Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116963.D
Acq On : 11 Sep 2019 22:54
Operator : HP/JU
Sample : K4819-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 12 07:07:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 17:49:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	66337	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	272125	20.00	ng		-0.02
39) Acenaphthene-d10	9.85	164	142584	20.00	ng		-0.02
64) Phenanthrene-d10	11.33	188	236638	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	185249	20.00	ng		-0.02
87) Perylene-d12	15.41	264	176374	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	379706	92.73	ng		-0.02
7) Phenol-d6	6.45	99	527934	98.19	ng		-0.02
23) Nitrobenzene-d5	7.38	82	328508	68.92	ng		-0.02
42) 2,4,6-Tribromophenol	10.64	330	102392	107.42	ng		-0.02
45) 2-Fluorobiphenyl	9.17	172	548767	64.92	ng		-0.02
79) Terphenyl-d14	12.92	244	545762	54.50	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	41790	11.804	ng	#	72
25) Isophorone	7.38	82	328505	34.009	ng	#	66
50) Dimethylphthalate	9.57	163	108760	11.048	ng		97
57) 2,4-Dinitrotoluene	9.85	165	17932	7.808	ng	#	19
65) 4,6-Dinitro-2-methylphenol	10.64	198	116	7.564	ng	#	1
67) 4-Bromophenyl-phenylether	10.64	248	6452	2.684	ng	#	1
71) Phenanthrene	11.36	178	51379	3.900	ng		97
75) Fluoranthene	12.54	202	60842	4.700	ng		99
78) Pyrene	12.77	202	52566	3.192	ng		99
88) Benzo(b)fluoranthene	14.99	252	28561	2.678	ng		96
89) Benzo(k)fluoranthene	14.99	252	28561	2.938	ng		97

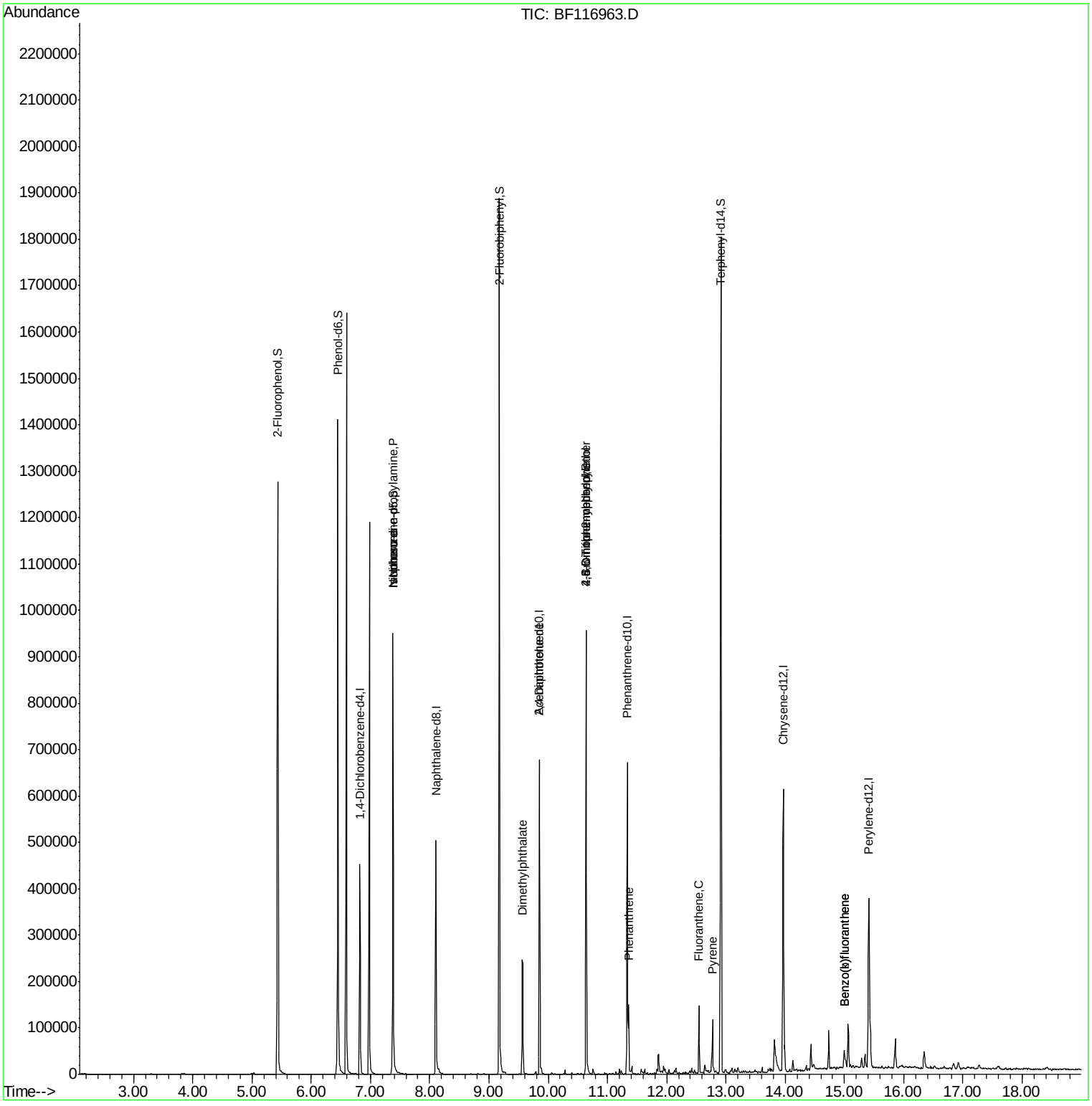
(#) = qualifier out of range (m) = manual integration (+) = signals summed

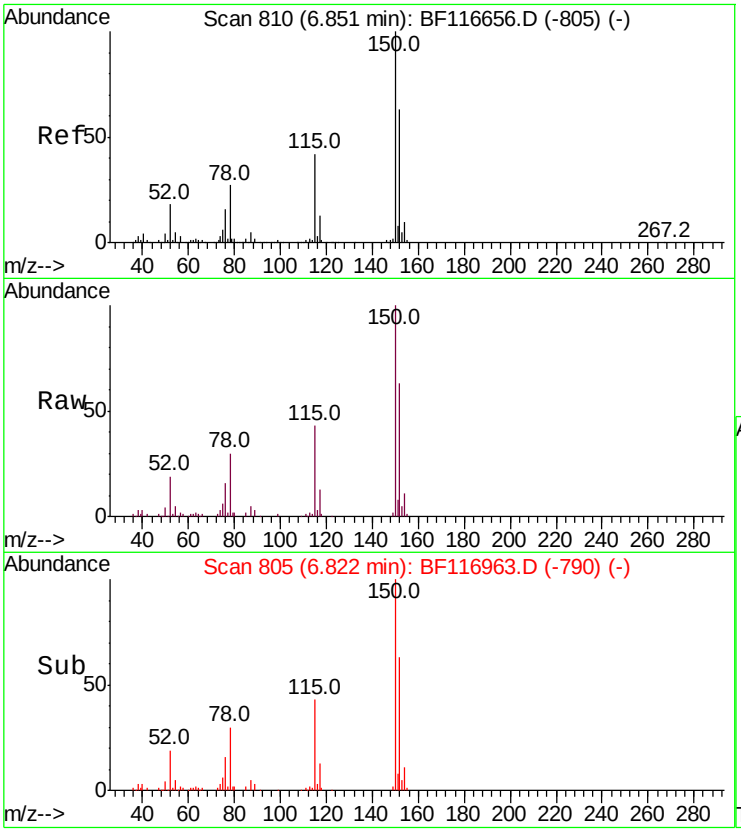
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116963.D
Acq On : 11 Sep 2019 22:54
Operator : HP/JU
Sample : K4819-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 12 07:07:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 17:49:40 2019
Response via : Initial Calibration



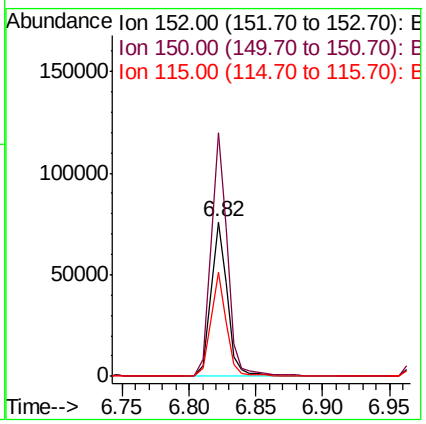


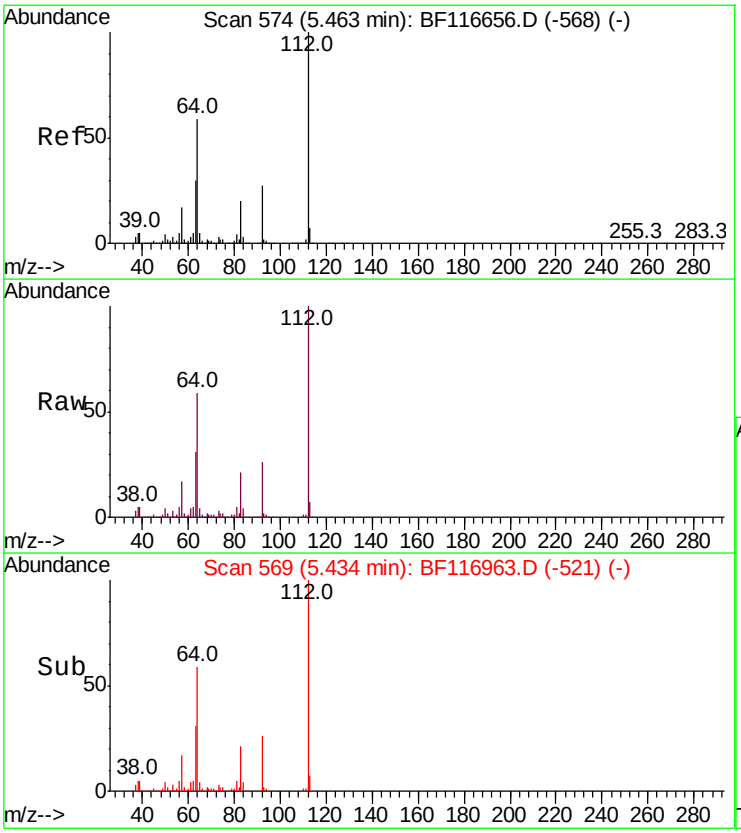
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 66337

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.4	186.6
115	67.5	49.9	74.9

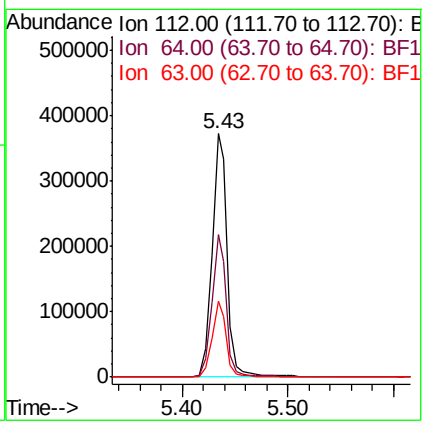


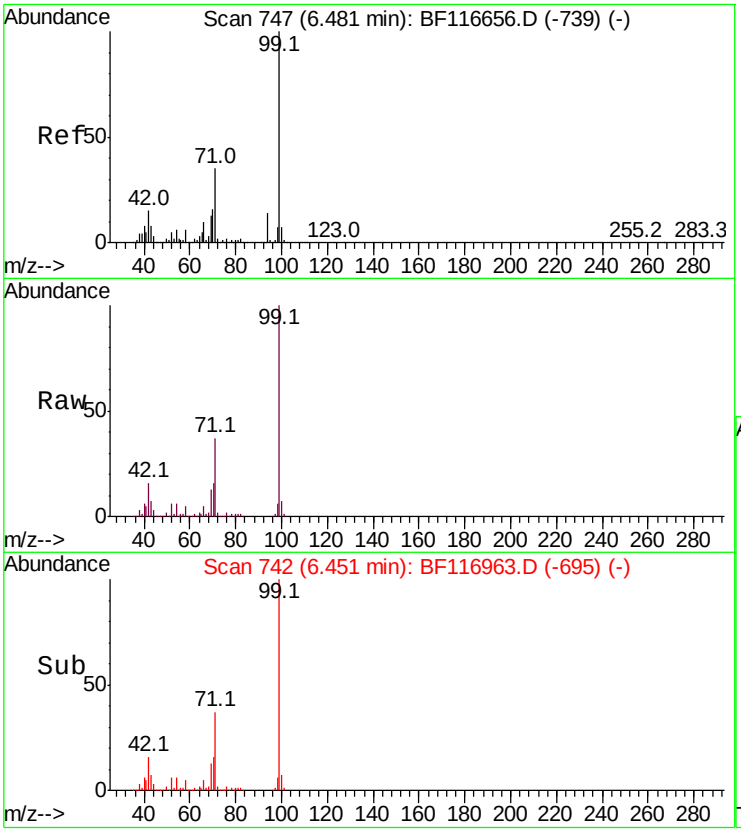


#5
2-Fluorophenol
Concen: 92.730 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.02 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Tgt Ion:112 Resp: 379706

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.1	70.7
63	31.0	24.9	37.3



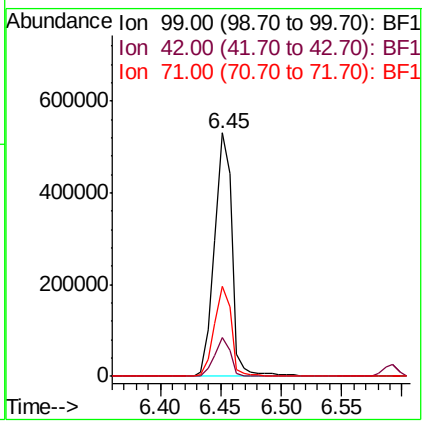


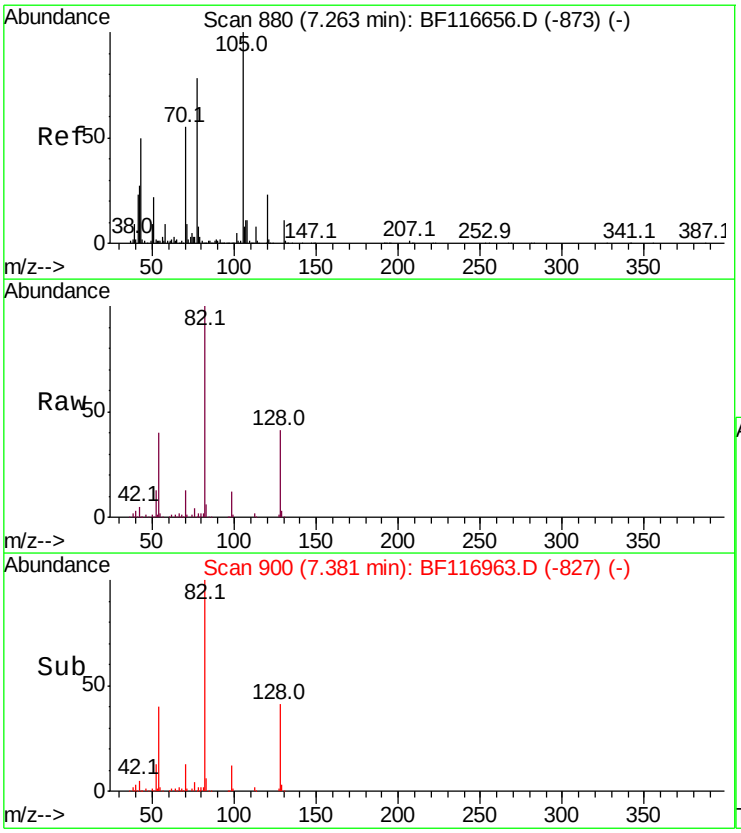
#7
Phenol-d6
Concen: 98.187 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 527934

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.7	20.5
71	37.2	30.8	46.2

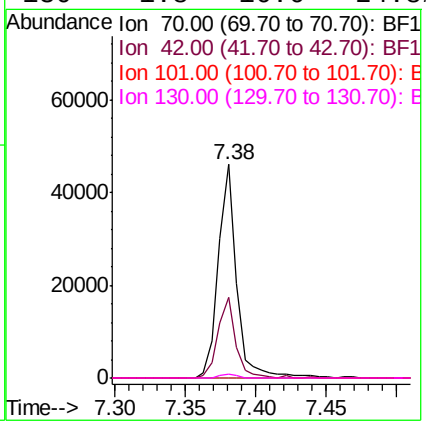


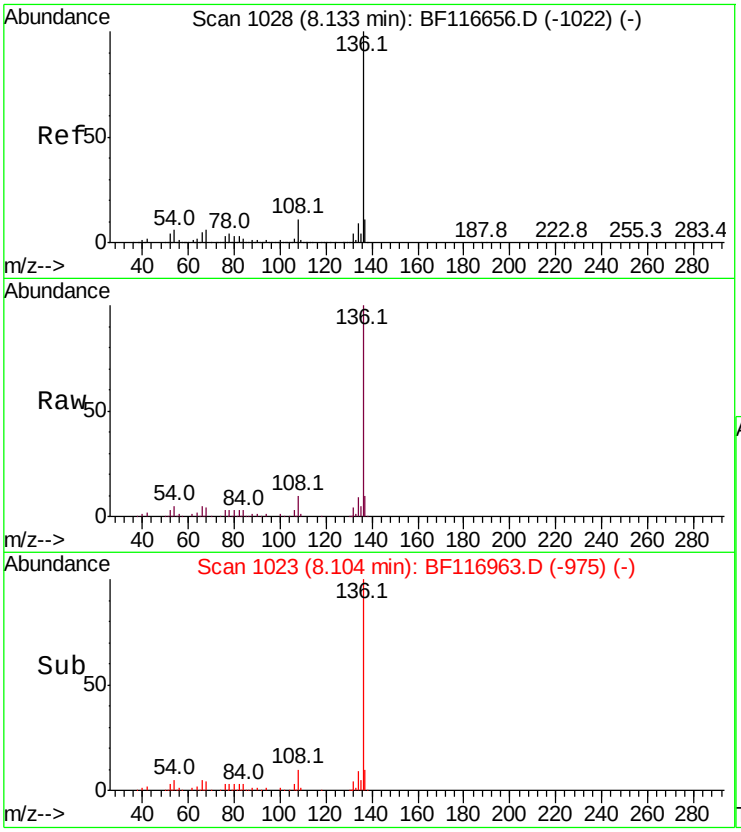


#19
n-Nitroso-di-n-propylamine
Concen: 11.804 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.13 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Tgt Ion: 70 Resp: 41790

Ion	Ratio	Lower	Upper
70	100		
42	37.8	43.5	65.3#
101	0.0	7.8	11.6#
130	1.8	16.6	24.8#



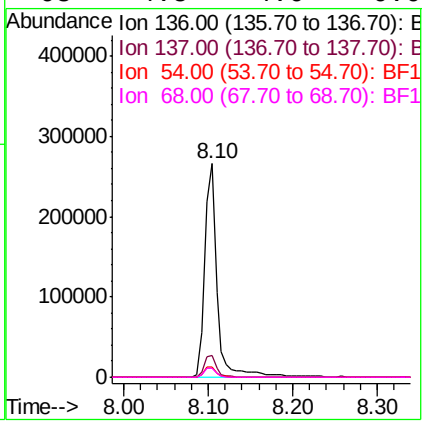


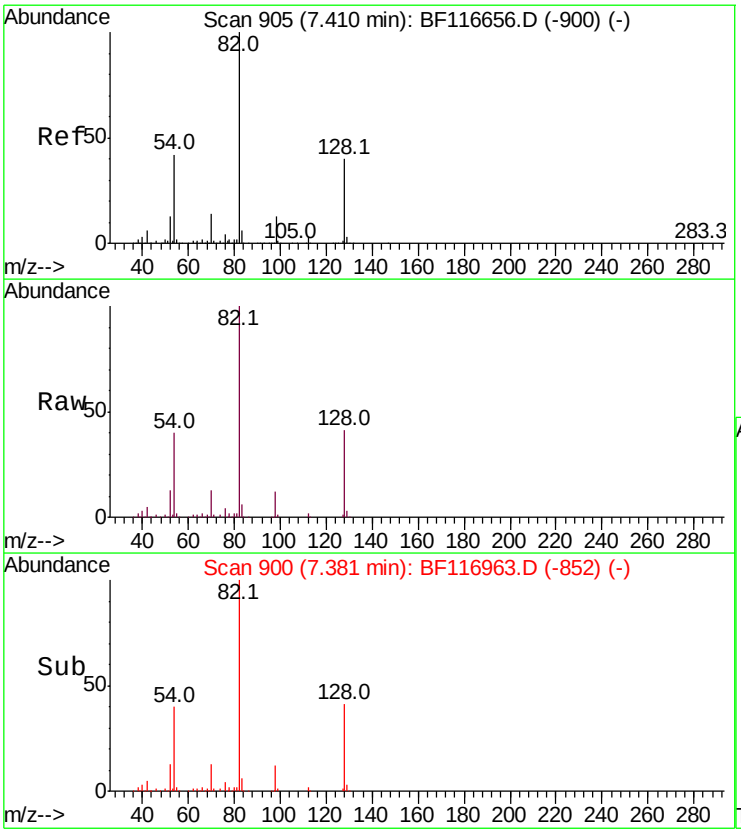
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 272125

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.9	13.3
54	4.8	4.8	7.2
68	4.5	4.0	6.0

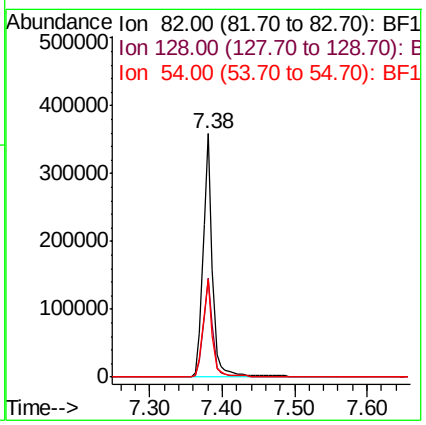


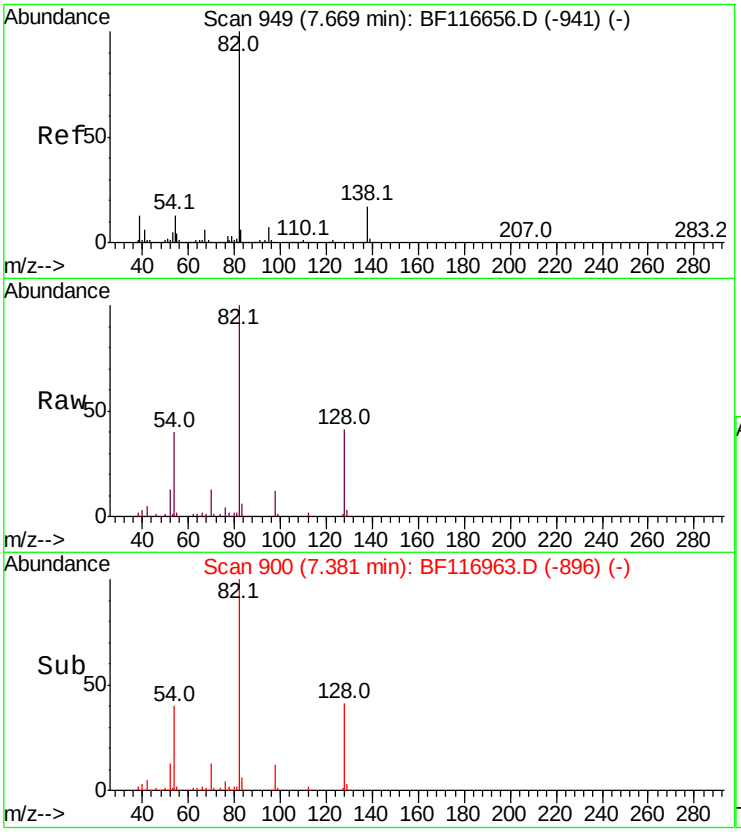


#23
Nitrobenzene-d5
Concen: 68.916 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Tgt Ion: 82 Resp: 328508

Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.8	49.2
54	40.2	36.9	55.3



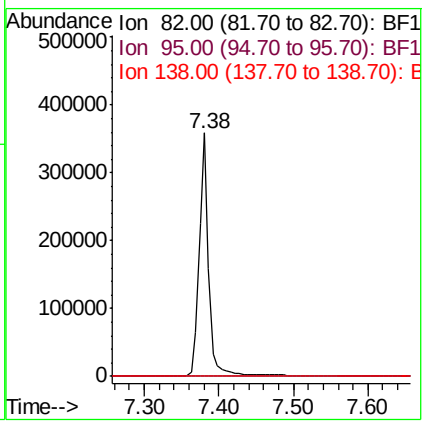


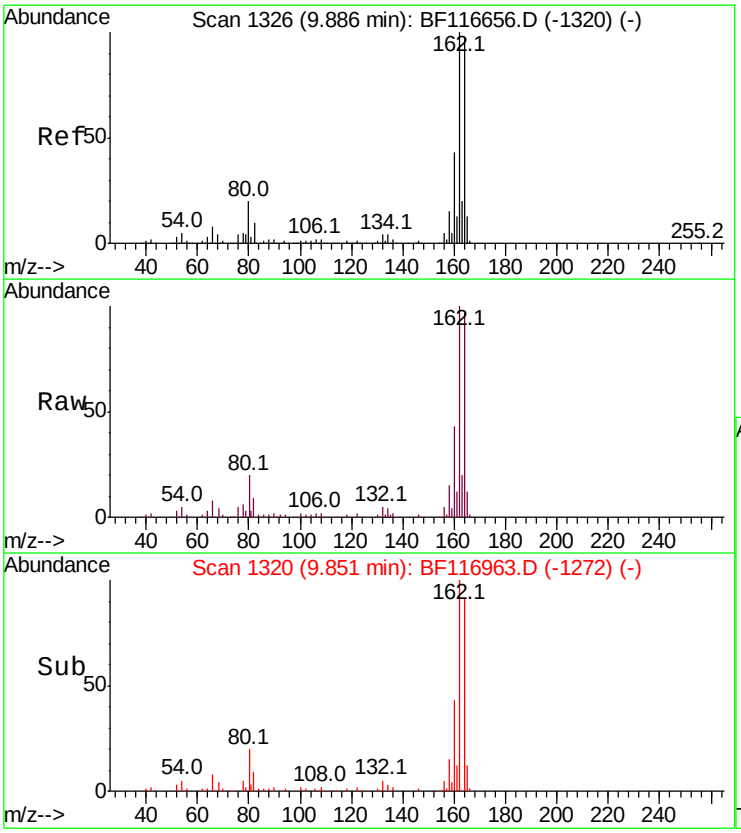
#25
Isophorone
Concen: 34.009 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.28 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 328505

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

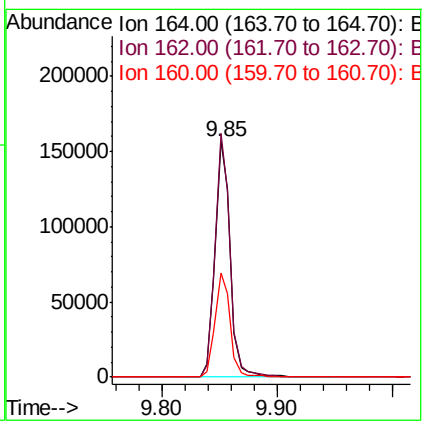


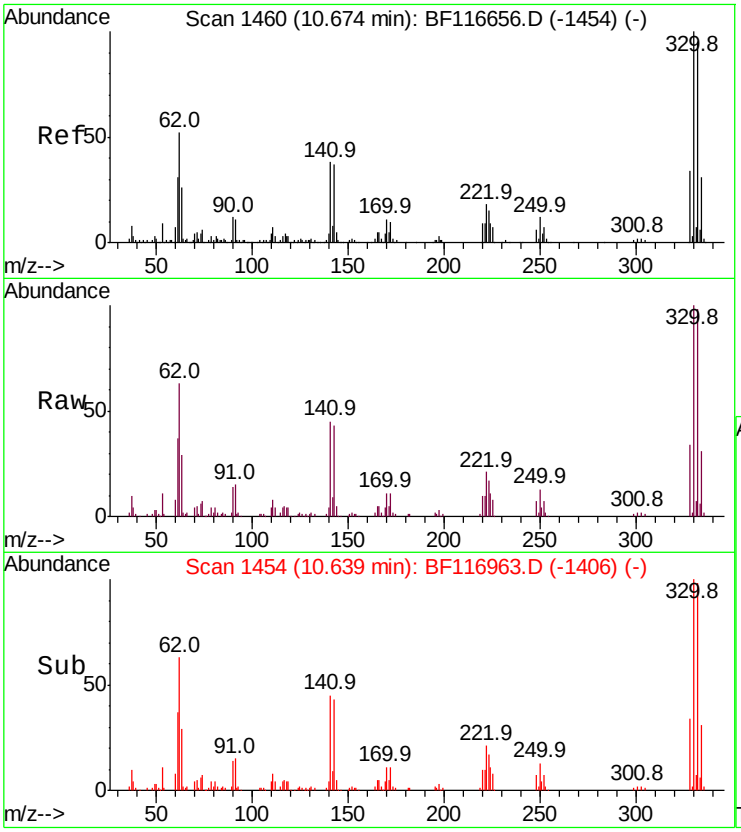


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Tgt Ion:164 Resp: 142584

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.4	122.0
160	44.4	35.4	53.2



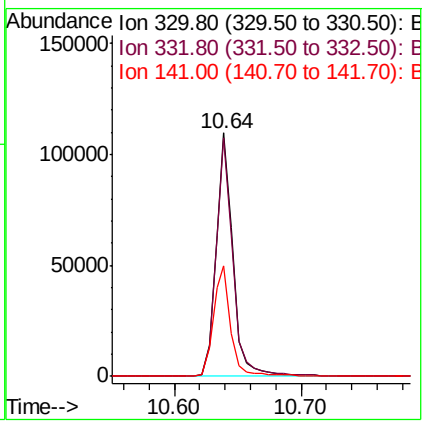


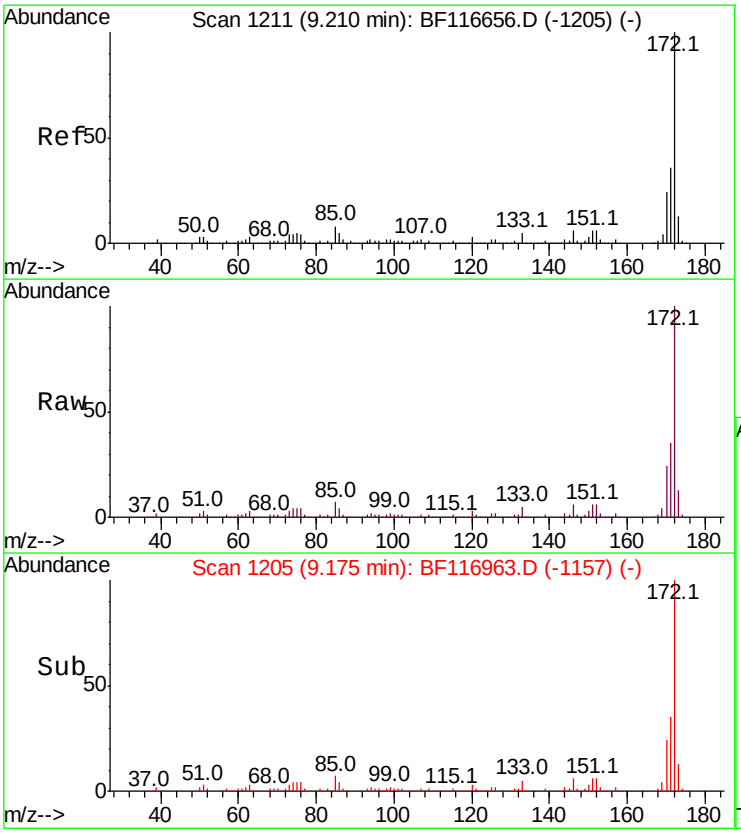
#42
2,4,6-Tribromophenol
Concen: 107.419 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.02 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 102392

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.9	115.3
141	46.4	31.4	47.2

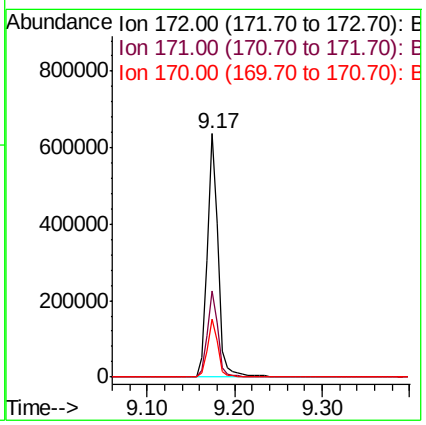


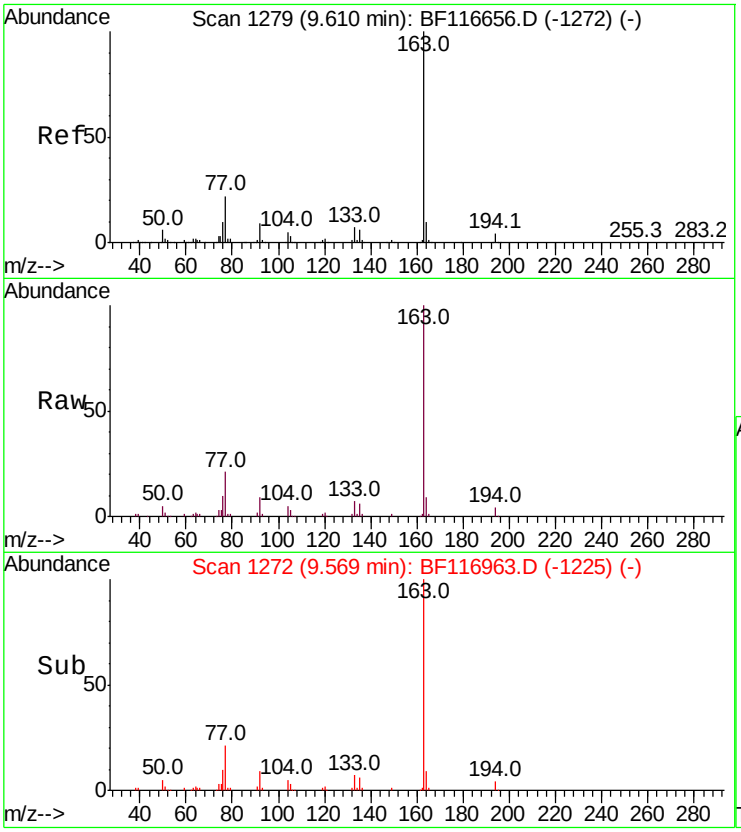


#45
2-Fluorobiphenyl
Concen: 64.924 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Tgt Ion:172 Resp: 548767

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.6
170	24.0	18.9	28.3

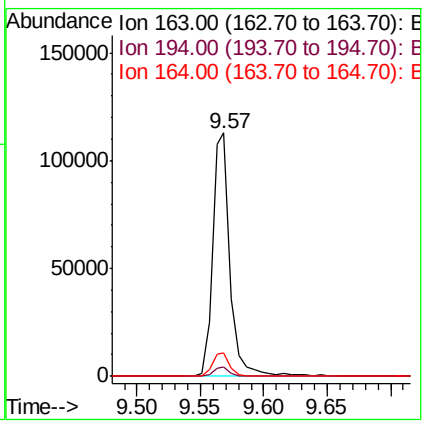




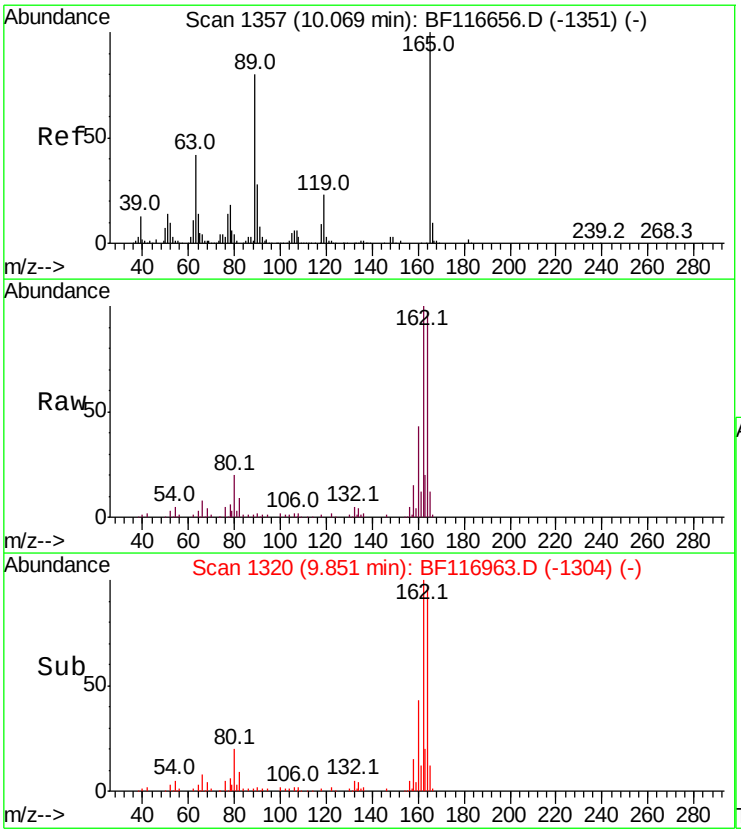
#50
Dimethylphthalate
Concen: 11.048 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Tgt Ion:163 Resp: 108760

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.4	8.6	12.8



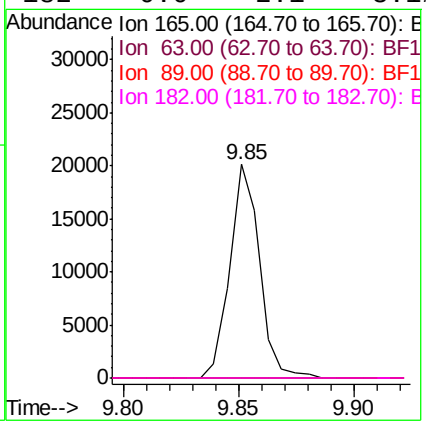
Instrument :
BNA_F
ClientSampleId :

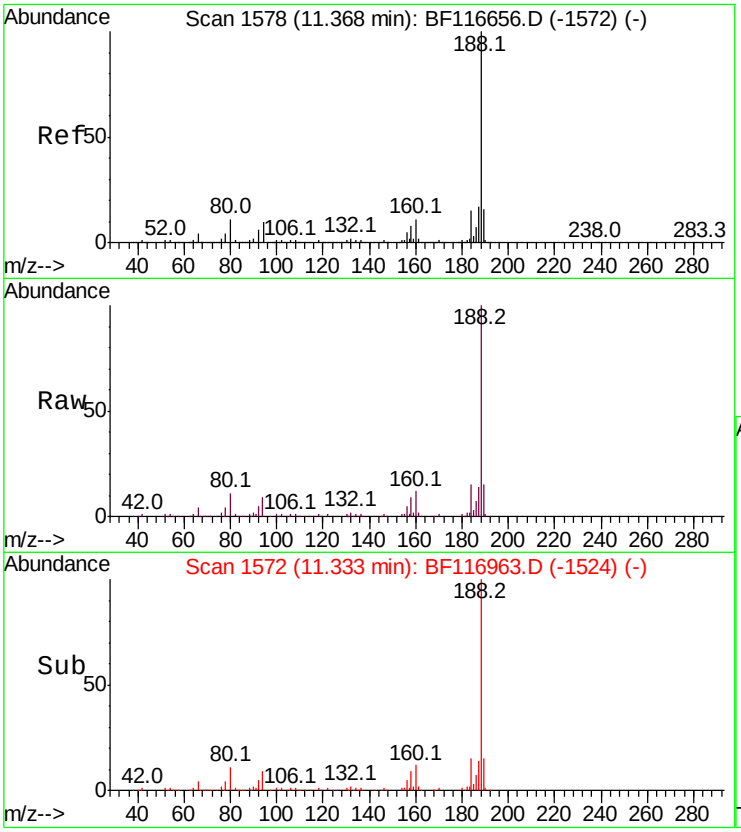


#57
2,4-Dinitrotoluene
Concen: 7.808 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.21 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Tgt Ion:165 Resp: 17932

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	62.6	94.0#
182	0.0	2.1	3.1#



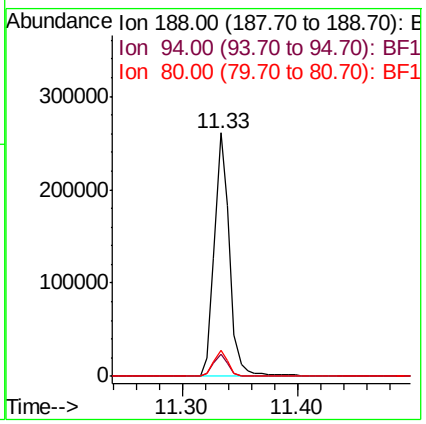


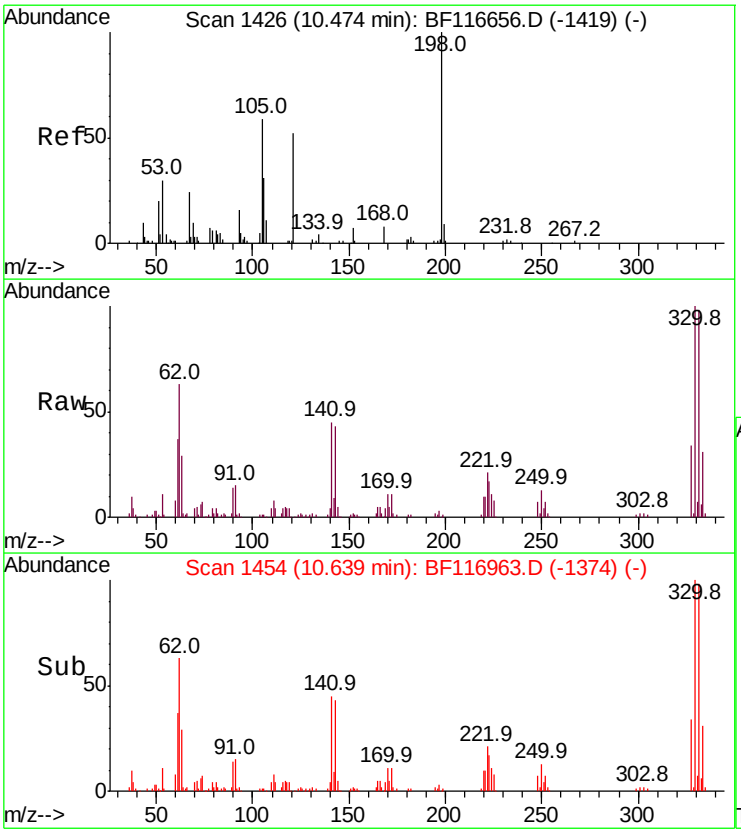
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 236638

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.3	10.9
80	10.7	8.4	12.6

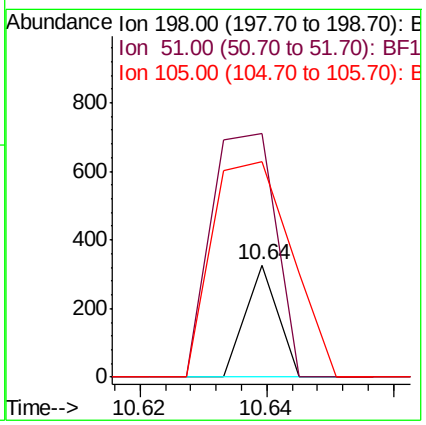


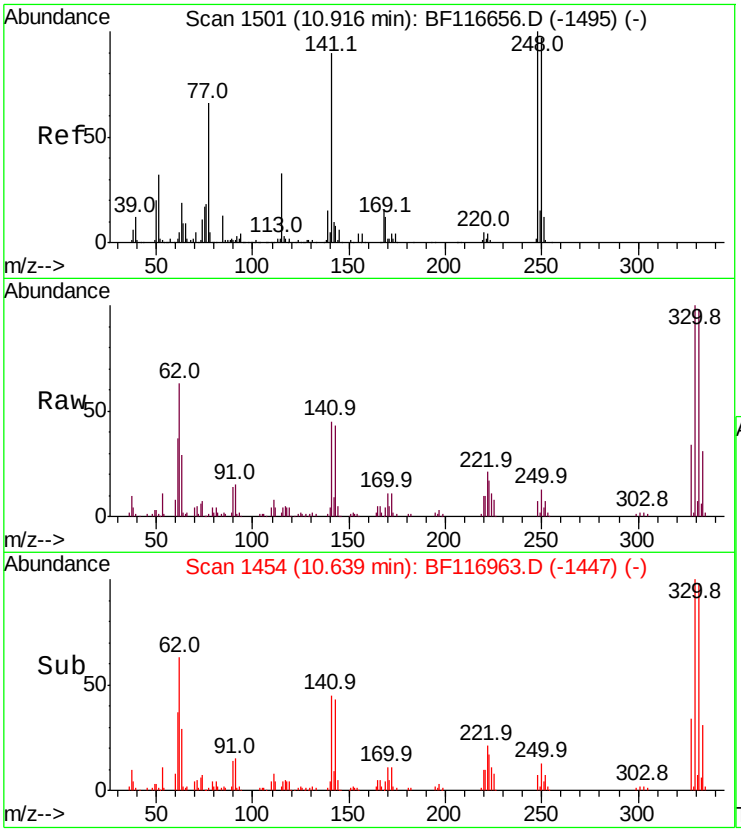


#65
4,6-Dinitro-2-methylphenol
Concen: 7.564 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.17 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Tgt Ion:198 Resp: 116

Ion	Ratio	Lower	Upper
198	100		
51	216.5	18.4	58.4#
105	191.5	22.9	62.9#



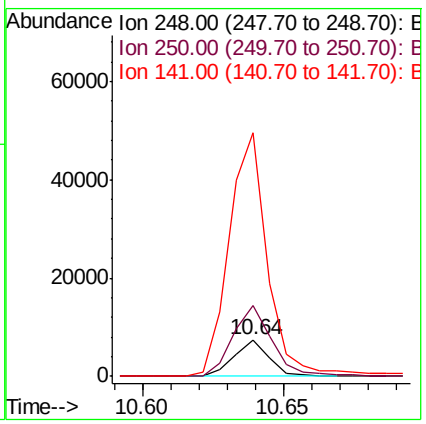


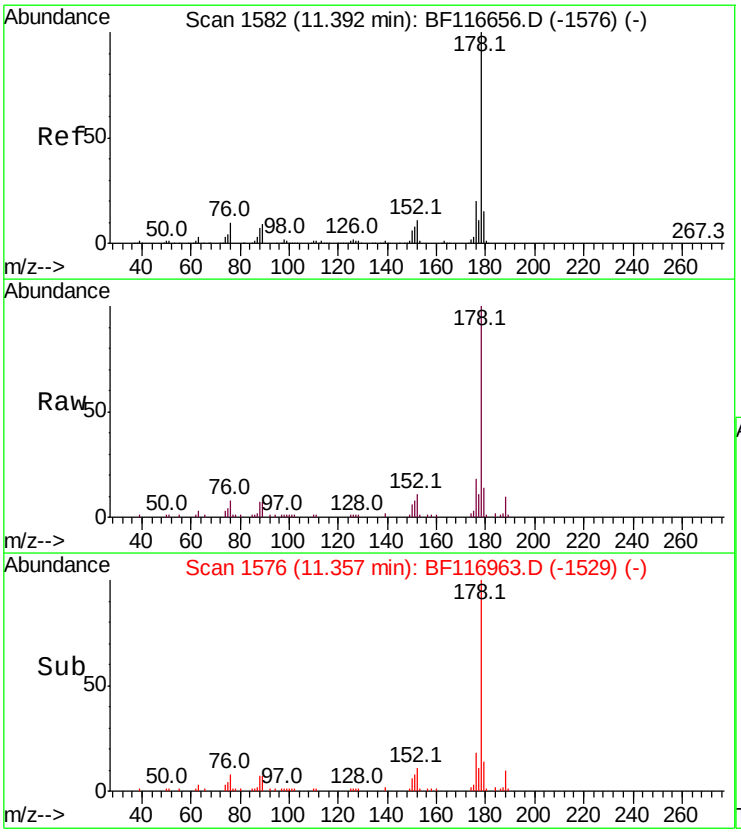
#67
4-Bromophenyl-phenylether
Concen: 2.684 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.26 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6452

Ion	Ratio	Lower	Upper
248	100		
250	194.2	77.8	116.8#
141	671.9	75.9	113.9#

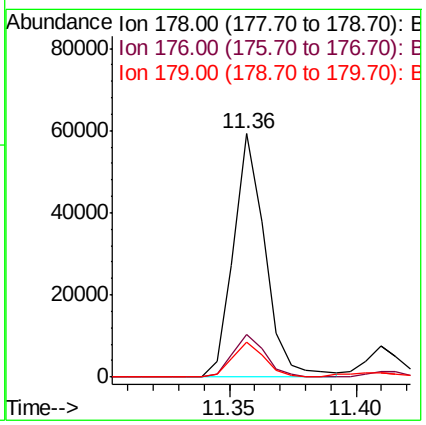


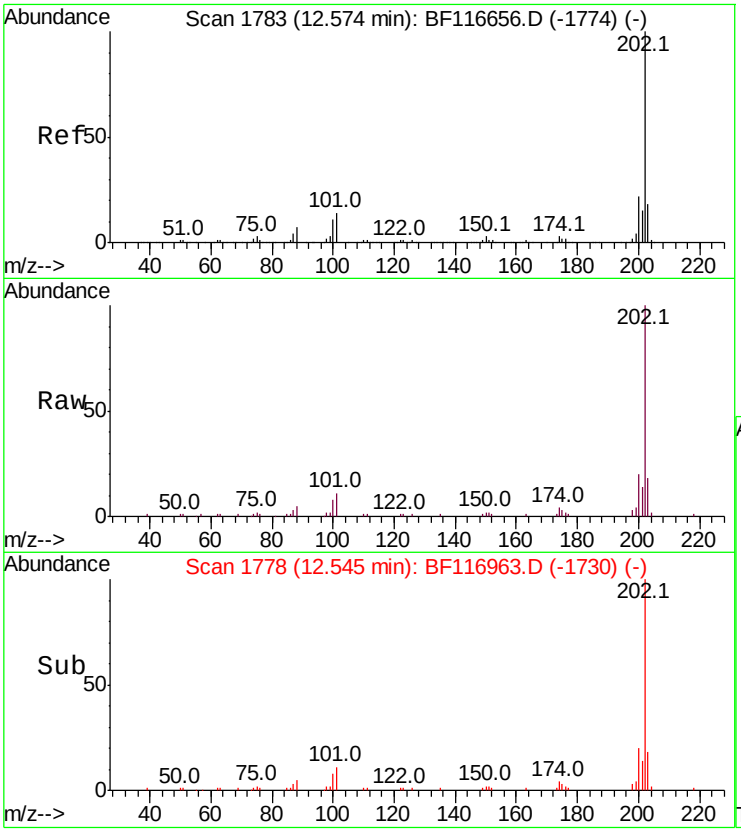


#71
Phenanthrene
Concen: 3.900 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.02 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Tgt Ion:178 Resp: 51379

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.0
179	14.4	12.2	18.2



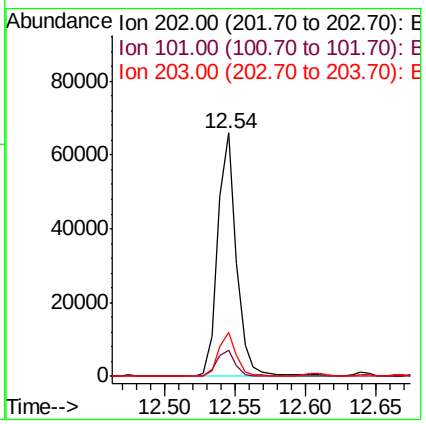


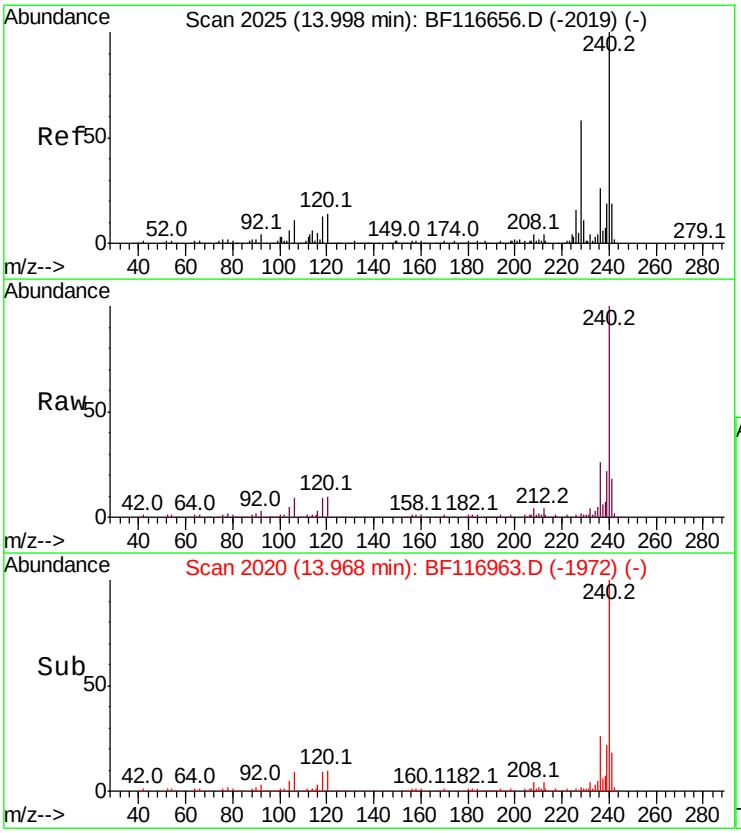
#75
Fluoranthene
Concen: 4.700 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.02 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 60842

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.3
203	18.2	0.0	37.6

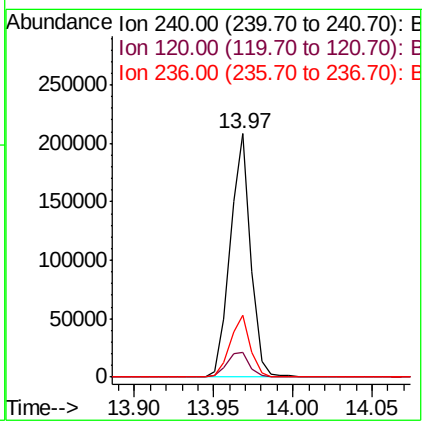


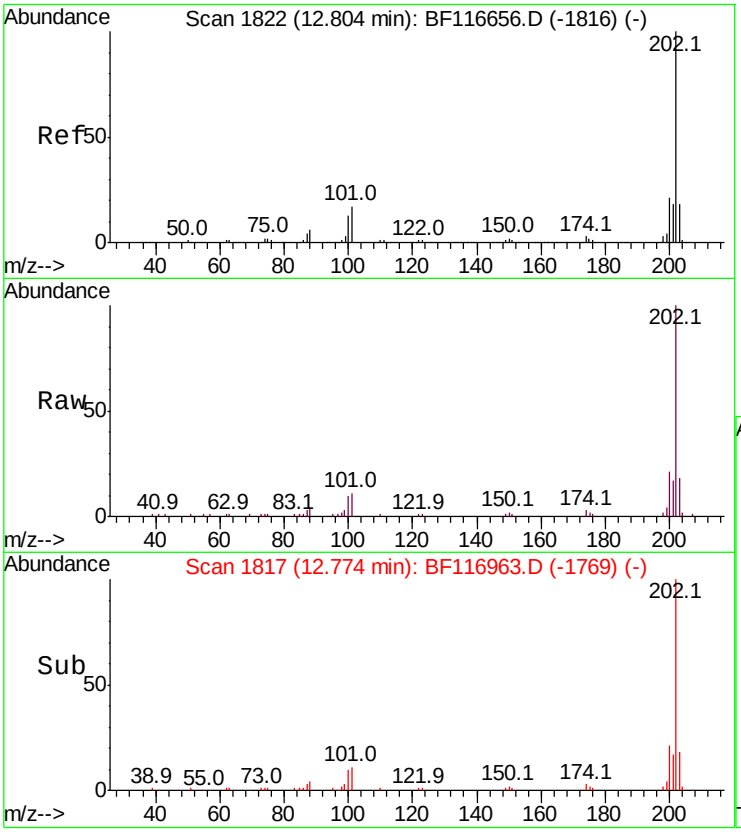


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Tgt Ion:240 Resp: 185249

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.1	13.7
236	25.5	21.1	31.7



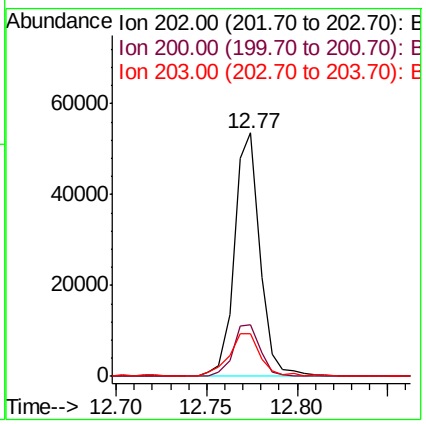


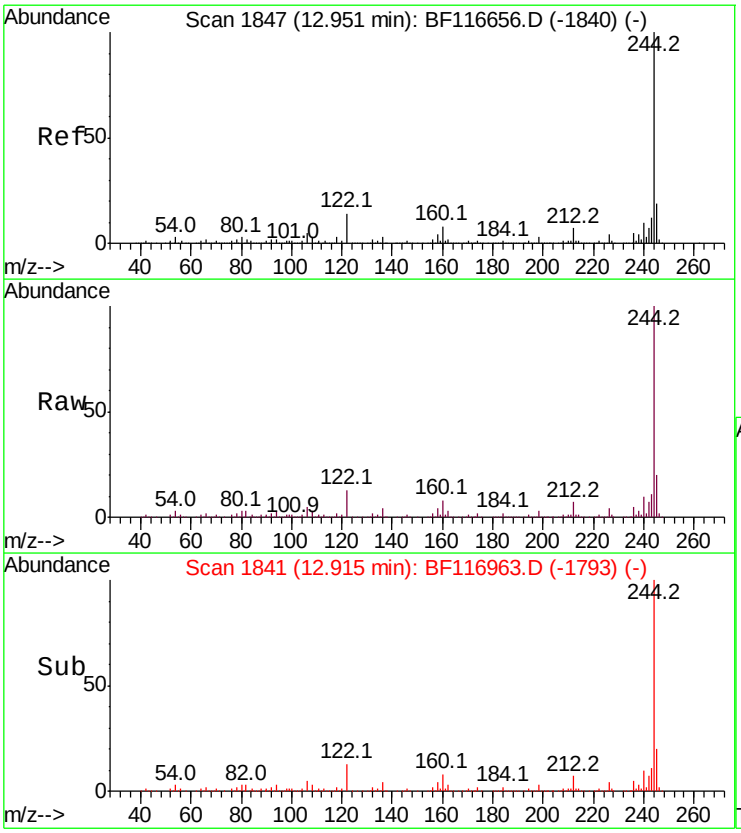
#78
Pyrene
Concen: 3.192 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 52566

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.5	24.7
203	17.7	13.7	20.5

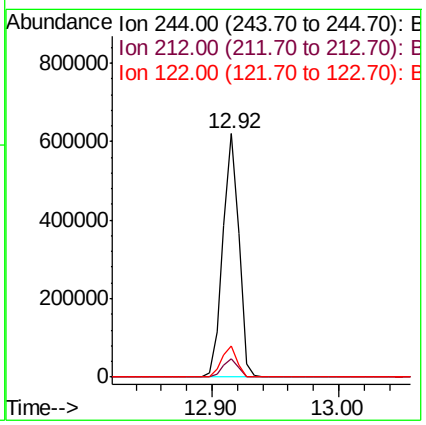


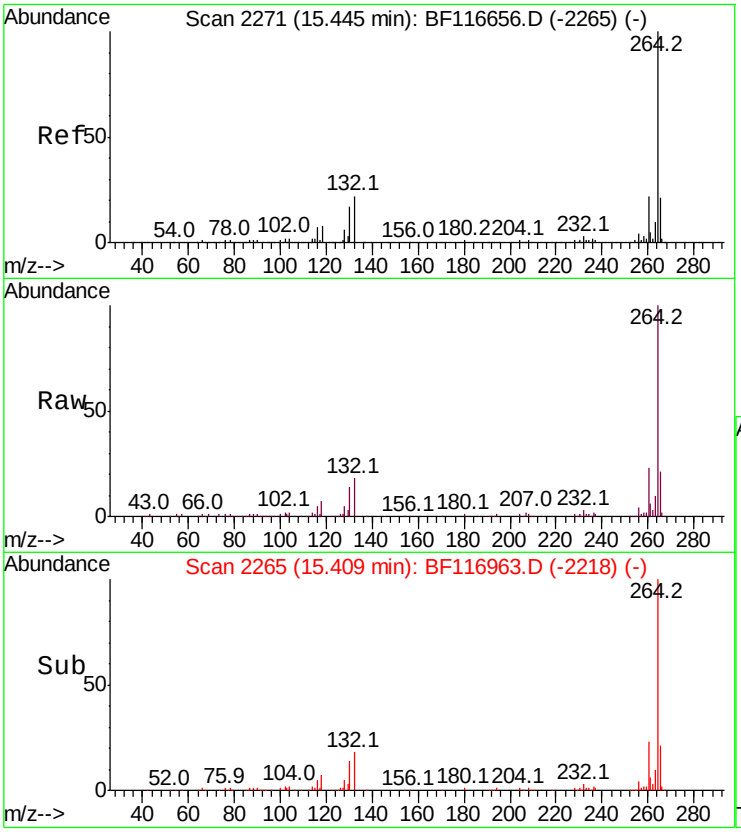


#79
Terphenyl-d14
Concen: 54.501 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Tgt Ion:244 Resp: 545762

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	12.6	10.2	15.4



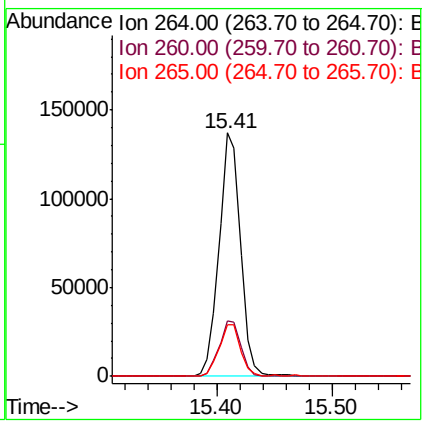


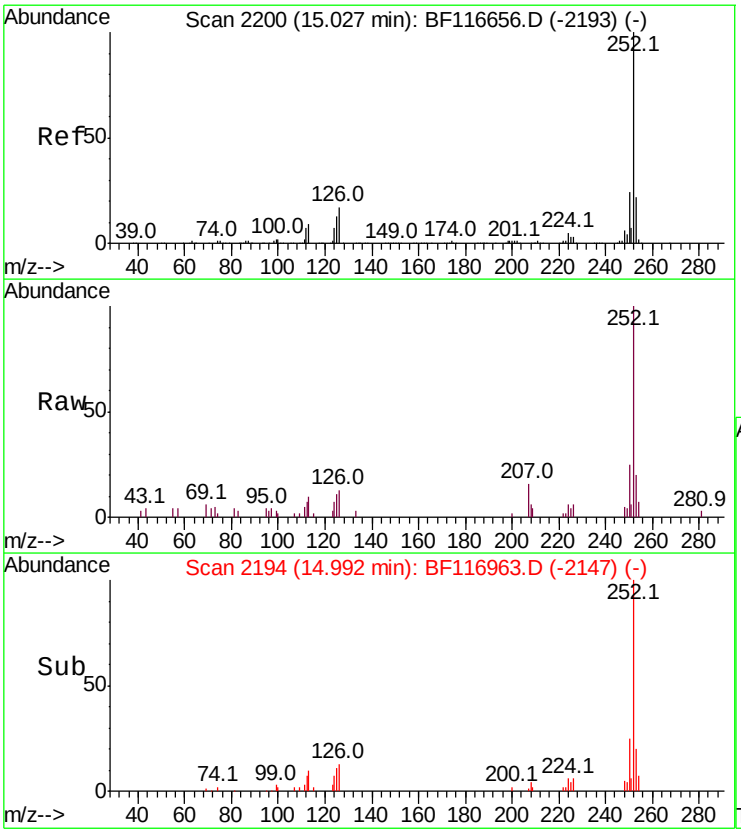
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 176374

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	21.4	16.5	24.7

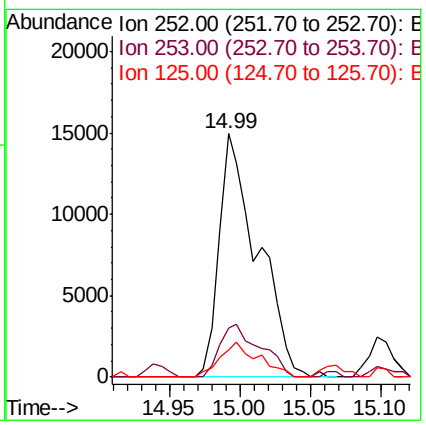


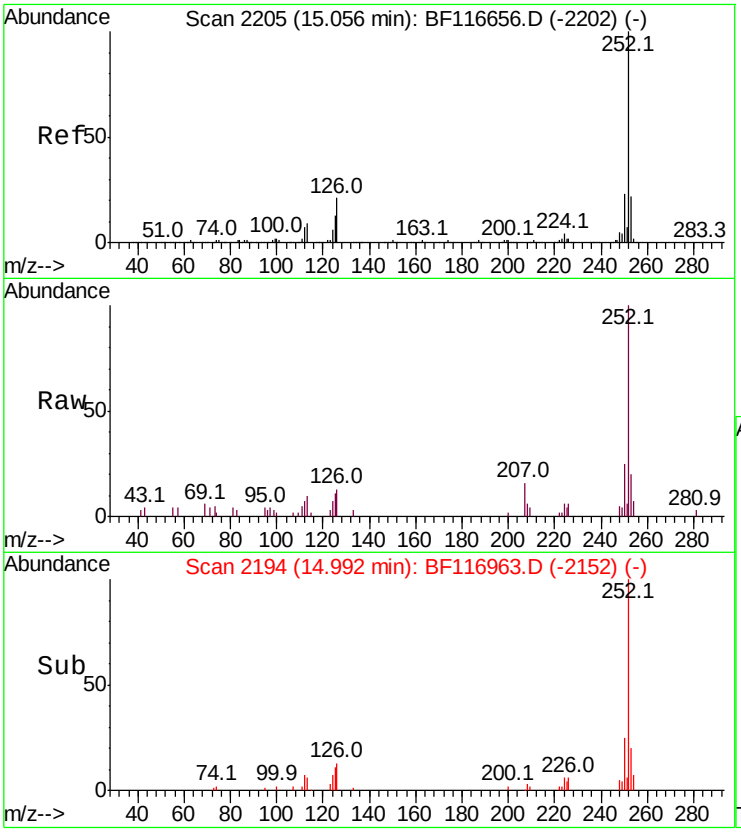


#88
Benzo(b)fluoranthene
Concen: 2.678 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Tgt Ion:252 Resp: 28561

Ion	Ratio	Lower	Upper
252	100		
253	20.0	17.7	26.5
125	11.4	8.2	12.2





#89
Benzo(k)fluoranthene
Concen: 2.938 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF116963.D
Acq: 11 Sep 2019 22:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 28561

Ion	Ratio	Lower	Upper
252	100		
253	20.0	17.7	26.5
125	11.4	8.6	13.0