Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118046.D
Acq On : 27 Nov 2019 17:42
Operator : JU
Sample : K5959-06 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 28 00:15:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 05:38:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	145415	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	545393	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	274015	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	445363	20.00	ng	0.00
76) Chrysene-d12	14.08	240	317763	20.00	ng	0.00
87) Perylene-d12	15.58	264	352765	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	316245	38.50	ng	-0.01
7) Phenol-d6	6.50	99	415731	41.96	ng	-0.02
23) Nitrobenzene-d5	7.44	82	252968	27.57	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	98493	33.95	ng	-0.02
45) 2-Fluorobiphenyl	9.25	172	540803	35.41	ng	-0.02
79) Terphenyl-d14	13.02	244	489548	28.16	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	887	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.44	70	33800	5.529	ng	# 77
25) Isophorone	7.44	82	252964	15.043	ng	# 62
50) Dimethylphthalate	9.64	163	85921	4.472	ng	99
51) 2,6-Dinitrotoluene	9.93	165	35278	8.400	ng	# 23
57) 2,4-Dinitrotoluene	9.93	165	35278	6.604	ng	# 25
71) Phenanthrene	11.45	178	49226	2.198	ng	98
75) Fluoranthene	12.65	202	91339	Below Cal		98
78) Pyrene	12.87	202	94801	3.692	ng	97
81) Benzo(a)anthracene	14.07	228	63887	3.042	ng	# 91
83) Chrysene	14.10	228	65454	3.217	ng	97
88) Benzo(b)fluoranthene	15.13	252	110339	4.814	ng	# 86
89) Benzo(k)fluoranthene	15.13	252	110339	5.109	ng	# 85
90) Benzo(a)pyrene	15.52	252	56792	2.818	ng	# 88

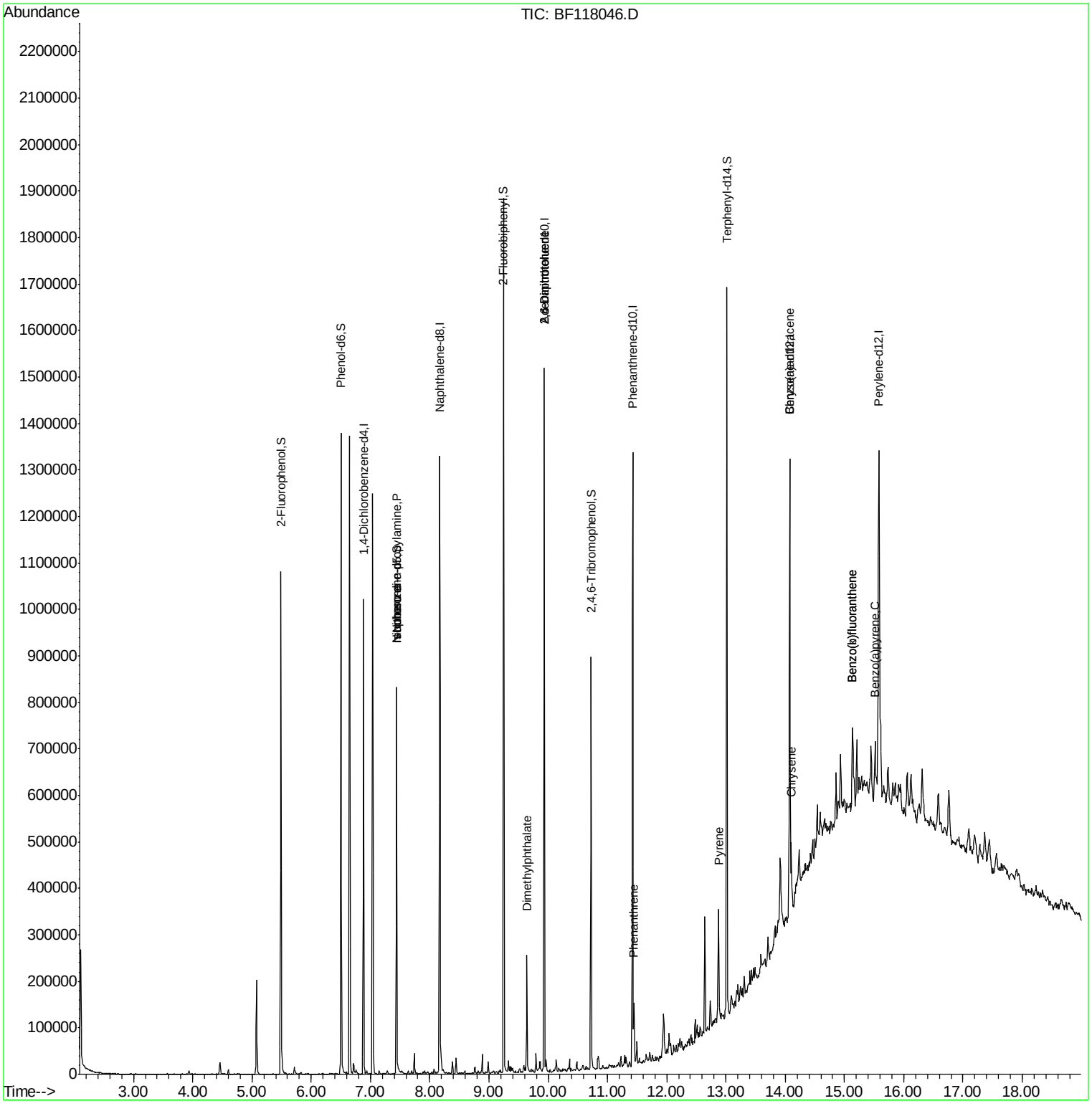
(#) = qualifier out of range (m) = manual integration (+) = signals summed

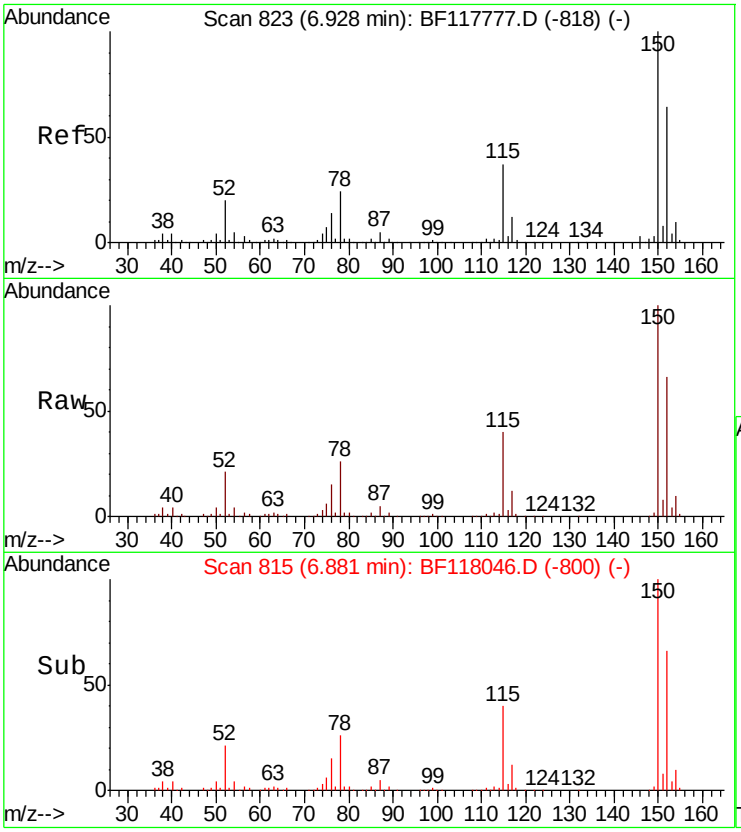
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118046.D
Acq On : 27 Nov 2019 17:42
Operator : JU
Sample : K5959-06 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 28 00:15:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 05:38:20 2019
Response via : Initial Calibration



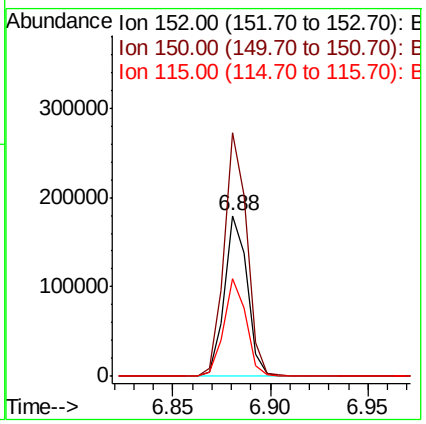


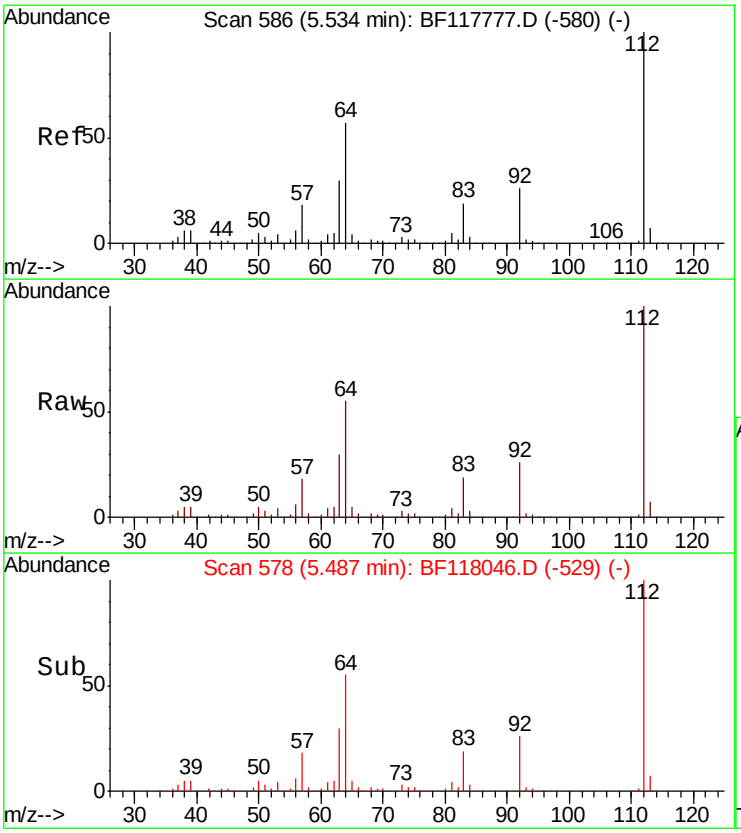
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 145415

Ion	Ratio	Lower	Upper
152	100		
150	151.5	125.3	187.9
115	60.9	47.0	70.4

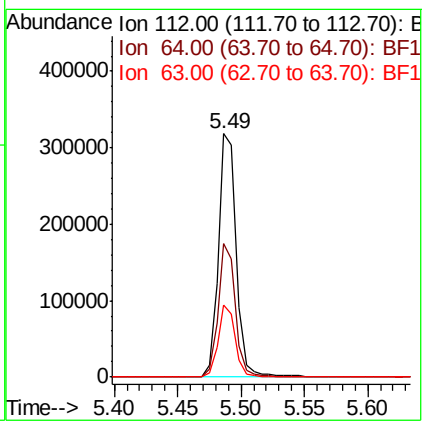


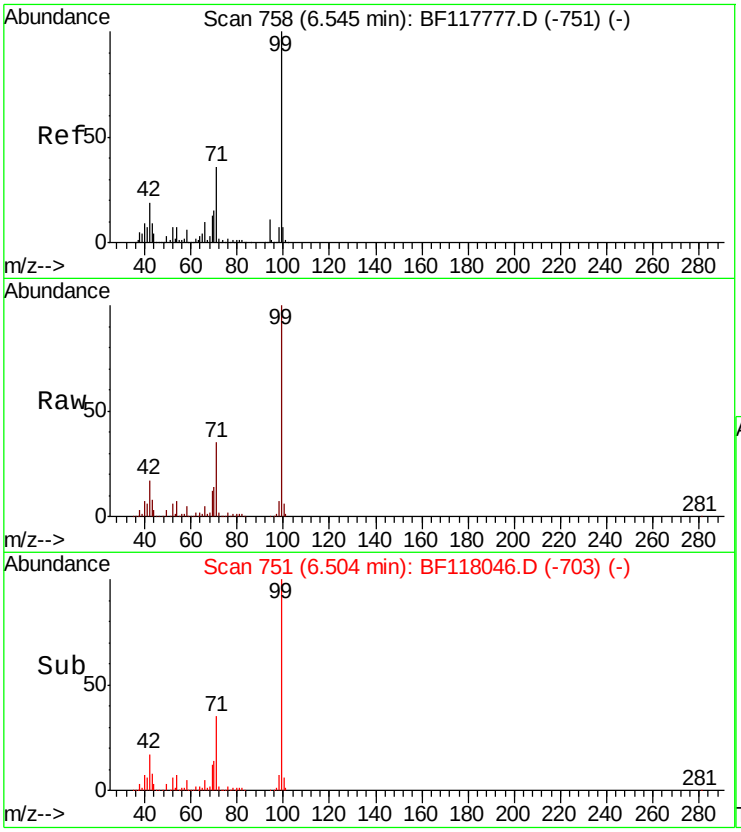


#5
2-Fluorophenol
Concen: 38.496 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Tgt Ion:112 Resp: 316245

Ion	Ratio	Lower	Upper
112	100		
64	54.6	45.6	68.4
63	29.5	24.1	36.1



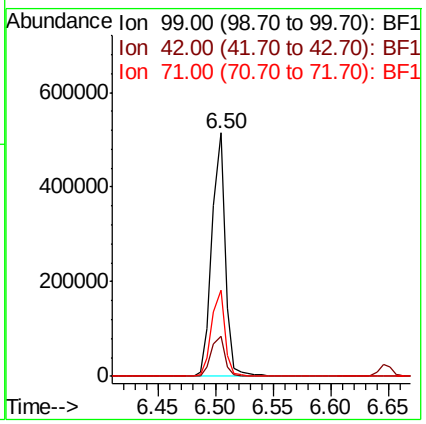


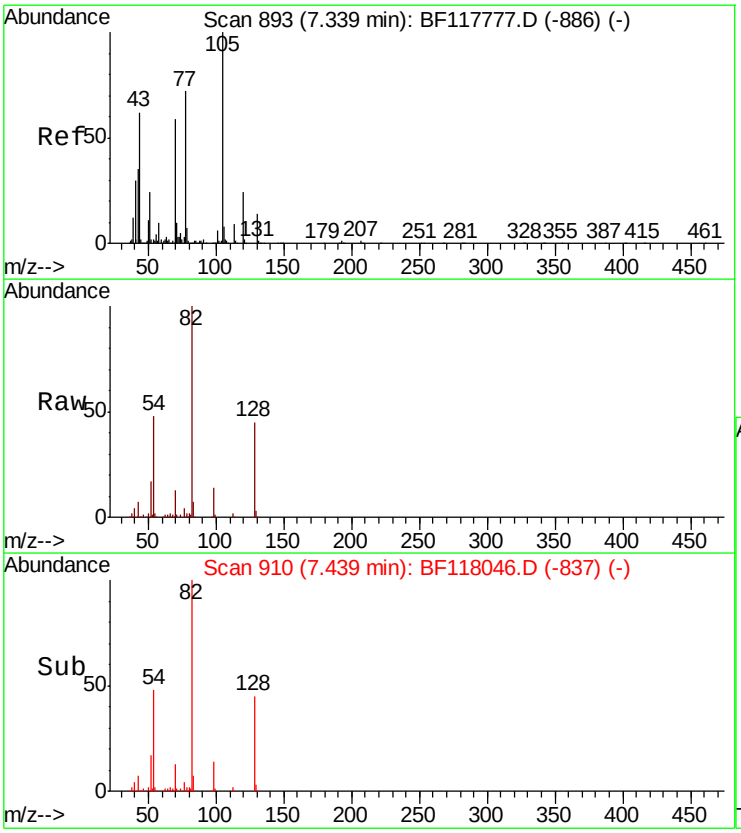
#7
Phenol-d6
Concen: 41.956 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 415731

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.9	22.3
71	35.3	28.6	43.0

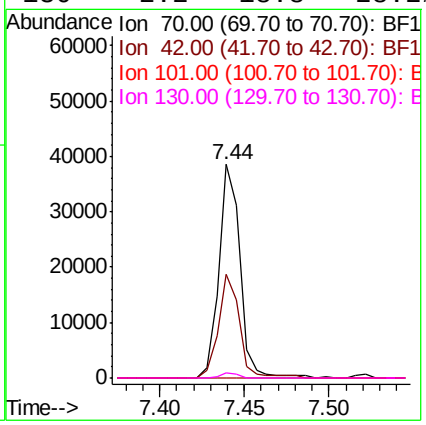


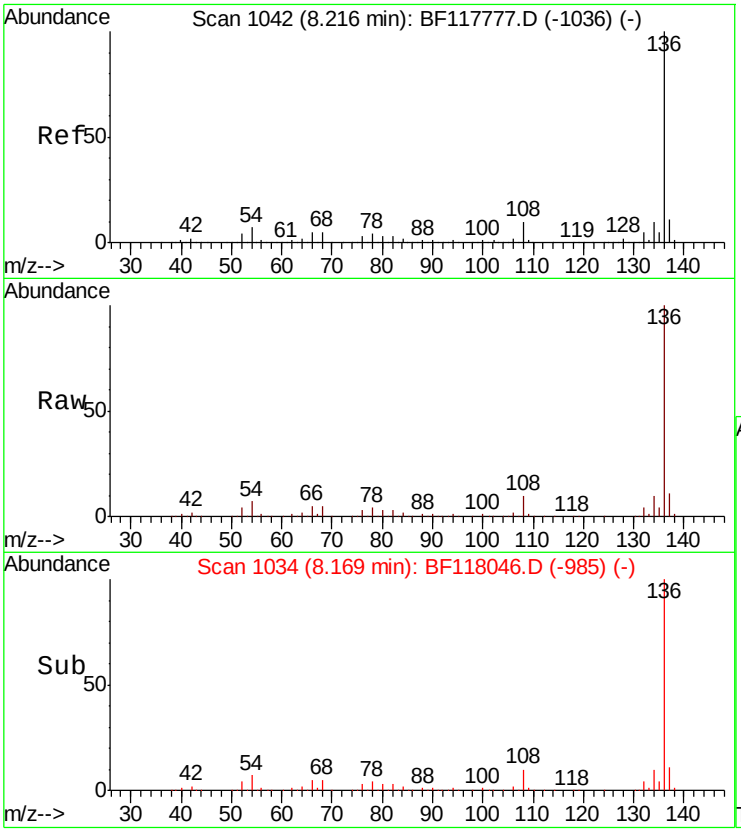


#19
n-Nitroso-di-n-propylamine
Concen: 5.529 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.13 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Tgt Ion: 70 Resp: 33800

Ion	Ratio	Lower	Upper
70	100		
42	48.6	47.4	71.2
101	0.0	8.4	12.6#
130	2.2	18.8	28.2#



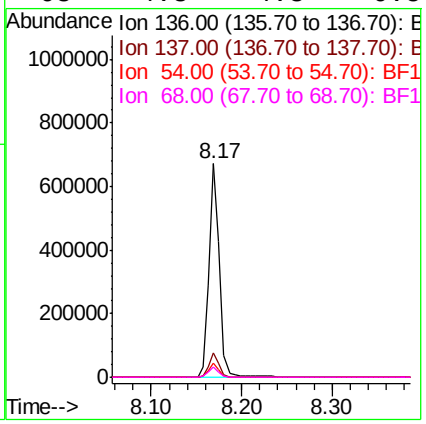


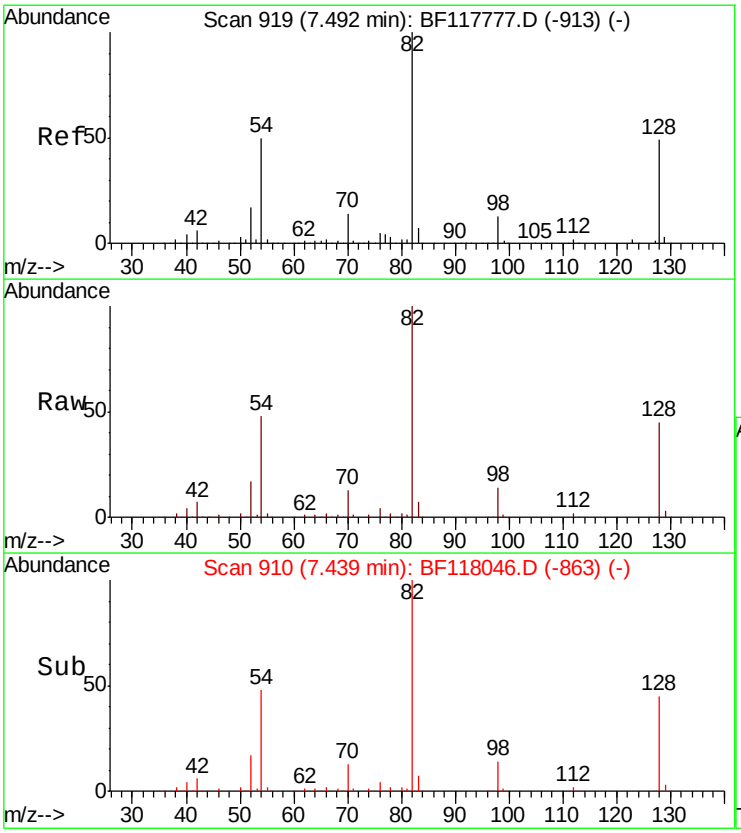
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 545393

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	6.6	5.4	8.2
68	4.8	4.3	6.5

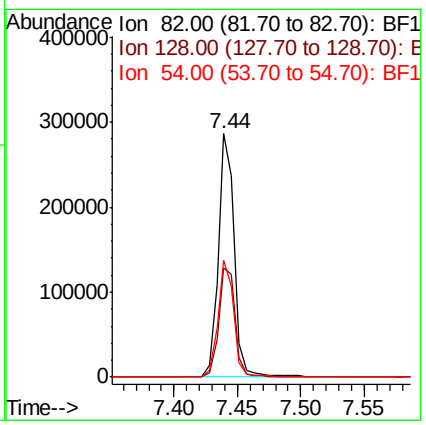


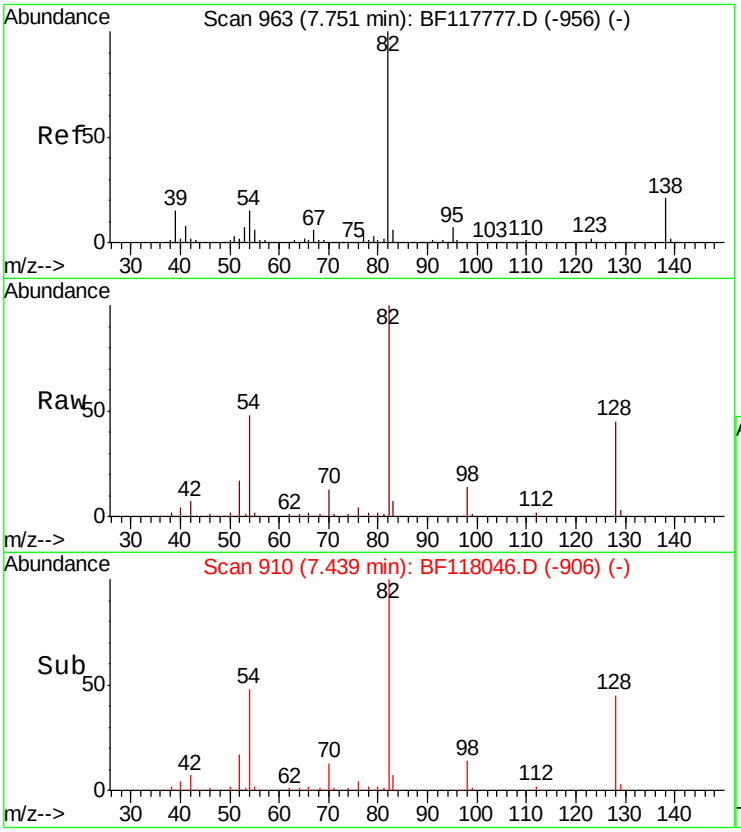


#23
Nitrobenzene-d5
Concen: 27.573 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Tgt Ion: 82 Resp: 252968

Ion	Ratio	Lower	Upper
82	100		
128	45.0	38.9	58.3
54	48.1	39.8	59.6



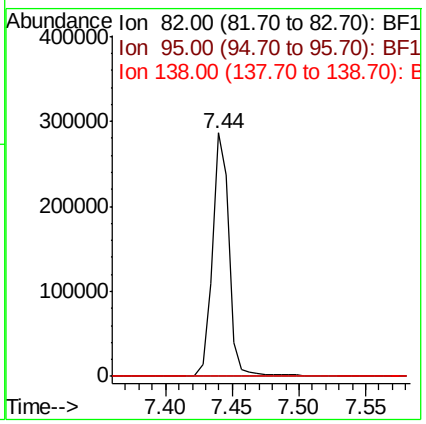


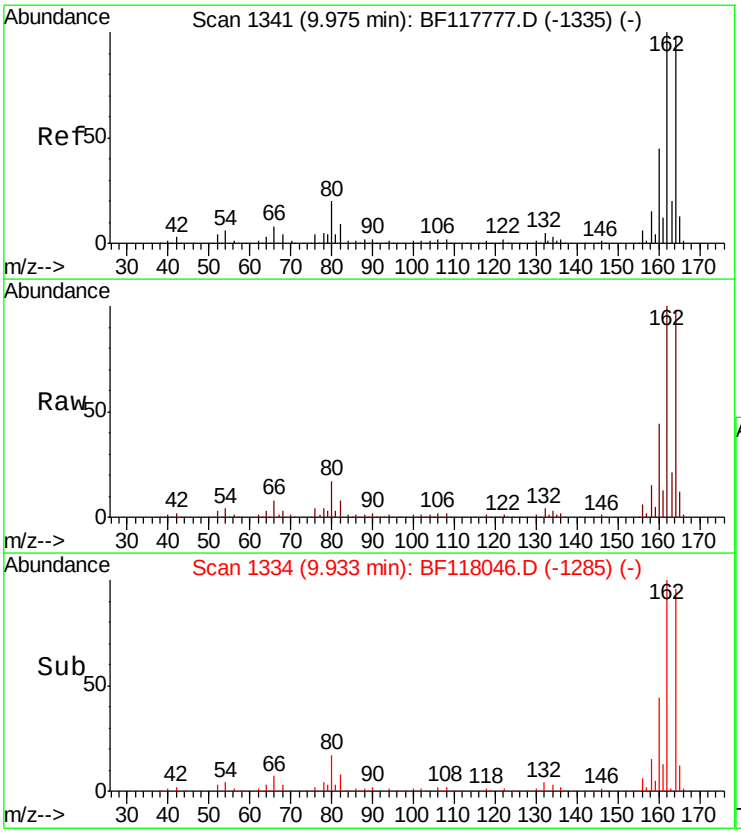
#25
Isophorone
Concen: 15.043 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.28 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 252964

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	16.5	24.7#

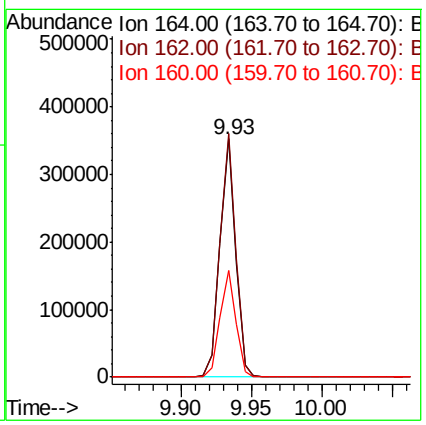


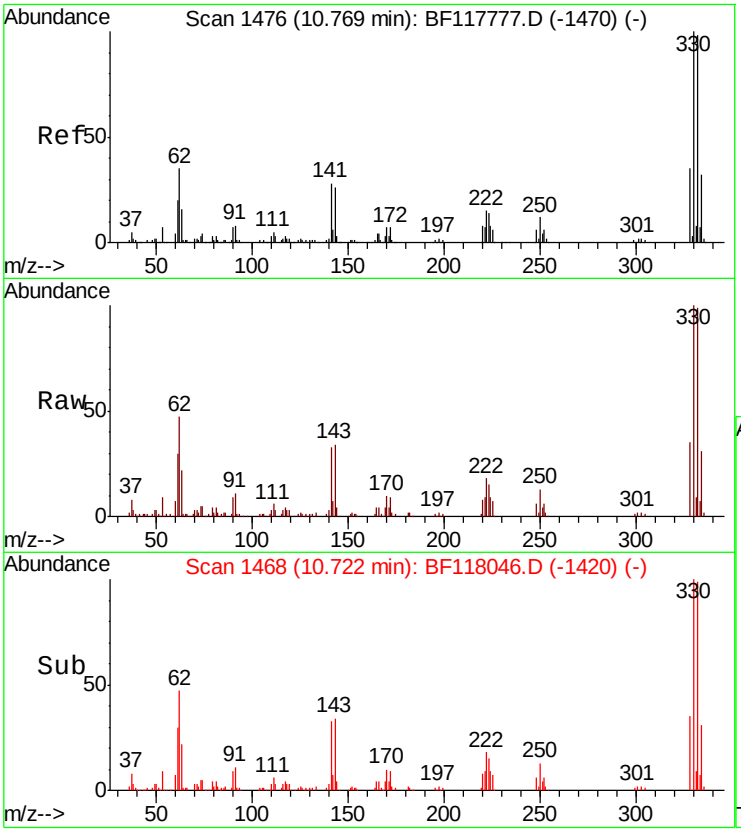


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Tgt Ion:164 Resp: 274015

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.3	121.9
160	45.0	36.6	55.0



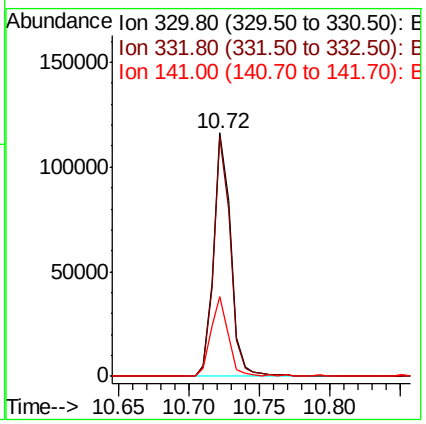


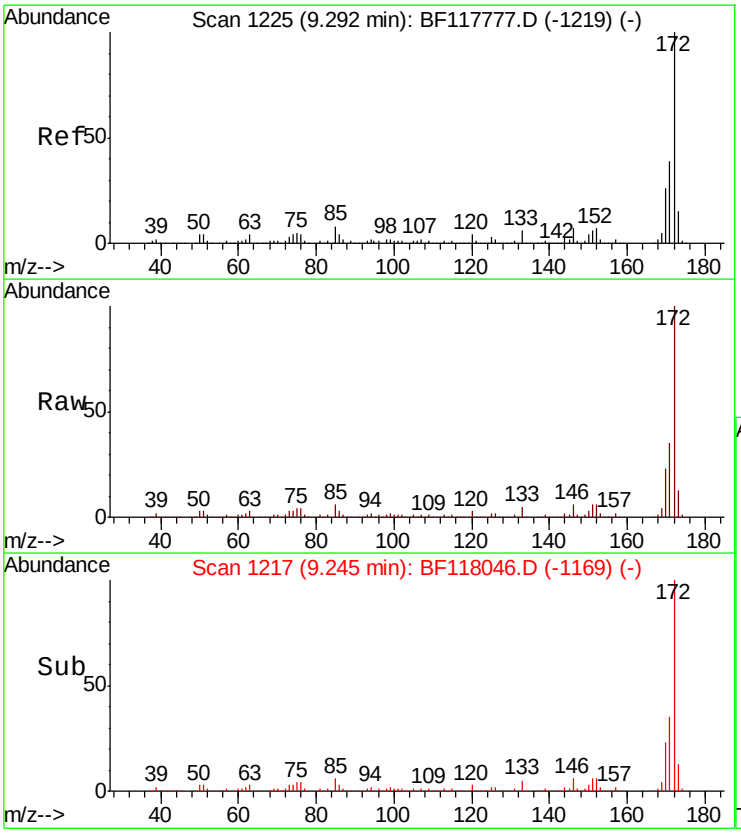
#42
2,4,6-Tribromophenol
Concen: 33.952 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 98493

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.7	115.1
141	33.4	27.7	41.5

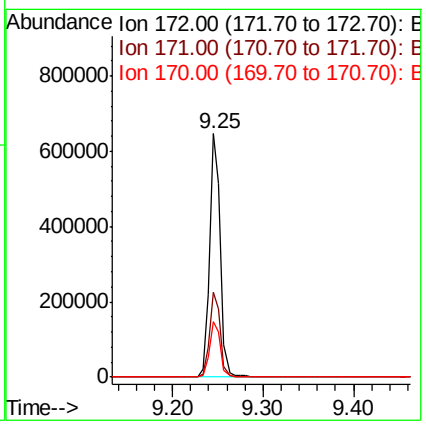


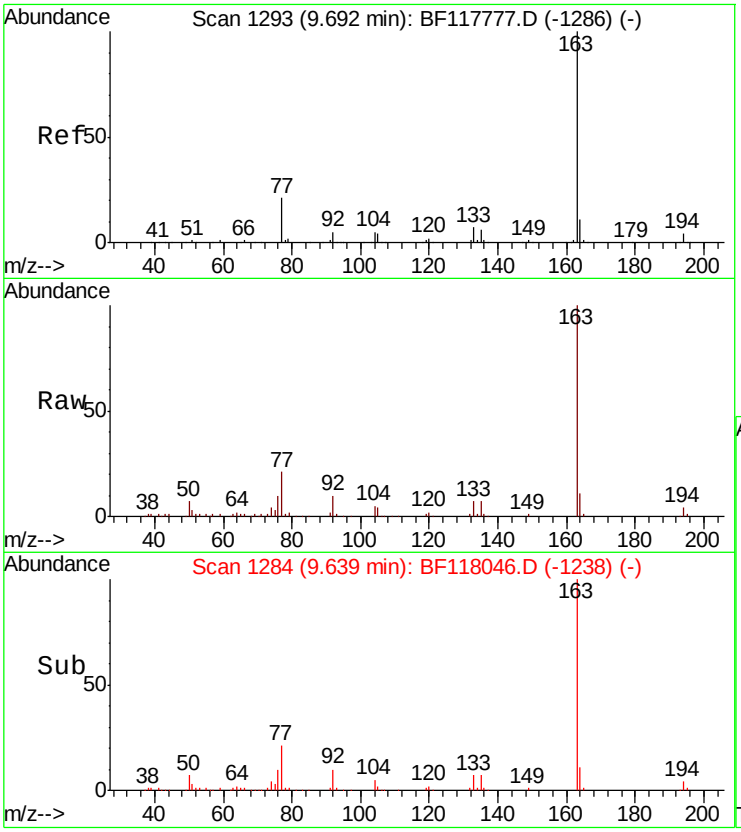


#45
2-Fluorobiphenyl
Concen: 35.408 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Tgt Ion:172 Resp: 540803

Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.9	46.3
170	22.8	21.0	31.4



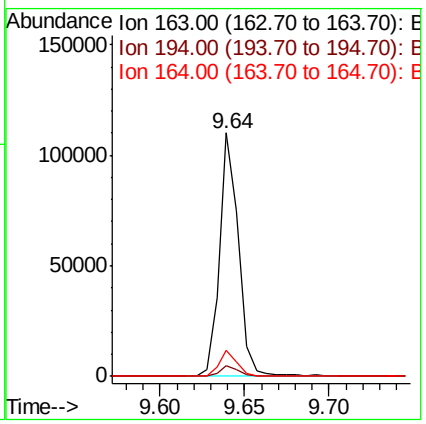


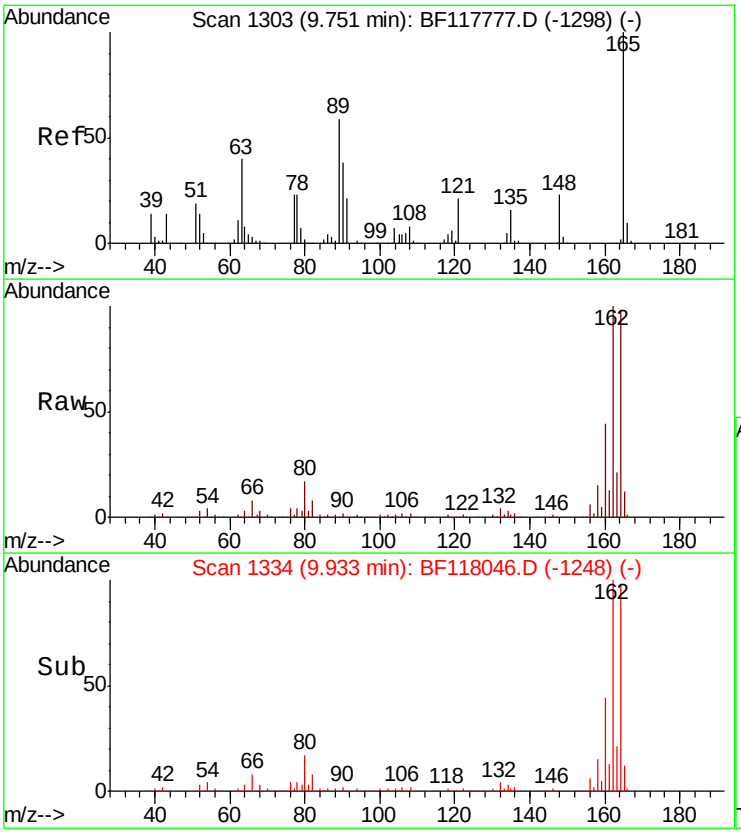
#50
Dimethylphthalate
Concen: 4.472 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.03 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 85921

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.6	8.7	13.1

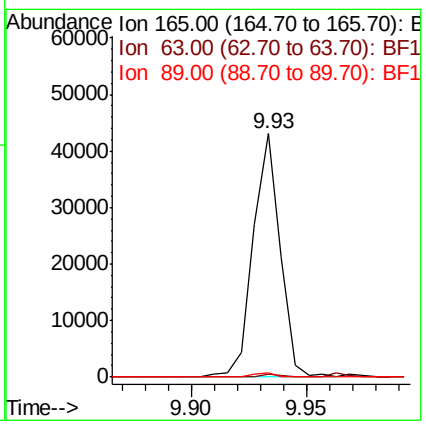


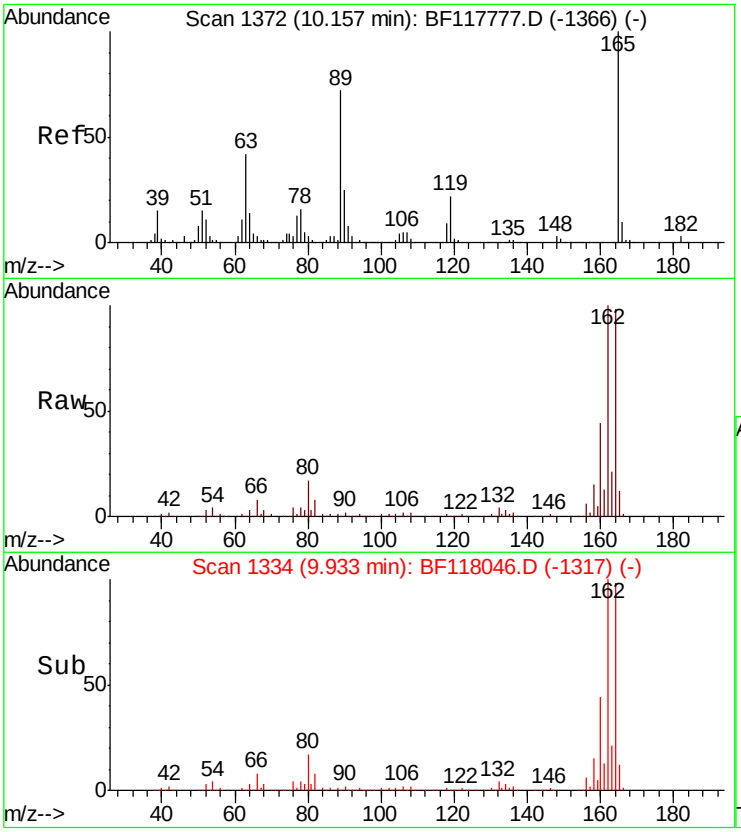


#51
2,6-Dinitrotoluene
Concen: 8.400 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.21 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Tgt Ion:165 Resp: 35278

Ion	Ratio	Lower	Upper
165	100		
63	1.1	46.0	69.0#
89	1.5	47.7	71.5#



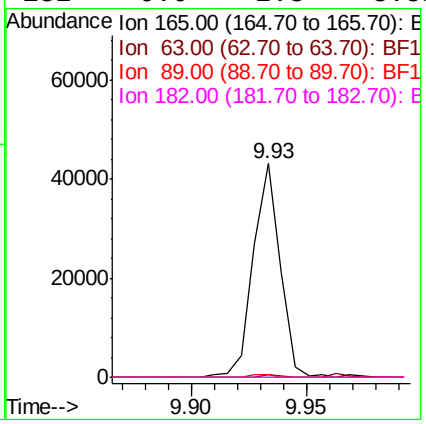


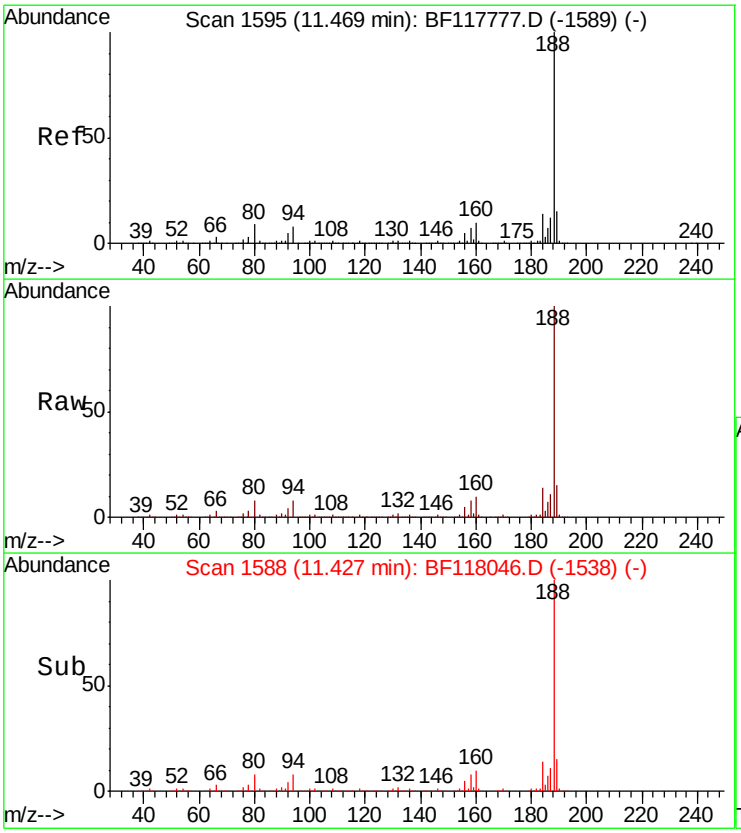
#57
2,4-Dinitrotoluene
Concen: 6.604 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.20 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 35278

Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.7	50.5#
89	1.5	57.3	85.9#
182	0.0	2.3	3.5#

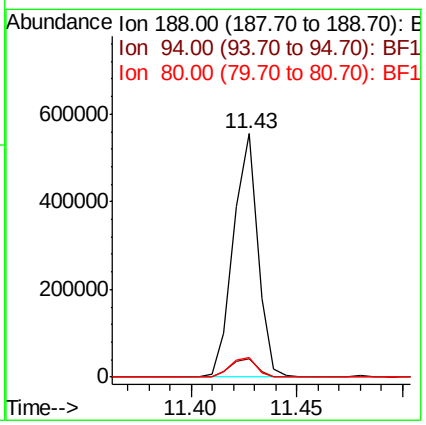


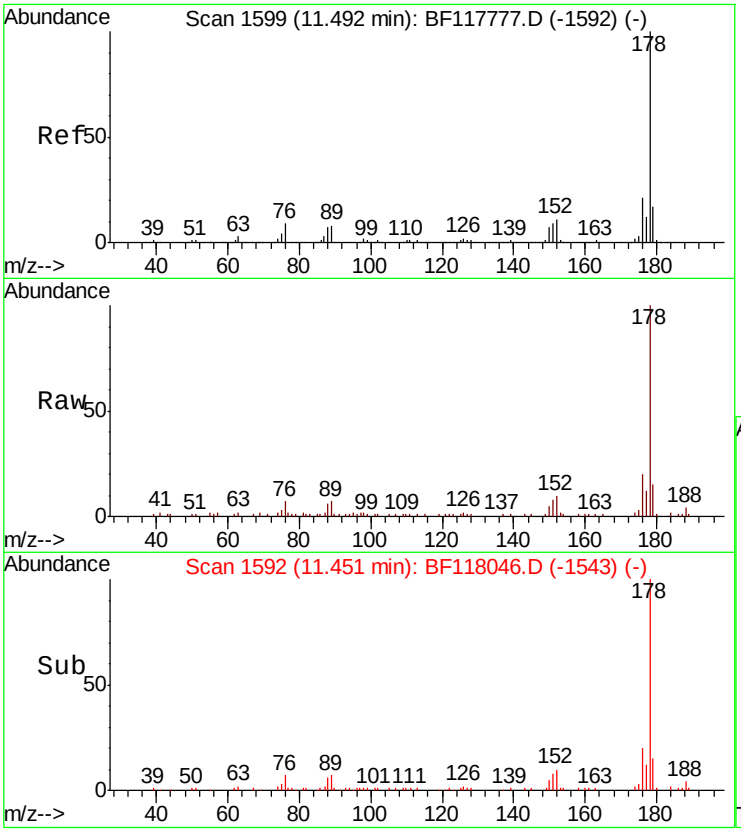


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Tgt Ion:188 Resp: 445363

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.6	10.0
80	8.3	7.2	10.8



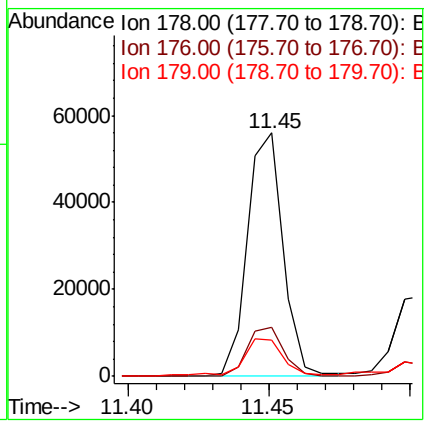


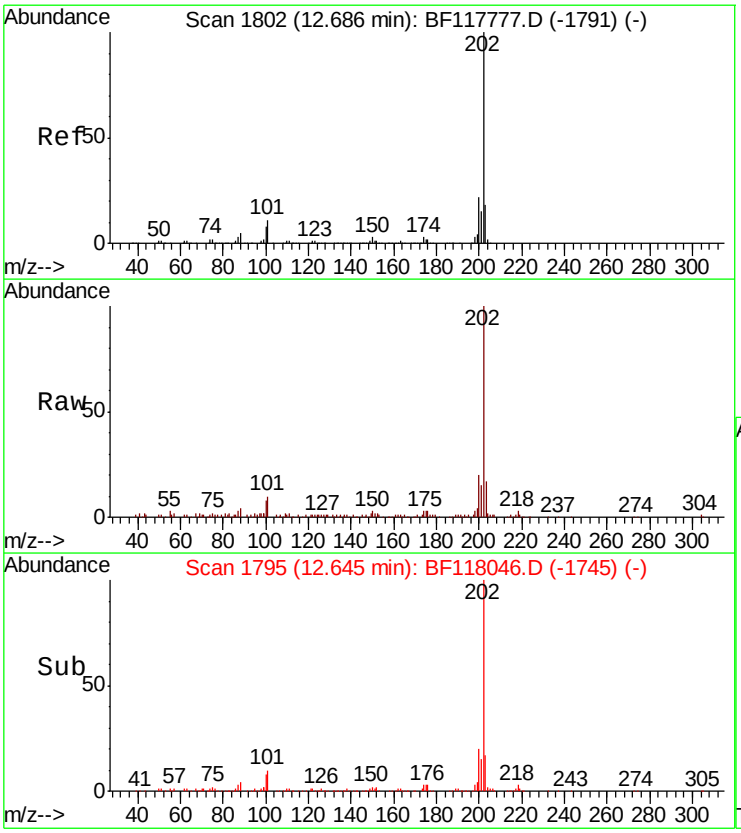
#71
Phenanthrene
Concen: 2.198 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 49226

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.6	25.0
179	14.9	13.2	19.8

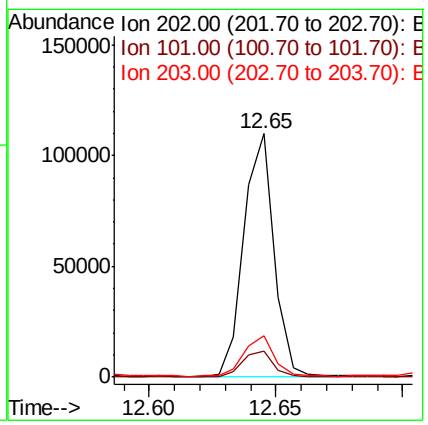


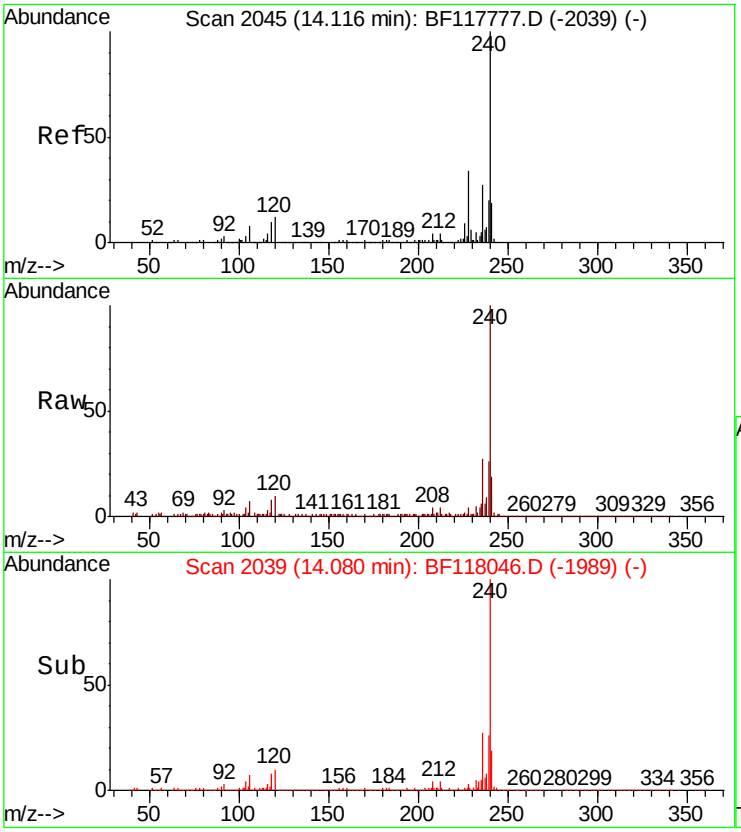


#75
Fluoranthene
Concen: Below Cal
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Tgt Ion:202 Resp: 91339

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.1
203	17.0	0.0	38.2



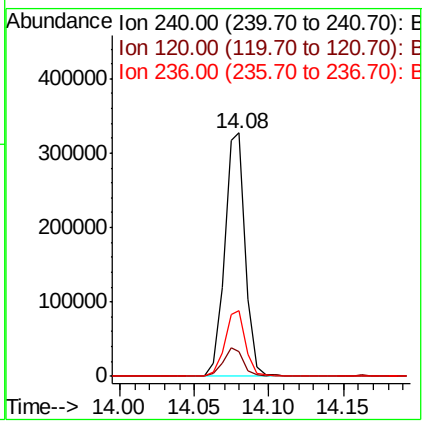


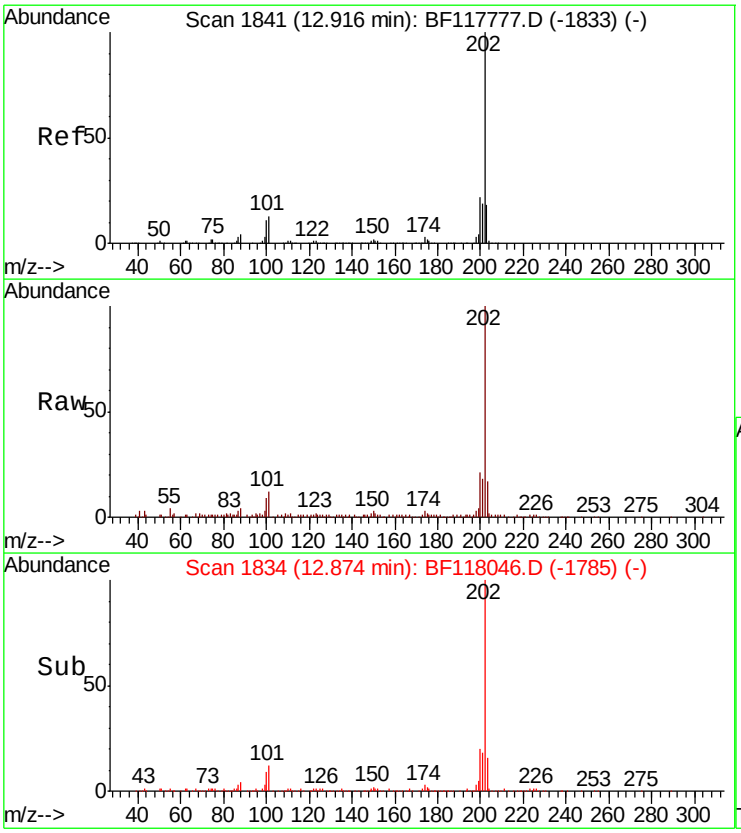
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 317763

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	27.2	21.3	31.9

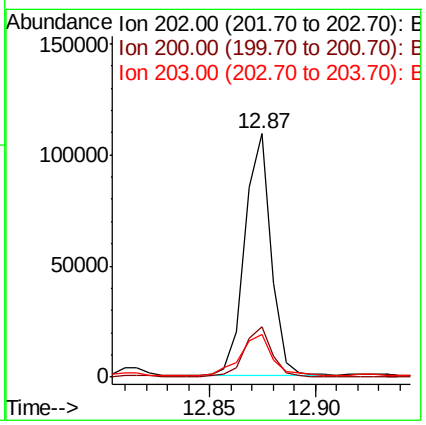


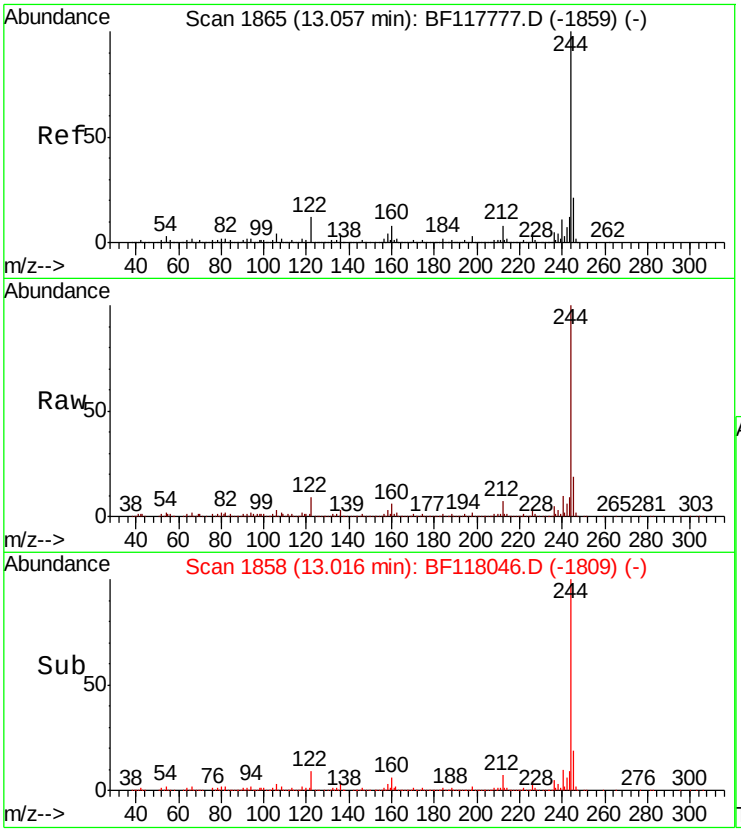


#78
Pyrene
Concen: 3.692 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Tgt Ion:202 Resp: 94801

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.8	26.8
203	17.3	14.6	22.0



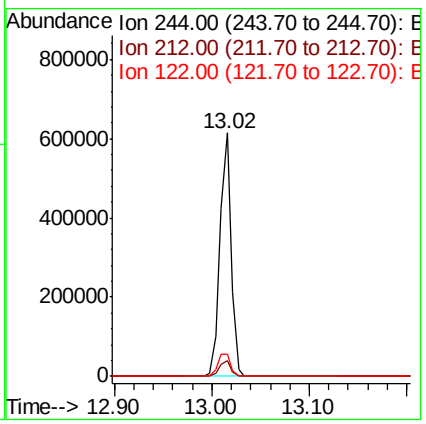


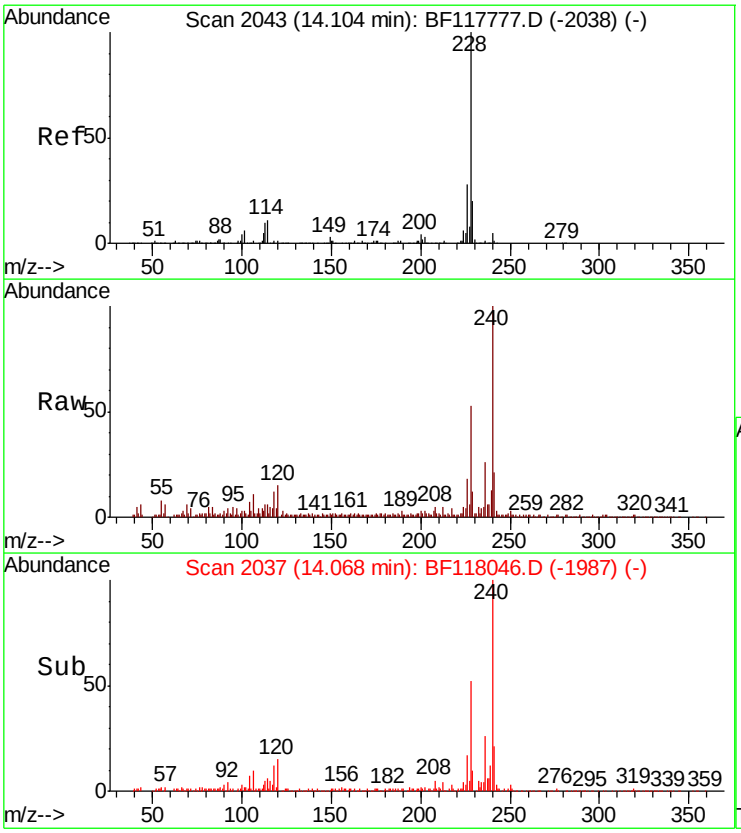
#79
Terphenyl-d14
Concen: 28.156 ng
RT: 13.02 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 489548

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.3	9.5
122	9.4	9.4	14.2#

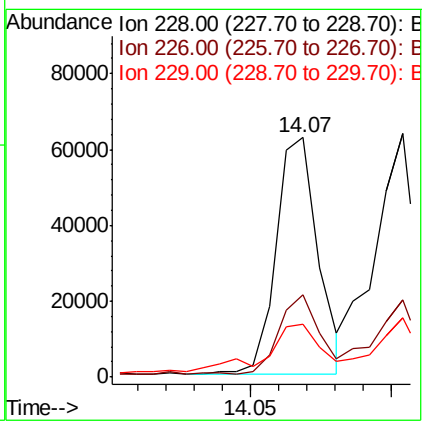


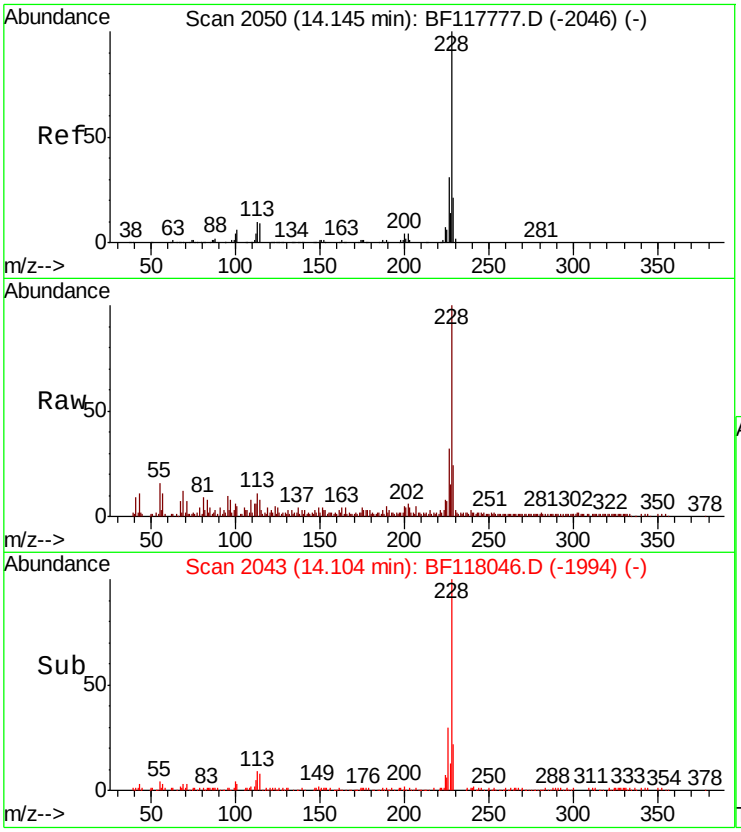


#81
Benzo(a)anthracene
Concen: 3.042 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Tgt Ion:228 Resp: 63887

Ion	Ratio	Lower	Upper
228	100		
226	34.2	22.2	33.2#
229	21.9	15.9	23.9



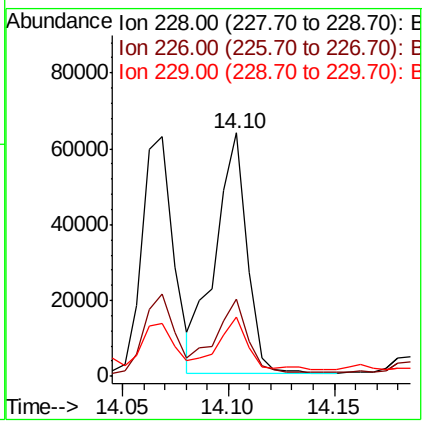


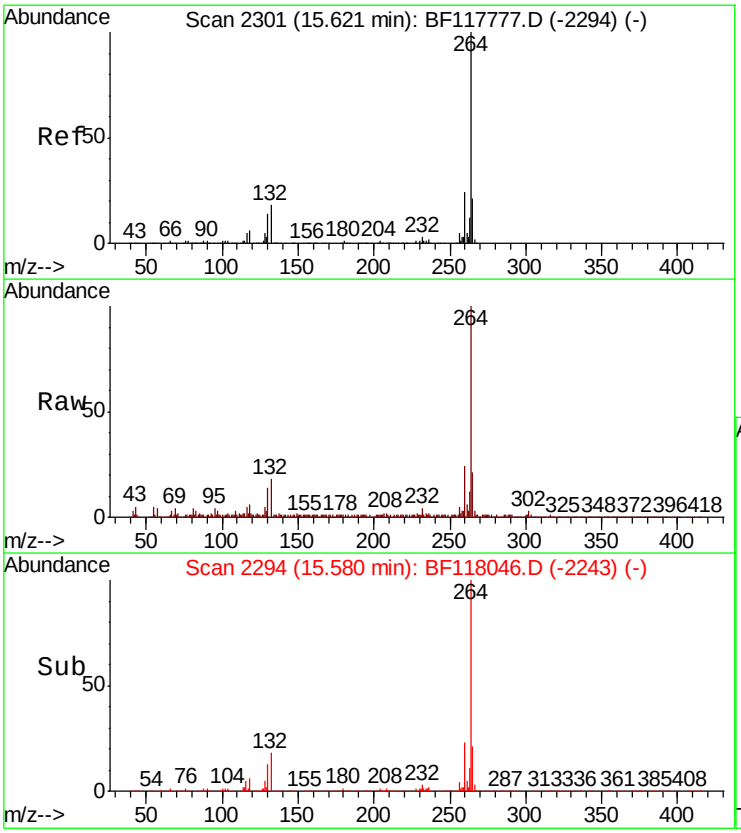
#83
Chrysene
Concen: 3.217 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 65454

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.4
229	24.1	16.6	25.0

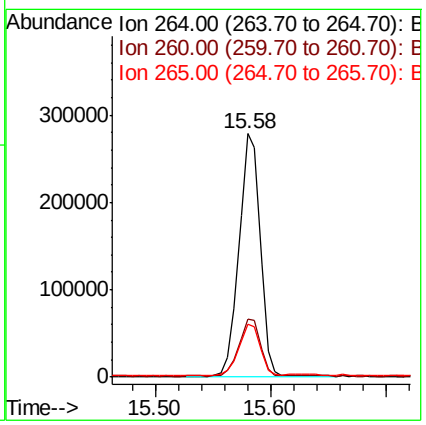


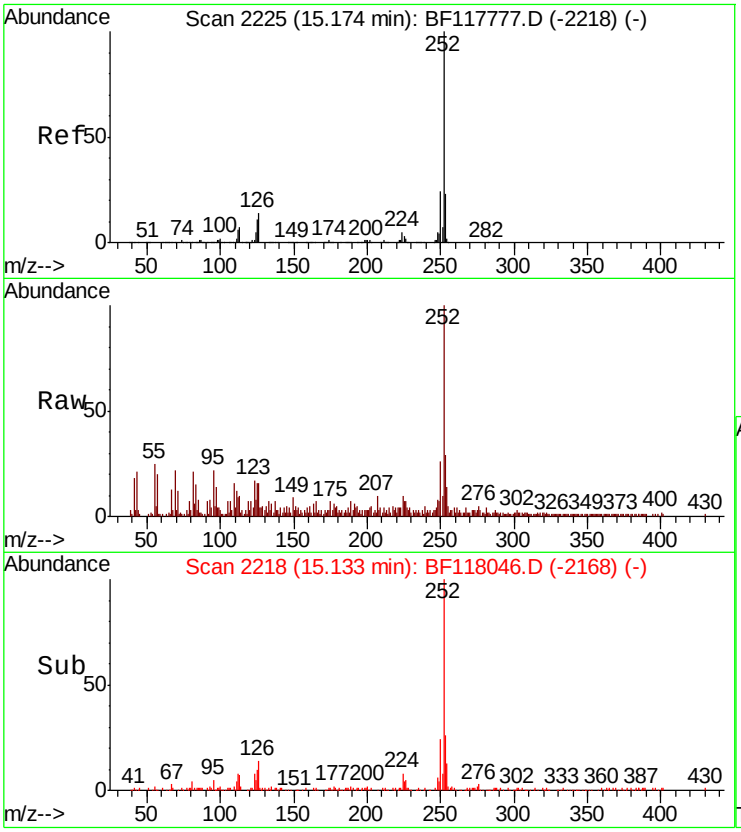


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Tgt Ion:264 Resp: 352765

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.5	17.1	25.7



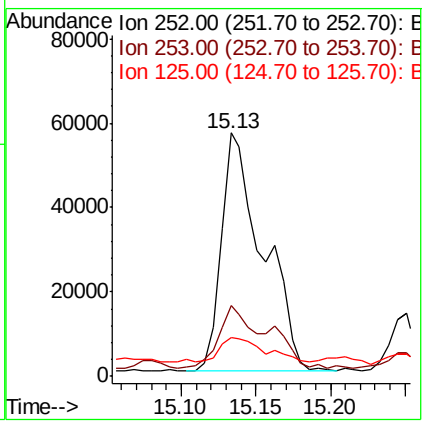


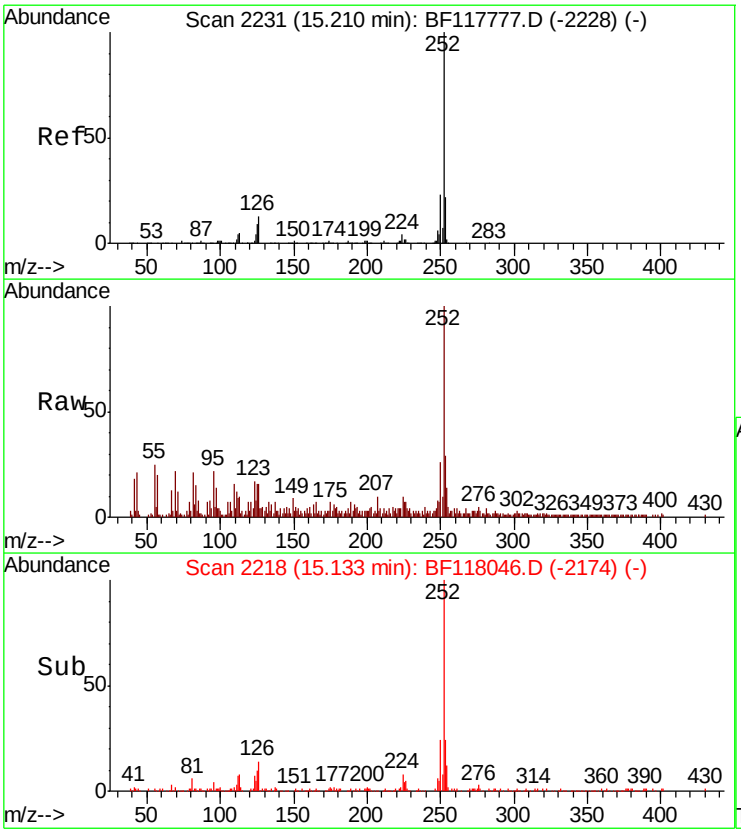
#88
Benzo(b)fluoranthene
Concen: 4.814 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 110339

Ion	Ratio	Lower	Upper
252	100		
253	28.9	18.0	27.0#
125	16.0	8.6	13.0#

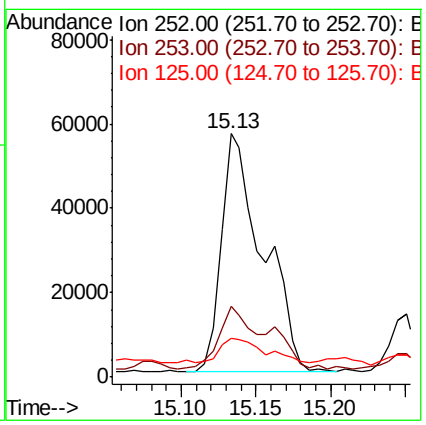


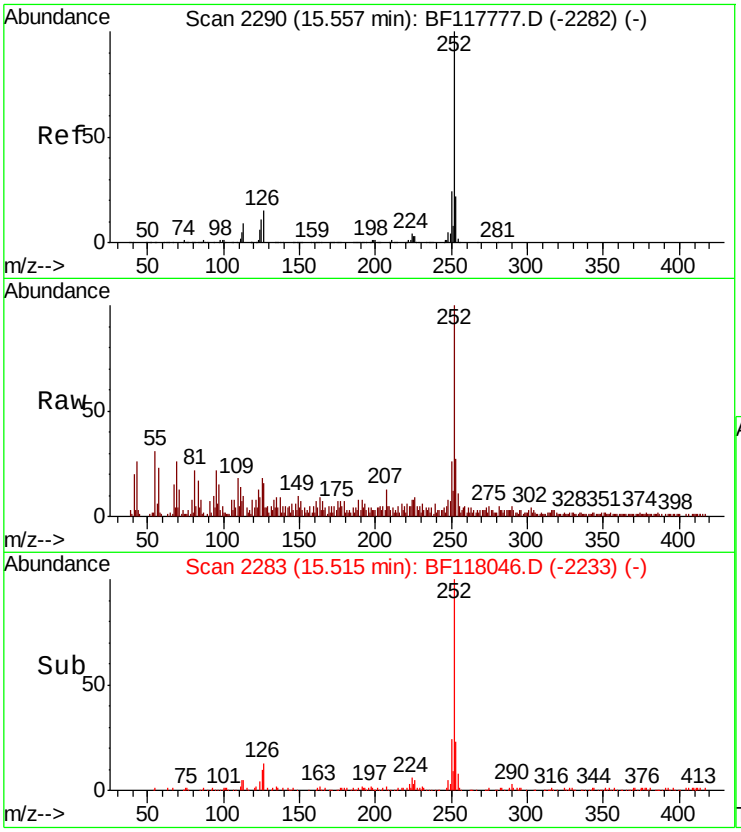


#89
Benzo(k)fluoranthene
Concen: 5.109 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.04 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Tgt Ion:252 Resp: 110339

Ion	Ratio	Lower	Upper
252	100		
253	28.9	17.5	26.3#
125	16.0	7.9	11.9#





#90
Benzo(a)pyrene
Concen: 2.818 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 56792

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.8	26.6#
125	17.5	9.2	13.8#