Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100919\
Data File : BF117356.D
Acq On : 9 Oct 2019 15:45
Operator : JU
Sample : K5281-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 09 22:52:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:26:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	42993	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	175369	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	89274	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	128502	20.00	ng		0.00
76) Chrysene-d12	13.97	240	85389	20.00	ng		0.00
87) Perylene-d12	15.43	264	101842	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	252429	91.67	ng		0.00
7) Phenol-d6	6.45	99	351596	98.79	ng		0.00
23) Nitrobenzene-d5	7.36	82	225263	67.49	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	66345	88.92	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	393586	68.93	ng		0.00
79) Terphenyl-d14	12.90	244	278657	61.00	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	574	Below Cal		#	1
10) Phenol	6.46	94	11751	2.995	ng		84
19) n-Nitroso-di-n-propylamine	7.36	70	28008	12.924	ng	#	84
25) Isophorone	7.36	82	225261	38.118	ng	#	66
50) Dimethylphthalate	9.55	163	83790	13.256	ng		98
57) 2,4-Dinitrotoluene	9.83	165	10825	6.478	ng	#	18
67) 4-Bromophenyl-phenylether	10.63	248	3987	3.038	ng	#	1
71) Phenanthrene	11.35	178	19028	2.607	ng		97
75) Fluoranthene	12.54	202	43045	5.740	ng		95
78) Pyrene	12.77	202	34350	4.794	ng		99
81) Benzo(a)anthracene	13.96	228	16850	2.954	ng		98
83) Chrysene	13.99	228	17147	3.082	ng		96
86) Indeno(1,2,3-cd)pyrene	16.89	276	8930	2.200	ng		97
88) Benzo(b)fluoranthene	15.00	252	28867	4.679	ng	#	87
89) Benzo(k)fluoranthene	15.00	252	28867	4.940	ng	#	87
90) Benzo(a)pyrene	15.37	252	15335	2.833	ng	#	82

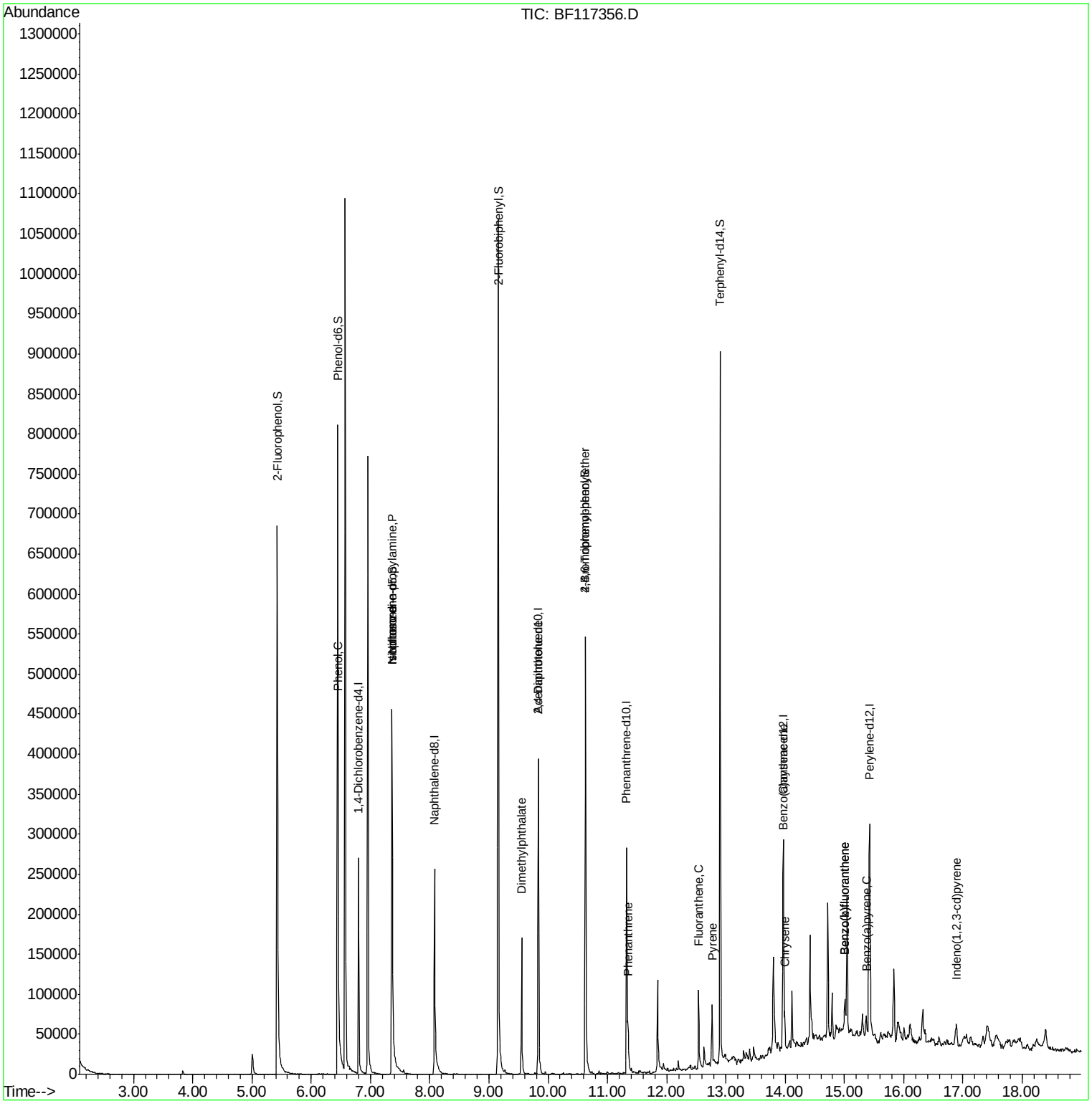
(#) = qualifier out of range (m) = manual integration (+) = signals summed

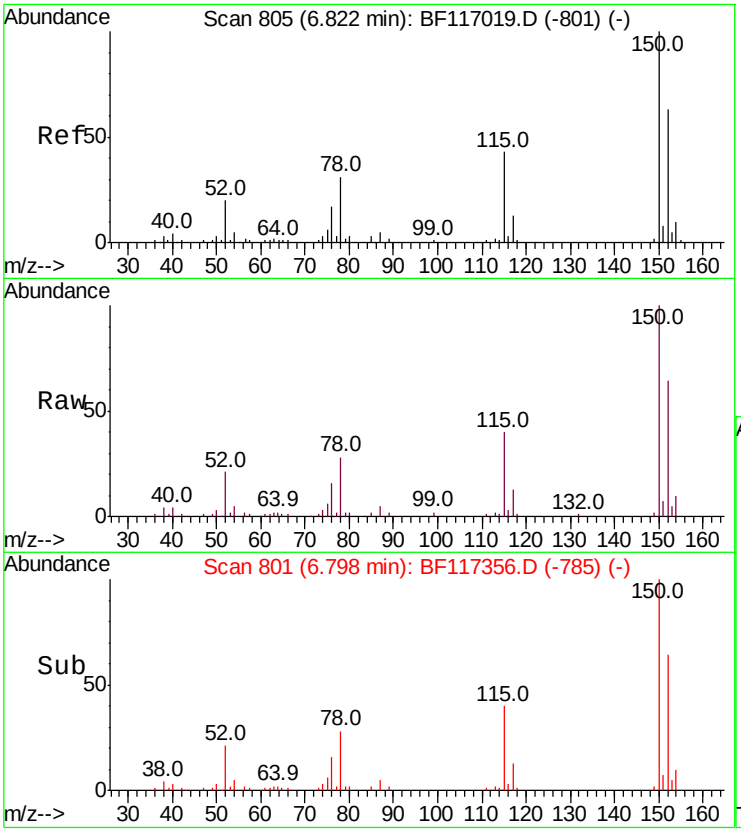
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100919\
Data File : BF117356.D
Acq On : 9 Oct 2019 15:45
Operator : JU
Sample : K5281-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 09 22:52:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:26:00 2019
Response via : Initial Calibration



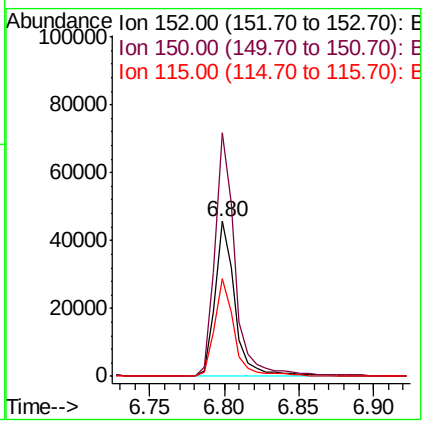


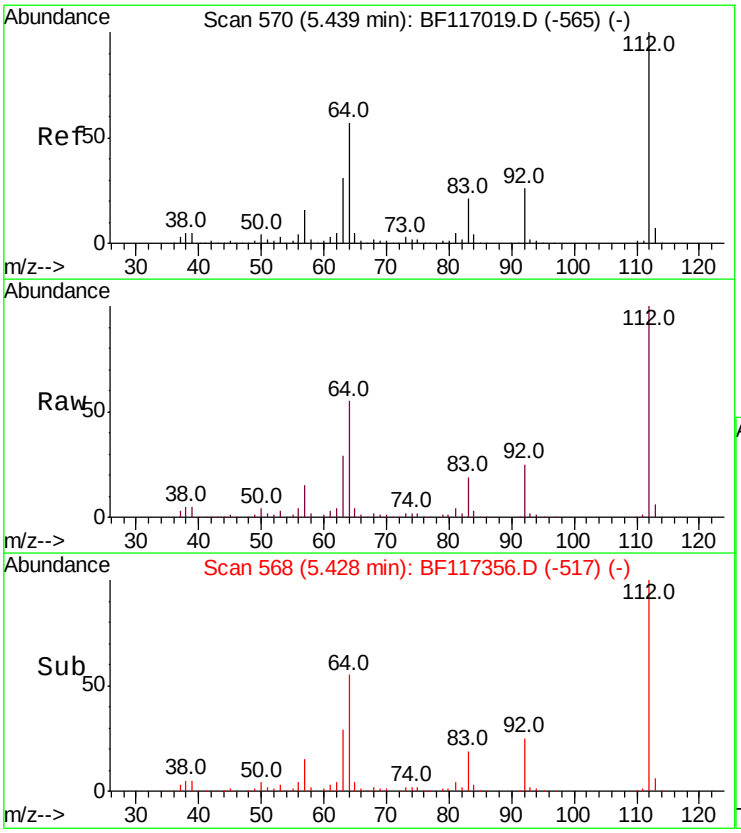
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 42993

Ion	Ratio	Lower	Upper
152	100		
150	156.9	127.5	191.3
115	63.0	55.0	82.4

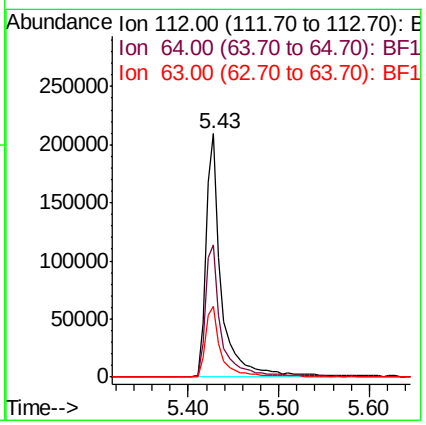


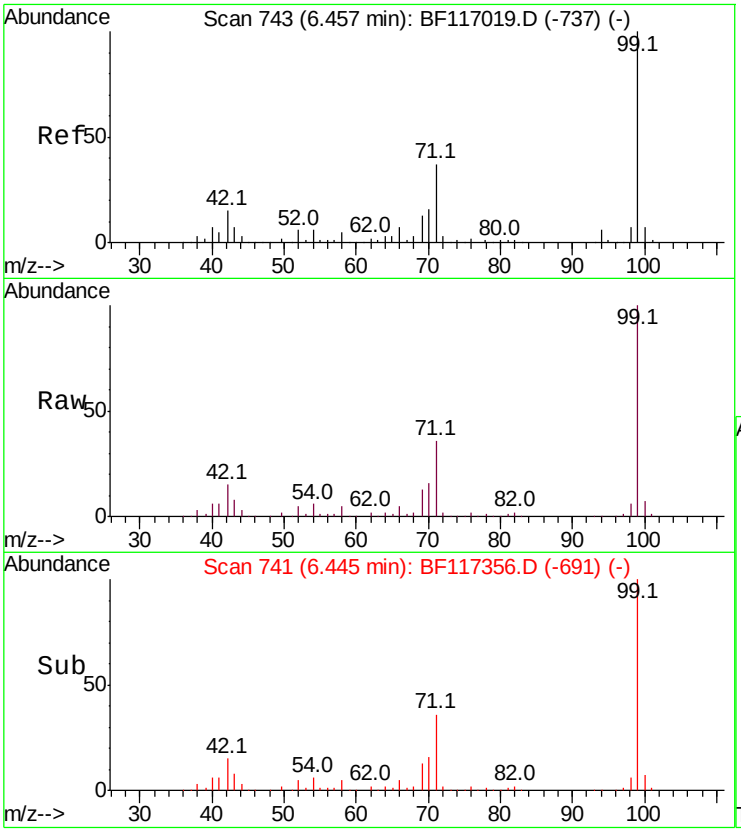


#5
2-Fluorophenol
Concen: 91.667 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Tgt Ion:112 Resp: 252429

Ion	Ratio	Lower	Upper
112	100		
64	54.5	45.7	68.5
63	29.3	24.9	37.3



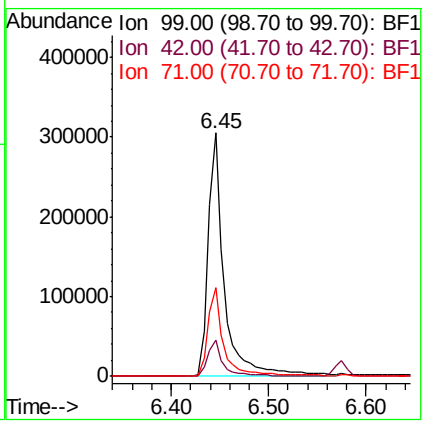


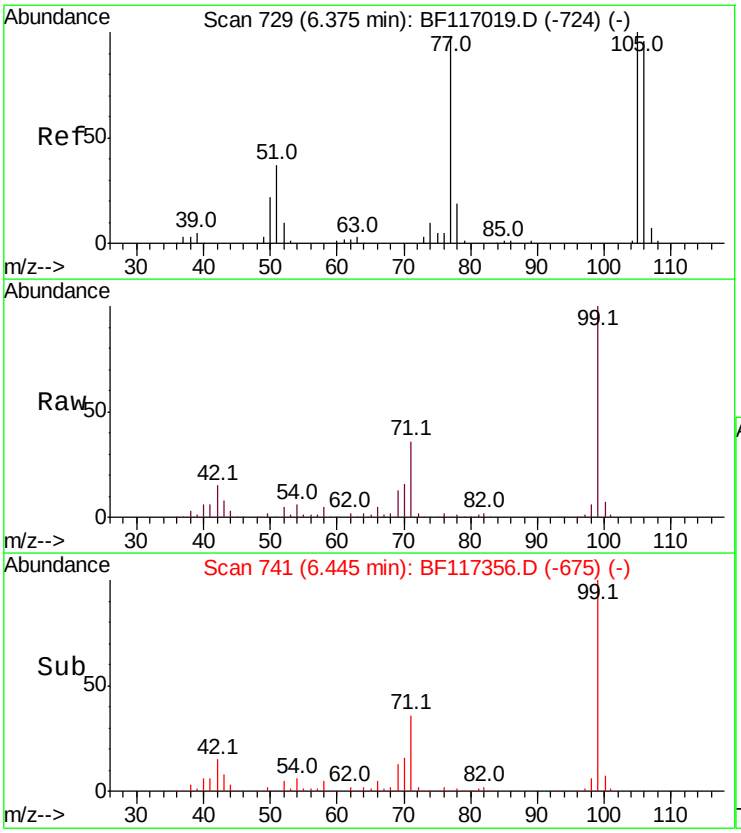
#7
Phenol-d6
Concen: 98.795 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 351596

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.2	18.2
71	36.5	29.8	44.8

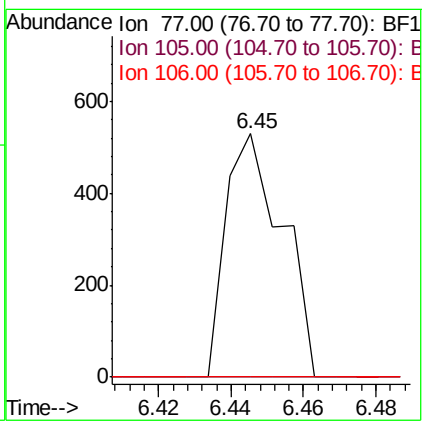


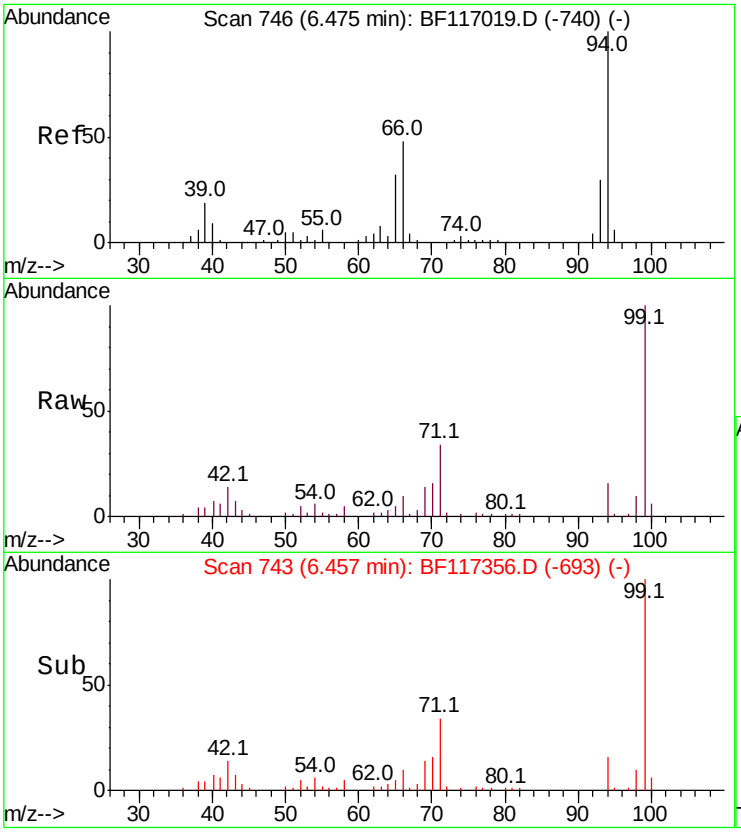


#9
Benzaldehyde
Concen: Below Cal
RT: 6.45 min Scan# 741
Delta R.T. 0.09 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Tgt Ion: 77 Resp: 574

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



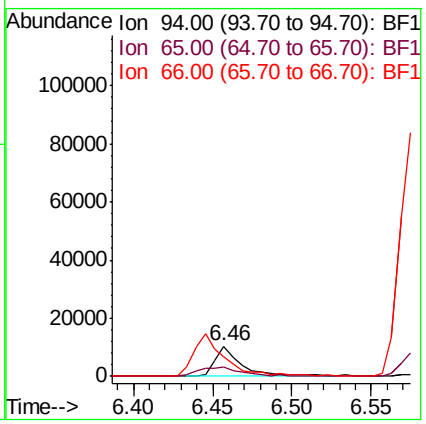


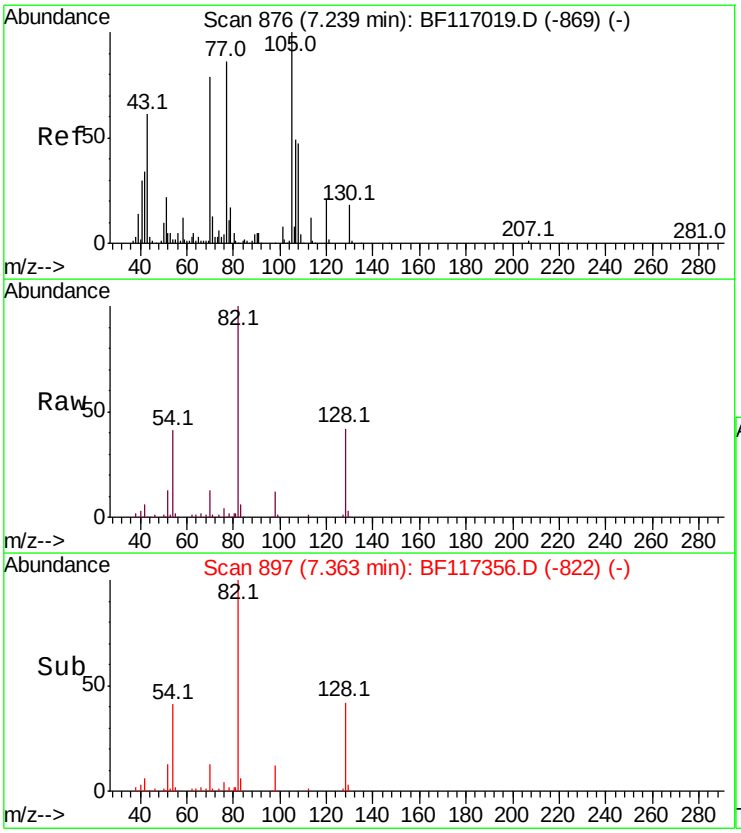
#10
Phenol
Concen: 2.995 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 11751

Ion	Ratio	Lower	Upper
94	100		
65	30.0	12.5	52.5
66	64.7	28.9	68.9

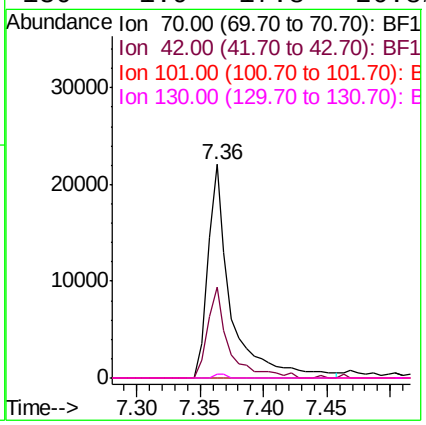


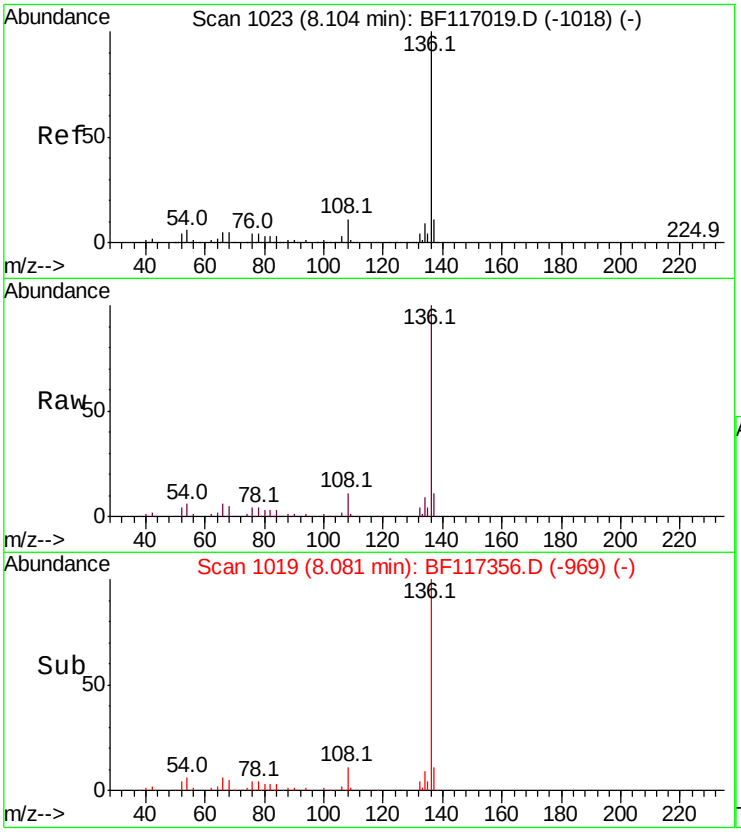


#19
n-Nitroso-di-n-propylamine
Concen: 12.924 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Tgt Ion: 70 Resp: 28008

Ion	Ratio	Lower	Upper
70	100		
42	42.3	34.0	51.0
101	0.0	7.8	11.6#
130	1.9	17.8	26.8#



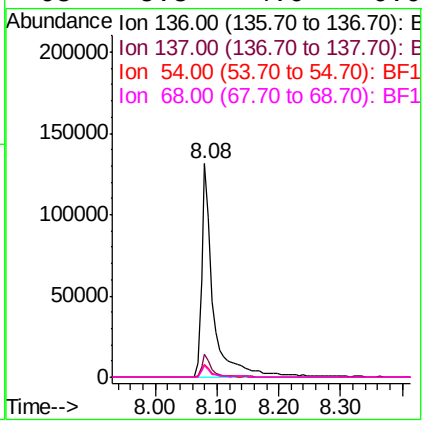


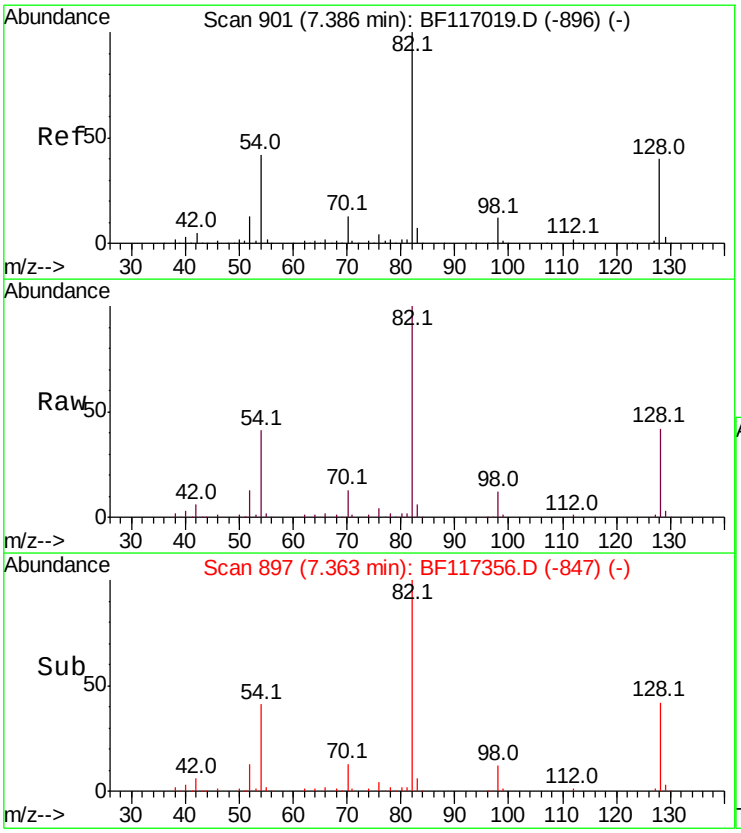
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 175369

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	5.8	4.5	6.7
68	5.3	4.0	6.0

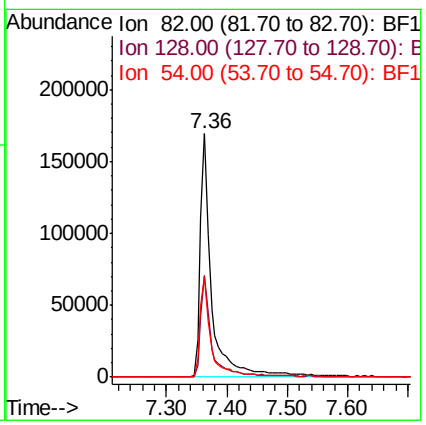


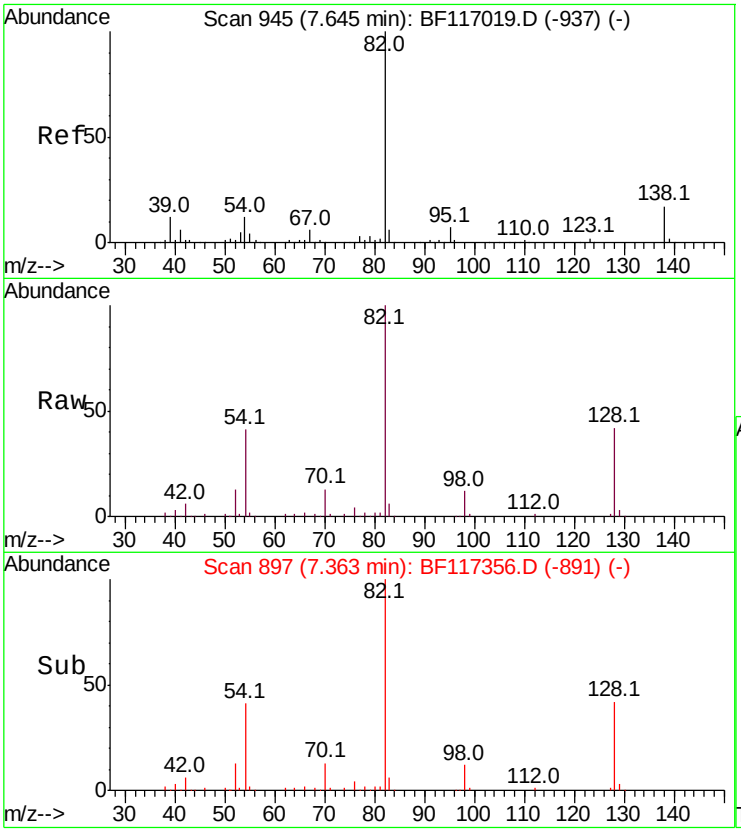


#23
Nitrobenzene-d5
Concen: 67.491 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Tgt Ion: 82 Resp: 225263

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.3	48.5
54	41.0	33.3	49.9



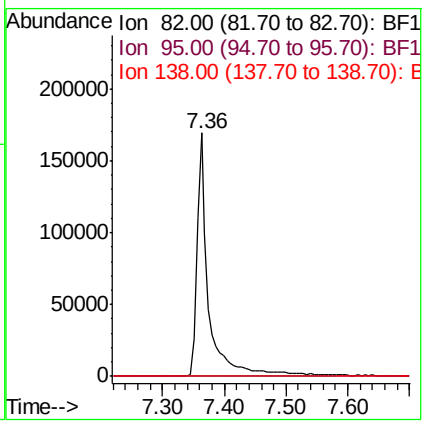


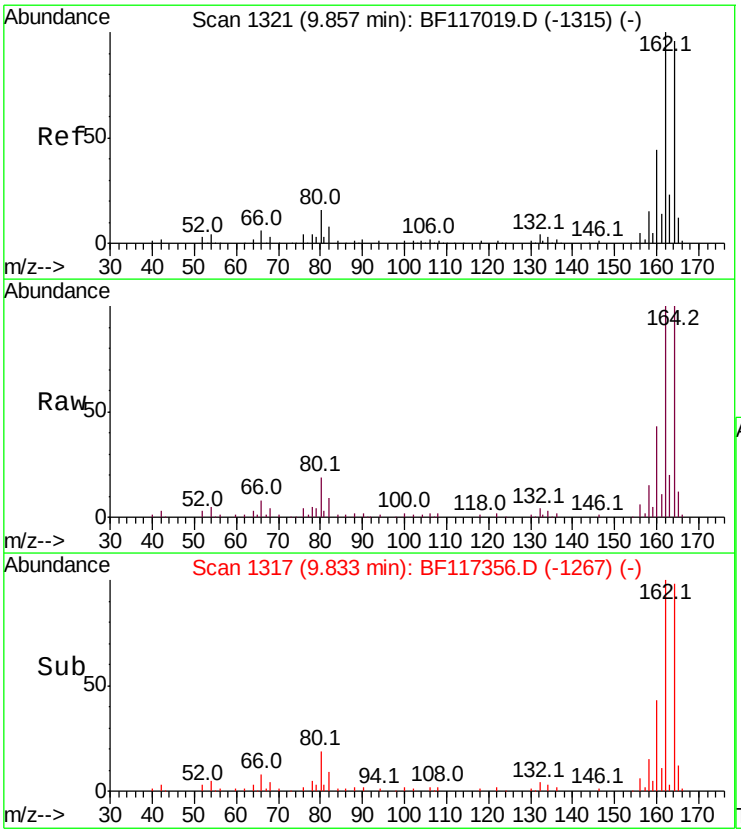
#25
Isophorone
Concen: 38.118 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 225261

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

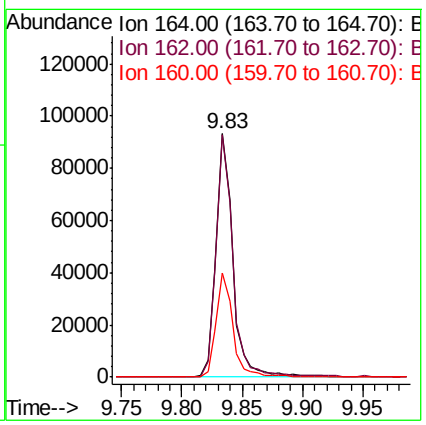


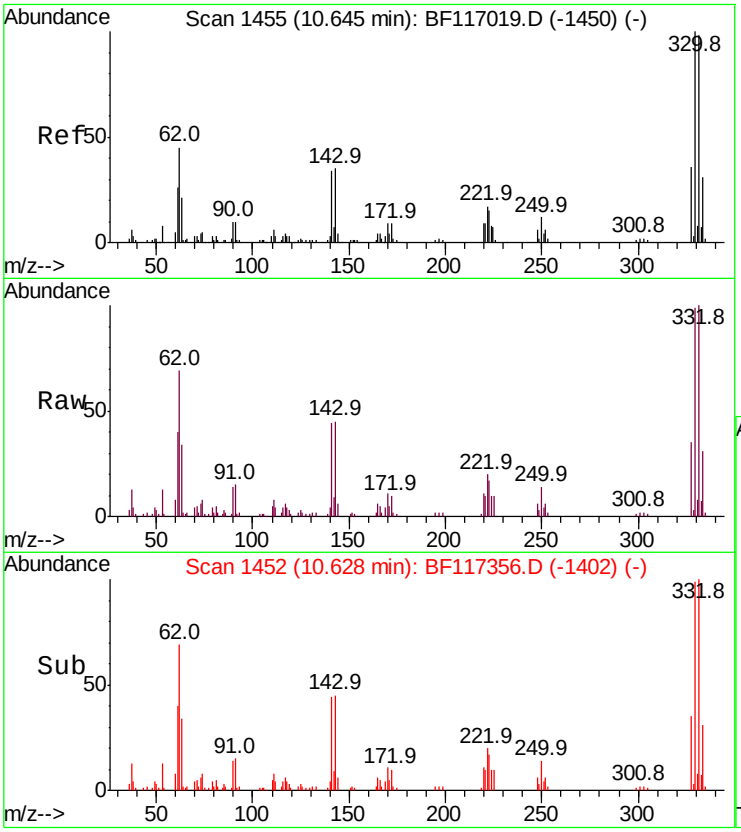


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Tgt Ion:164 Resp: 89274

Ion	Ratio	Lower	Upper
164	100		
162	99.7	83.4	125.2
160	42.7	36.4	54.6



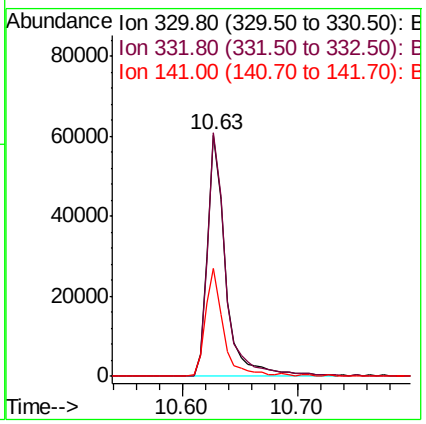


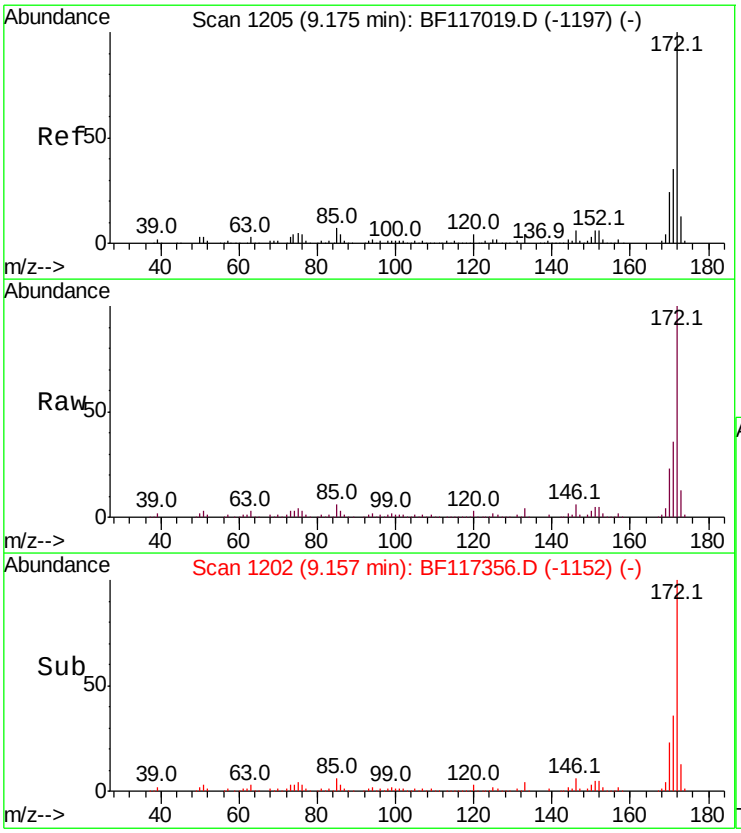
#42
2,4,6-Tribromophenol
Concen: 88.919 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 66345

Ion	Ratio	Lower	Upper
330	100		
332	99.9	78.0	117.0
141	44.1	35.8	53.6

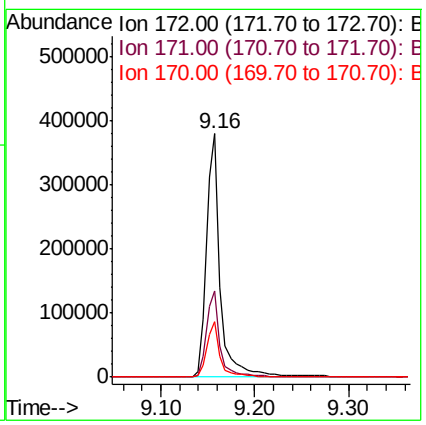


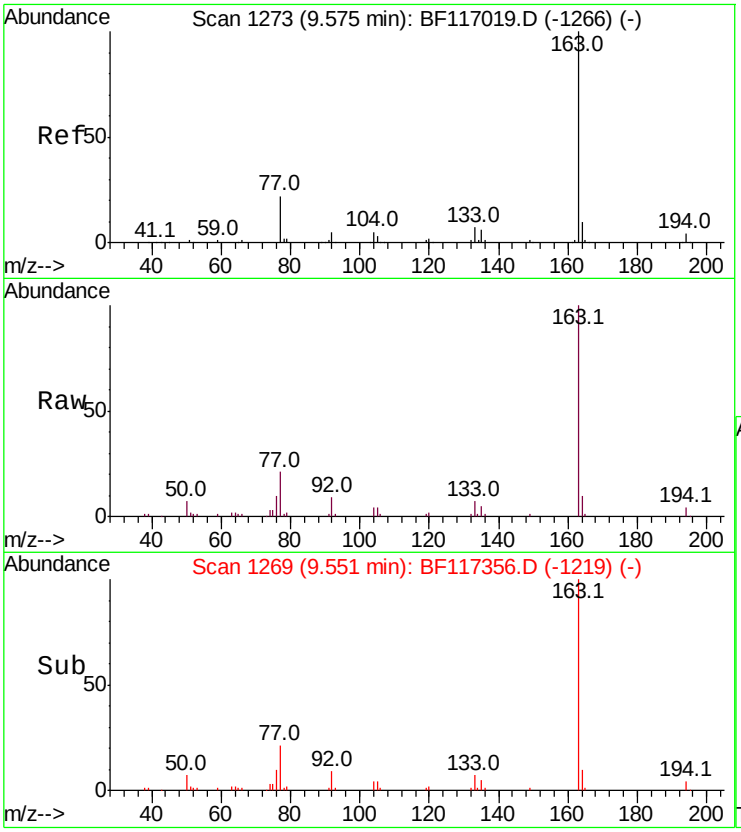


#45
2-Fluorobiphenyl
Concen: 68.934 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Tgt Ion:172 Resp: 393586

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	22.7	18.9	28.3



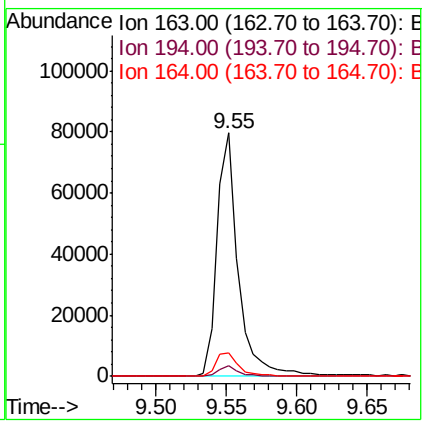


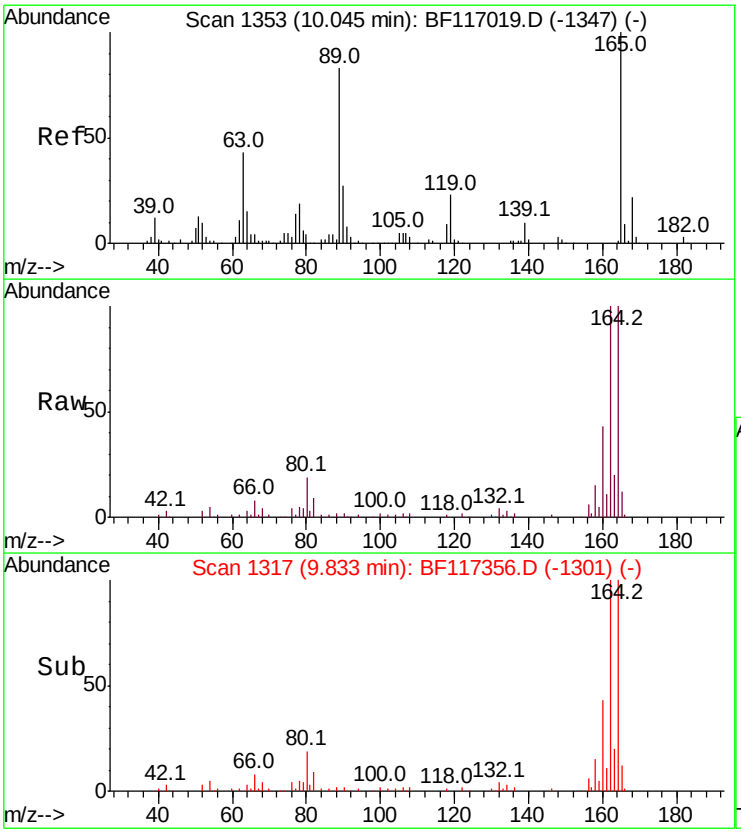
#50
Dimethylphthalate
Concen: 13.256 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 83790

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.9	4.3
164	9.8	8.2	12.4

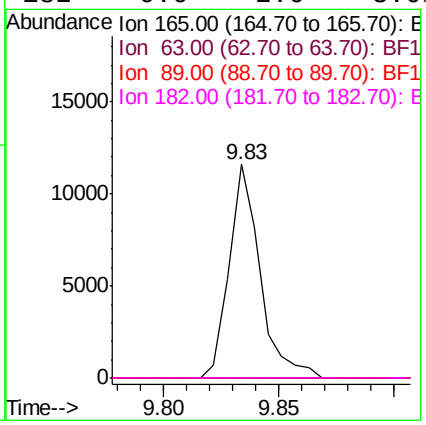


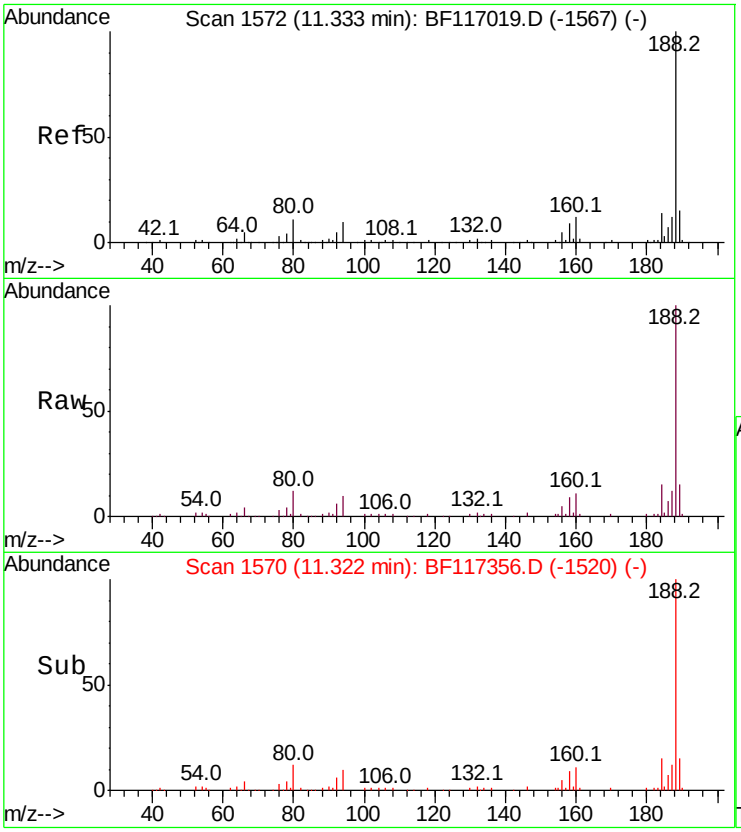


#57
2,4-Dinitrotoluene
Concen: 6.478 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.21 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Tgt Ion:165 Resp: 10825

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#



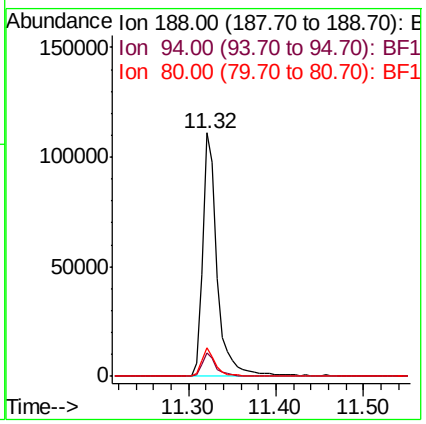


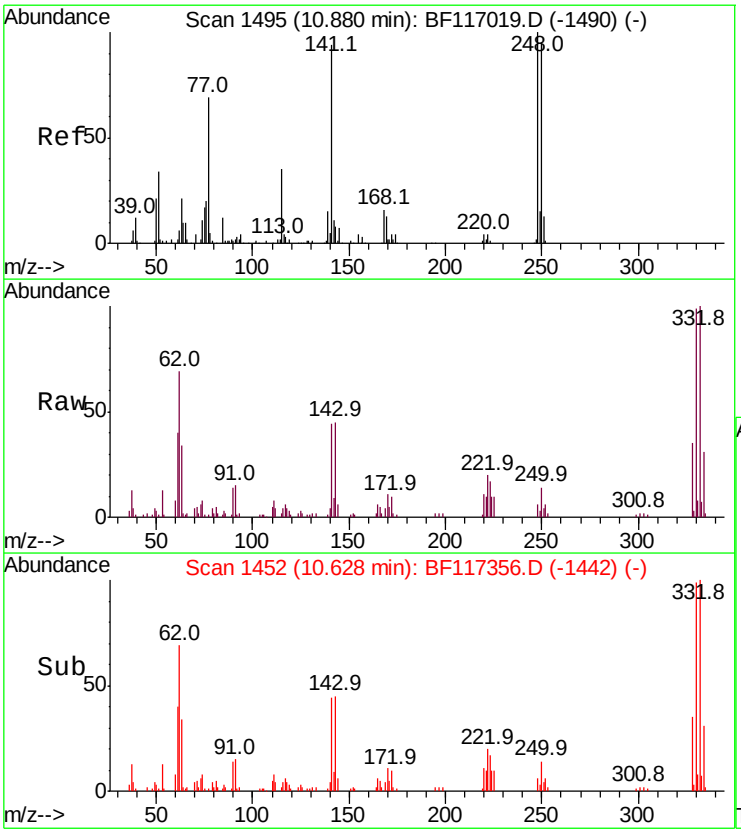
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 128502

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.2
80	11.5	9.0	13.6

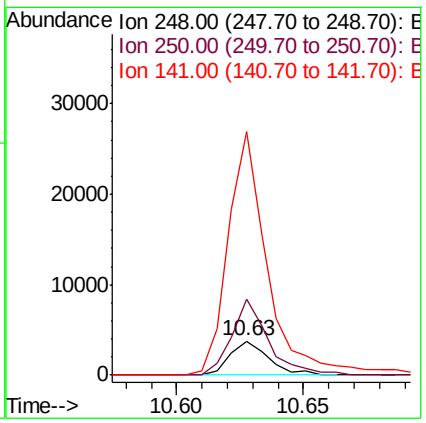


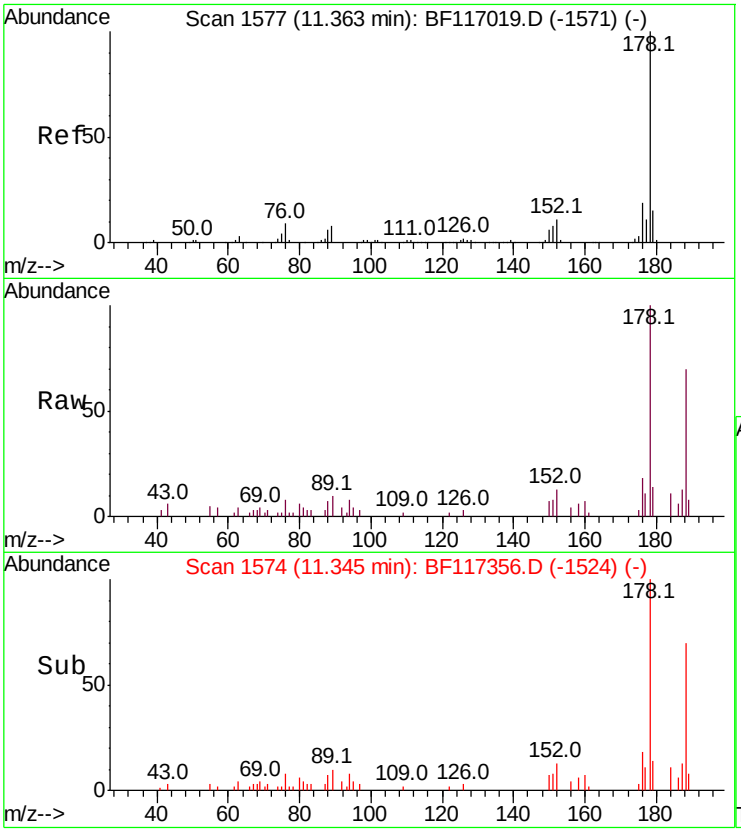


#67
4-Bromophenyl-phenylether
Concen: 3.038 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Tgt Ion:248 Resp: 3987

Ion	Ratio	Lower	Upper
248	100		
250	222.1	76.2	114.4#
141	714.4	75.0	112.4#



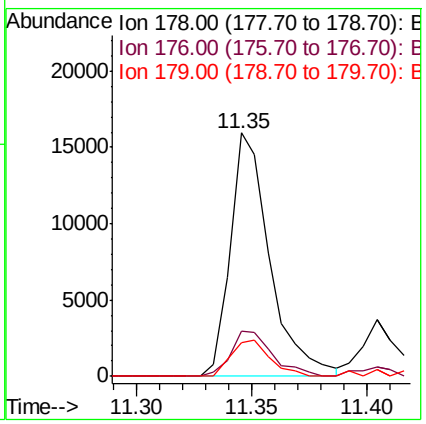


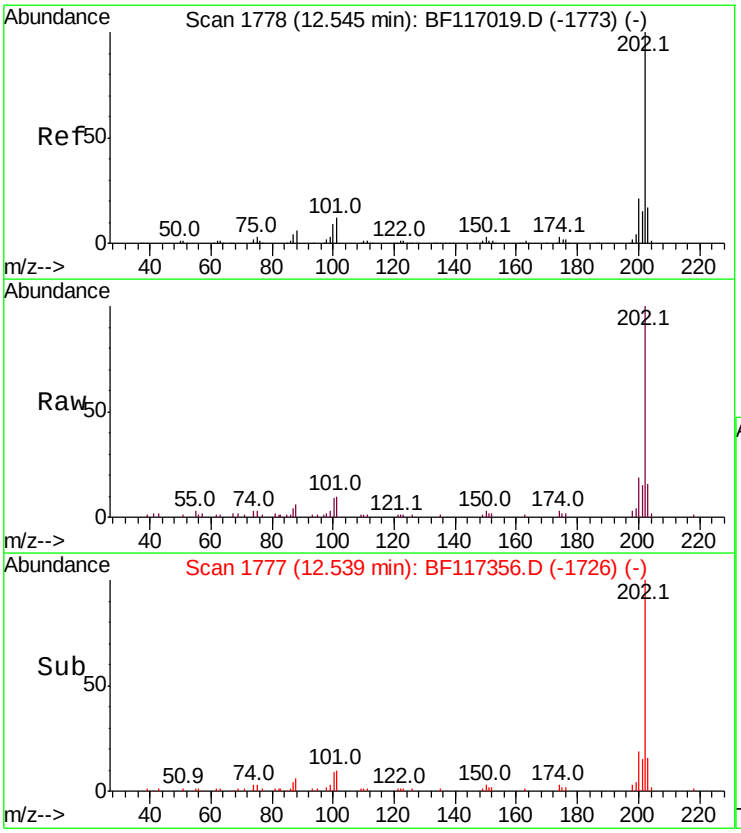
#71
Phenanthrene
Concen: 2.607 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 19028

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	13.9	12.4	18.6

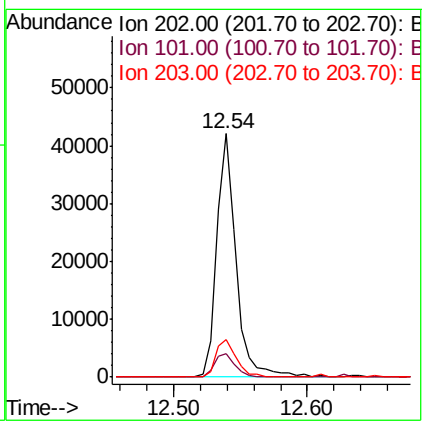


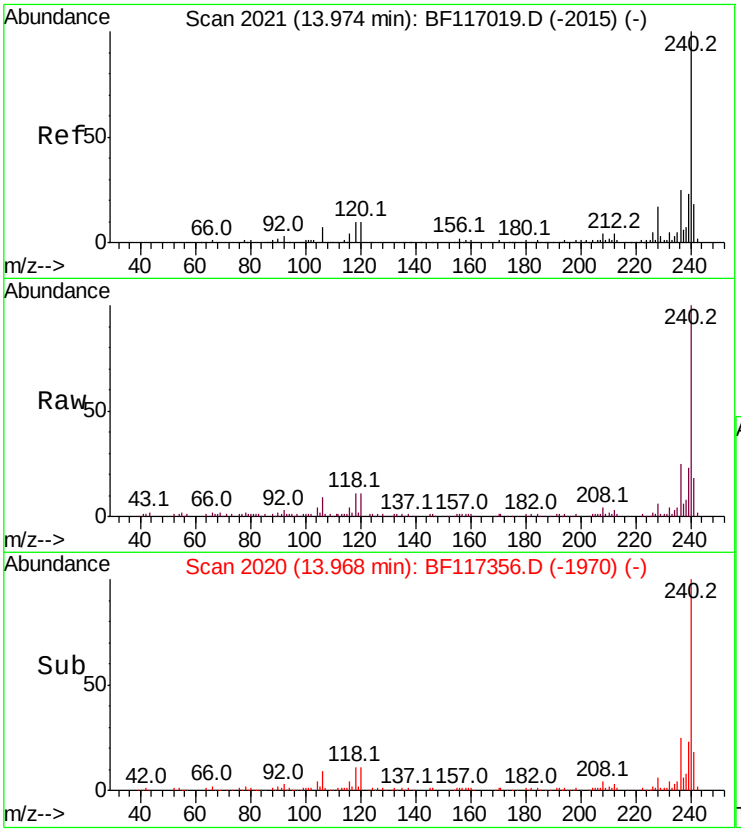


#75
Fluoranthene
Concen: 5.740 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Tgt Ion:202 Resp: 43045

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	32.3
203	15.6	0.0	37.1



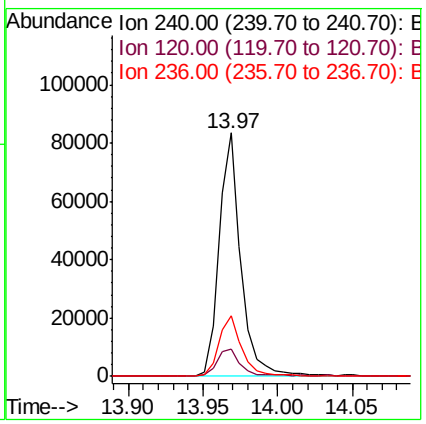


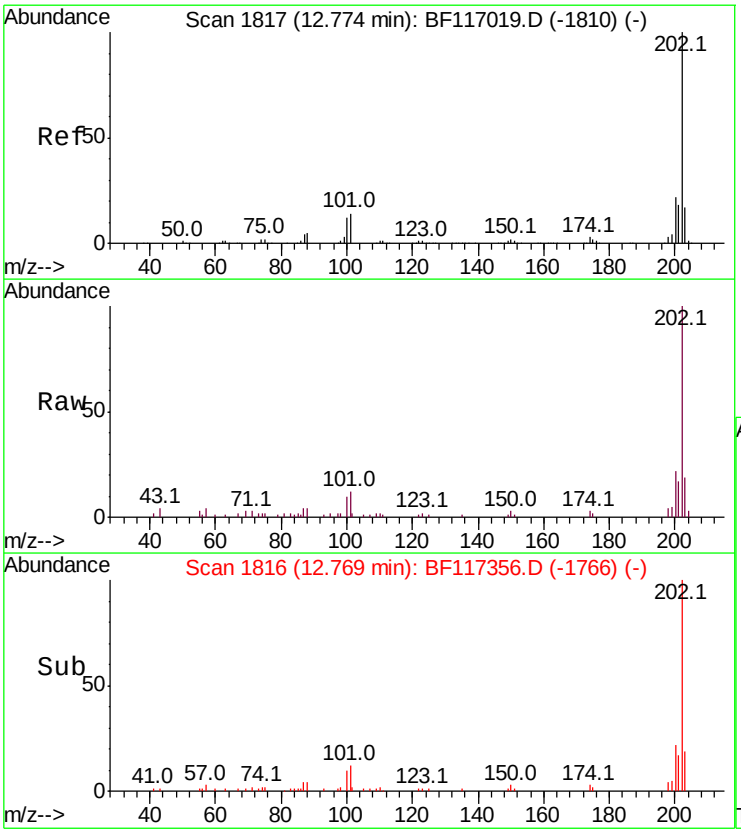
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 85389

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	24.8	20.3	30.5

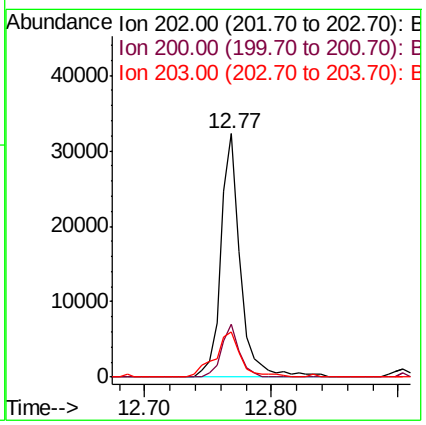


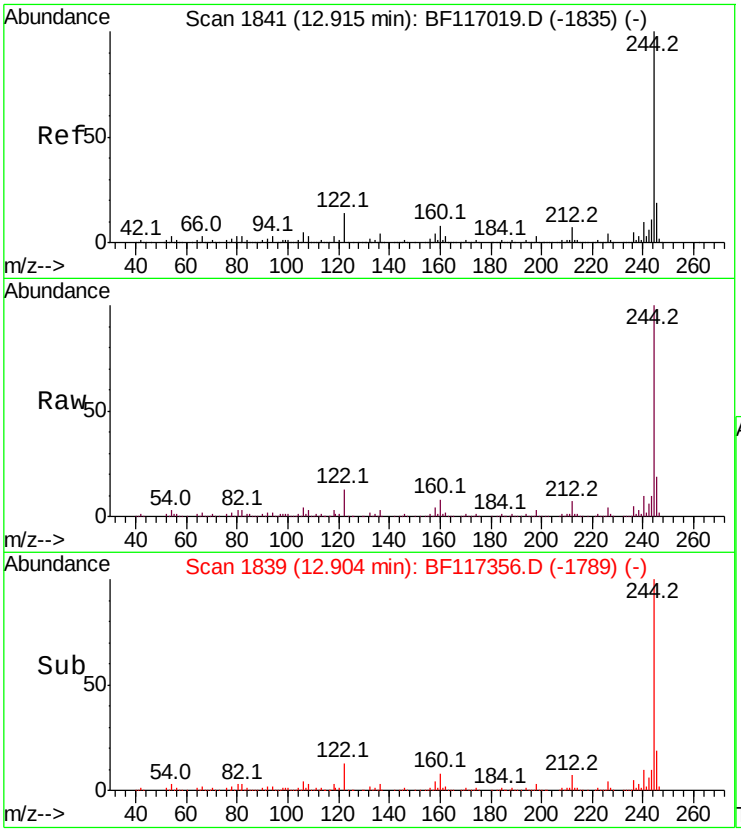


#78
Pyrene
Concen: 4.794 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Tgt Ion:202 Resp: 34350

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.2	25.8
203	18.6	14.0	21.0



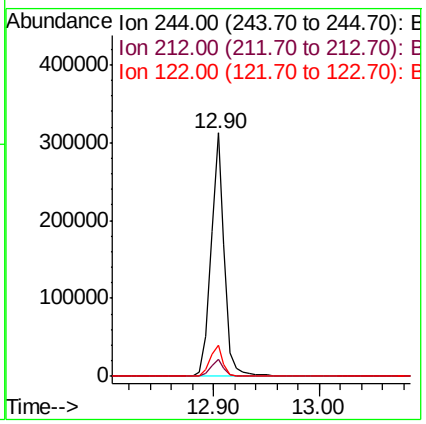


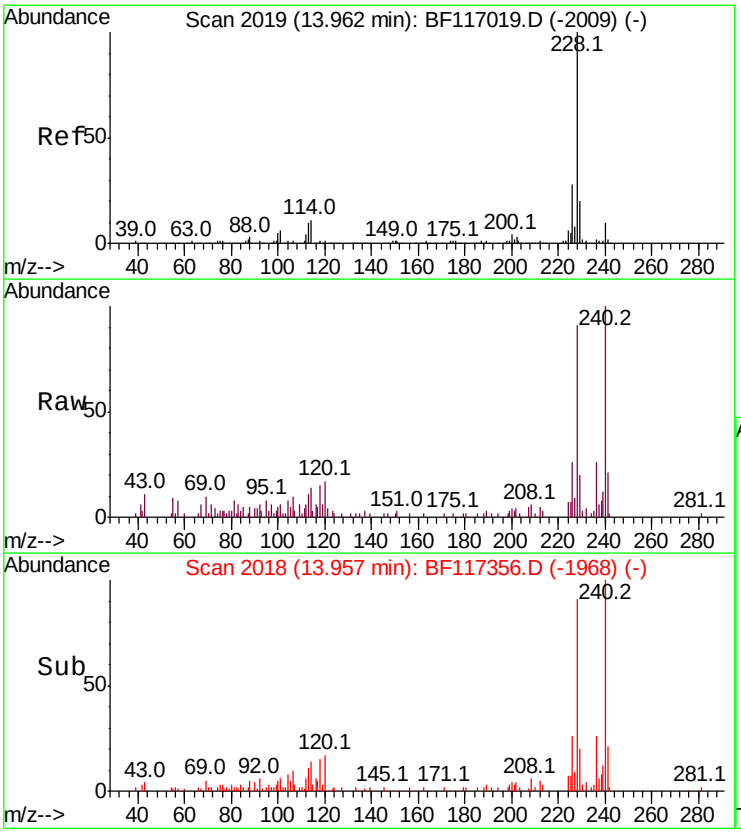
#79
Terphenyl-d14
Concen: 61.000 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 278657

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.6	11.3	16.9

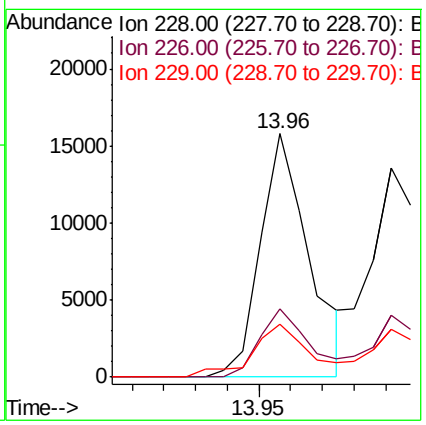


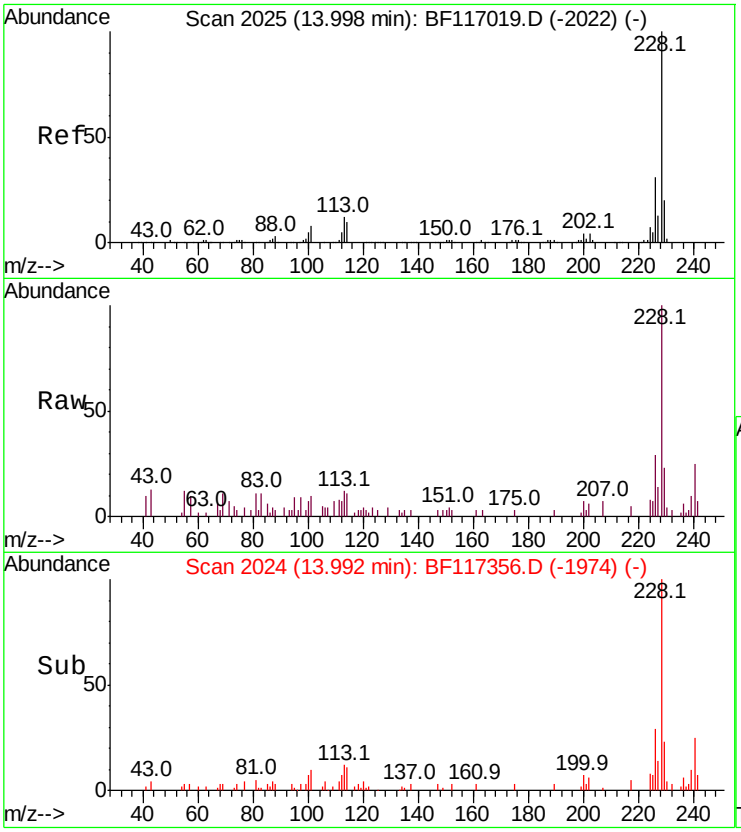


#81
Benzo(a)anthracene
Concen: 2.954 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Tgt Ion:228 Resp: 16850

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.3	33.5
229	21.7	15.9	23.9



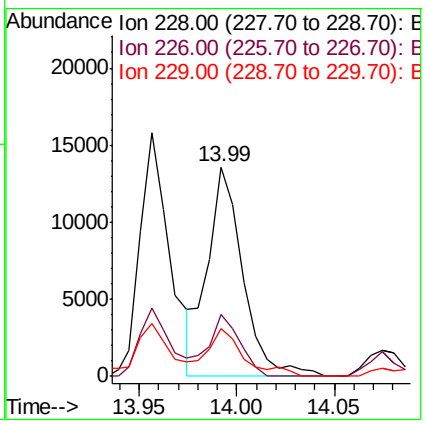


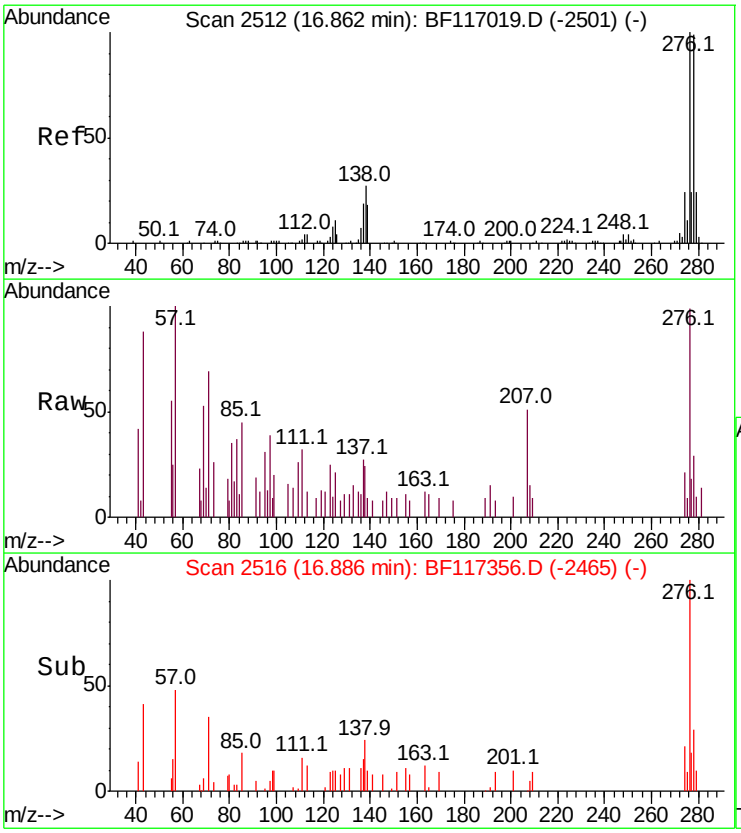
#83
Chrysene
Concen: 3.082 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 17147

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.8	37.2
229	22.8	15.8	23.8

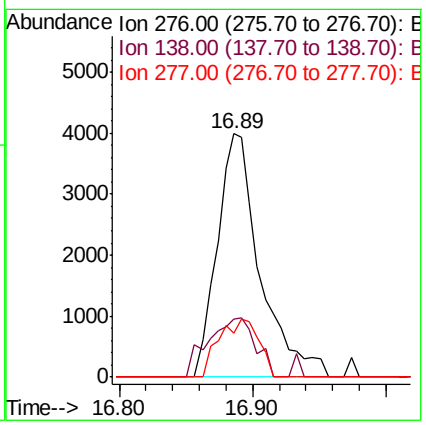


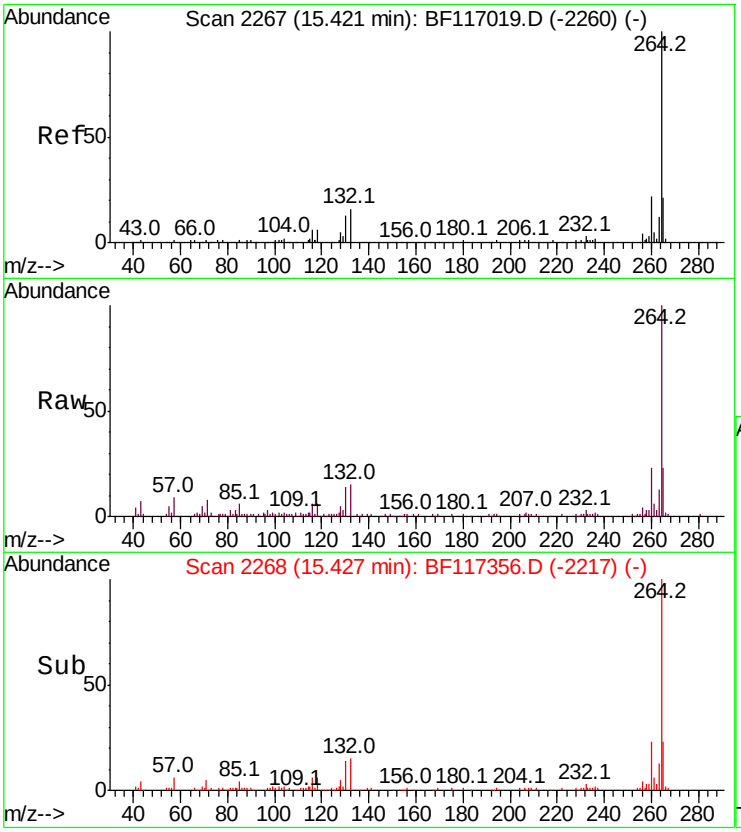


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.200 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.00 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Tgt Ion:276 Resp: 8930

Ion	Ratio	Lower	Upper
276	100		
138	26.7	20.7	31.1
277	22.2	19.8	29.8



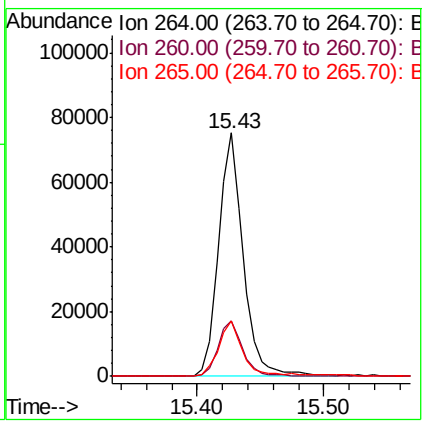


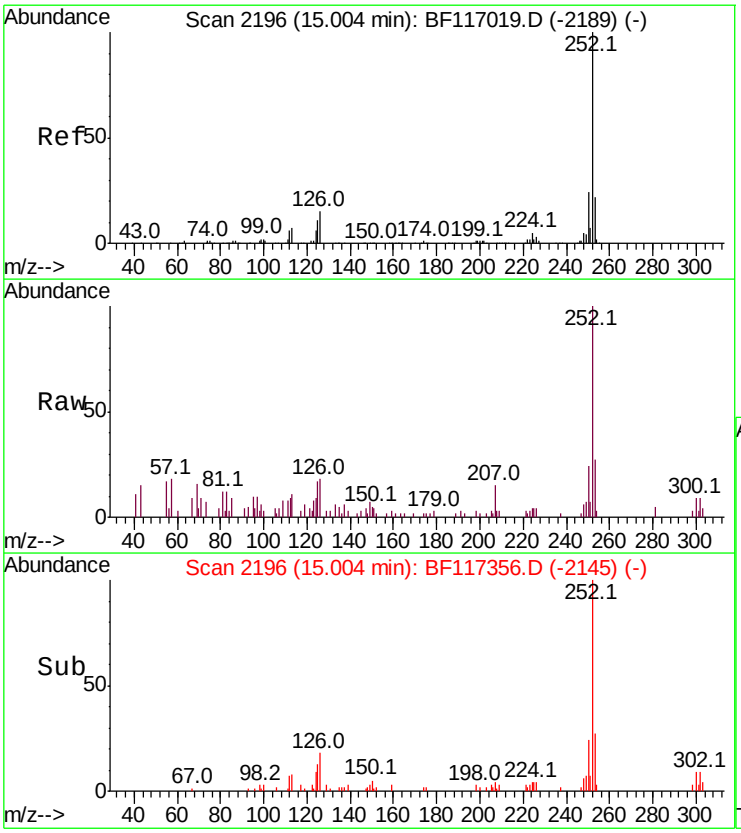
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 101842

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.6	26.4
265	22.7	16.6	24.8

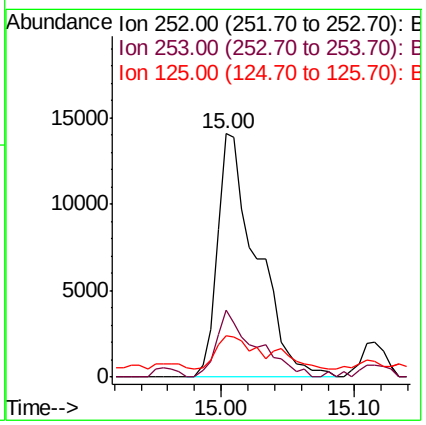


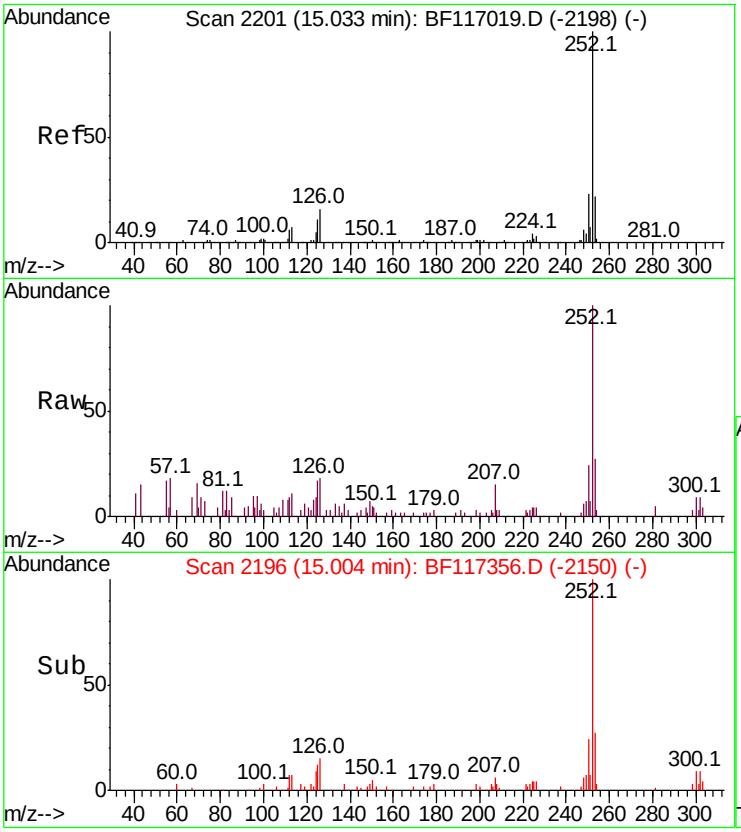


#88
Benzo(b)fluoranthene
Concen: 4.679 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Tgt Ion:252 Resp: 28867

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.6	26.4#
125	16.9	8.6	12.8#



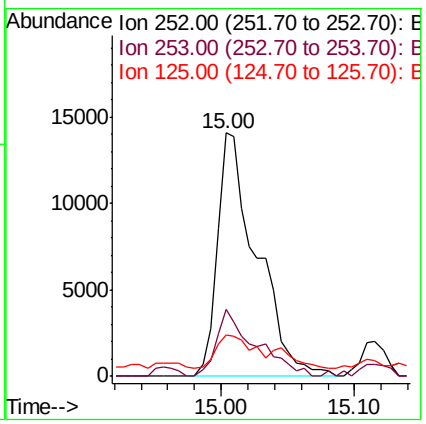


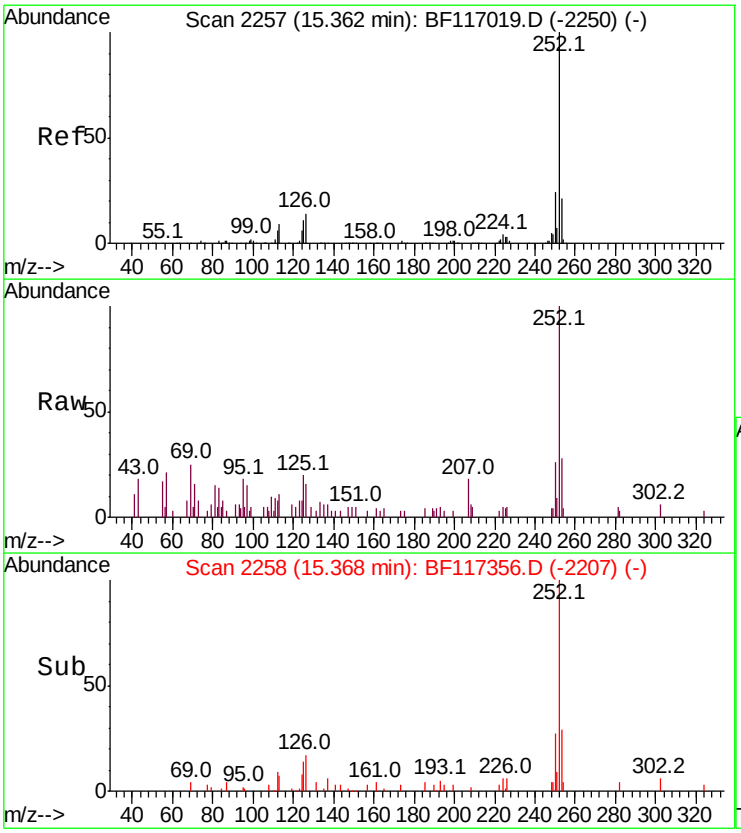
#89
Benzo(k)fluoranthene
Concen: 4.940 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.03 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 28867

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.4	26.2#
125	16.9	8.8	13.2#





#90
Benzo(a)pyrene
Concen: 2.833 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BF117356.D
Acq: 9 Oct 2019 15:45

Tgt Ion:252 Resp: 15335

Ion	Ratio	Lower	Upper
252	100		
253	27.6	16.6	25.0#
125	19.9	8.9	13.3#