Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116809.D
Acq On : 4 Sep 2019 12:24
Operator : HP/JU
Sample : K4643-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 05 02:04:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	51609	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	207230	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	106376	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	179648	20.00	ng		-0.01
76) Chrysene-d12	13.99	240	148255	20.00	ng		0.00
87) Perylene-d12	15.44	264	138782	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	217650	68.32	ng		0.00
7) Phenol-d6	6.47	99	296118	70.79	ng		-0.01
23) Nitrobenzene-d5	7.40	82	171490	47.24	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	59483	83.64	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	277383	43.99	ng		-0.01
79) Terphenyl-d14	12.94	244	303715	37.90	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	22942	8.330	ng	#	71
25) Isophorone	7.40	82	171510	23.317	ng	#	66
50) Dimethylphthalate	9.59	163	26395	3.594	ng		97
51) 2,6-Dinitrotoluene	9.88	165	13926	9.939	ng	#	19
57) 2,4-Dinitrotoluene	9.88	165	13926	8.128	ng	#	19
67) 4-Bromophenyl-phenylether	10.66	248	3911	2.143	ng	#	1
75) Fluoranthene	12.57	202	32532	3.310	ng		94
78) Pyrene	12.57	202	32532	2.468	ng		95
88) Benzo(b)fluoranthene	15.02	252	29101	3.468	ng	#	94
89) Benzo(k)fluoranthene	15.02	252	29101	3.804	ng	#	94

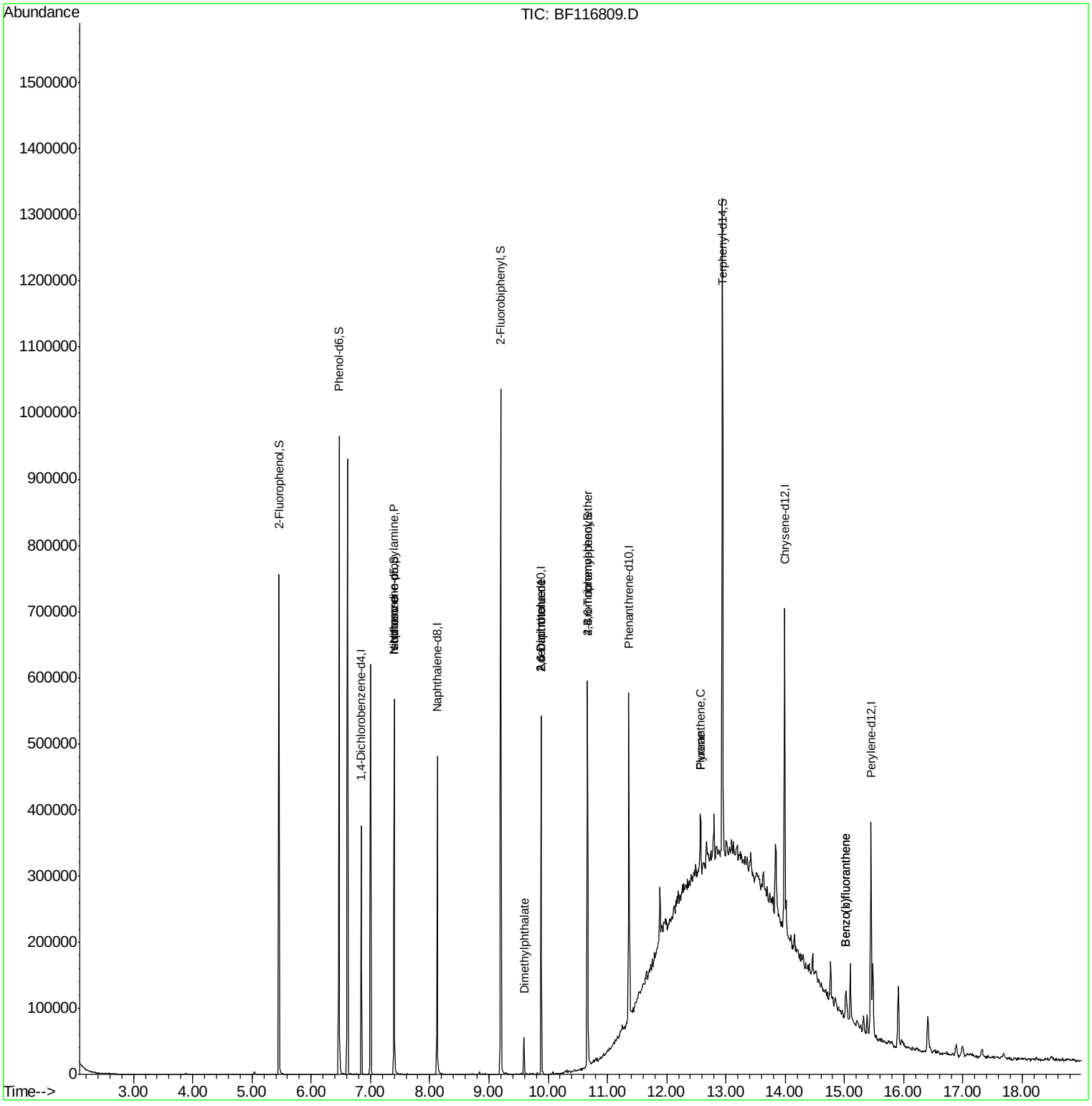
(#) = qualifier out of range (m) = manual integration (+) = signals summed

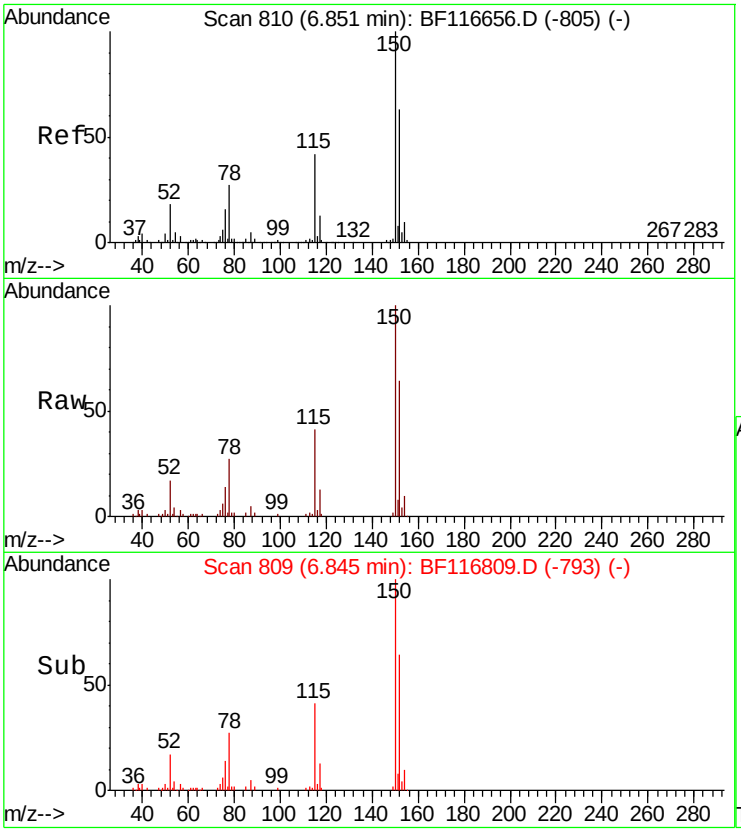
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116809.D
Acq On : 4 Sep 2019 12:24
Operator : HP/JU
Sample : K4643-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 05 02:04:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration



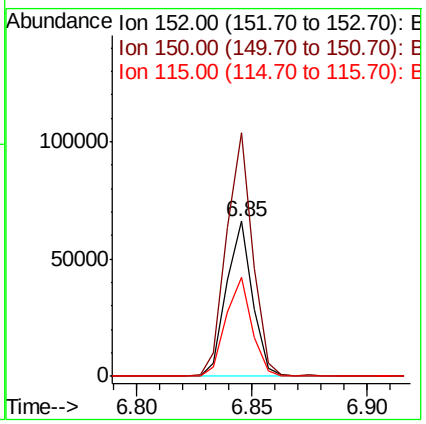


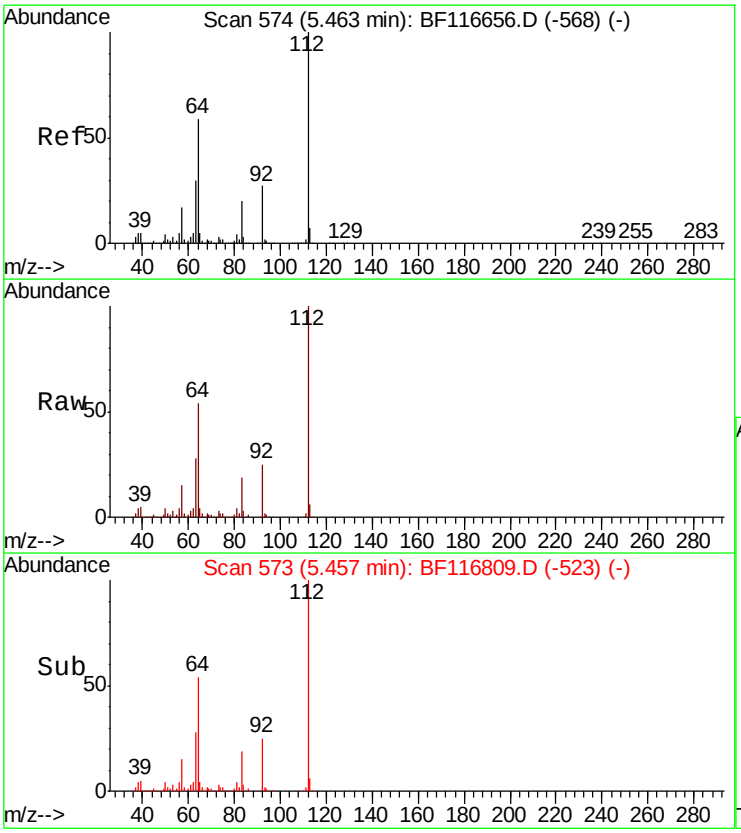
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 51609

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.4	186.6
115	63.8	49.9	74.9

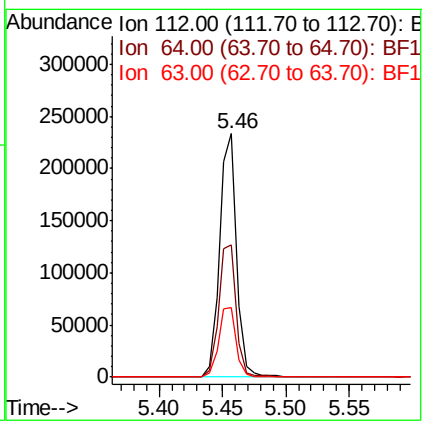


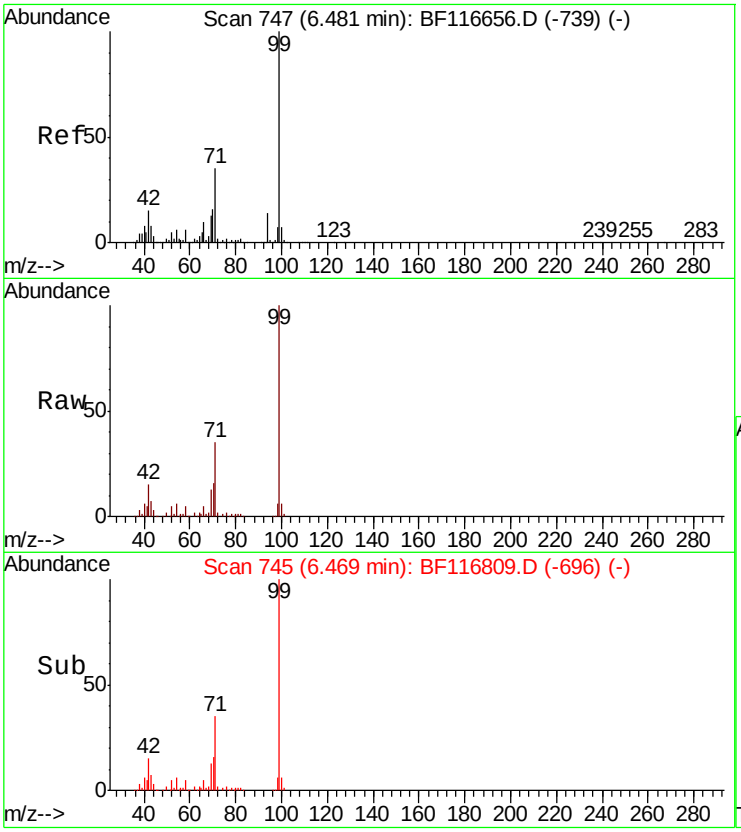


#5
2-Fluorophenol
Concen: 68.322 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Tgt Ion:112 Resp: 217650

Ion	Ratio	Lower	Upper
112	100		
64	54.3	47.1	70.7
63	28.4	24.9	37.3



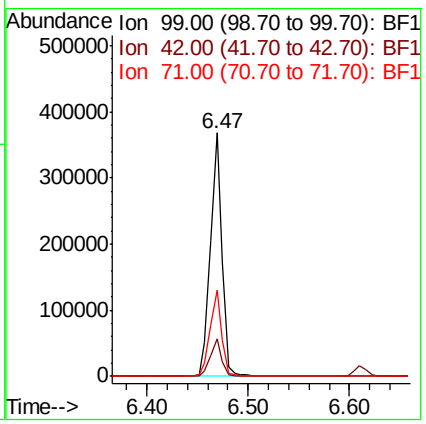


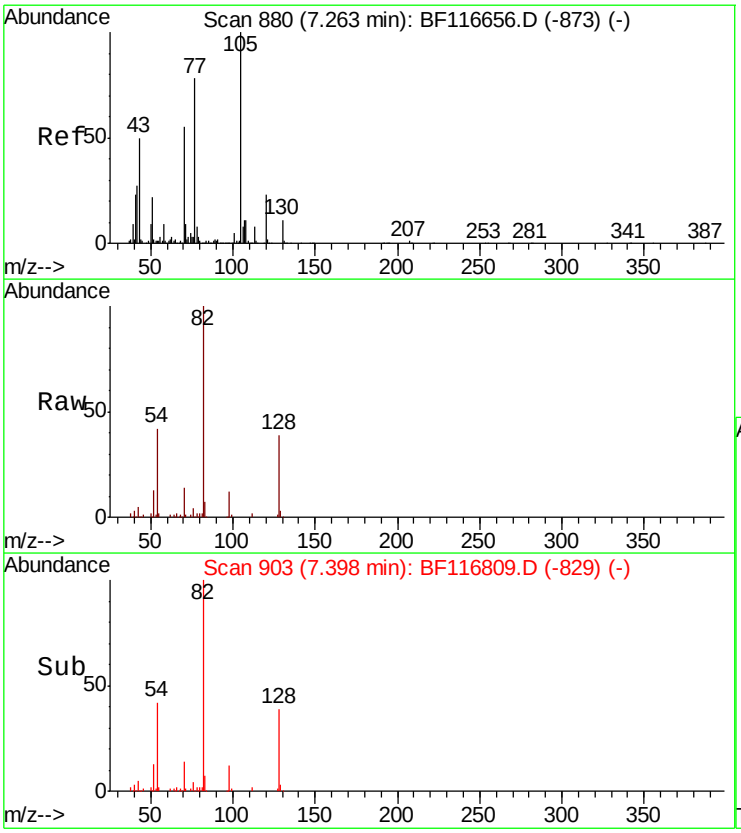
#7
Phenol-d6
Concen: 70.789 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 296118

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.7	20.5
71	35.4	30.8	46.2

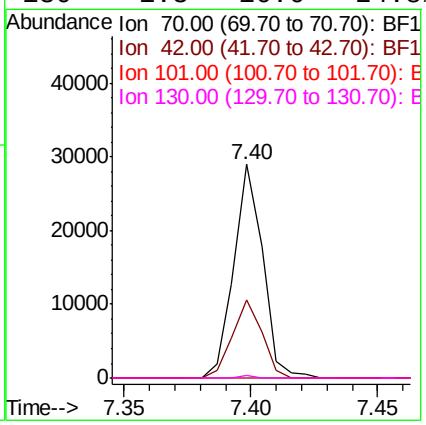


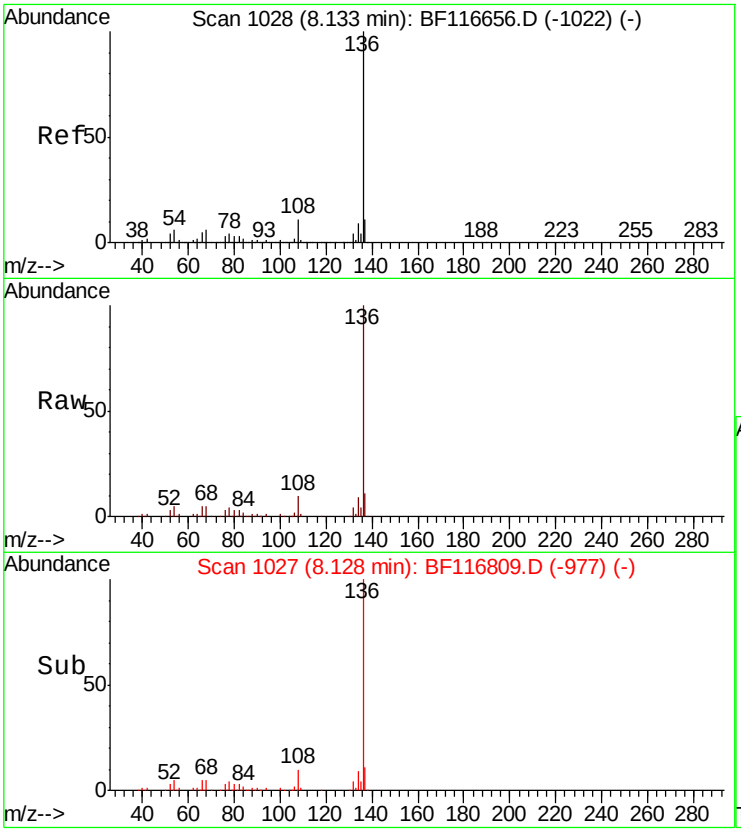


#19
n-Nitroso-di-n-propylamine
Concen: 8.330 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Tgt Ion: 70 Resp: 22942

Ion	Ratio	Lower	Upper
70	100		
42	36.5	43.5	65.3#
101	0.0	7.8	11.6#
130	1.3	16.6	24.8#



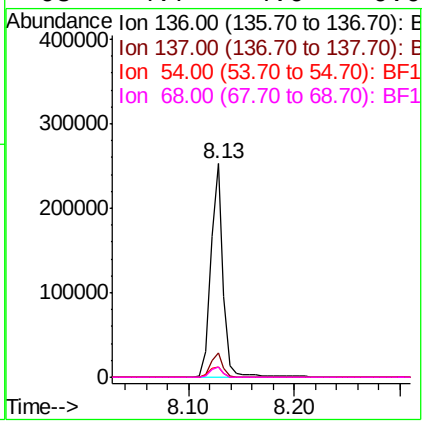


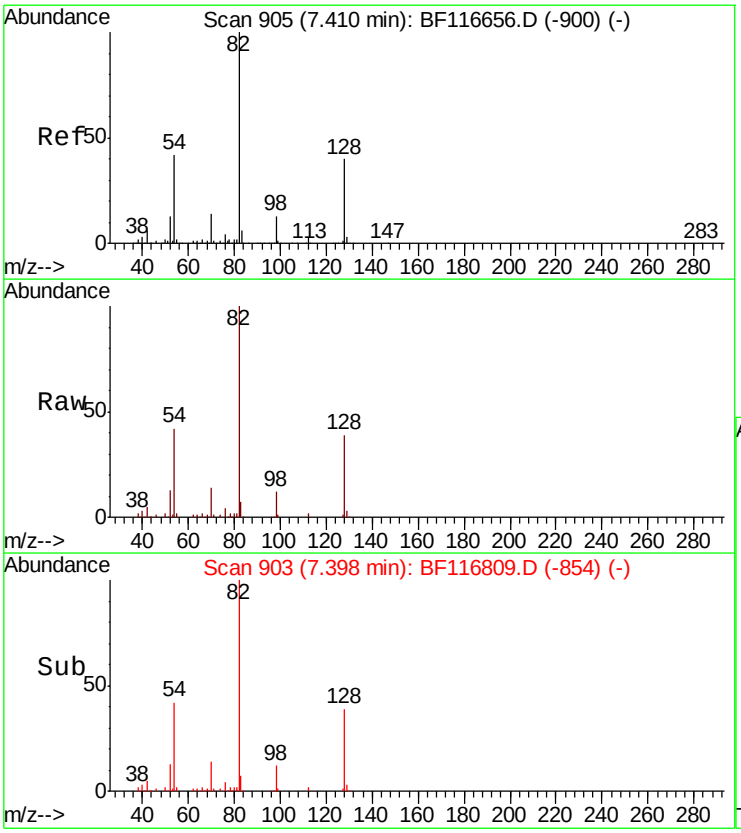
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 207230

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	5.0	4.8	7.2
68	4.7	4.0	6.0

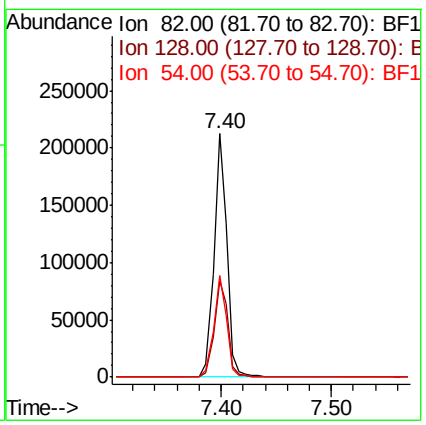


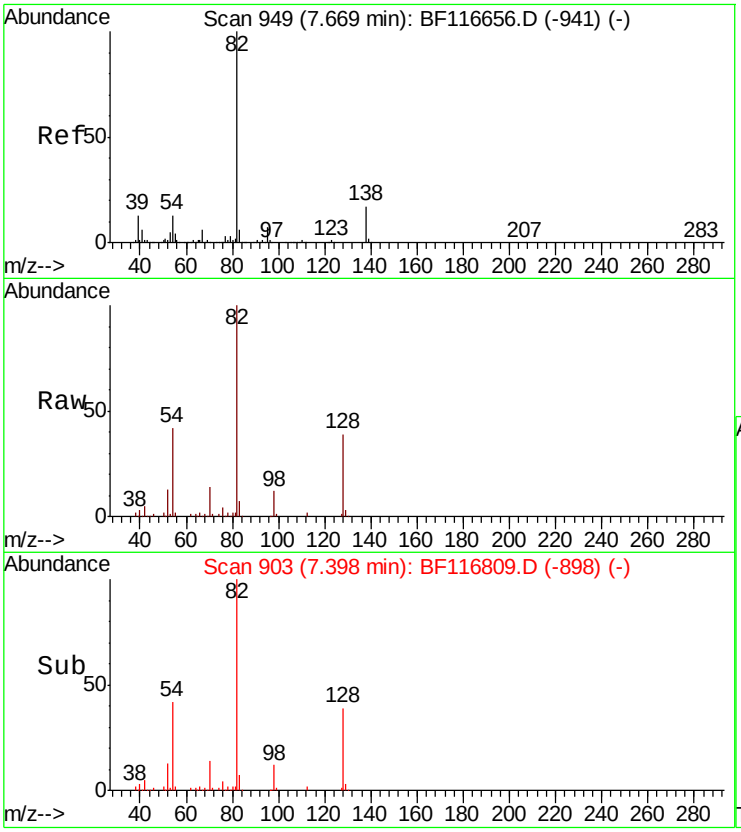


#23
Nitrobenzene-d5
Concen: 47.242 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Tgt Ion: 82 Resp: 171490

Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.8	49.2
54	41.9	36.9	55.3



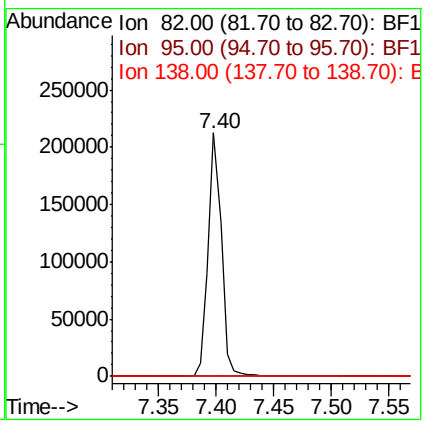


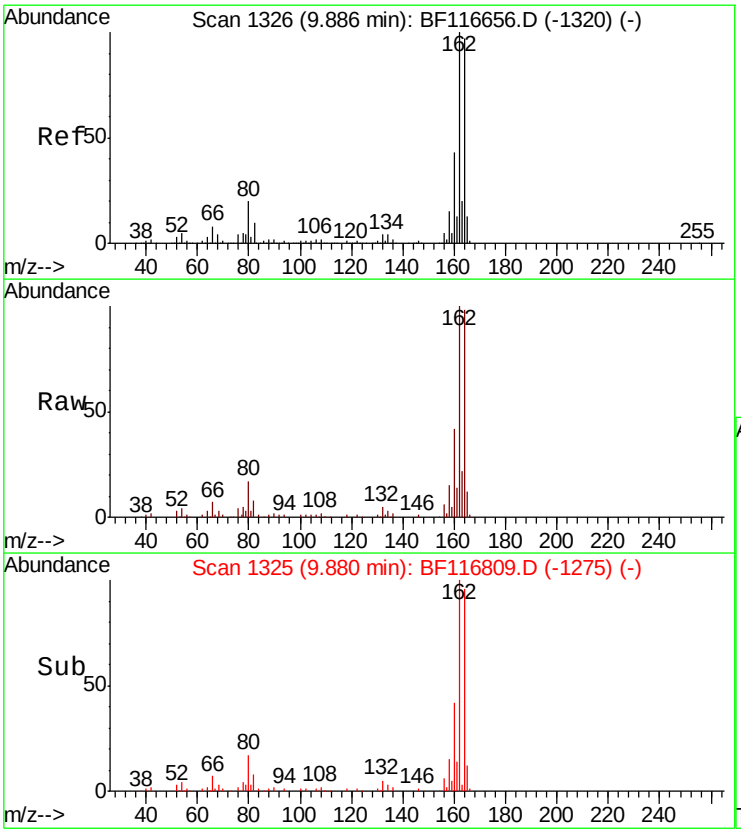
#25
Isophorone
Concen: 23.317 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 171510

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

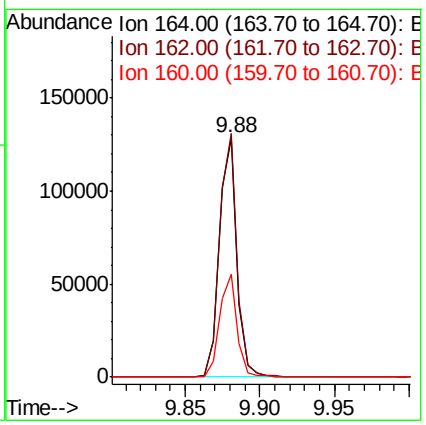


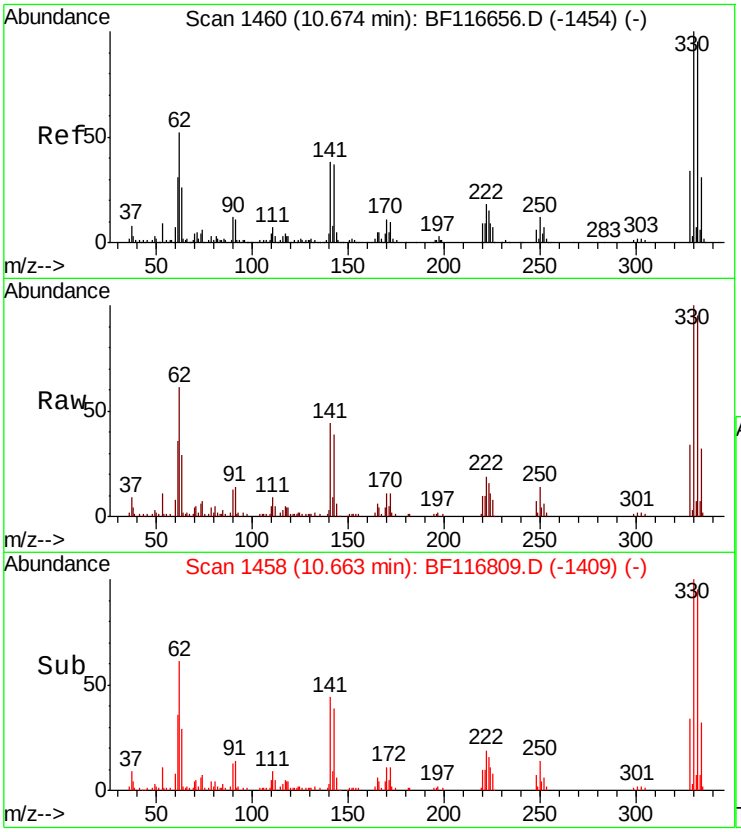


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Tgt Ion:164 Resp: 106376

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.4	122.0
160	42.9	35.4	53.2



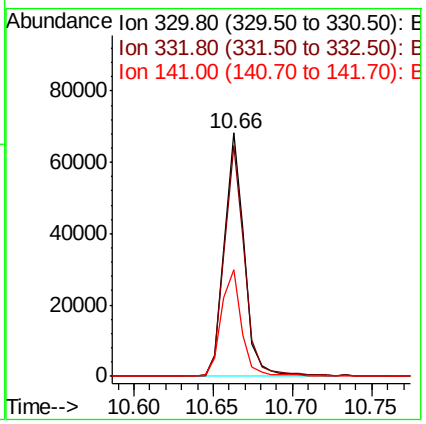


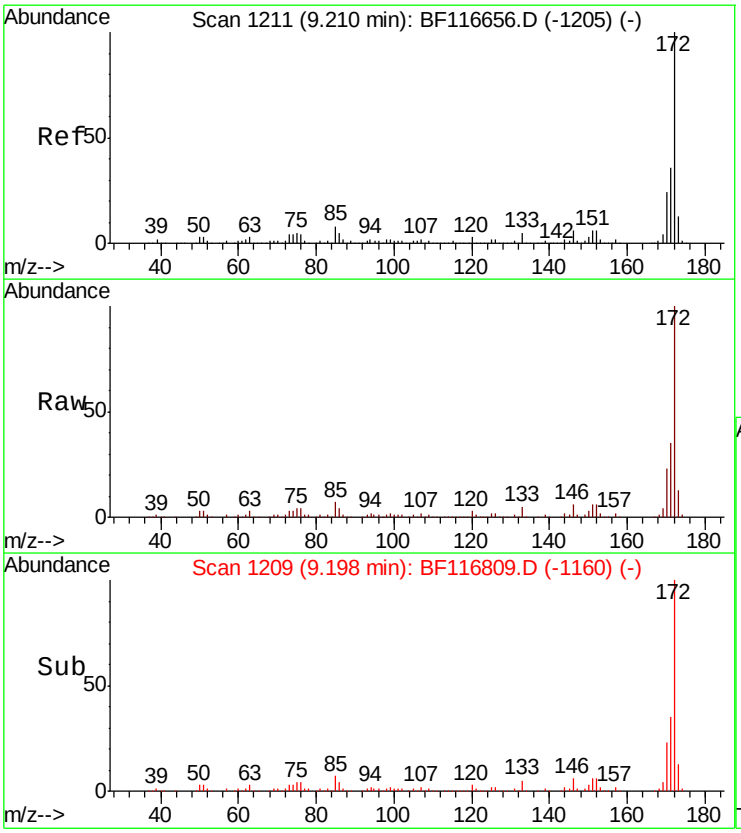
#42
2,4,6-Tribromophenol
Concen: 83.644 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 59483

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	44.5	31.4	47.2

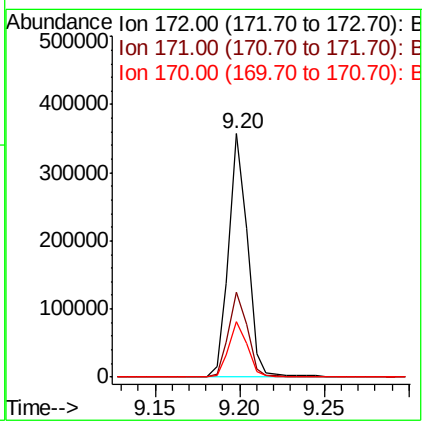


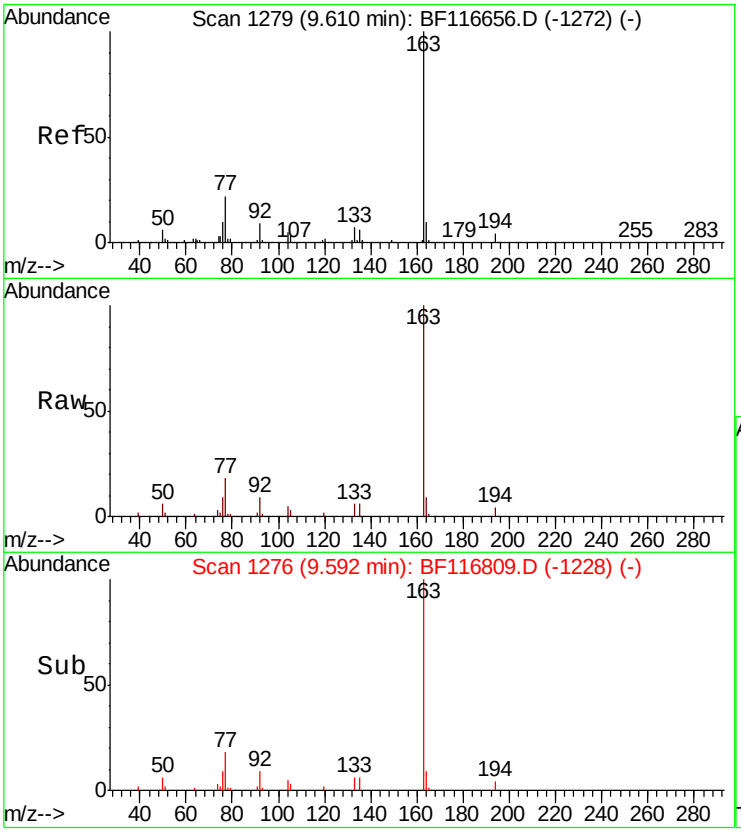


#45
2-Fluorobiphenyl
Concen: 43.987 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Tgt Ion:172 Resp: 277383

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	22.9	18.9	28.3



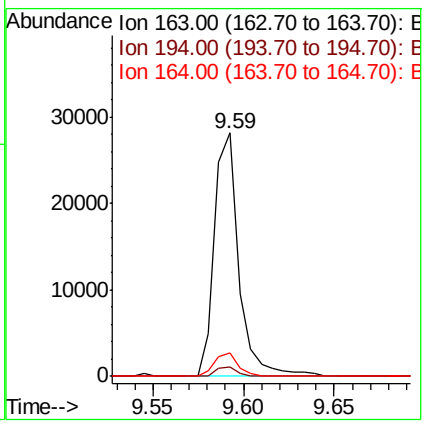


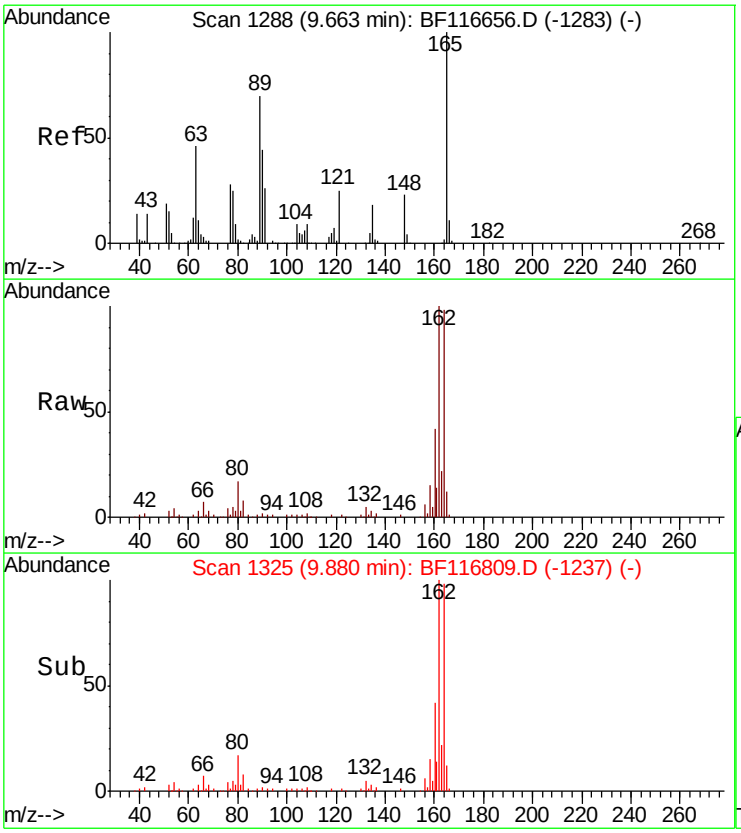
#50
Dimethylphthalate
Concen: 3.594 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 26395

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.5	8.6	12.8

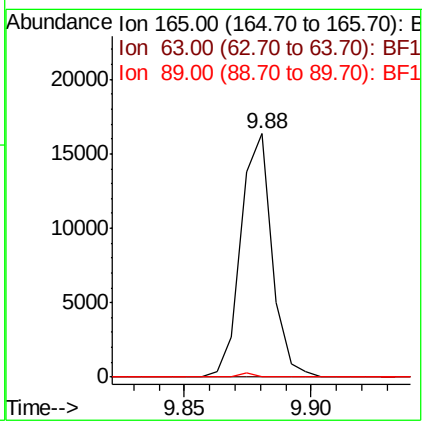


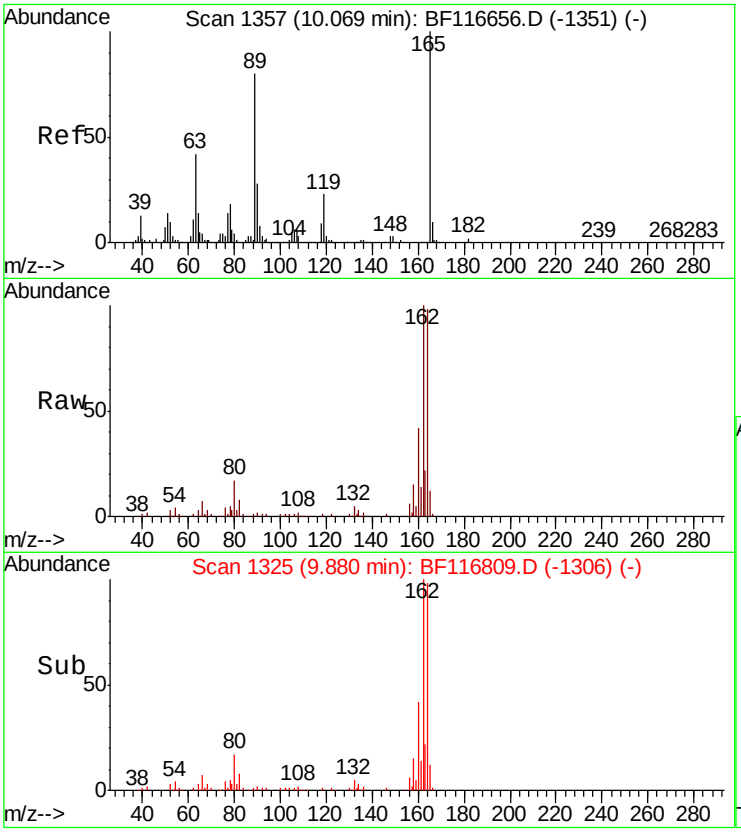


#51
2,6-Dinitrotoluene
Concen: 9.939 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.22 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Tgt Ion:165 Resp: 13926

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.3	70.9#
89	0.0	52.5	78.7#



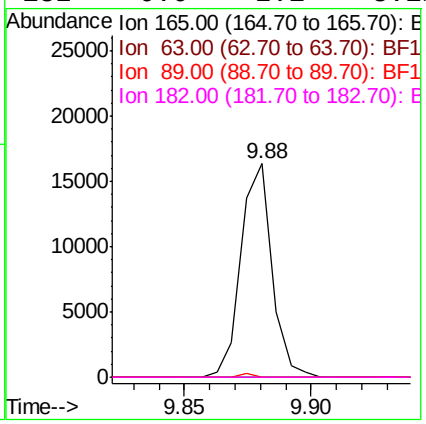


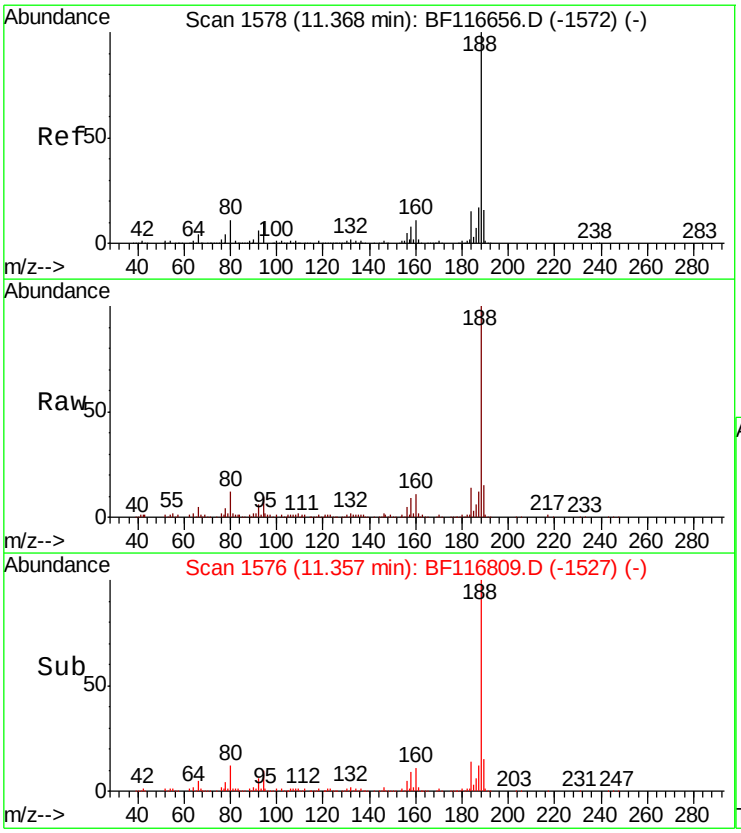
#57
2,4-Dinitrotoluene
Concen: 8.128 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13926

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#

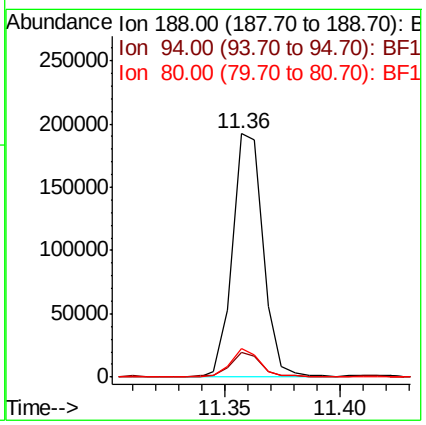


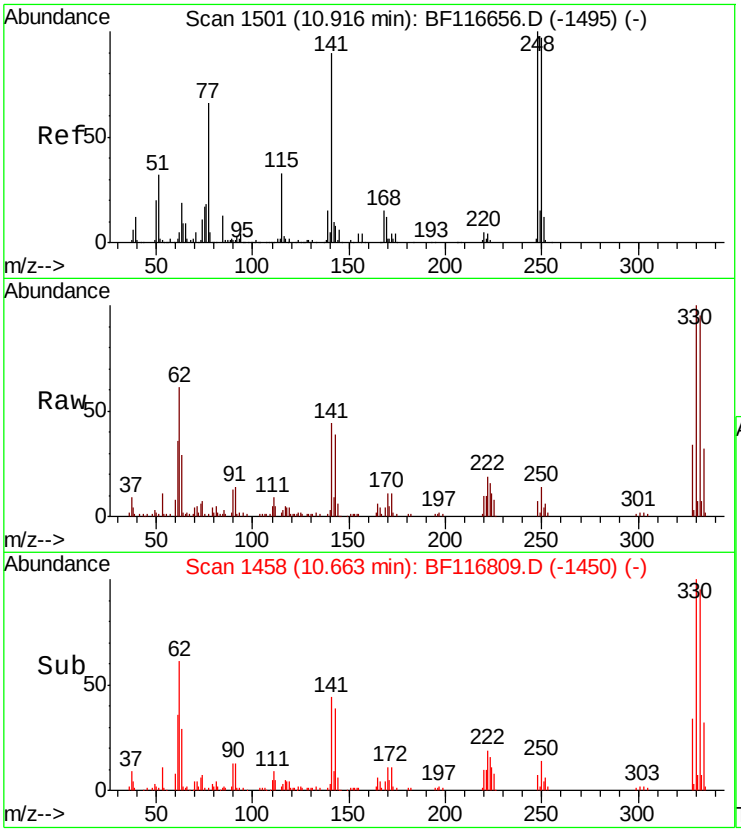


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Tgt Ion:188 Resp: 179648

Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.3	10.9
80	12.0	8.4	12.6



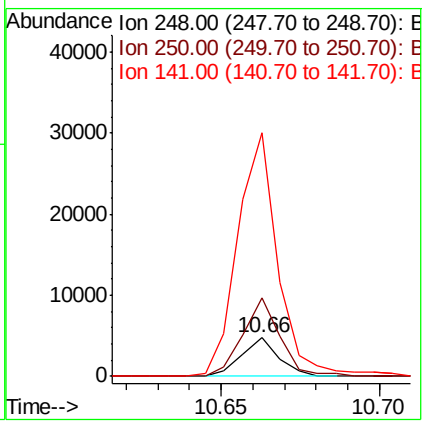


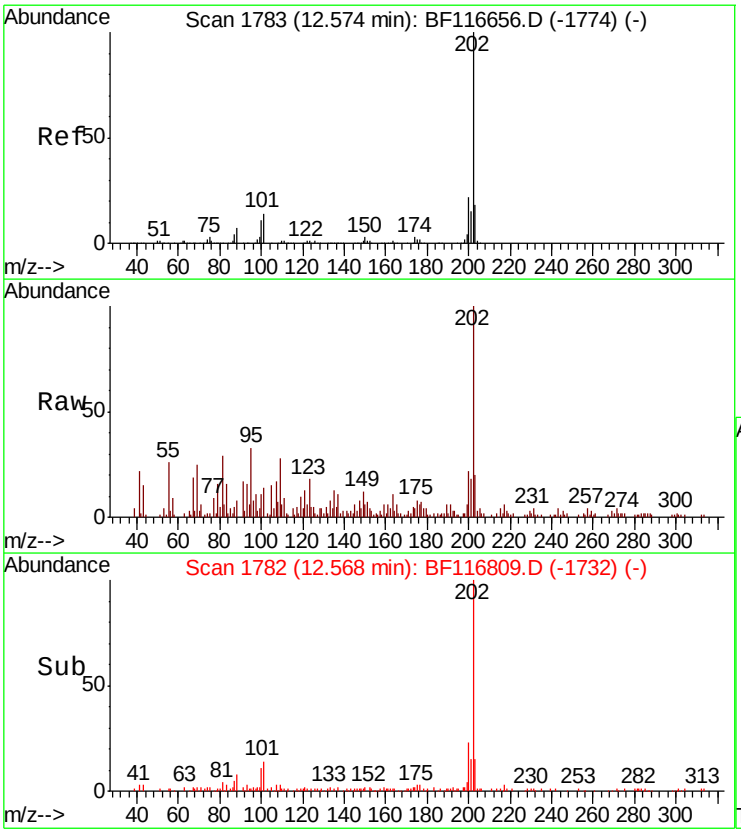
#67
4-Bromophenyl-phenylether
Concen: 2.143 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 3911

Ion	Ratio	Lower	Upper
248	100		
250	203.7	77.8	116.8#
141	635.9	75.9	113.9#

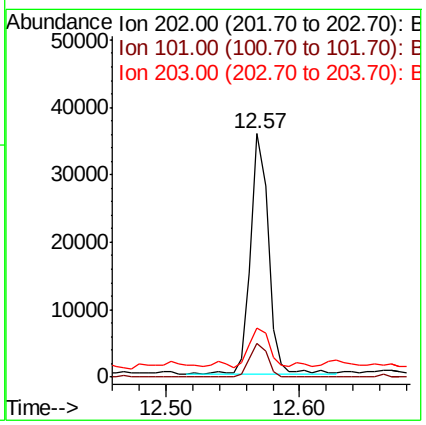


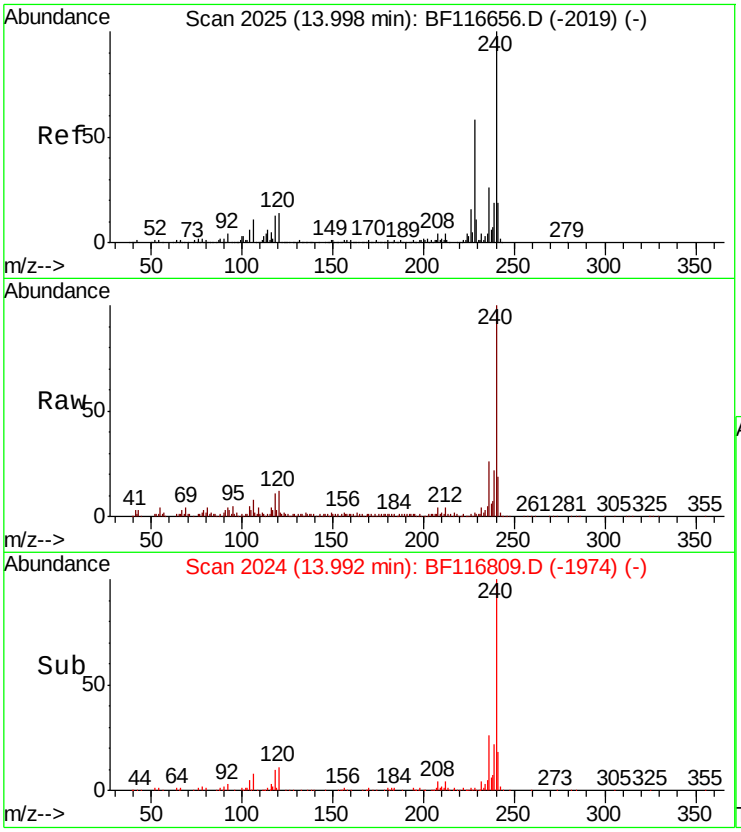


#75
Fluoranthene
Concen: 3.310 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Tgt Ion:202 Resp: 32532

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	31.3
203	20.0	0.0	37.6



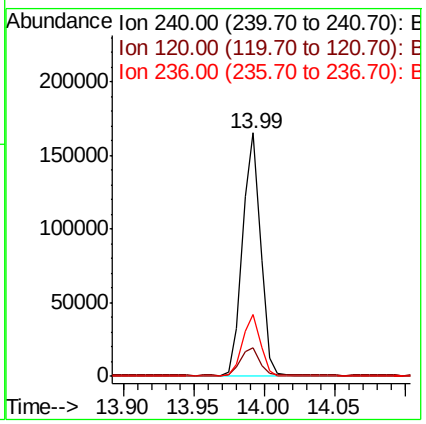


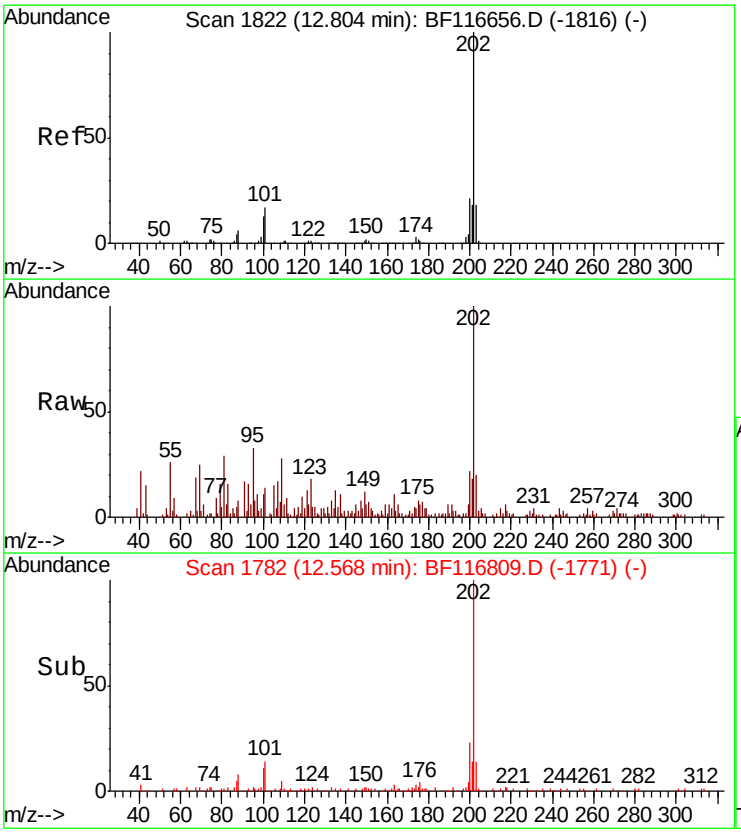
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 148255

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.1	13.7
236	25.7	21.1	31.7

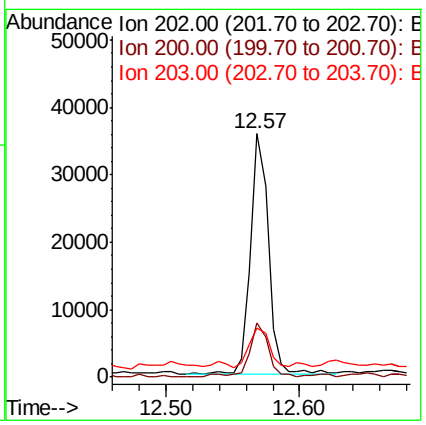


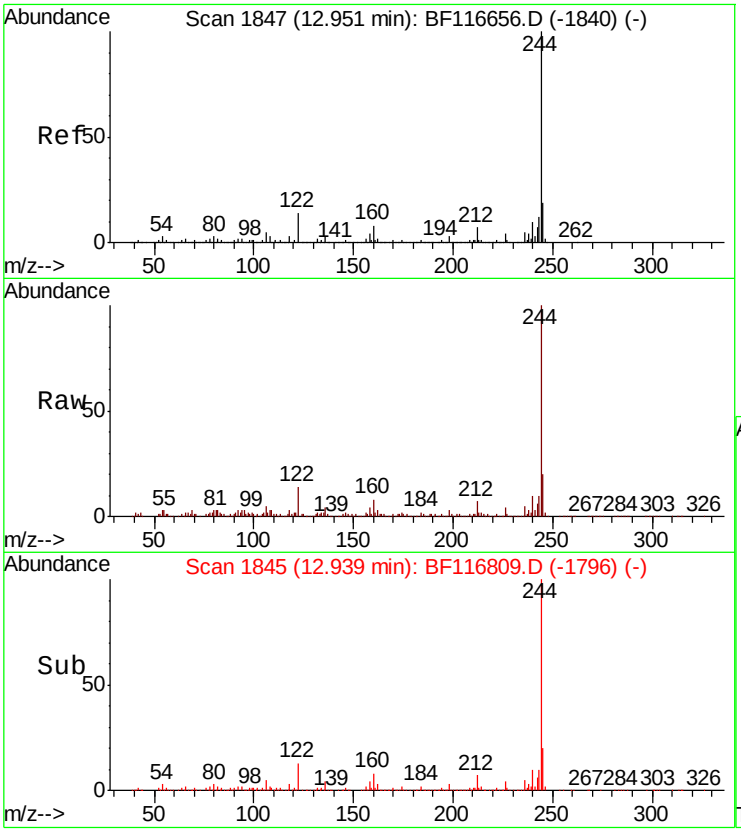


#78
Pyrene
Concen: 2.468 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.24 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Tgt Ion:202 Resp: 32532

Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.5	24.7
203	20.0	13.7	20.5



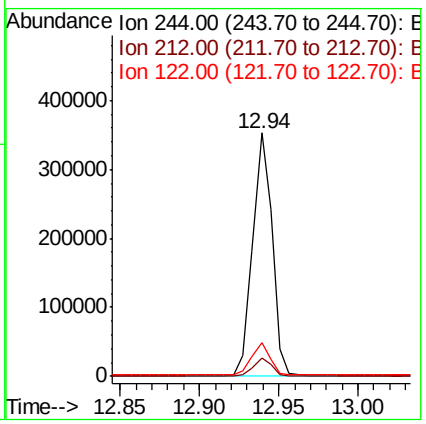


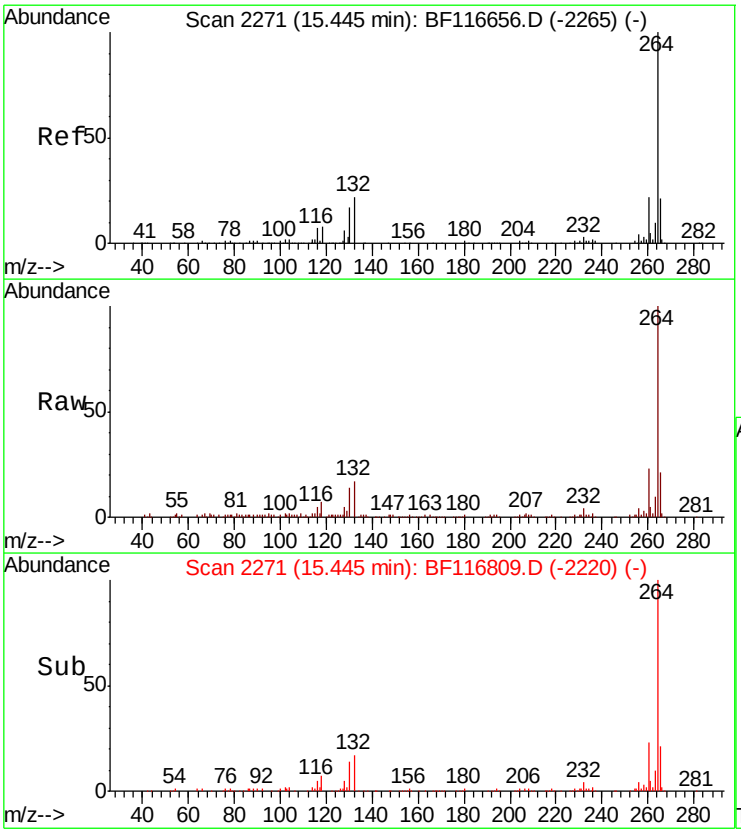
#79
Terphenyl-d14
Concen: 37.898 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 303715

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	13.7	10.2	15.4

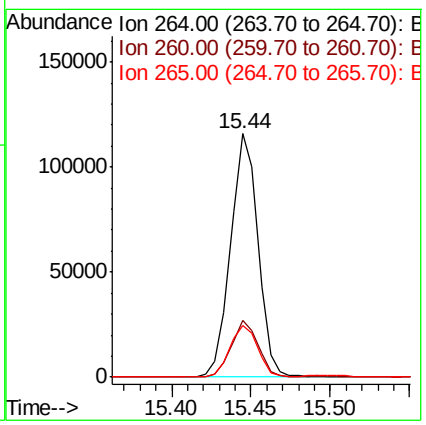


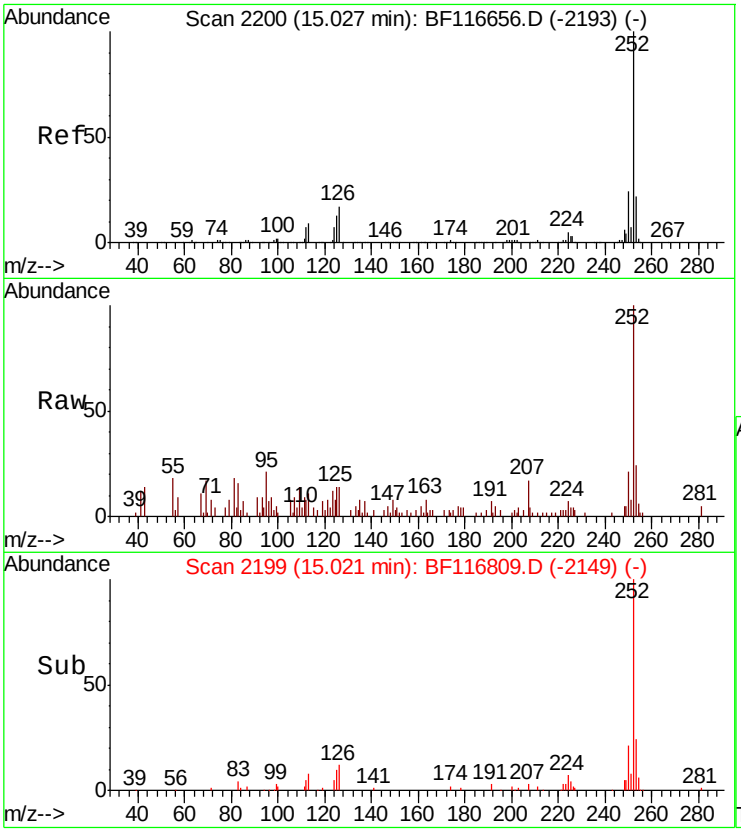


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Tgt Ion:264 Resp: 138782

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.0	16.5	24.7



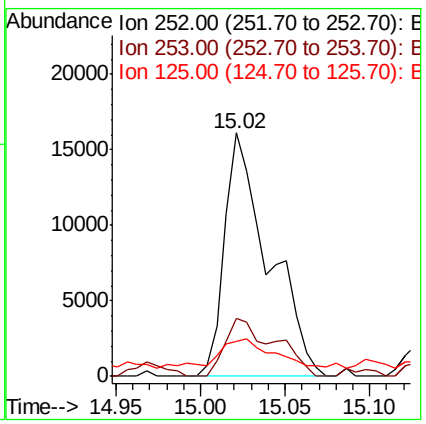


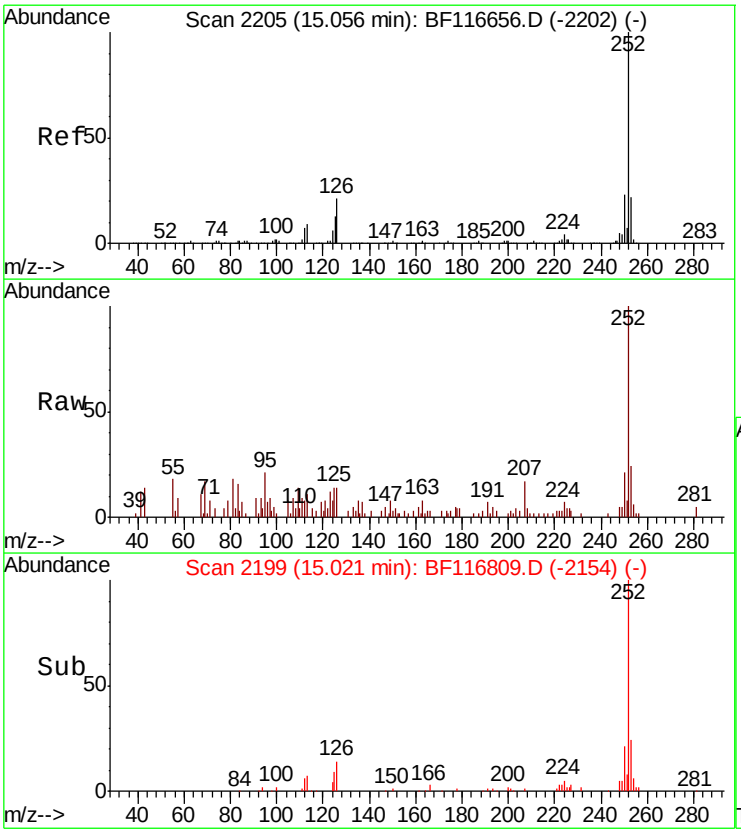
#88
Benzo(b)fluoranthene
Concen: 3.468 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 29101

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.7	26.5
125	14.5	8.2	12.2#





#89
Benzo(k)fluoranthene
Concen: 3.804 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BF116809.D
Acq: 4 Sep 2019 12:24

Tgt Ion:252 Resp: 29101

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.7	26.5
125	14.5	8.6	13.0#