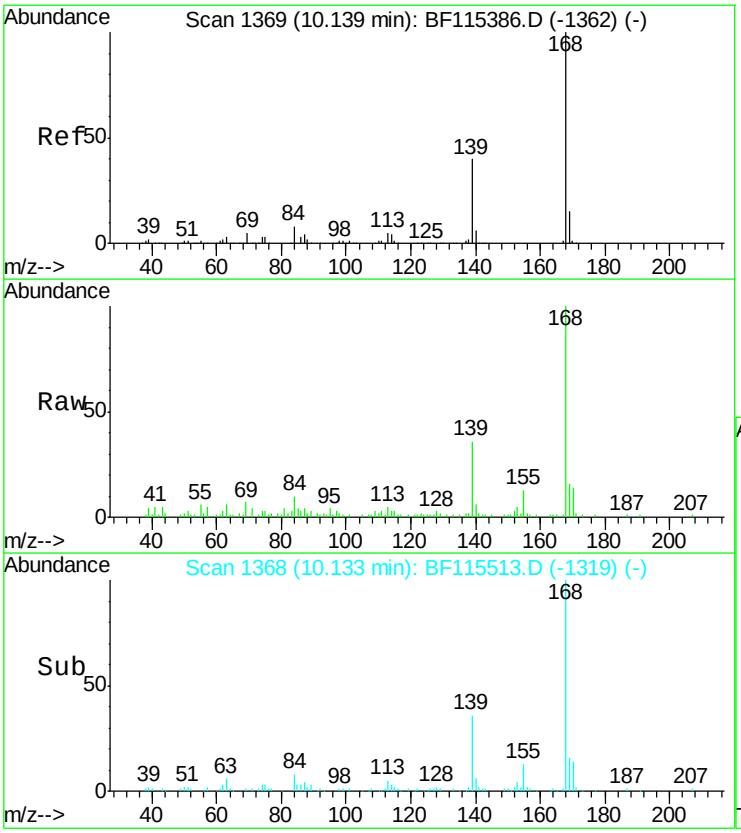
#52
Acenaphthene
Concen: 4.511 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 79463

Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.8	134.8
152	50.9	41.4	62.0

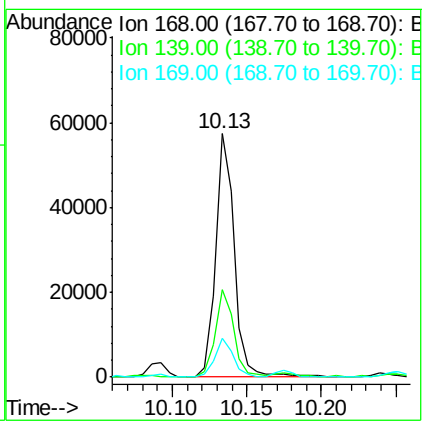


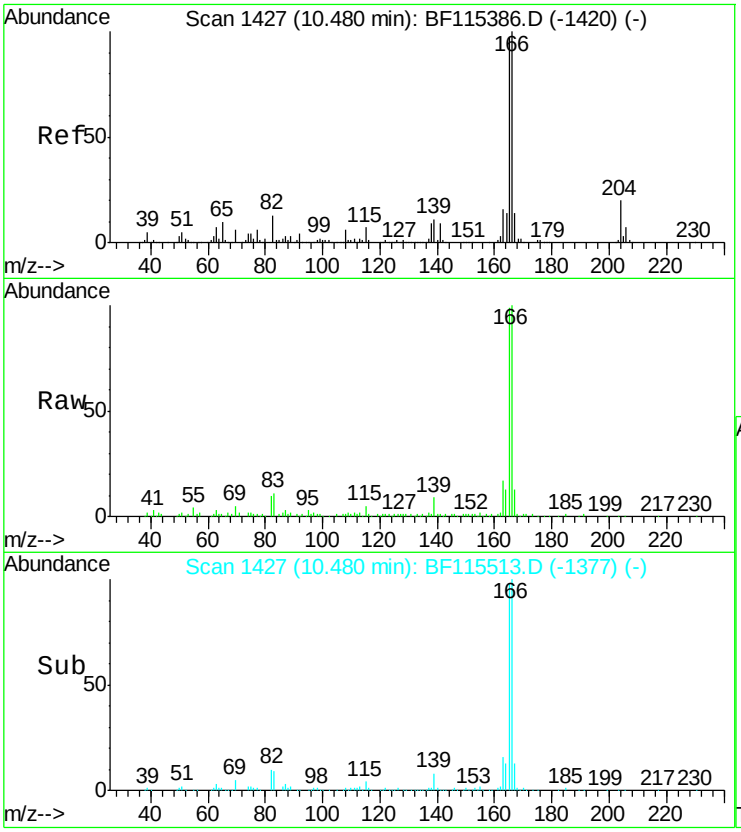


#55
Dibenzofuran
Concen: 2.012 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Tgt Ion:168 Resp: 49910

Ion	Ratio	Lower	Upper
168	100		
139	36.0	30.6	46.0
169	16.0	11.0	16.6



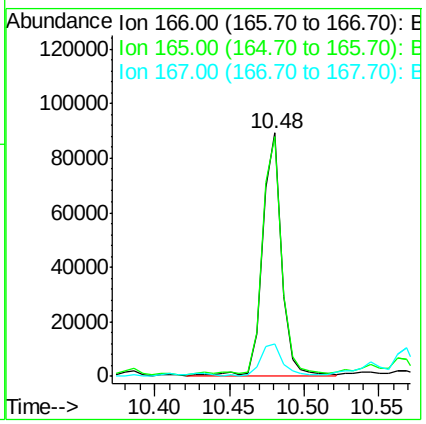


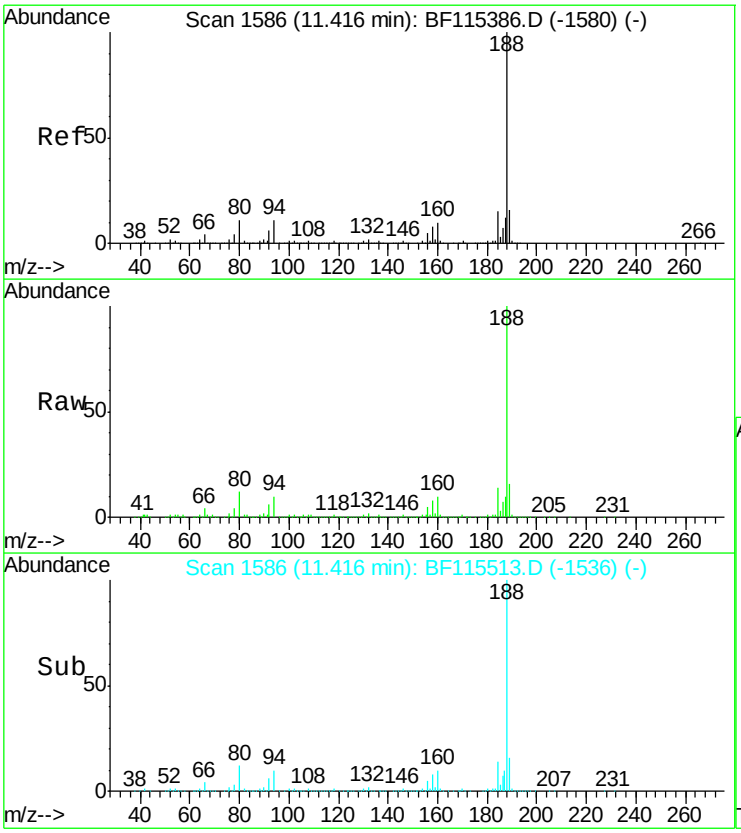
#58
Fluorene
Concen: 4.018 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 78594

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.7	118.1
167	13.2	10.8	16.2

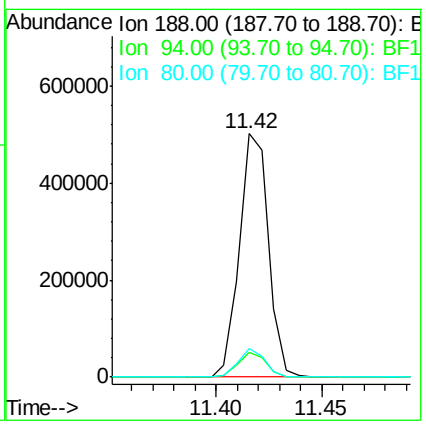


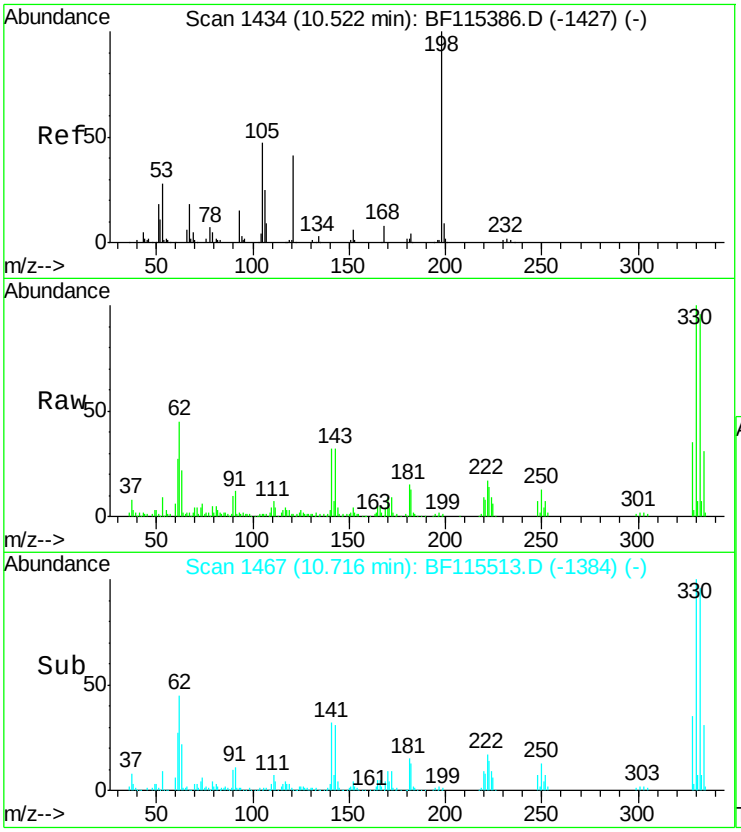


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Tgt Ion:188 Resp: 478146

Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.8	11.8
80	11.8	8.4	12.6



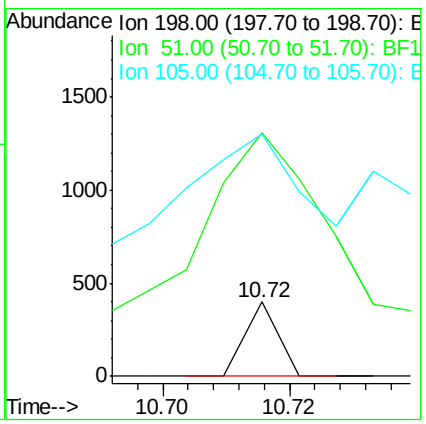


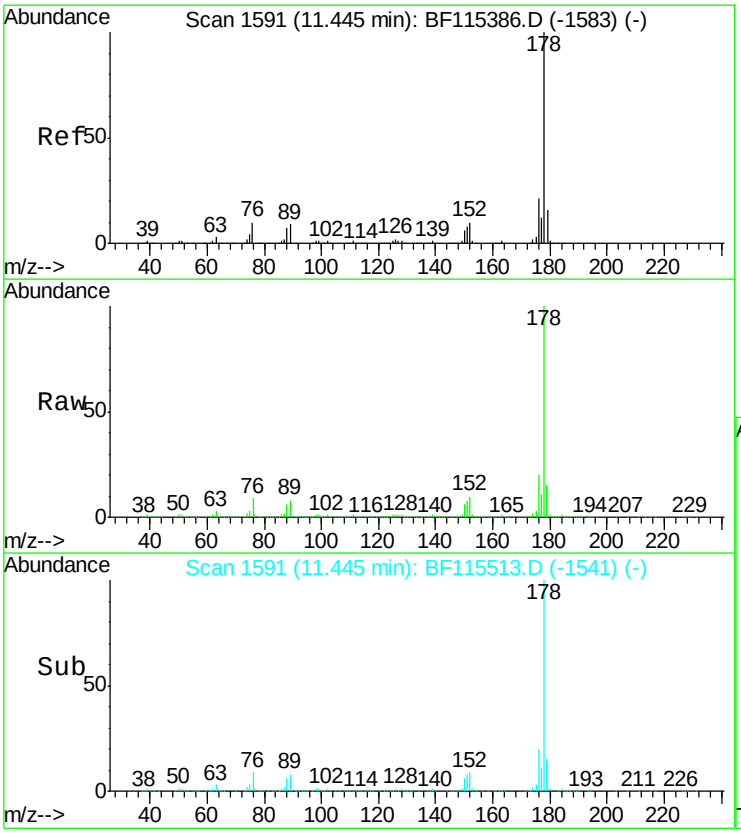
#65
4,6-Dinitro-2-methylphenol
Concen: 7.869 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.19 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 140

Ion	Ratio	Lower	Upper
198	100		
51	328.4	20.7	60.7#
105	327.1	25.3	65.3#

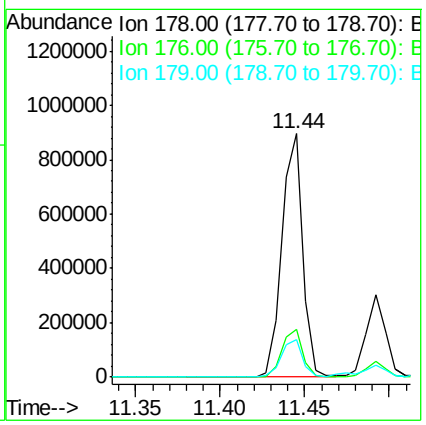


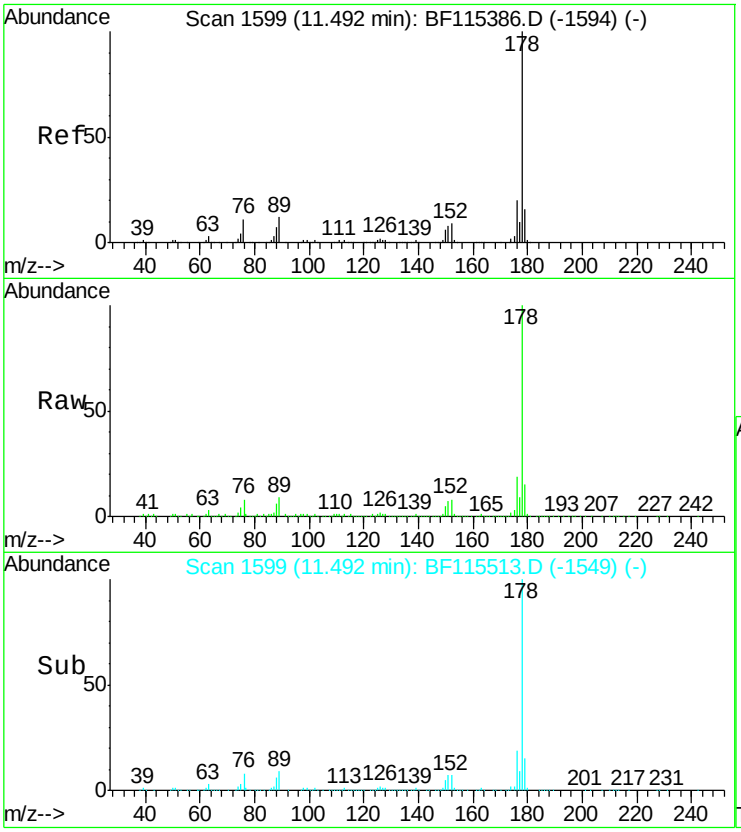


#71
Phenanthrene
Concen: 30.498 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Tgt Ion:178 Resp: 766931

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.6	24.8
179	15.3	12.7	19.1



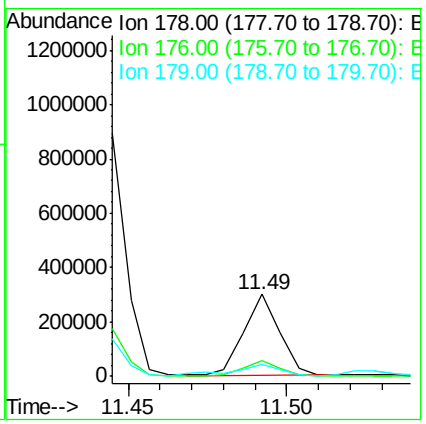


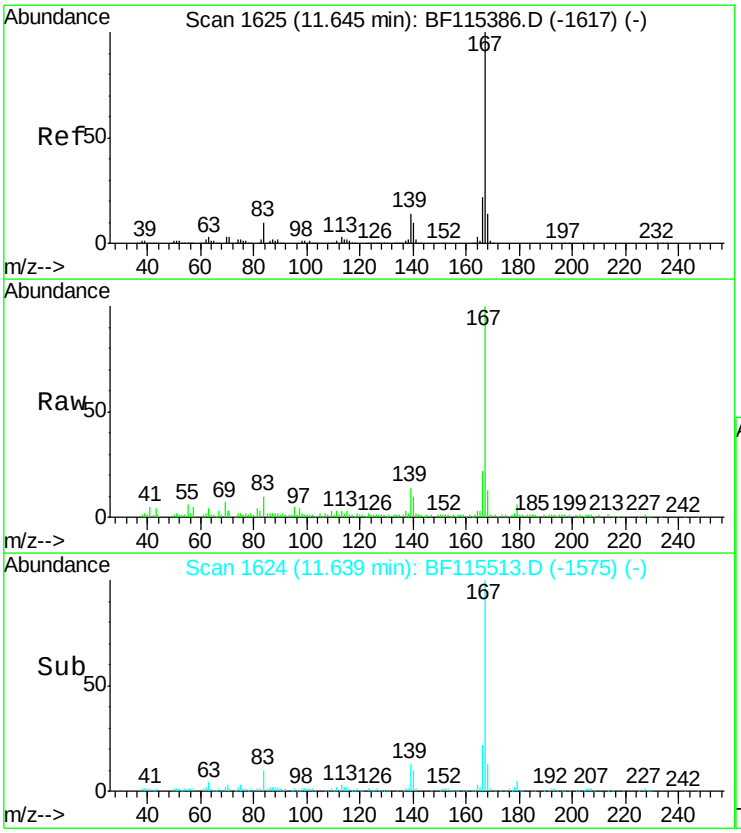
#72
Anthracene
Concen: 9.291 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 234277

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	15.2	13.0	19.6

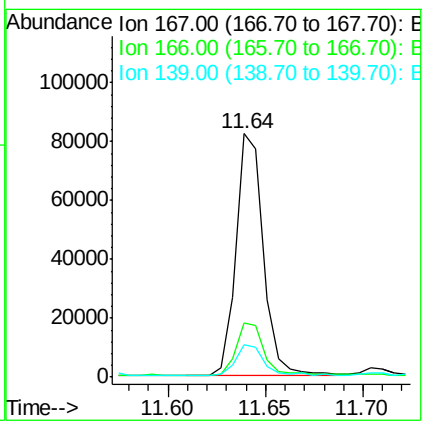


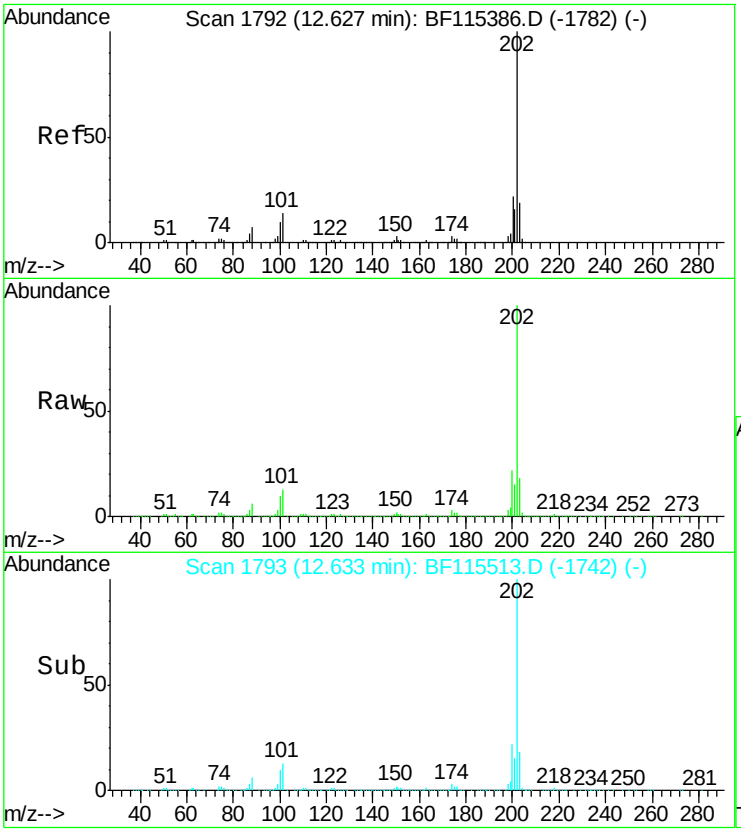


#73
Carbazole
Concen: 3.468 ng
RT: 11.64 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Tgt Ion:167 Resp: 79998

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.8
139	13.5	10.9	16.3



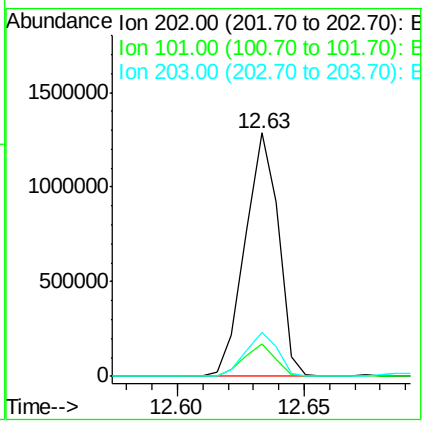


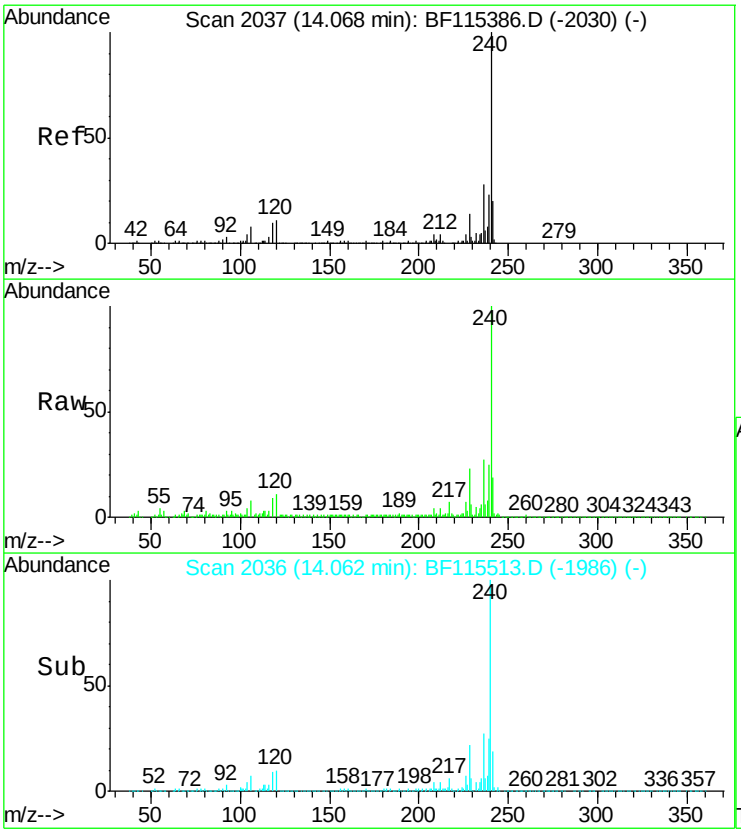
#75
Fluoranthene
Concen: 44.463 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1177281

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.9
203	18.2	0.0	38.4

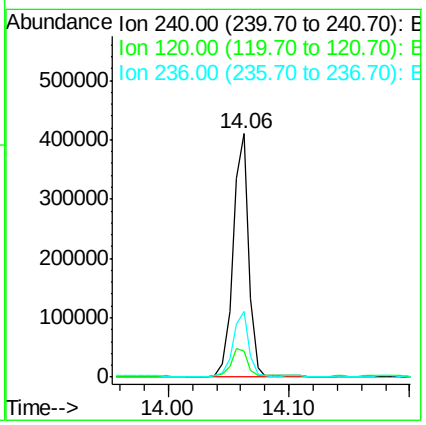


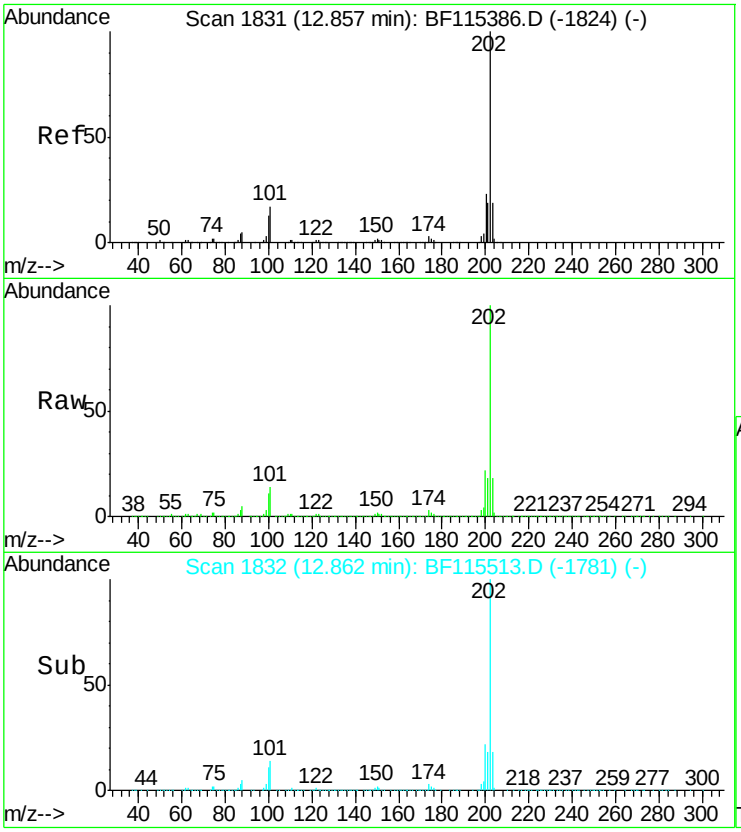


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Tgt Ion:240 Resp: 366111

Ion	Ratio	Lower	Upper
240	100		
120	10.6	10.2	15.4
236	27.1	21.1	31.7



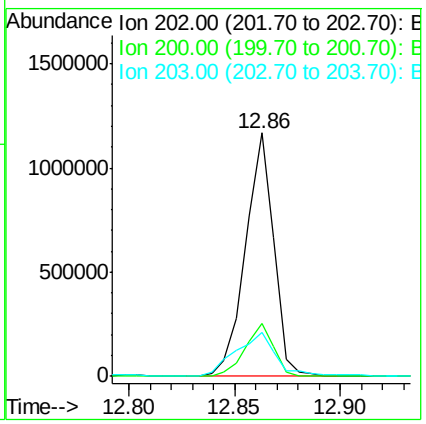


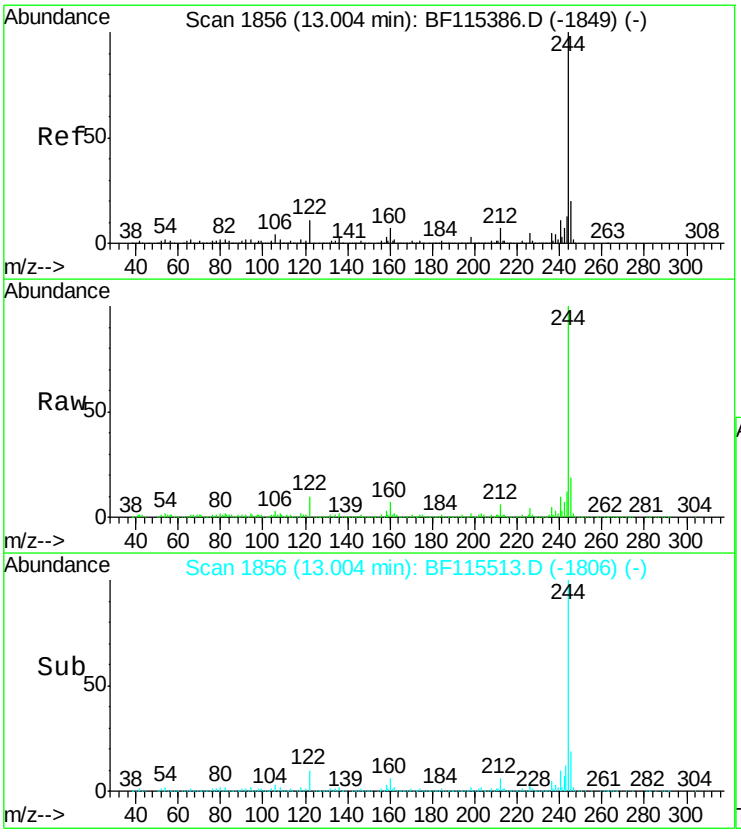
#78
Pyrene
Concen: 38.204 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1087691

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	18.2	14.7	22.1

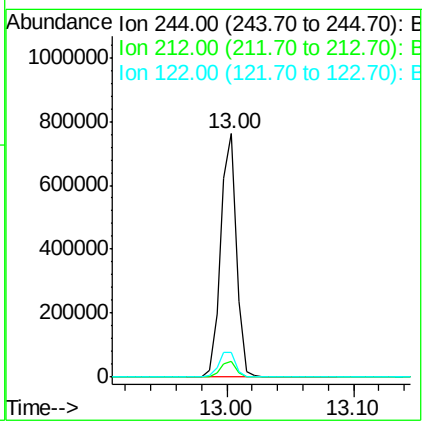


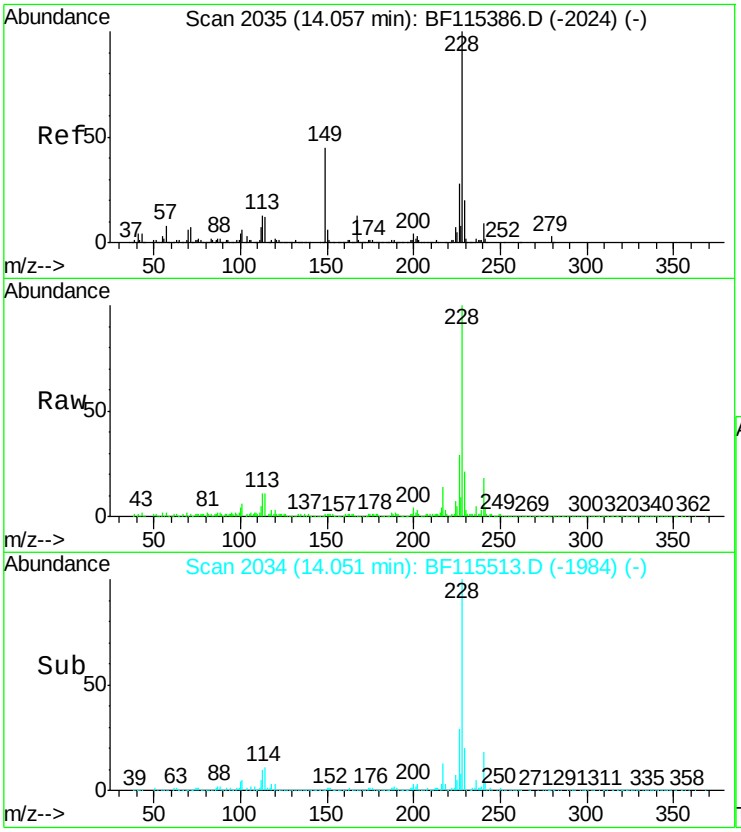


#79
Terphenyl-d14
Concen: 37.040 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Tgt Ion:244 Resp: 662308

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	9.9	9.1	13.7



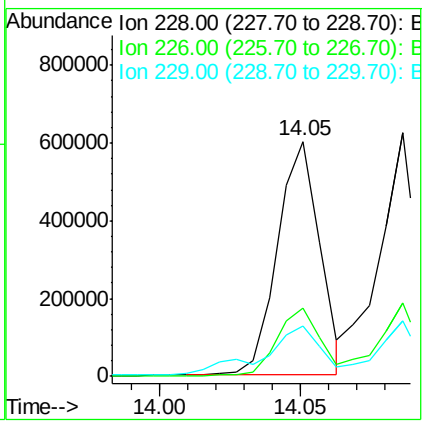


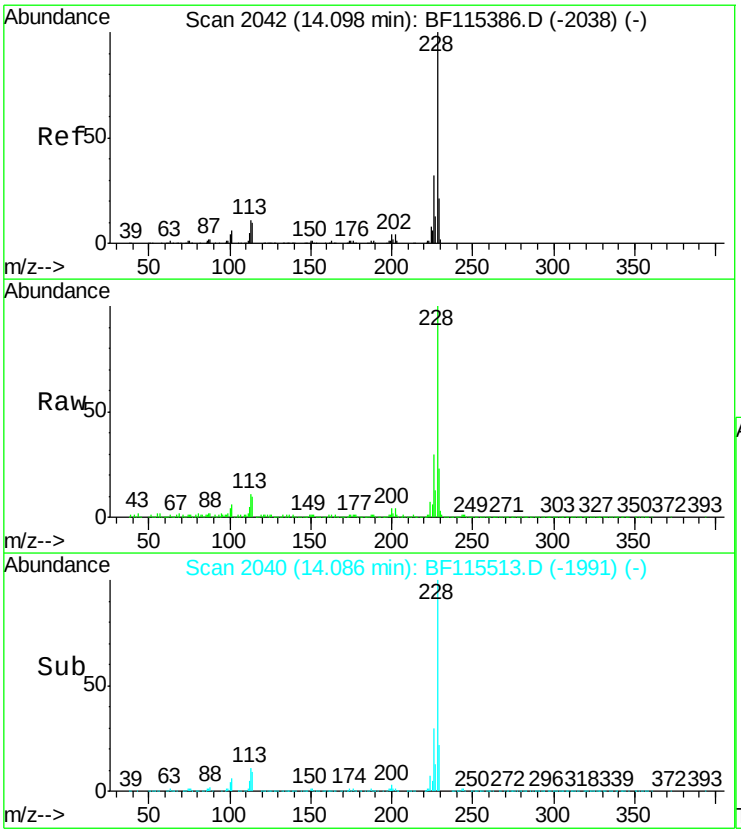
#81
Benzo(a)anthracene
Concen: 26.635 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 624799

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	34.0
229	21.2	16.4	24.6

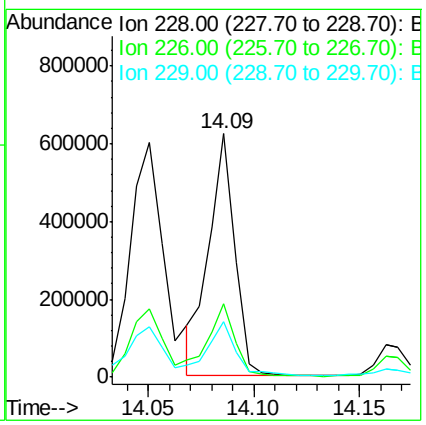


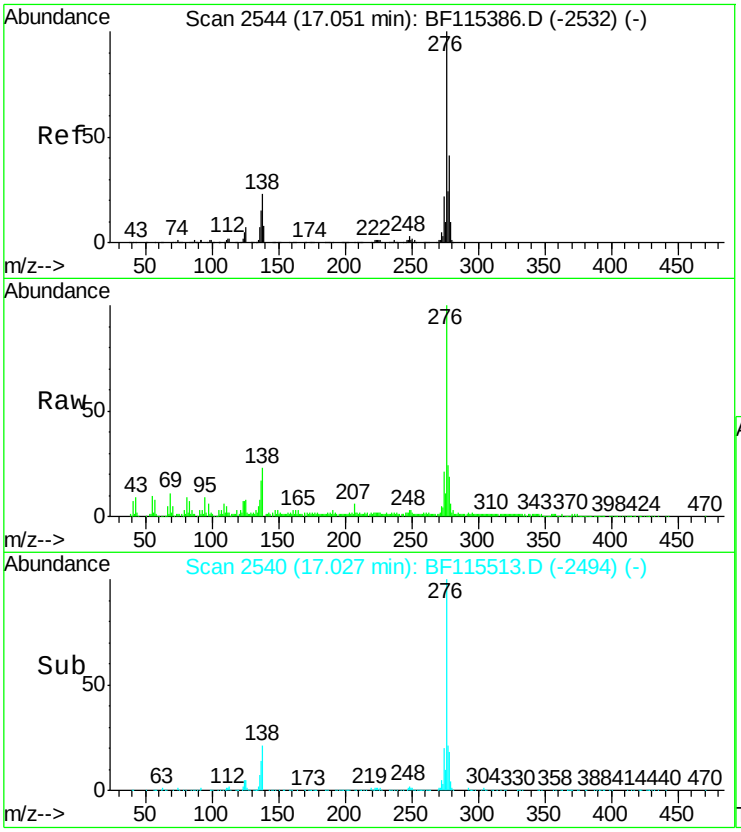


#83
Chrysene
Concen: 22.264 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Tgt Ion:228 Resp: 536629

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.1	37.7
229	22.9	16.1	24.1



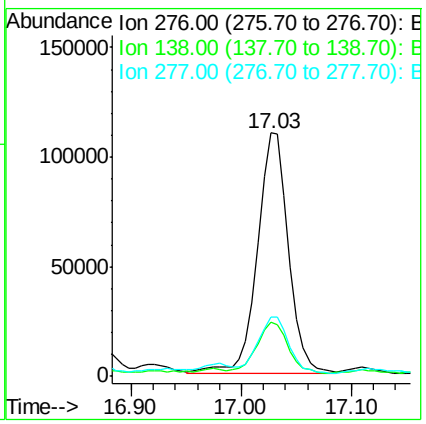


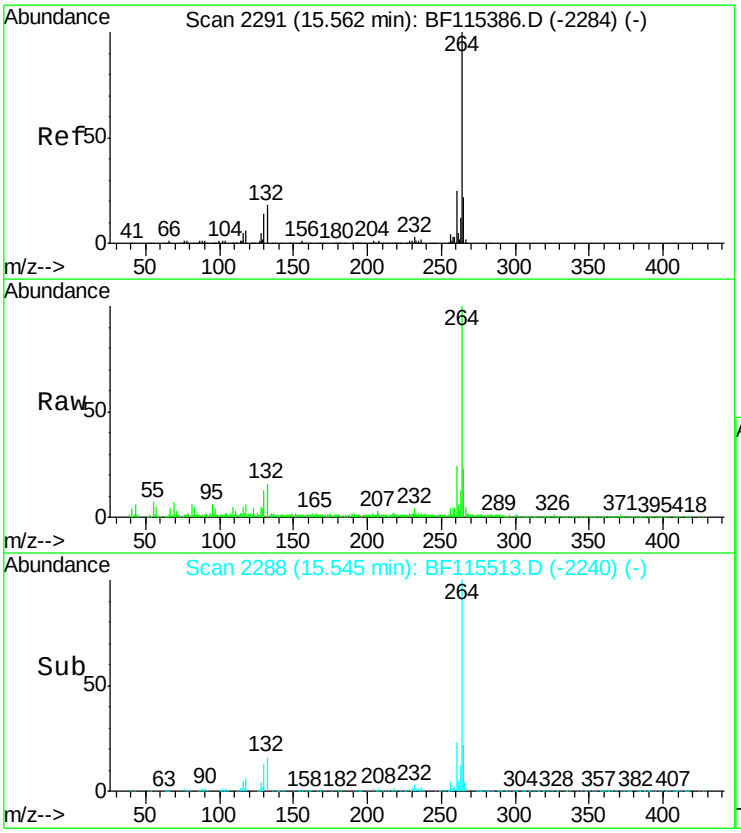
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.845 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 216608

Ion	Ratio	Lower	Upper
276	100		
138	20.9	20.6	31.0
277	23.4	20.2	30.2

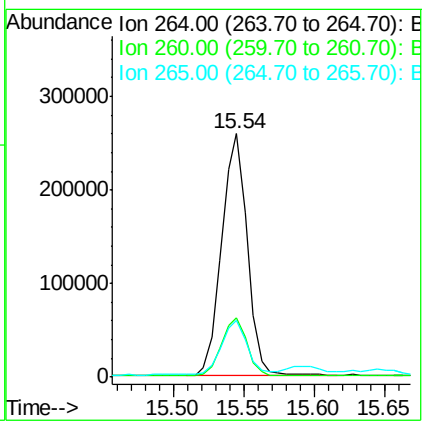


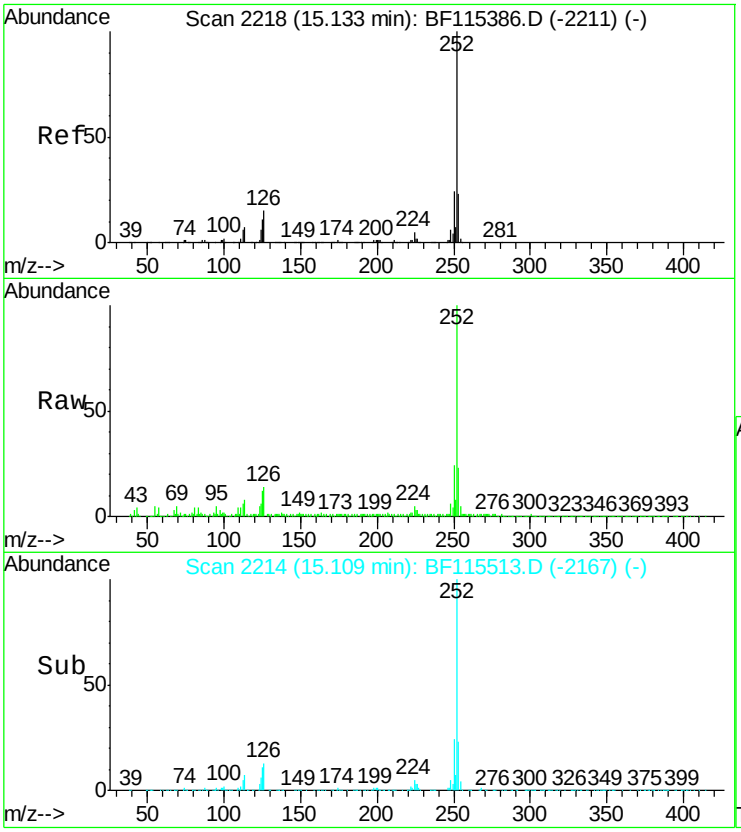


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Tgt Ion:264 Resp: 325250

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.1	30.1
265	23.2	17.8	26.6



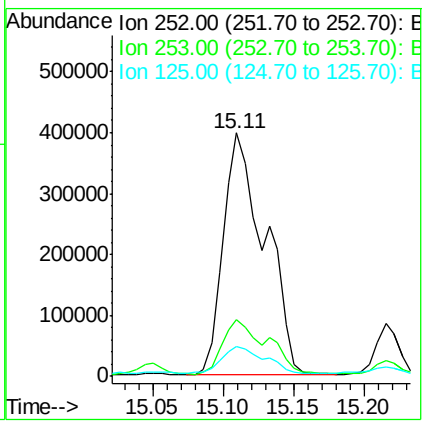


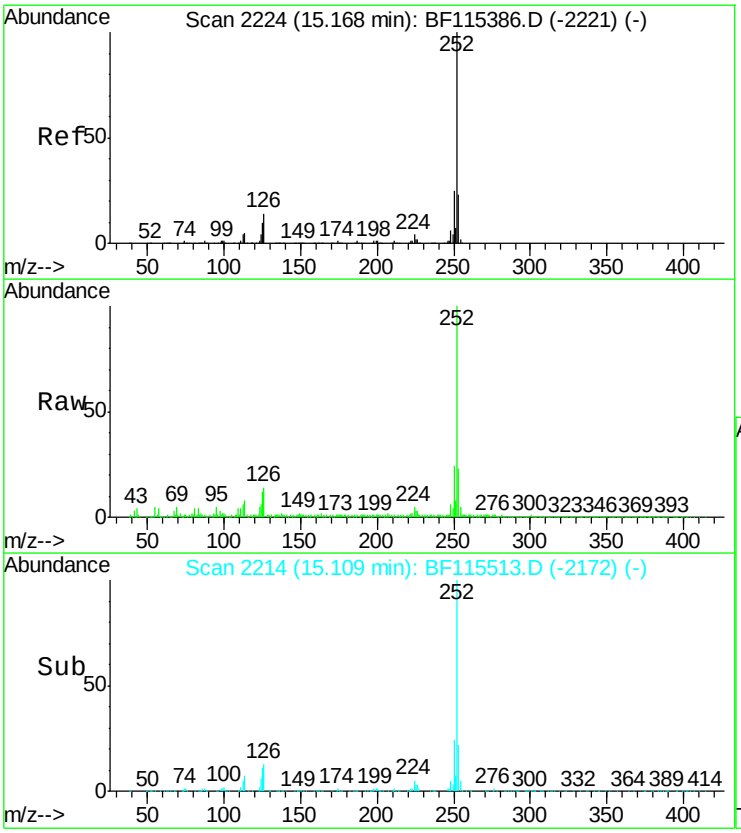
#88
Benzo(b)fluoranthene
Concen: 38.591 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 817239

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	12.0	8.5	12.7

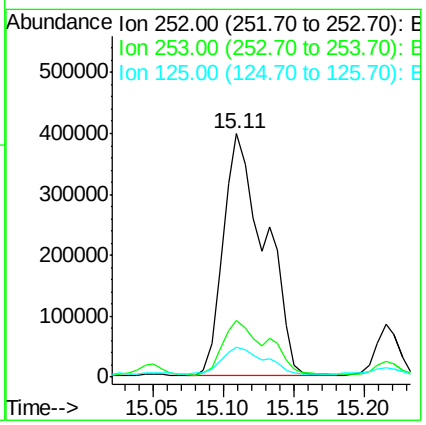


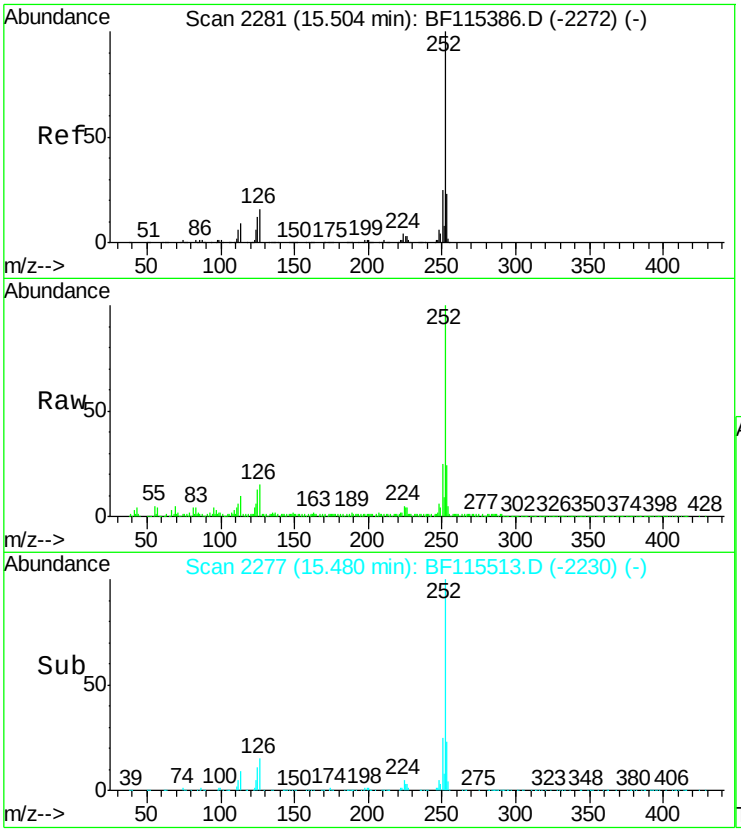


#89
Benzo(k)fluoranthene
Concen: 43.393 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.05 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Tgt Ion:252 Resp: 817239

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	12.0	8.6	13.0



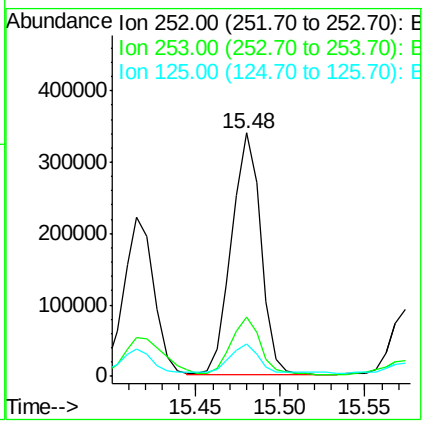


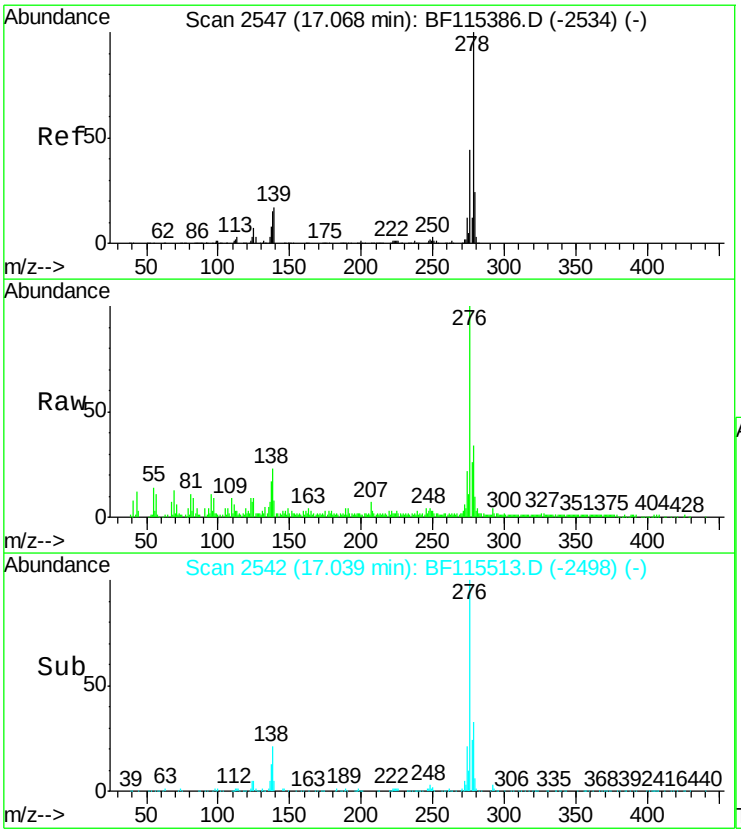
#90
Benzo(a)pyrene
Concen: 22.406 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 409246

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.7	26.5
125	13.1	9.7	14.5

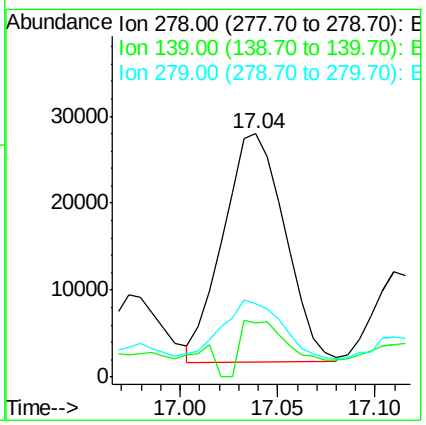


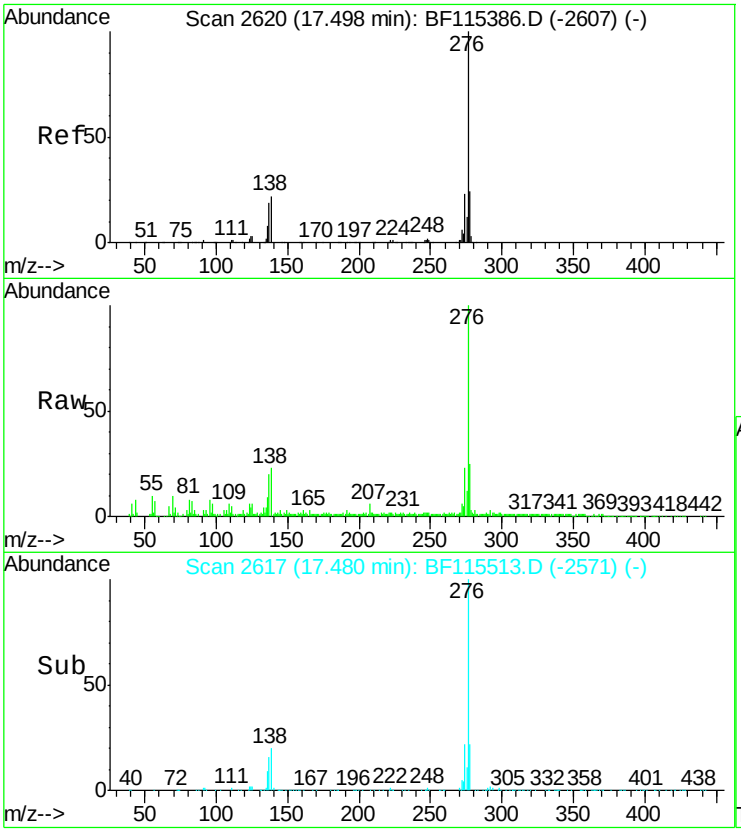


#91
Dibenzo(a,h)anthracene
Concen: 3.688 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.04 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Tgt Ion:278 Resp: 57565

Ion	Ratio	Lower	Upper
278	100		
139	22.3	13.0	19.6#
279	30.1	19.4	29.2#





#92
Benzo(g,h,i)perylene
Concen: 13.167 ng
RT: 17.48 min Scan# 2617
Delta R.T. -0.03 min
Lab File: BF115513.D
Acq: 11 Jul 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 194519

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	22.8	17.8	26.8