Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100319\
Data File : BF117336.D
Acq On : 4 Oct 2019 00:11
Operator : JU
Sample : K5165-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NBP-2019

Quant Time: Oct 04 03:22:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	46762	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	156403	20.00	ng		-0.01
39) Acenaphthene-d10	9.84	164	57718	20.00	ng		-0.02
64) Phenanthrene-d10	11.33	188	92780	20.00	ng		0.00
76) Chrysene-d12	13.97	240	85038	20.00	ng		0.00
87) Perylene-d12	15.43	264	64209	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	265891	88.77	ng		0.00
7) Phenol-d6	6.46	99	374664	96.79	ng		0.00
23) Nitrobenzene-d5	7.37	82	220311	74.01	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	45871	95.09	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	327922	88.83	ng		-0.01
79) Terphenyl-d14	12.91	244	303761	66.77	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.46	77	269	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.37	70	29115	12.352	ng	#	81
25) Isophorone	7.37	82	220310	41.801	ng	#	66
50) Dimethylphthalate	9.56	163	28720	7.028	ng		99
51) 2,6-Dinitrotoluene	9.84	165	7501	9.012	ng	#	24
57) 2,4-Dinitrotoluene	9.84	165	7501	6.943	ng	#	18
67) 4-Bromophenyl-phenylether	10.63	248	3059	3.228	ng	#	1
71) Phenanthrene	11.35	178	65108	12.355	ng		98
72) Anthracene	11.35	178	65108	12.102	ng		99
75) Fluoranthene	12.54	202	142606	26.336	ng		99
78) Pyrene	12.77	202	129203	18.108	ng		95
81) Benzo(a)anthracene	13.96	228	67605	11.899	ng		98
83) Chrysene	14.00	228	61313	11.065	ng		95
84) Bis(2-ethylhexyl)phthalate	13.94	149	11158	2.567	ng	#	96
86) Indeno(1,2,3-cd)pyrene	16.89	276	24062	5.952	ng	#	90
88) Benzo(b)fluoranthene	15.01	252	80549	20.710	ng	#	90
89) Benzo(k)fluoranthene	15.01	252	80549	21.863	ng	#	90
90) Benzo(a)pyrene	15.37	252	38376	11.244	ng	#	96
91) Dibenzo(a,h)anthracene	16.89	278	5937	2.184	ng	#	64
92) Benzo(g,h,i)perylene	17.33	276	24237	8.946	ng		94

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

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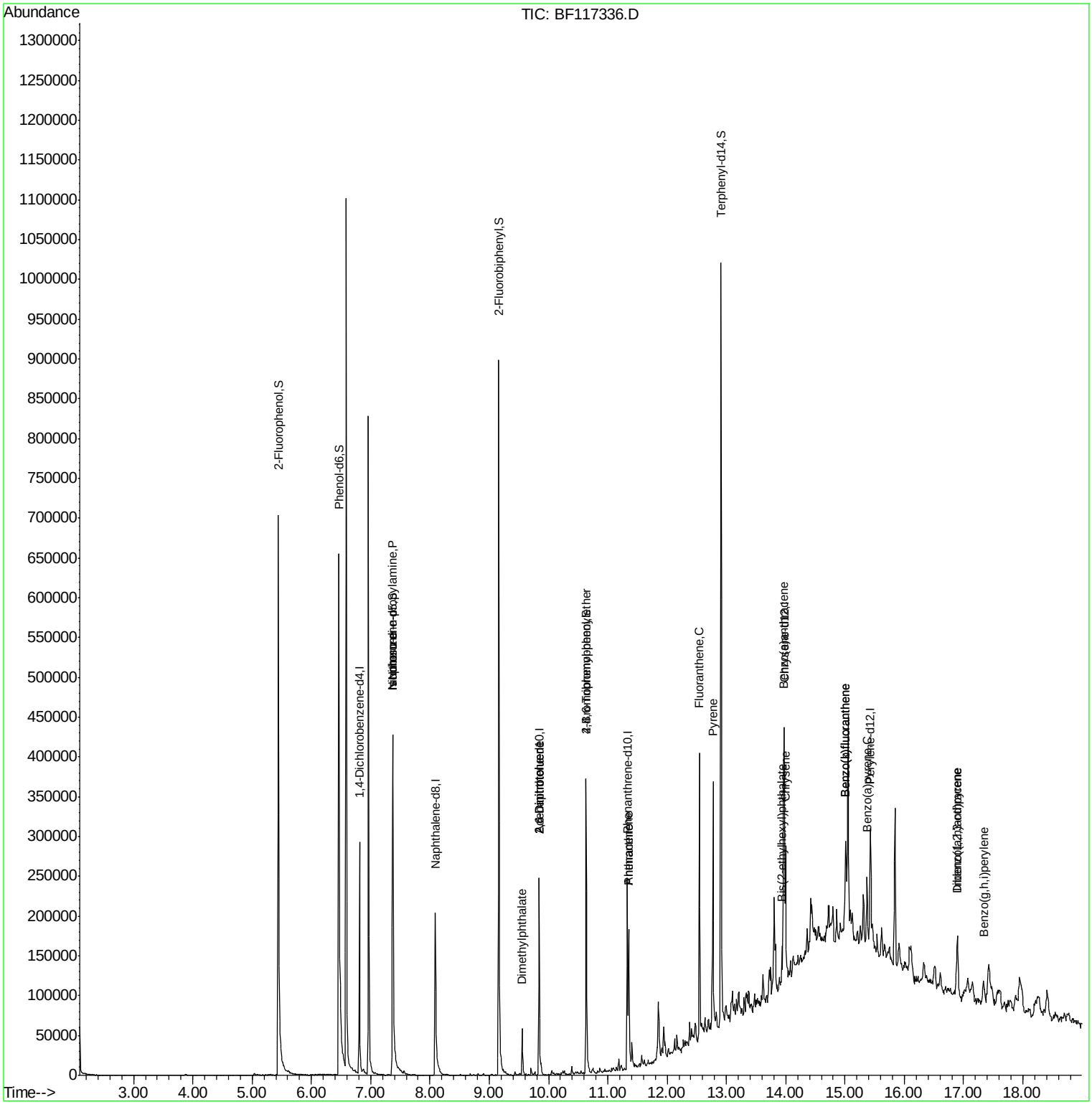
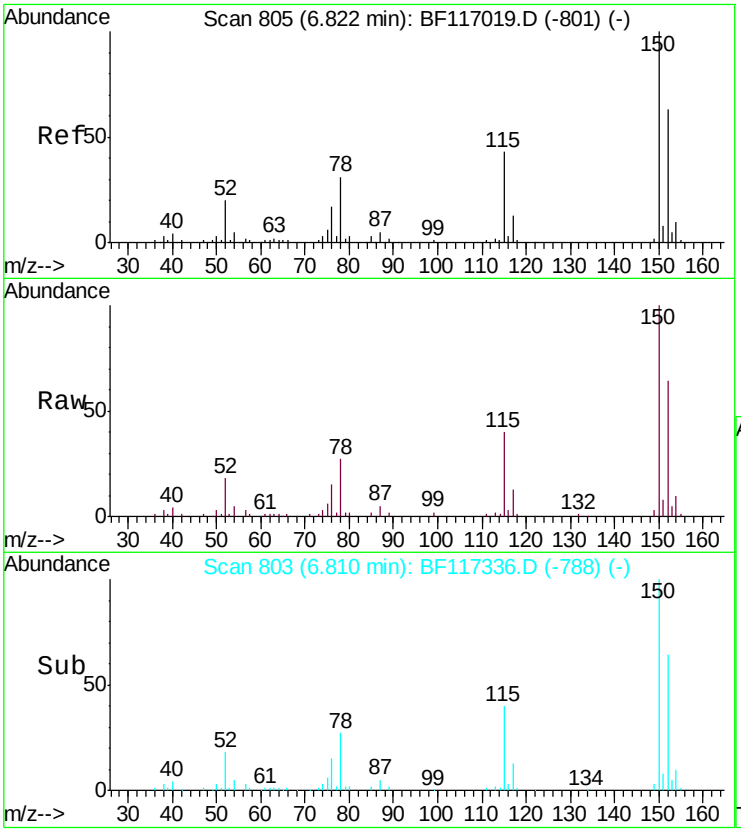


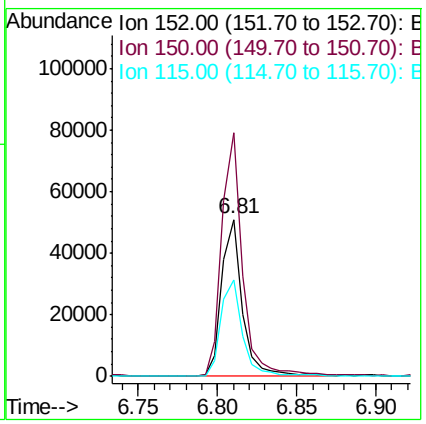


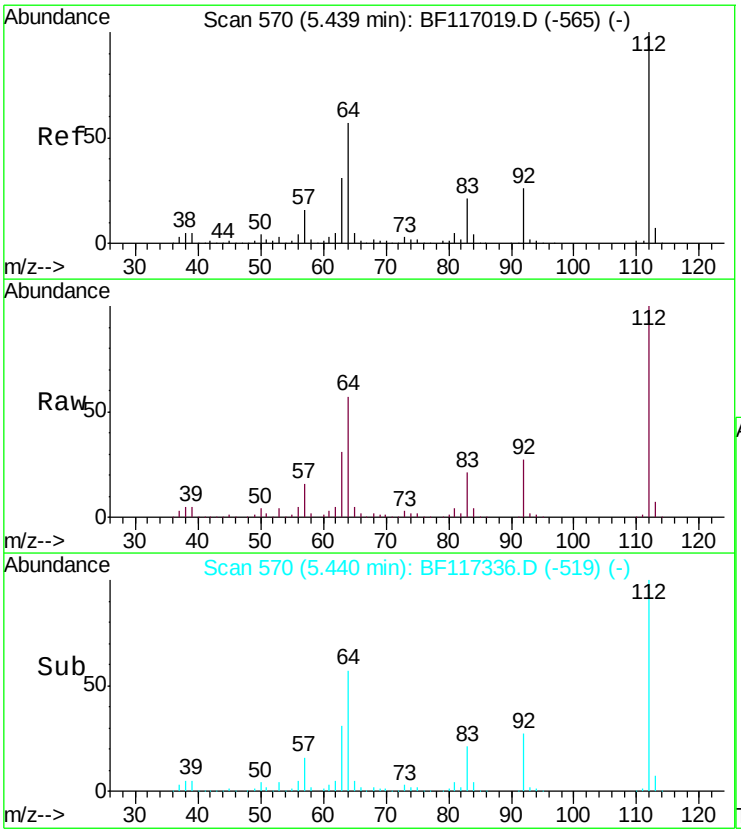
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion:152 Resp: 46762

Ion	Ratio	Lower	Upper
152	100		
150	155.2	127.5	191.3
115	61.4	55.0	82.4

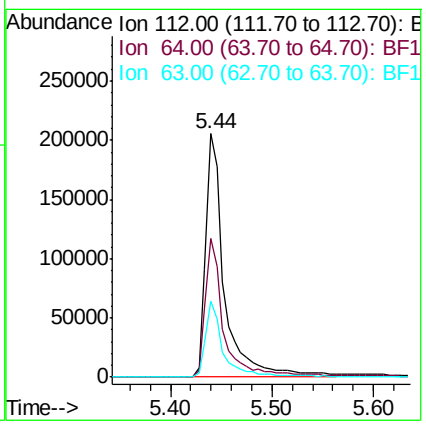


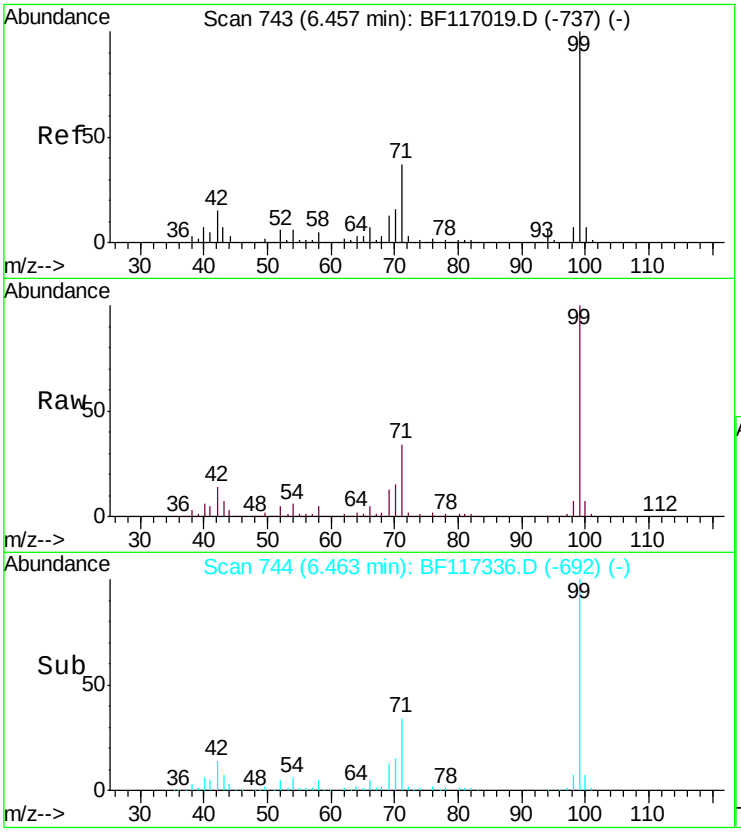


#5
2-Fluorophenol
Concen: 88.773 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Tgt Ion:112 Resp: 265891

Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.7	68.5
63	31.4	24.9	37.3



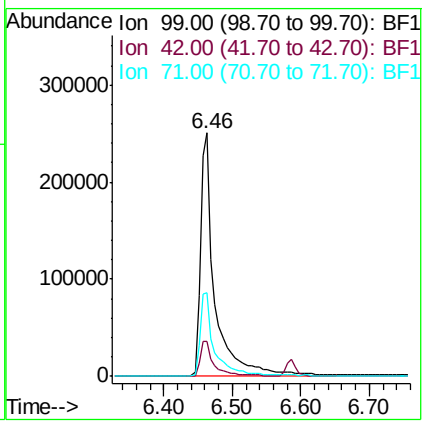


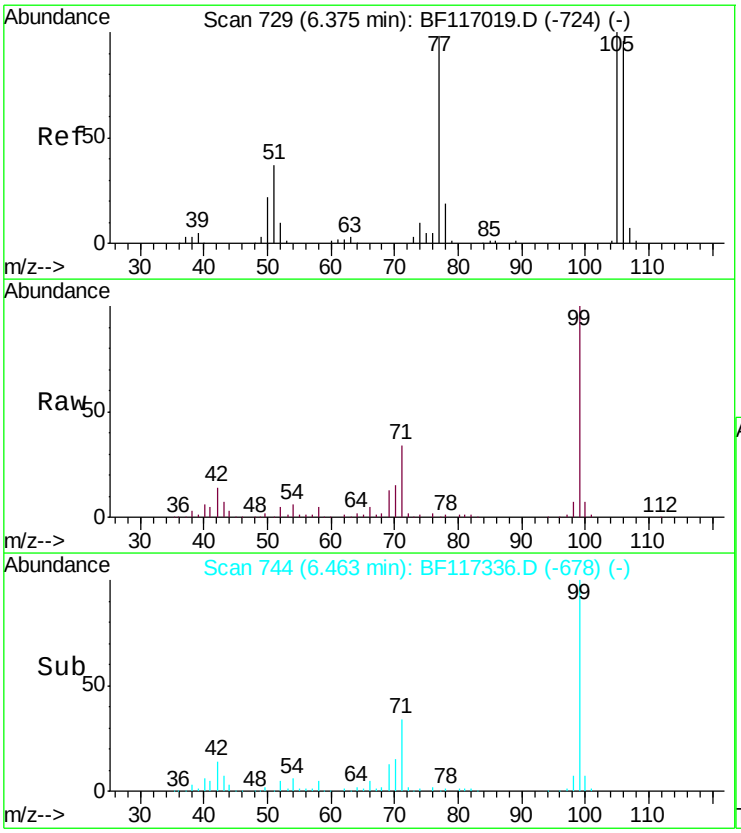
#7
Phenol-d6
Concen: 96.791 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion: 99 Resp: 374664

Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.2	18.2
71	34.3	29.8	44.8

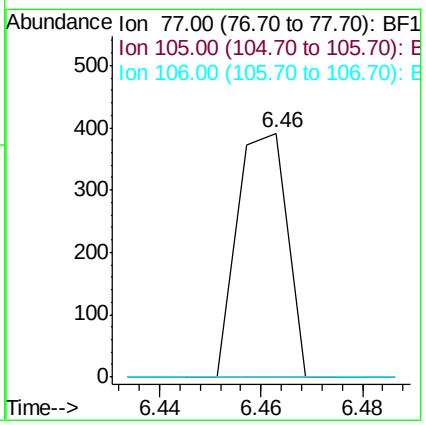


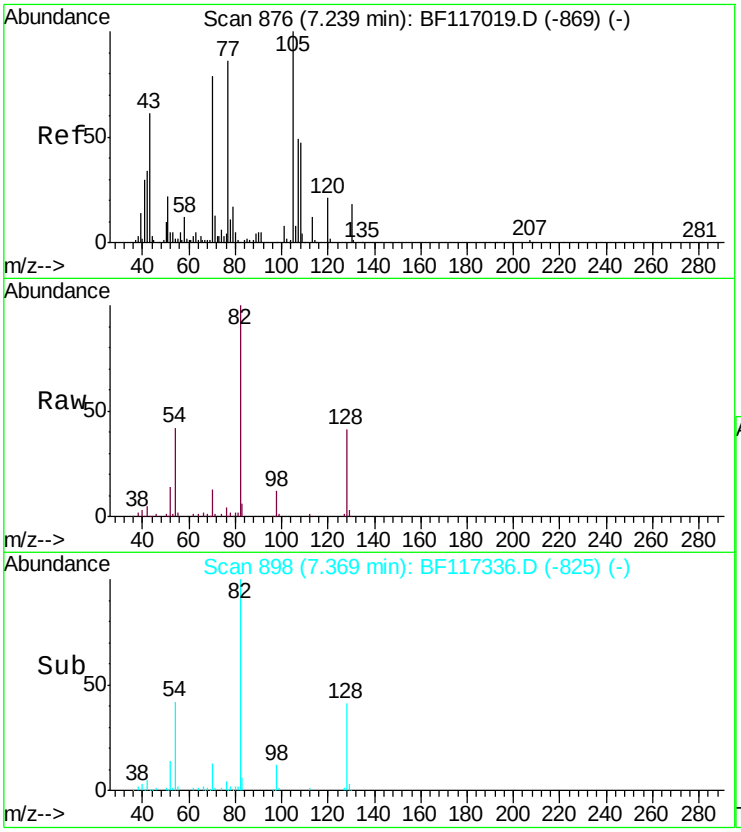


#9
Benzaldehyde
Concen: Below Cal
RT: 6.46 min Scan# 744
Delta R.T. 0.09 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Tgt Ion: 77 Resp: 269

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.8	121.8#
106	0.0	77.3	117.3#



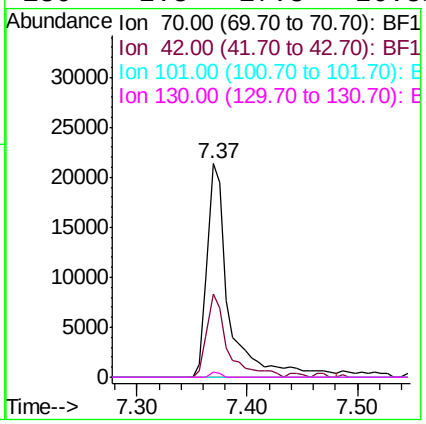


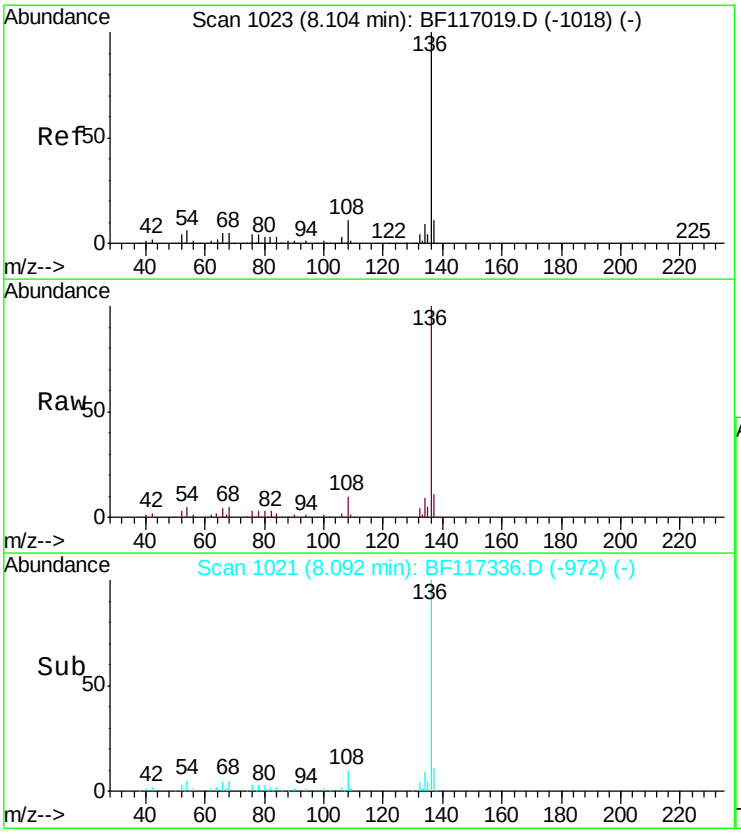
#19
n-Nitroso-di-n-propylamine
Concen: 12.352 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.13 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion: 70 Resp: 29115

Ion	Ratio	Lower	Upper
70	100		
42	39.0	34.0	51.0
101	0.0	7.8	11.6#
130	2.3	17.8	26.8#

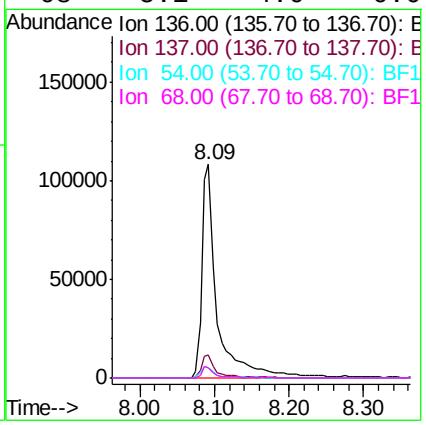


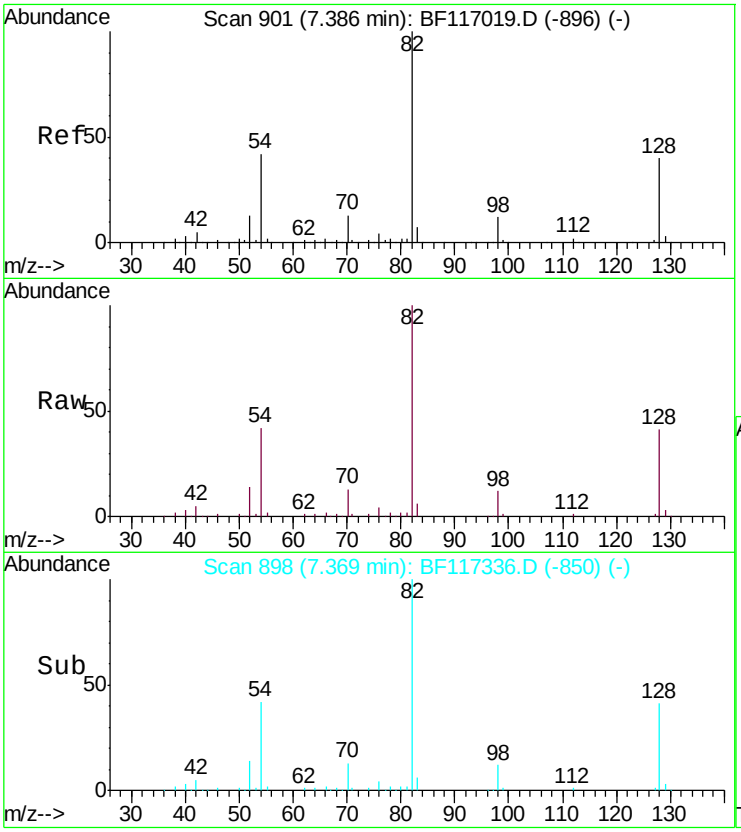


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Tgt Ion:136 Resp: 156403

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	5.0	4.5	6.7
68	5.1	4.0	6.0



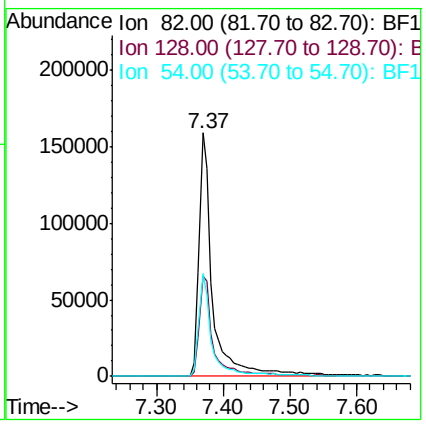


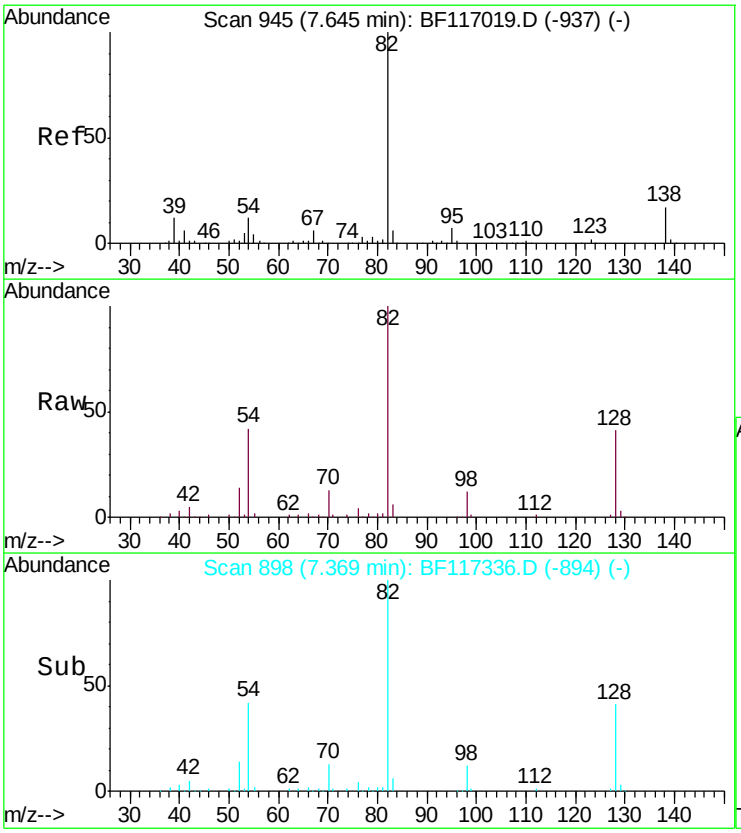
#23
Nitrobenzene-d5
Concen: 74.012 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion: 82 Resp: 220311

Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.3	48.5
54	42.3	33.3	49.9

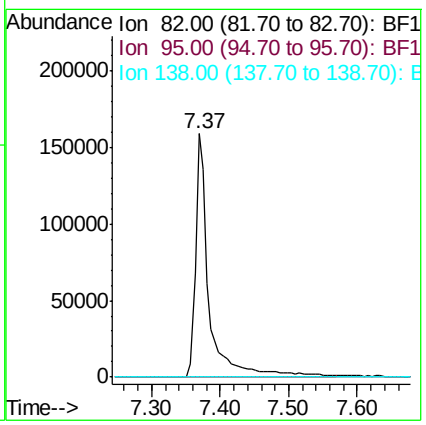


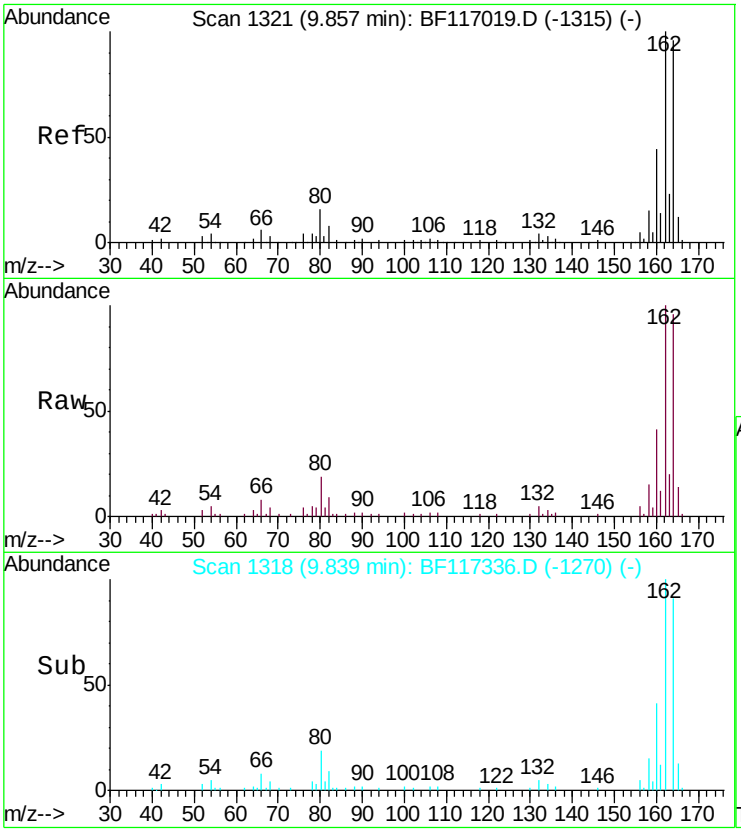


#25
Isophorone
Concen: 41.801 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.28 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Tgt Ion: 82 Resp: 220310

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



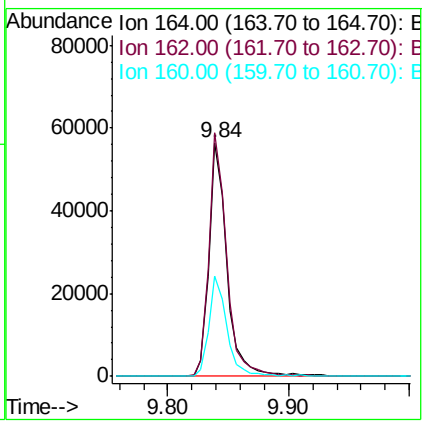


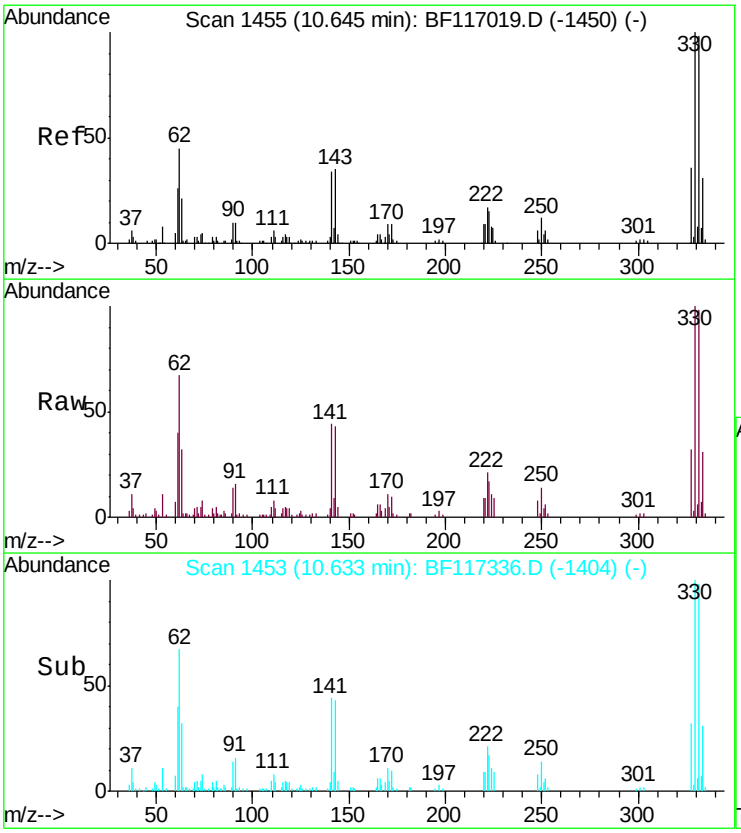
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion:164 Resp: 57718

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.4	125.2
160	42.7	36.4	54.6

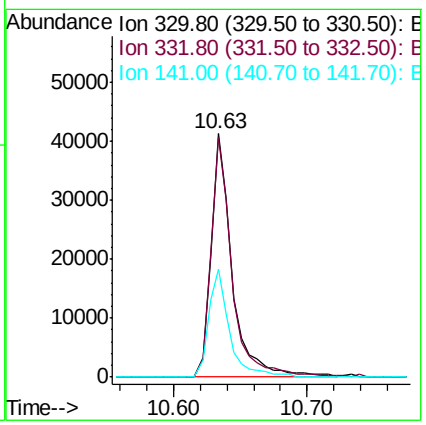


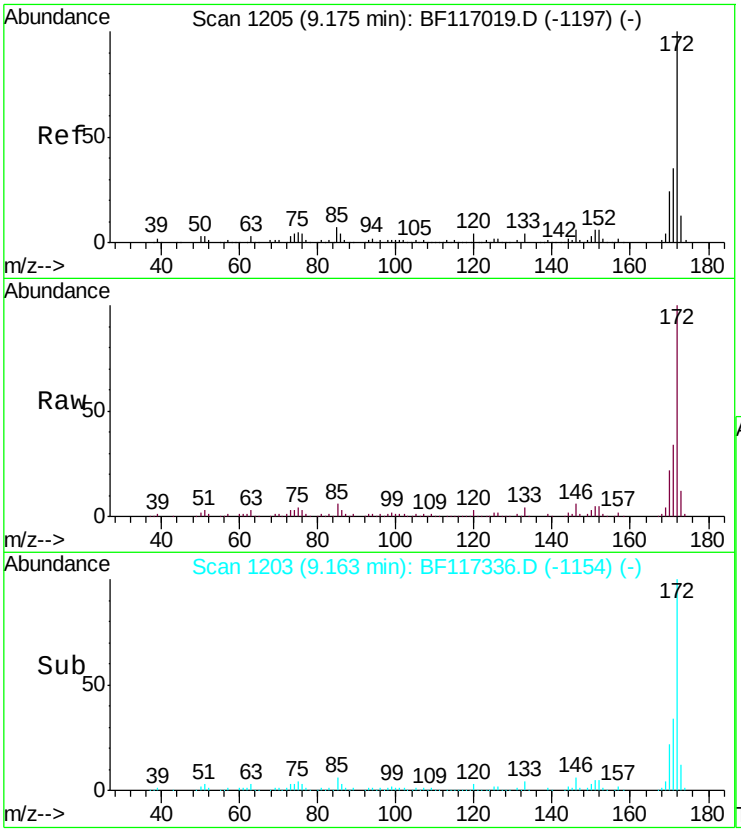


#42
2,4,6-Tribromophenol
Concen: 95.091 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Tgt Ion:330 Resp: 45871

Ion	Ratio	Lower	Upper
330	100		
332	98.8	78.0	117.0
141	43.4	35.8	53.6



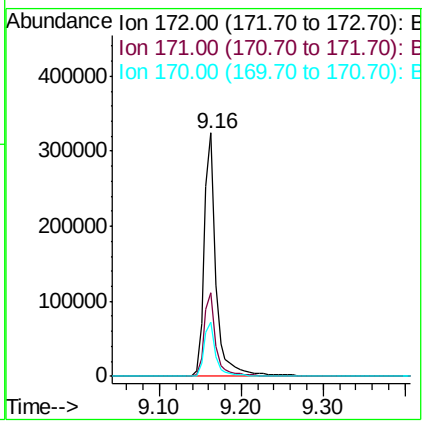


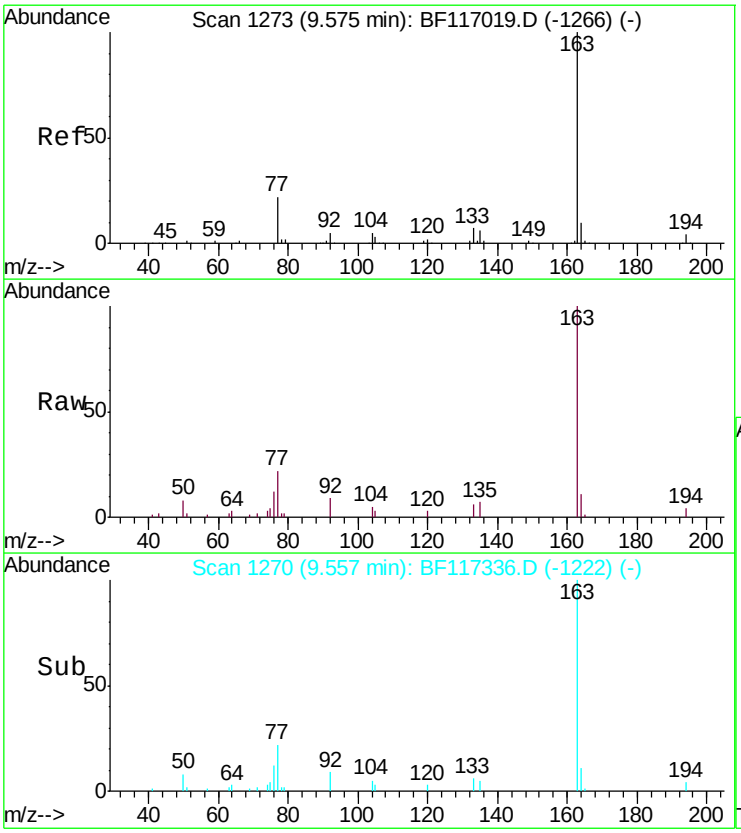
#45
2-Fluorobiphenyl
Concen: 88.834 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion:172 Resp: 327922

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.2	42.2
170	22.1	18.9	28.3

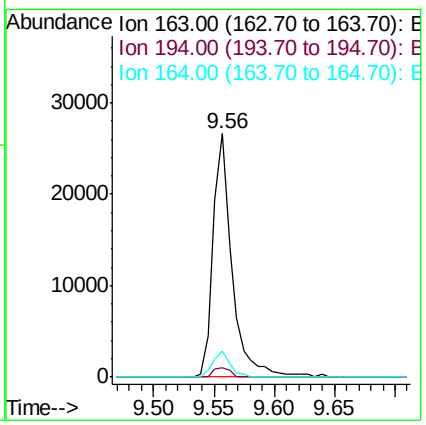


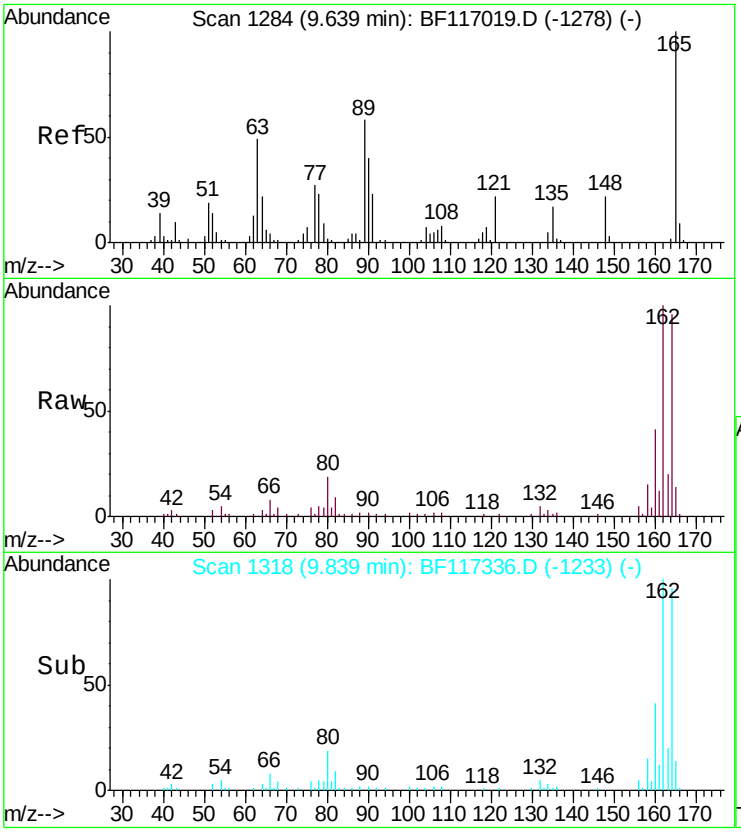


#50
Dimethylphthalate
Concen: 7.028 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Tgt Ion:163 Resp: 28720

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	10.9	8.2	12.4



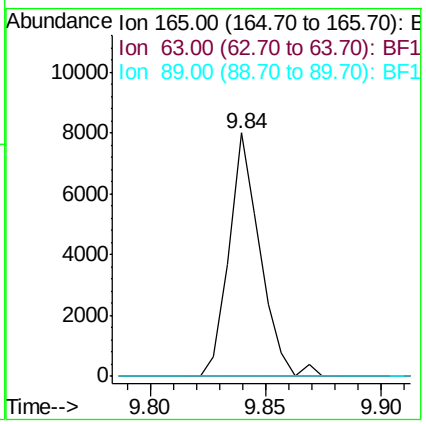


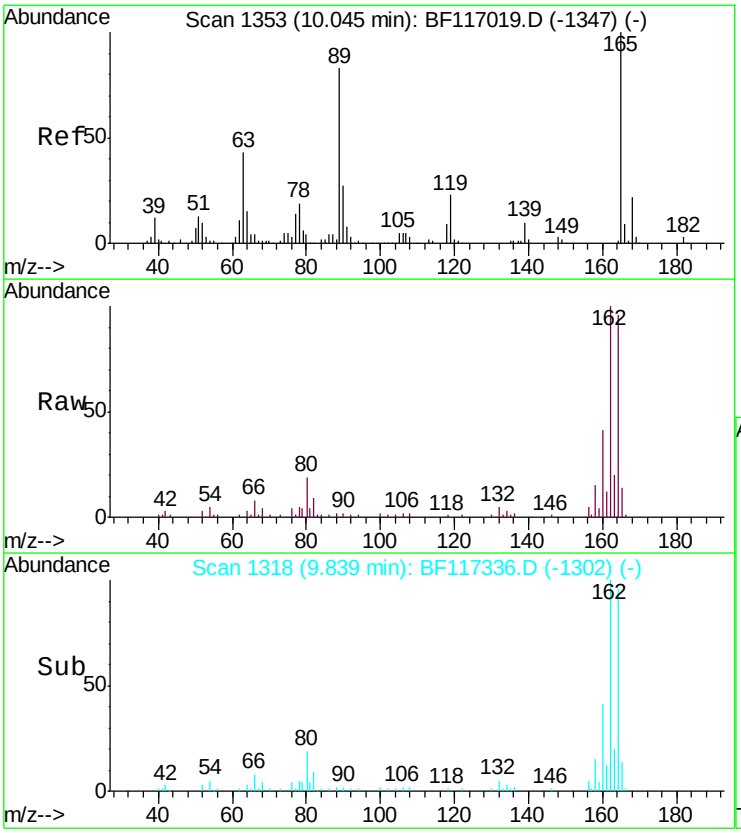
#51
2,6-Dinitrotoluene
Concen: 9.012 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.20 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion:165 Resp: 7501

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	0.0	46.5	69.7#

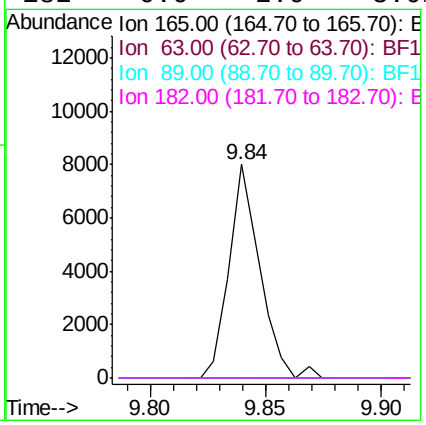


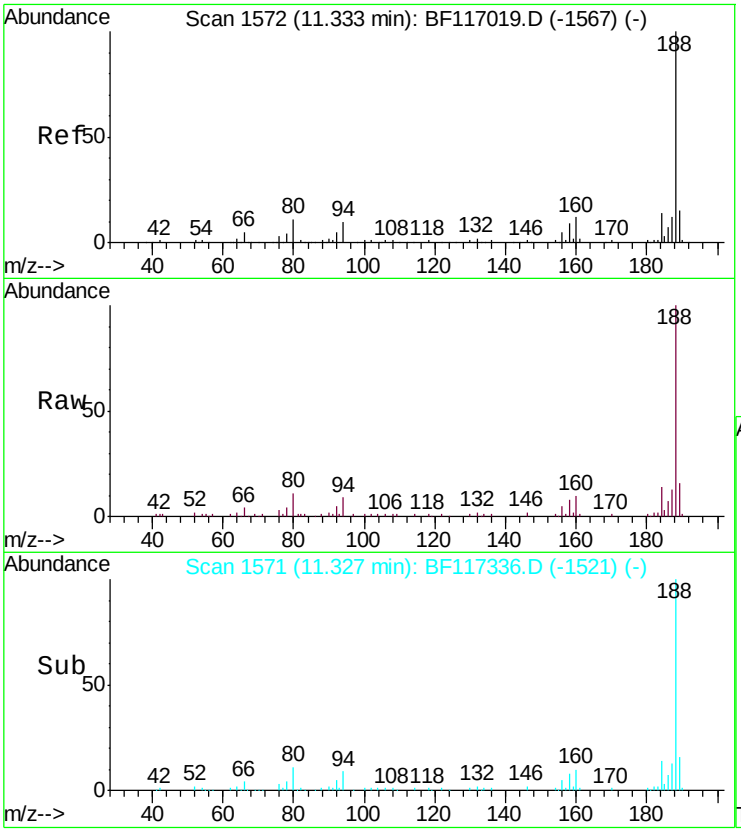


#57
2,4-Dinitrotoluene
Concen: 6.943 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Tgt Ion:165 Resp: 7501

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#



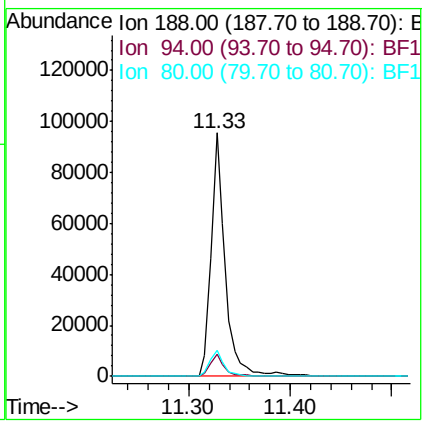


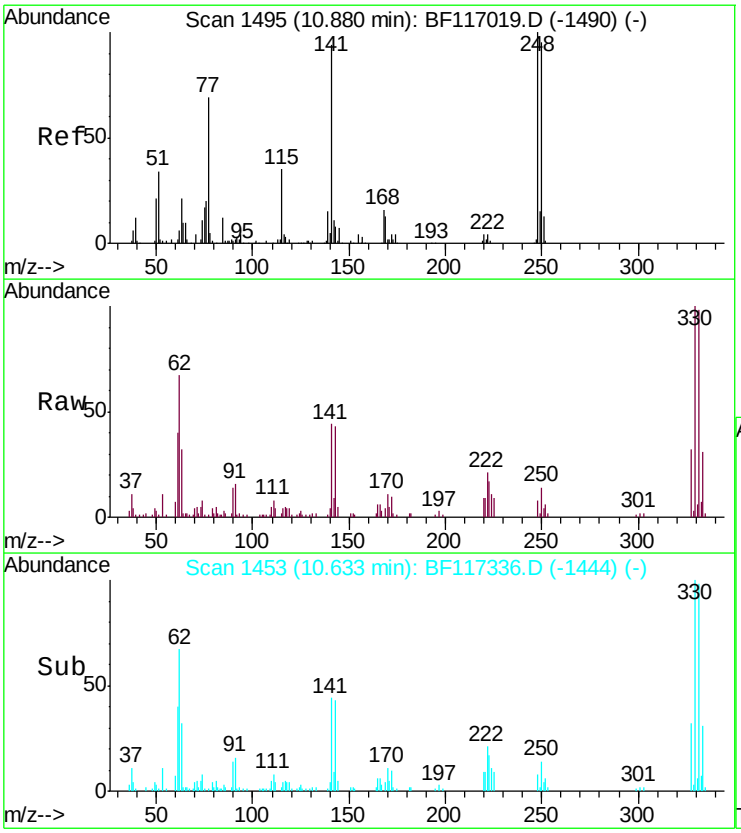
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion:188 Resp: 92780

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.2
80	10.6	9.0	13.6

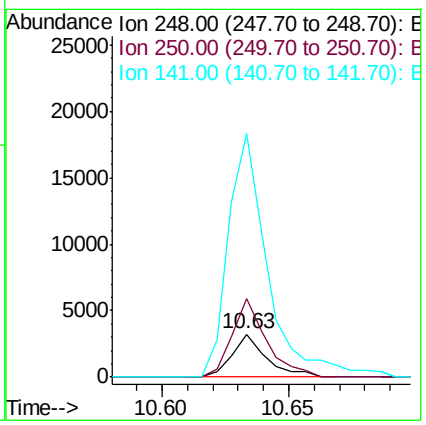


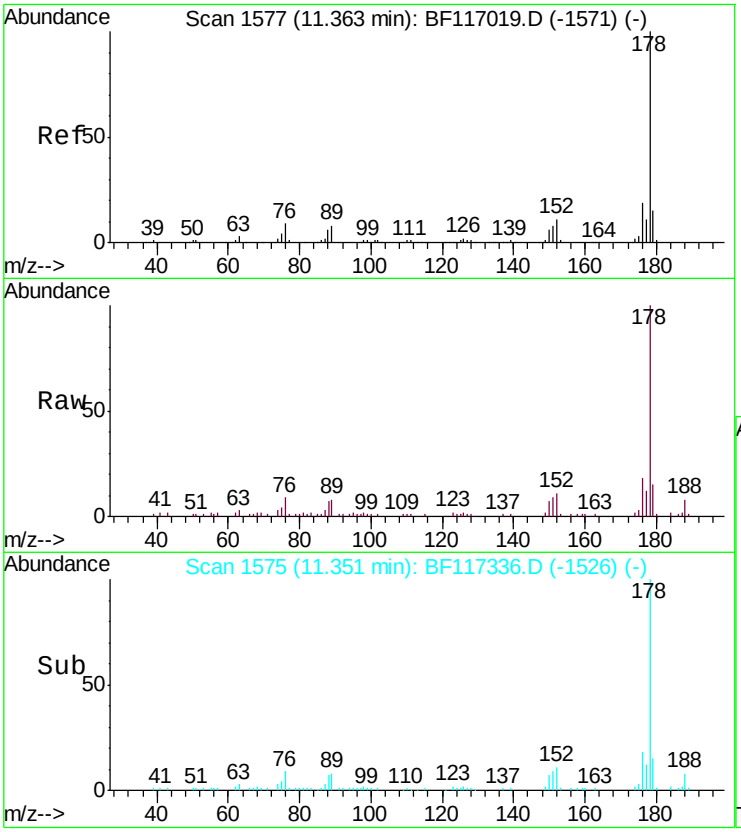


#67
4-Bromophenyl-phenylether
Concen: 3.228 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Tgt Ion:248 Resp: 3059

Ion	Ratio	Lower	Upper
248	100		
250	183.5	76.2	114.4#
141	569.8	75.0	112.4#



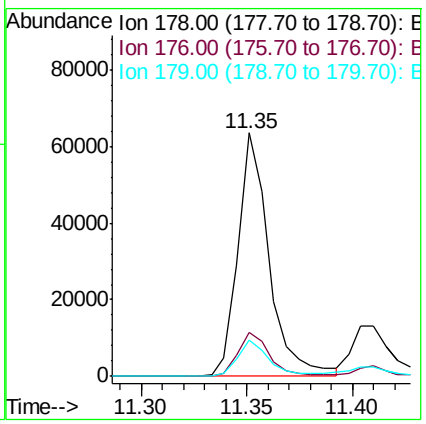


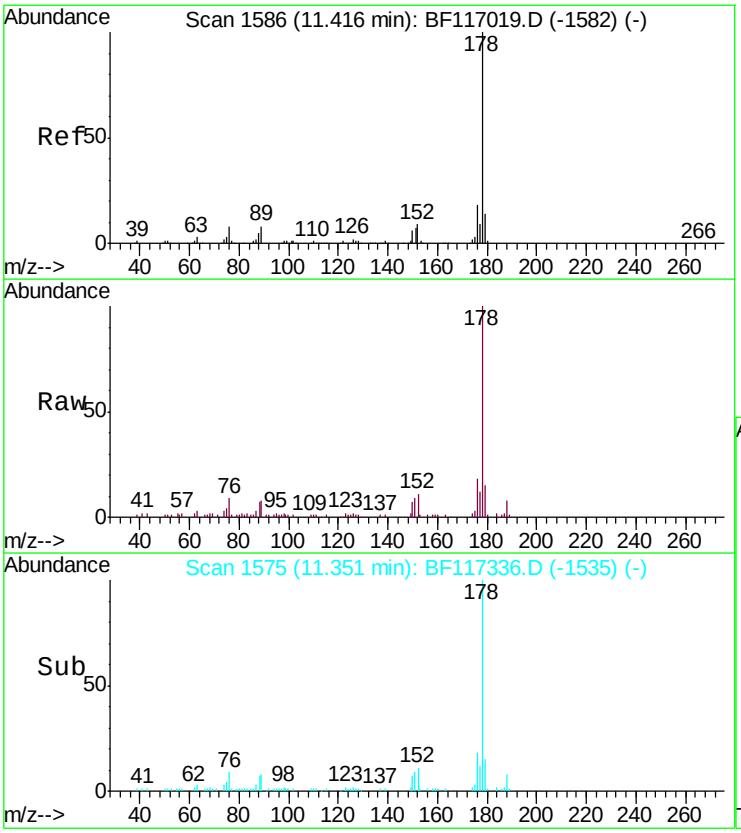
#71
Phenanthrene
Concen: 12.355 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion:178 Resp: 65108

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	15.1	12.4	18.6

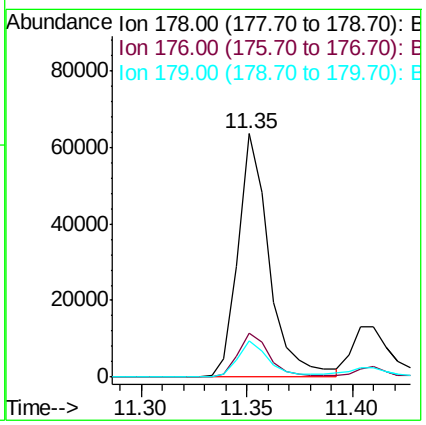


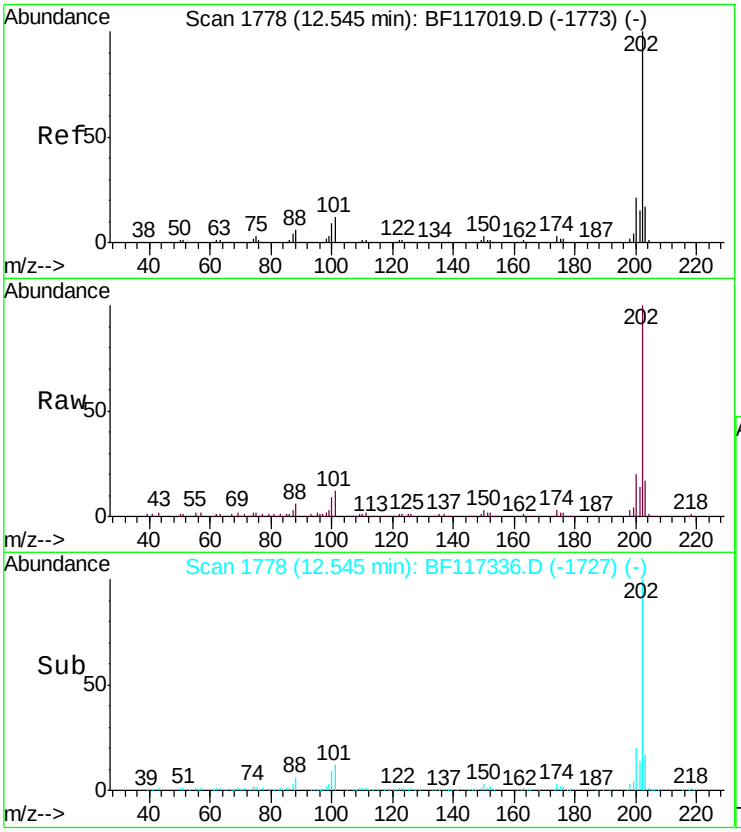


#72
Anthracene
Concen: 12.102 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.06 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Tgt Ion:178 Resp: 65108

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.1	11.6	17.4



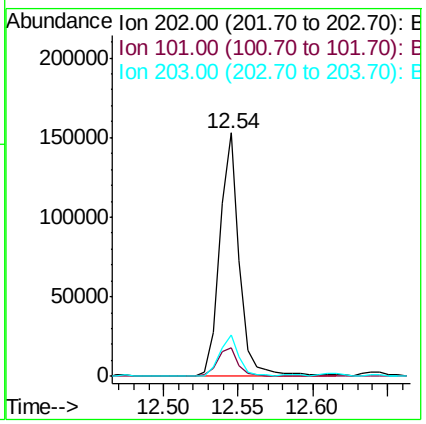


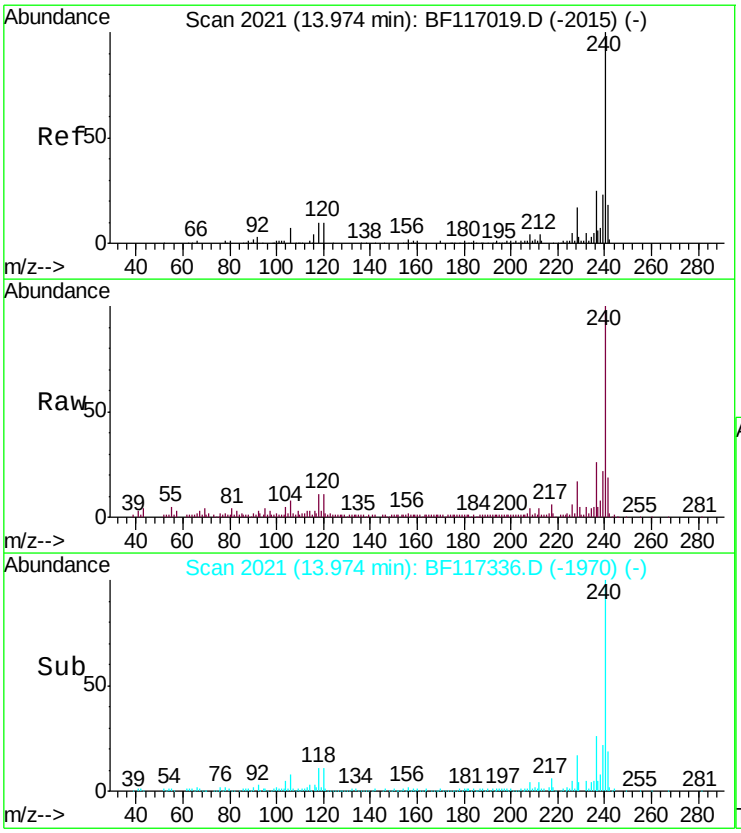
#75
Fluoranthene
Concen: 26.336 ng
RT: 12.54 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion:202 Resp: 142606

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.3
203	17.1	0.0	37.1

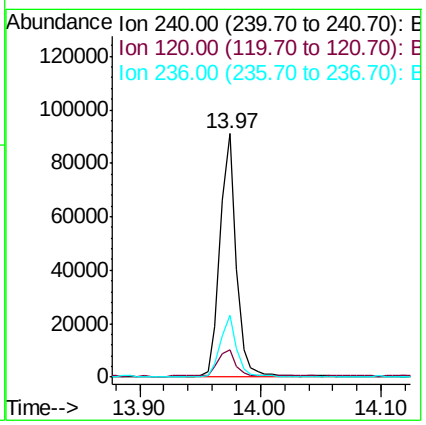


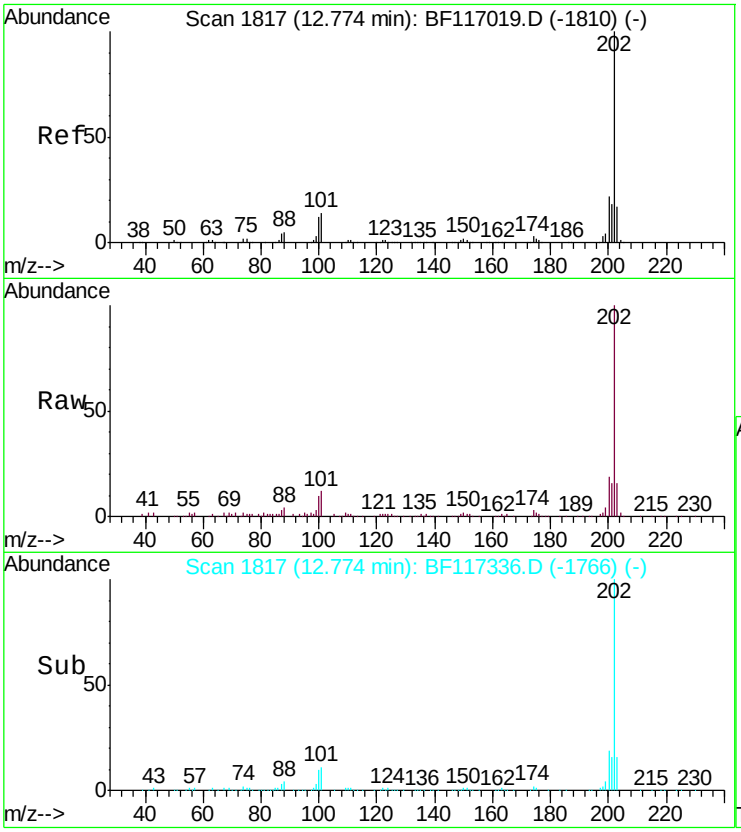


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Tgt Ion:240 Resp: 85038

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	25.6	20.3	30.5



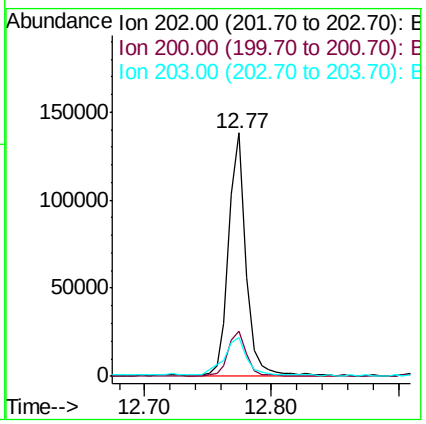


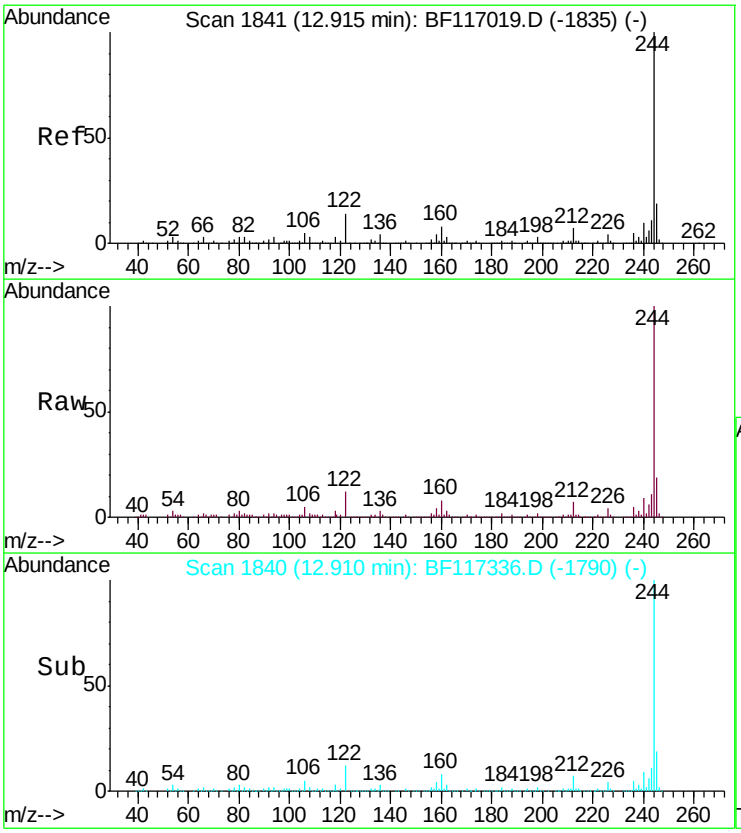
#78
Pyrene
Concen: 18.108 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion:202 Resp: 129203

Ion	Ratio	Lower	Upper
202	100		
200	18.6	17.2	25.8
203	16.1	14.0	21.0

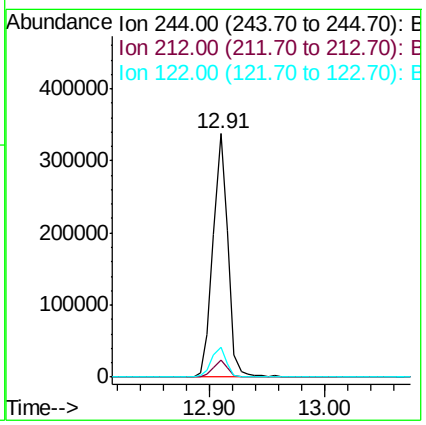


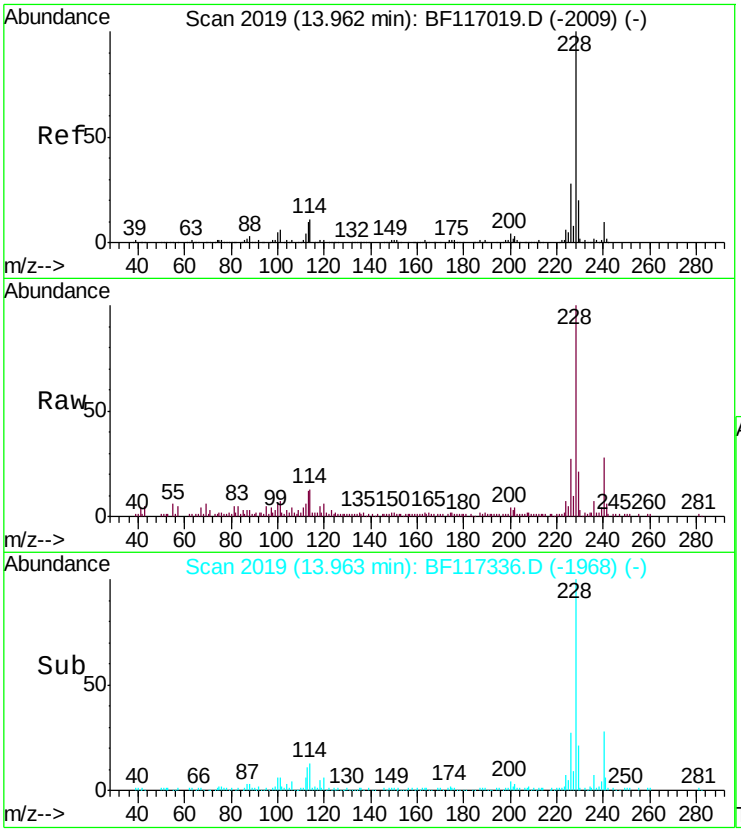


#79
Terphenyl-d14
Concen: 66.770 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Tgt Ion:244 Resp: 303761

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.4	11.3	16.9



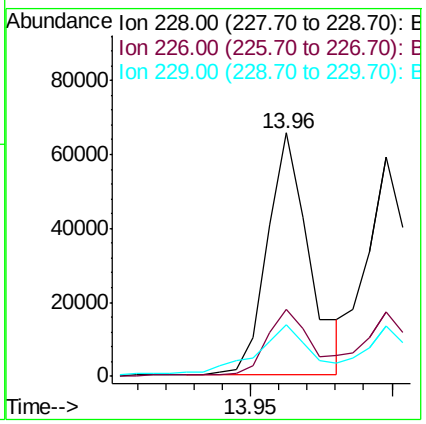


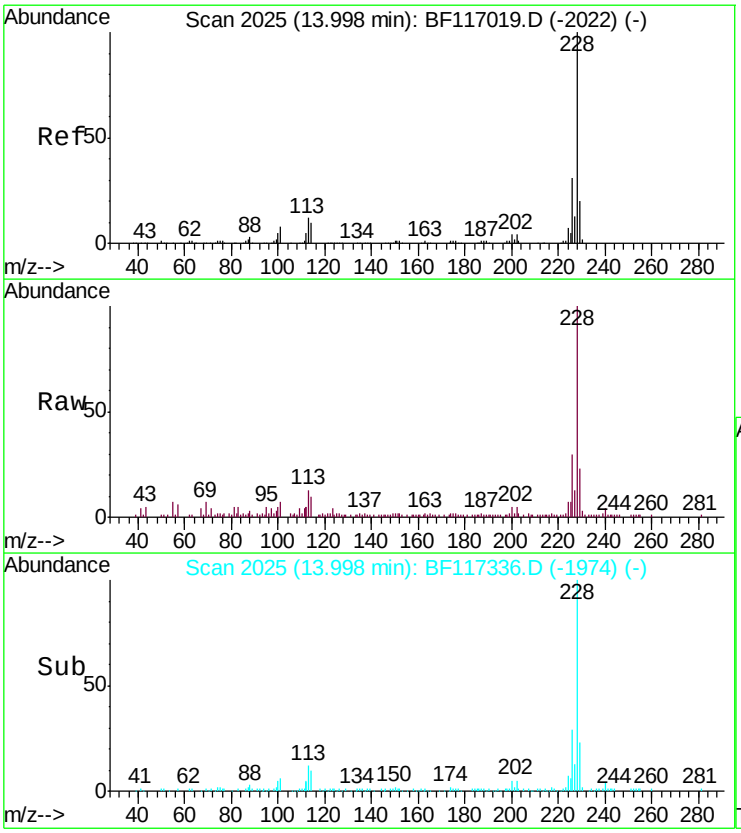
#81
Benzo(a)anthracene
Concen: 11.899 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion:228 Resp: 67605

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.3	33.5
229	21.3	15.9	23.9

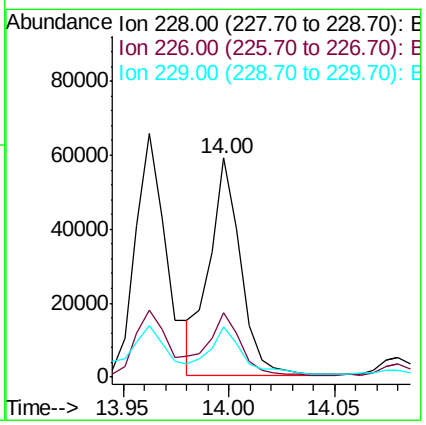


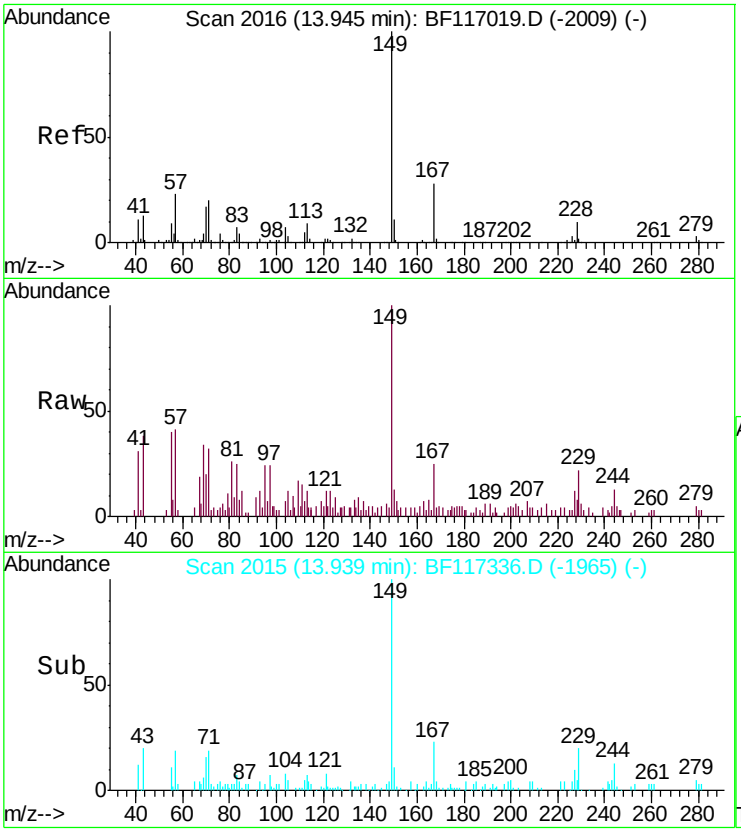


#83
Chrysene
Concen: 11.065 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Tgt Ion:228 Resp: 61313

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.8	37.2
229	23.3	15.8	23.8



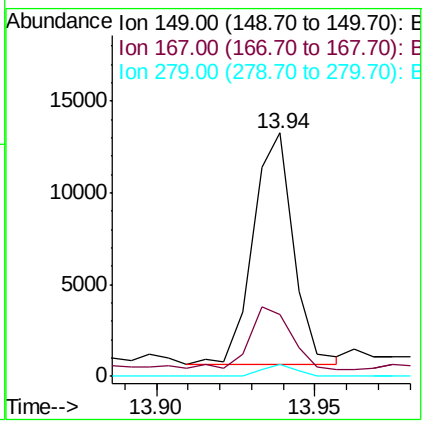


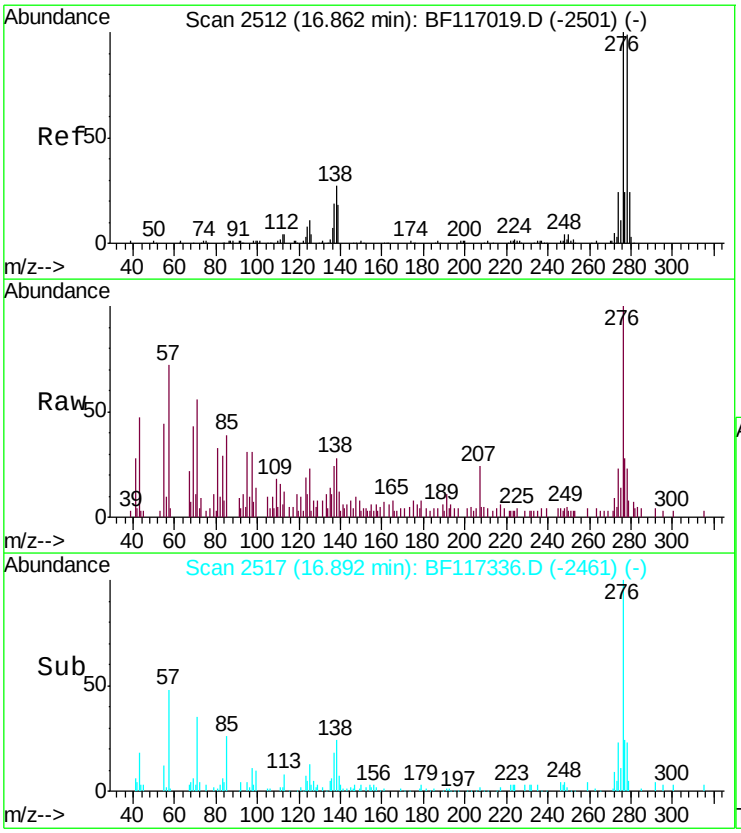
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.567 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion:149 Resp: 11158

Ion	Ratio	Lower	Upper
149	100		
167	25.4	22.2	33.2
279	4.8	2.8	4.2#

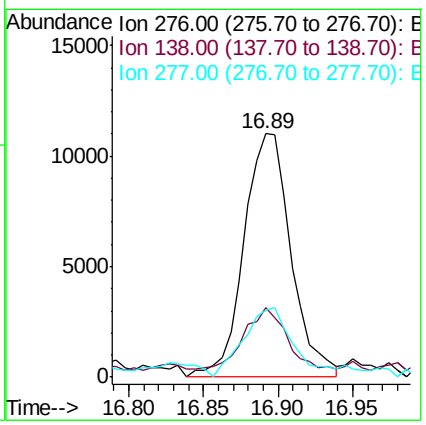


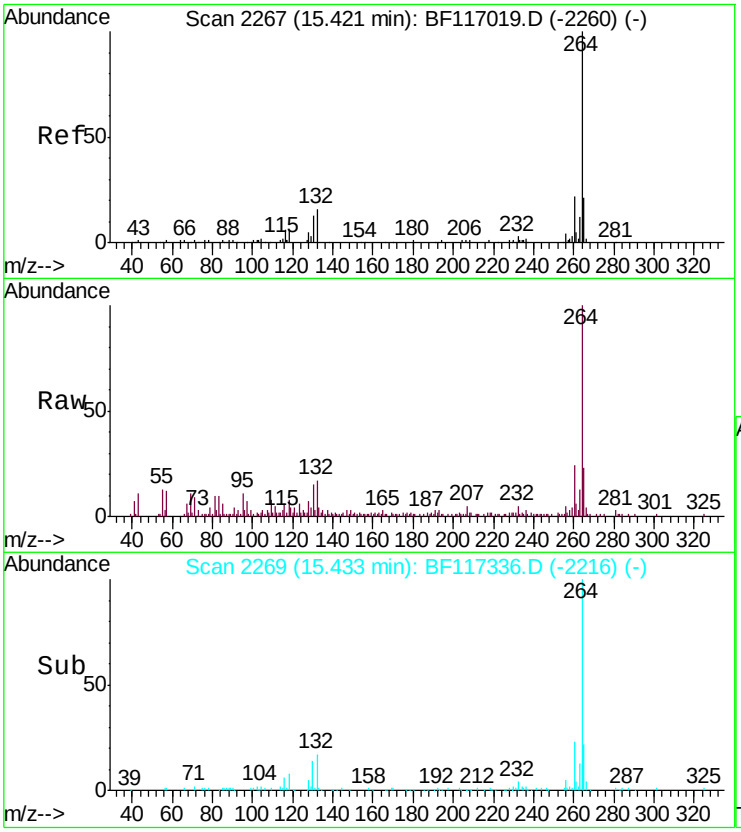


#86
Indeno(1,2,3-cd)pyrene
Concen: 5.952 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.03 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Tgt Ion:276 Resp: 24062

Ion	Ratio	Lower	Upper
276	100		
138	23.0	20.7	31.1
277	32.3	19.8	29.8#



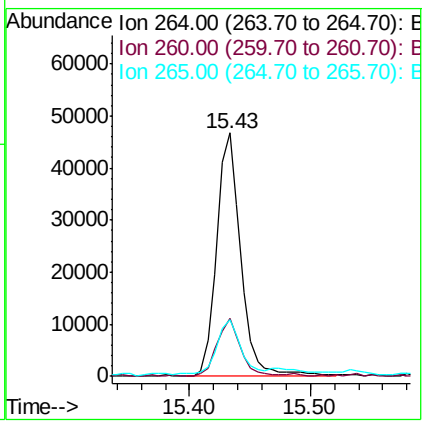


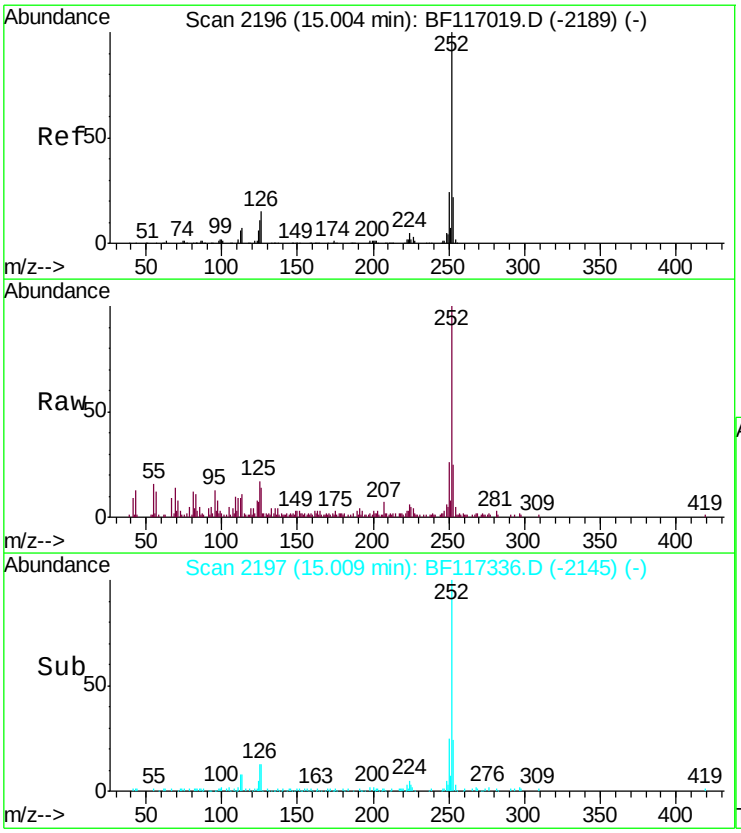
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion:264 Resp: 64209

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.6	26.4
265	23.1	16.6	24.8

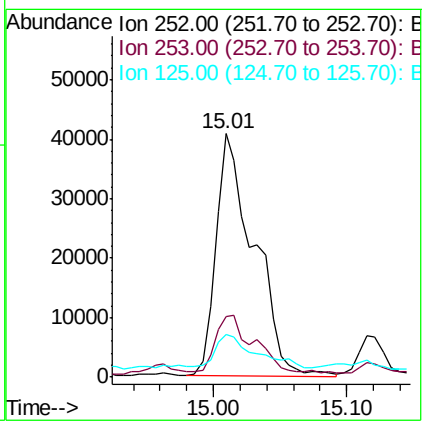


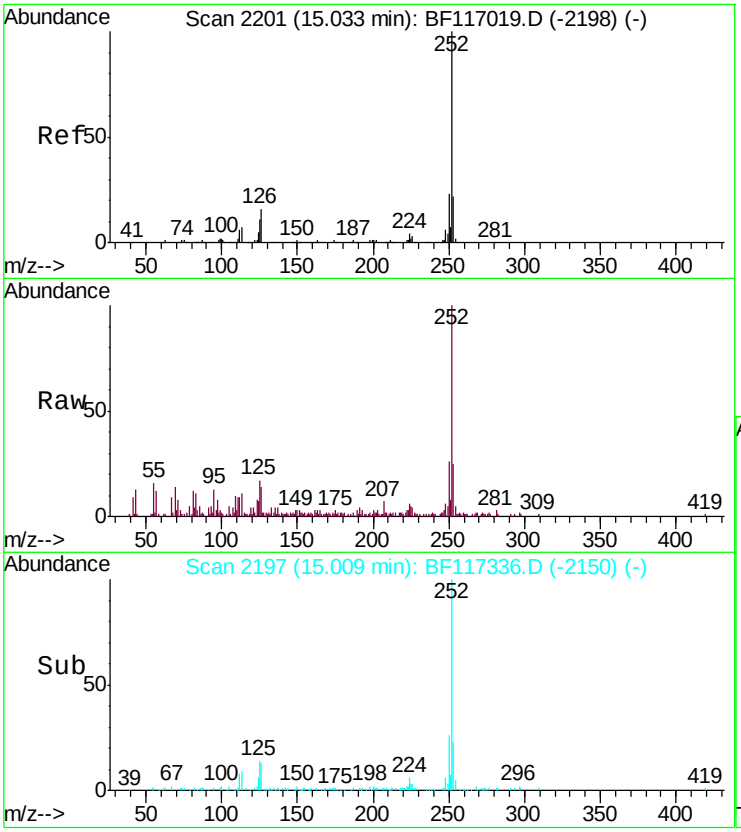


#88
Benzo(b)fluoranthene
Concen: 20.710 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Tgt Ion:252 Resp: 80549

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.6	26.4
125	17.3	8.6	12.8#



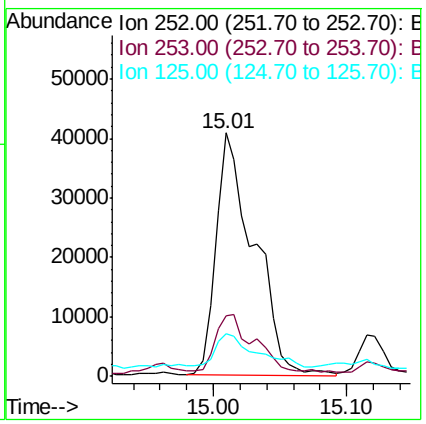


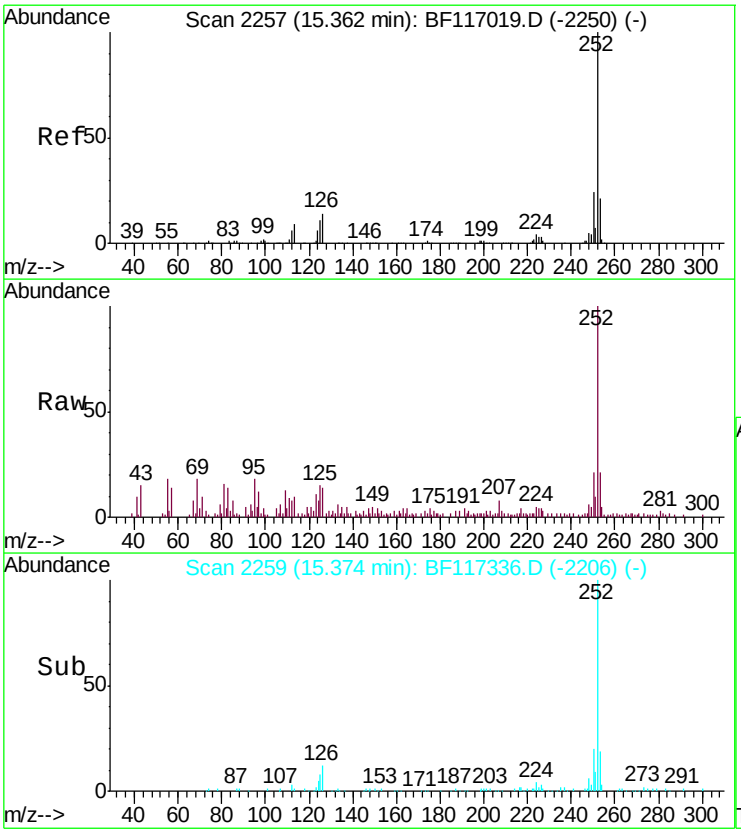
#89
Benzo(k)fluoranthene
Concen: 21.863 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion:252 Resp: 80549

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.4	26.2
125	17.3	8.8	13.2#

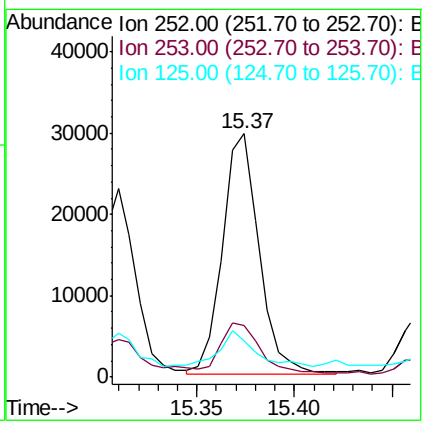


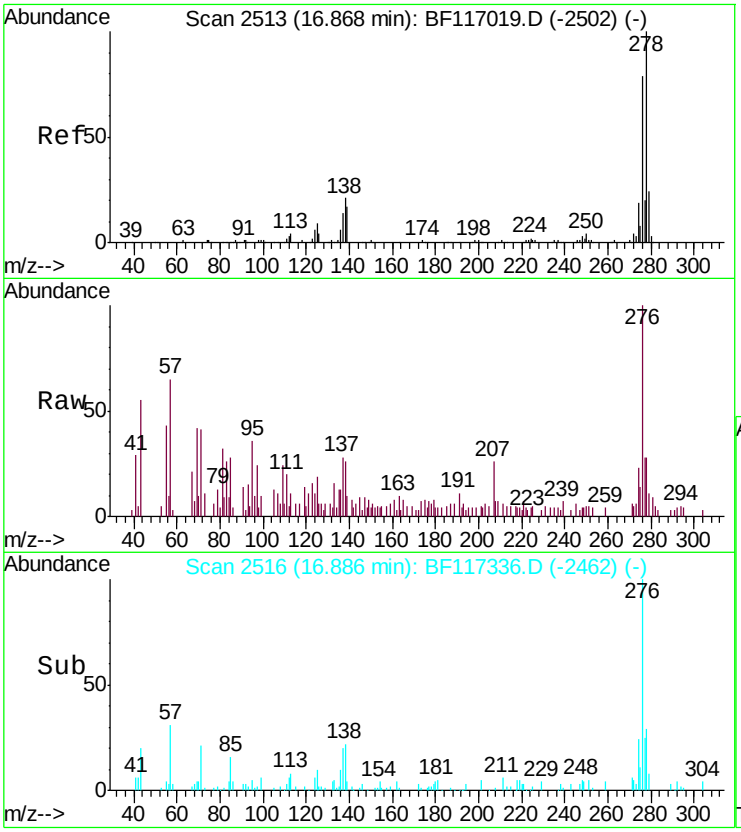


#90
Benzo(a)pyrene
Concen: 11.244 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Tgt Ion:252 Resp: 38376

Ion	Ratio	Lower	Upper
252	100		
253	21.2	16.6	25.0
125	14.7	8.9	13.3#



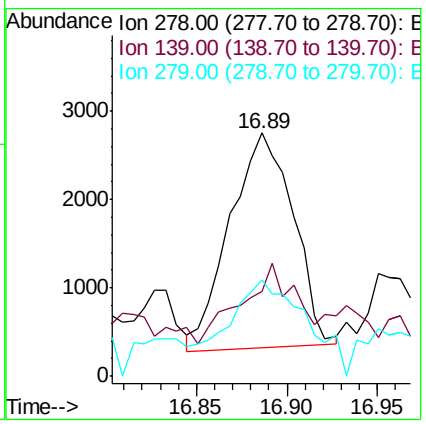


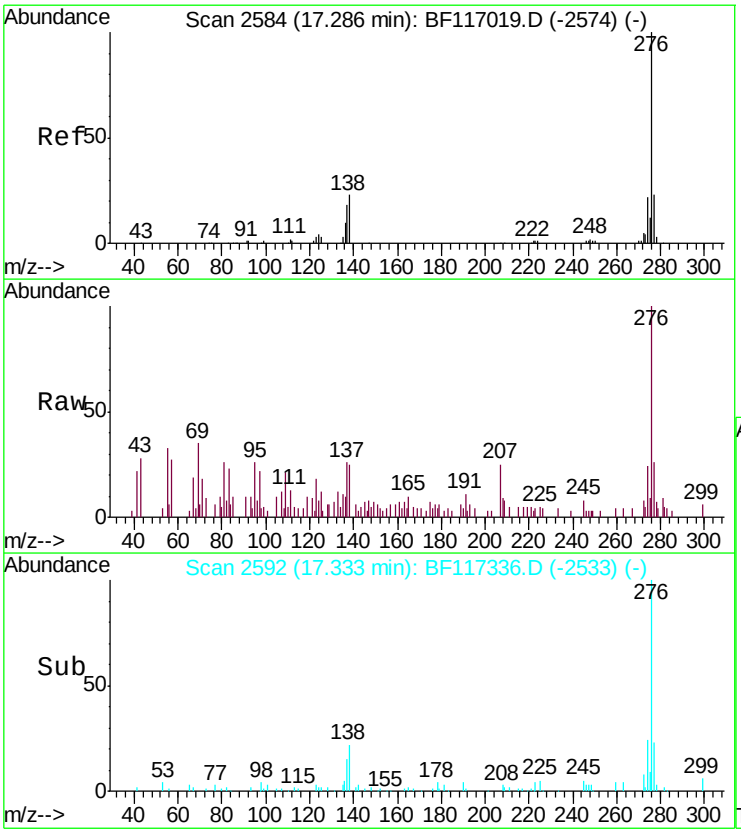
#91
Dibenzo(a,h)anthracene
Concen: 2.184 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.02 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tgt Ion:278 Resp: 5937

Ion	Ratio	Lower	Upper
278	100		
139	34.9	13.5	20.3#
279	39.5	18.8	28.2#





#92
Benzo(g,h,i)perylene
Concen: 8.946 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.05 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Tgt Ion:276 Resp: 24237

Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.6	27.8
138	25.1	18.0	27.0