Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115605.D
Acq On : 16 Jul 2019 18:51
Operator : HP/JU
Sample : K3830-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 17 03:53:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	152217	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	562095	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	275755	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	504736	20.00	ng		0.00
76) Chrysene-d12	14.04	240	356468	20.00	ng		-0.01
87) Perylene-d12	15.51	264	429974	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1003475	107.83	ng		0.00
7) Phenol-d6	6.51	99	1230175	104.18	ng		0.00
23) Nitrobenzene-d5	7.44	82	676199	69.95	ng		-0.01
42) 2,4,6-Tribromophenol	10.70	330	276640	85.95	ng		-0.01
45) 2-Fluorobiphenyl	9.24	172	1296566	82.30	ng		-0.01
79) Terphenyl-d14	12.99	244	1223996	63.36	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	88914	11.546	ng	#	78
25) Isophorone	7.44	82	664589	34.357	ng	#	64
50) Dimethylphthalate	9.63	163	208648	10.057	ng		98
57) 2,4-Dinitrotoluene	9.92	165	35251	5.771	ng	#	24
67) 4-Bromophenyl-phenylether	10.70	248	17175	2.978	ng	#	1
71) Phenanthrene	11.42	178	56544	2.186	ng		94
75) Fluoranthene	12.61	202	100010	3.658	ng		98
78) Pyrene	12.84	202	104441	3.458	ng		97
83) Chrysene	14.06	228	58741	2.492	ng		96
88) Benzo(b)fluoranthene	15.07	252	96144	3.473	ng		98
89) Benzo(k)fluoranthene	15.07	252	96103	3.893	ng		99
90) Benzo(a)pyrene	15.44	252	47872	2.012	ng		99

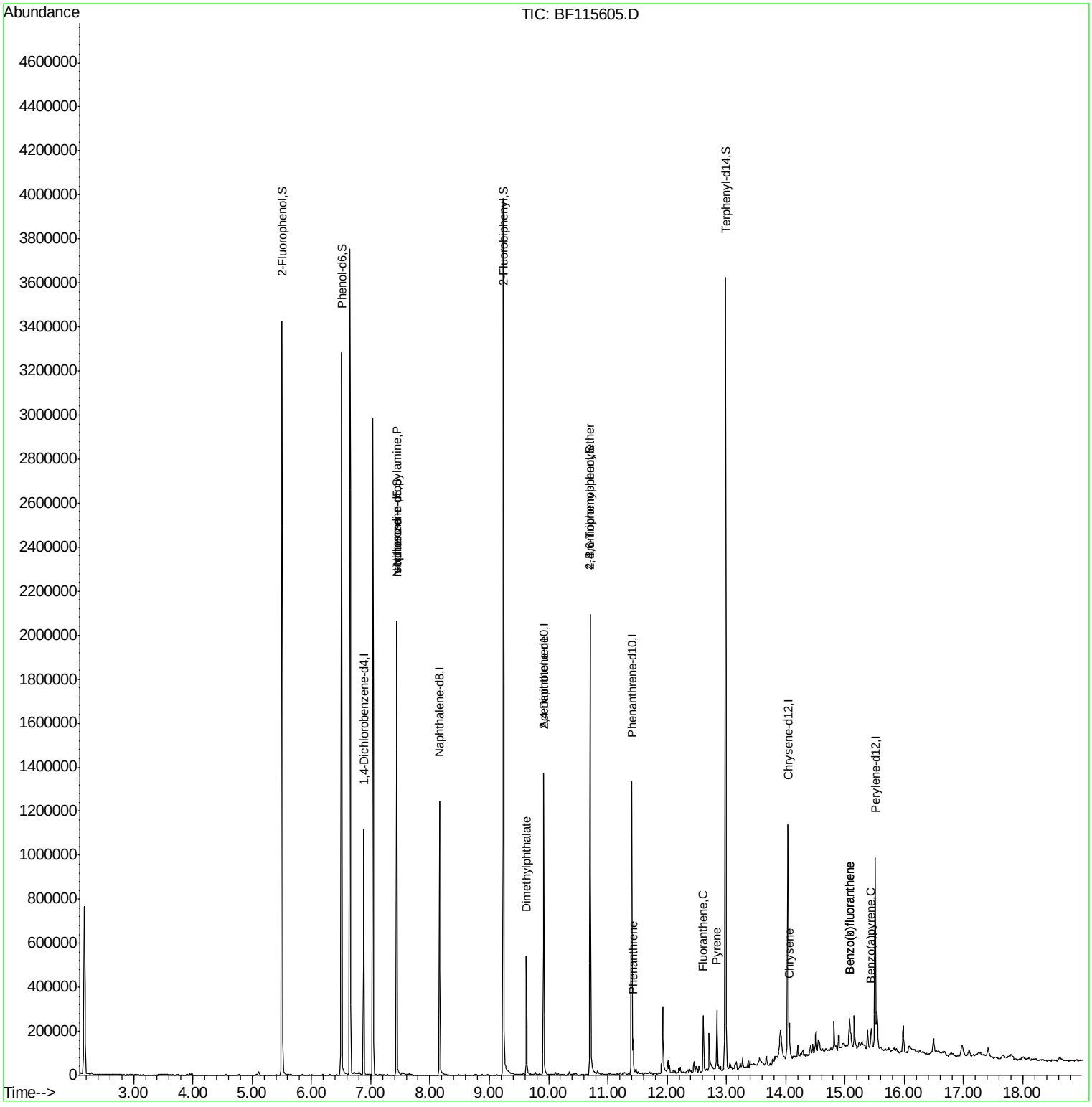
(#) = qualifier out of range (m) = manual integration (+) = signals summed

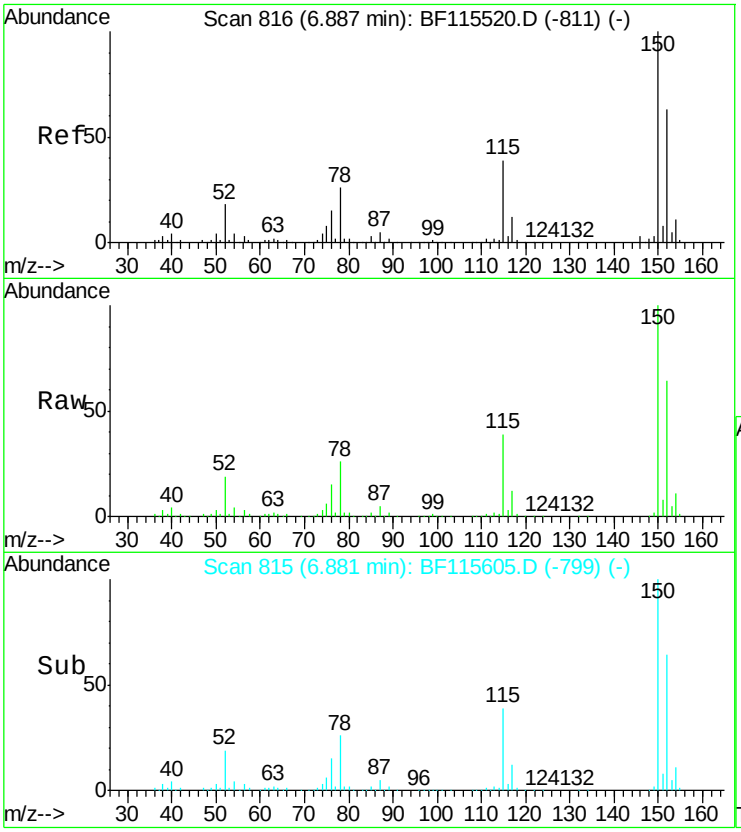
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115605.D
Acq On : 16 Jul 2019 18:51
Operator : HP/JU
Sample : K3830-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 17 03:53:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration



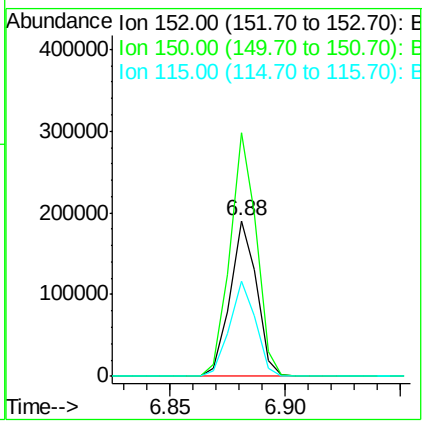


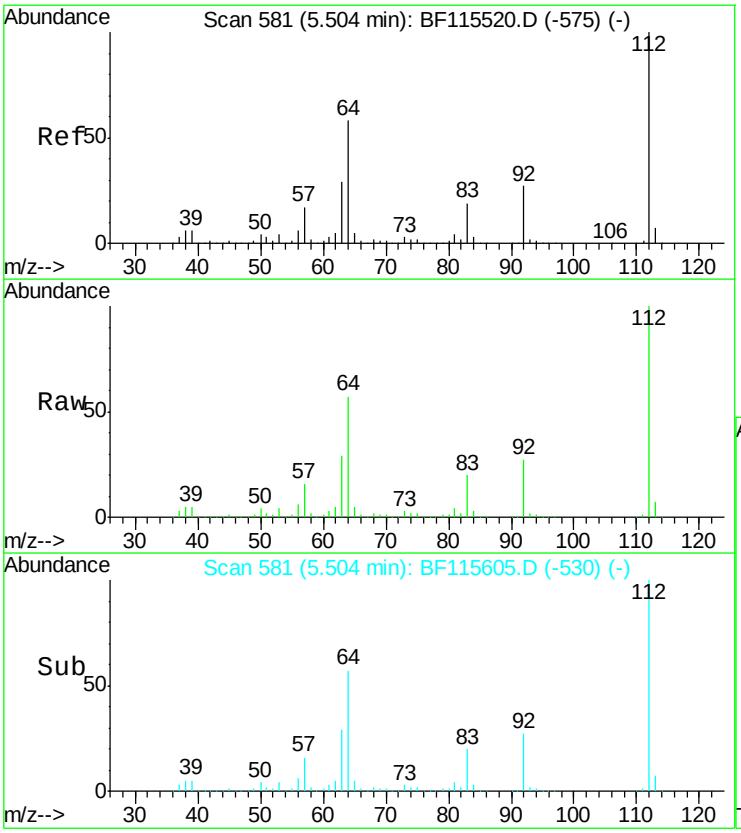
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 152217

Ion	Ratio	Lower	Upper
152	100		
150	156.2	129.7	194.5
115	61.2	48.2	72.4

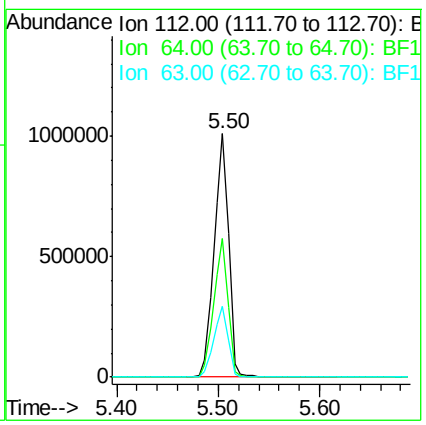


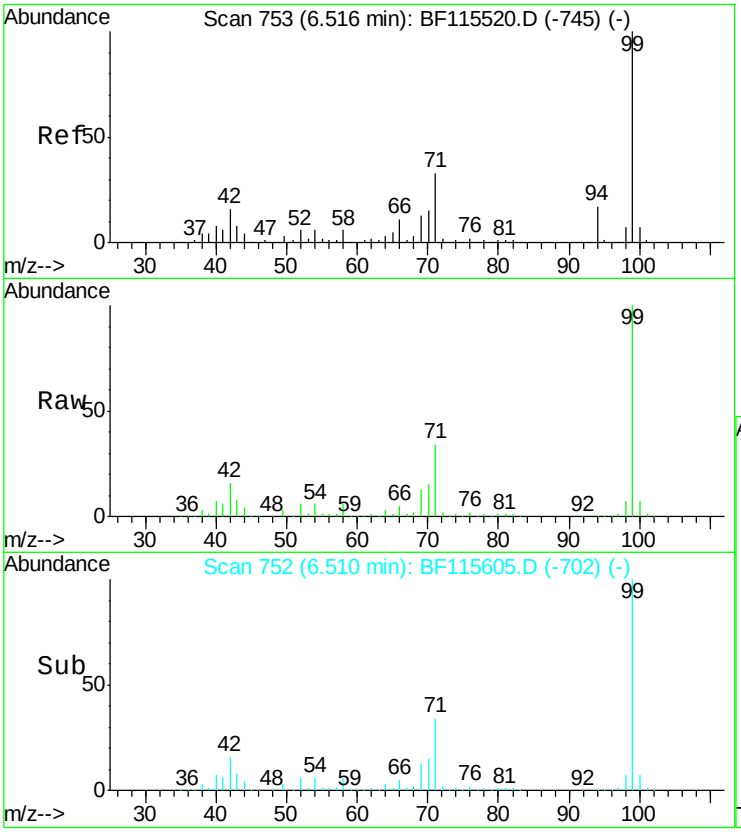


#5
2-Fluorophenol
Concen: 107.833 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Tgt Ion:112 Resp: 1003475

Ion	Ratio	Lower	Upper
112	100		
64	57.1	46.8	70.2
63	29.3	24.1	36.1



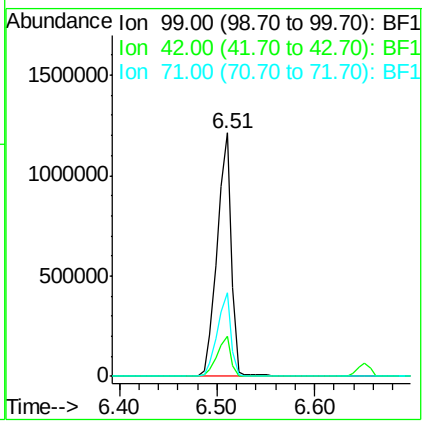


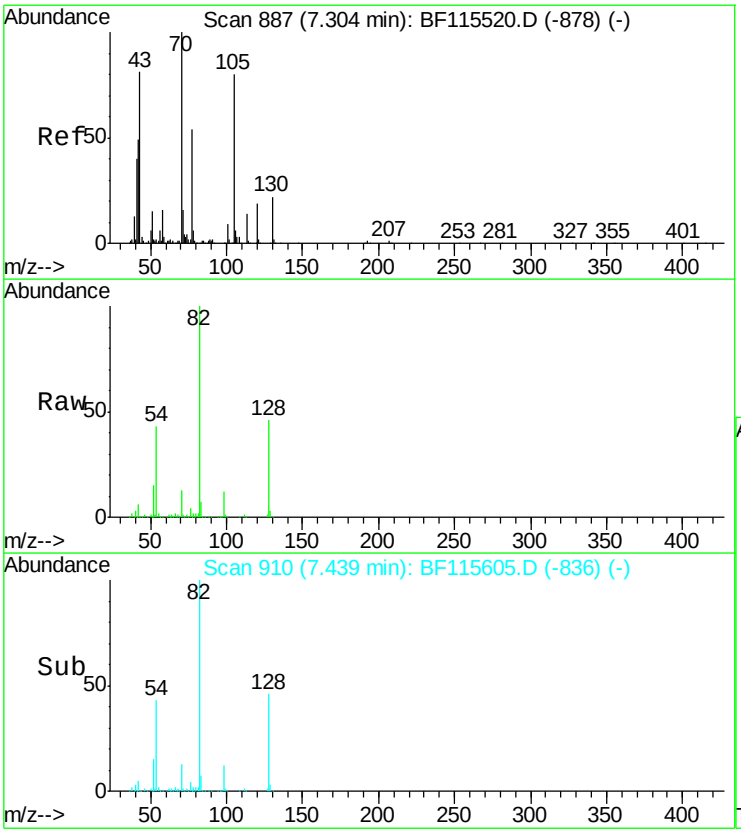
#7
Phenol-d6
Concen: 104.181 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1230175

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.6	20.4
71	34.2	28.5	42.7

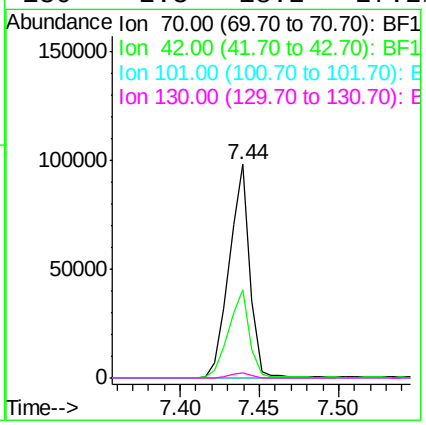


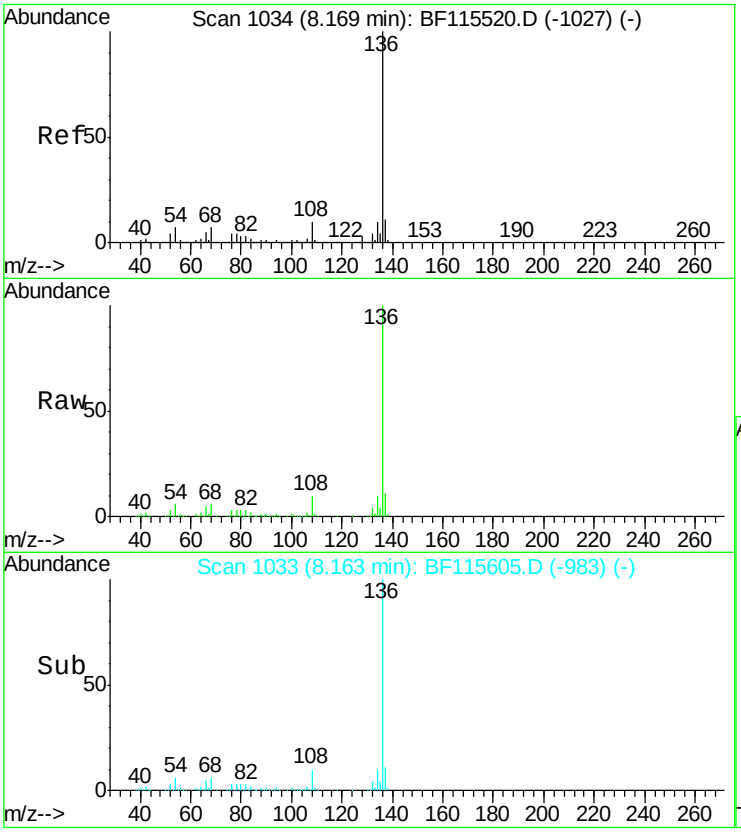


#19
n-Nitroso-di-n-propylamine
Concen: 11.546 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Tgt Ion: 70 Resp: 88914

Ion	Ratio	Lower	Upper
70	100		
42	41.6	39.6	59.4
101	0.0	8.1	12.1#
130	2.3	18.2	27.2#



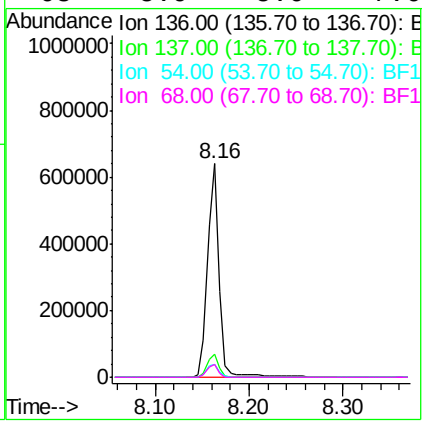


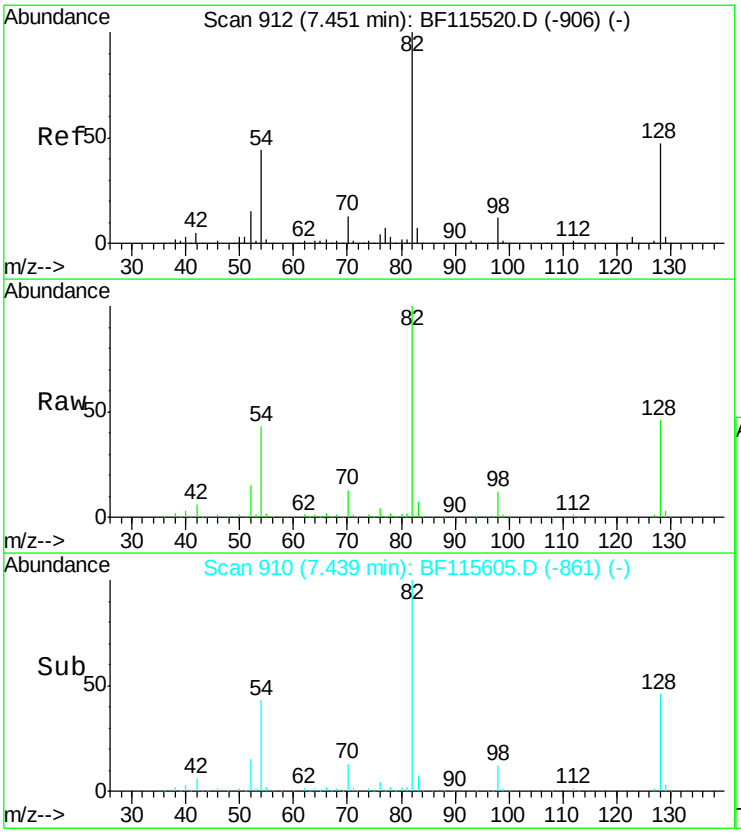
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 562095

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.2	5.6	8.4
68	5.9	5.0	7.6

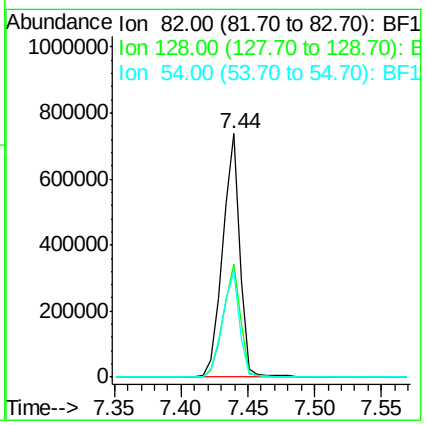


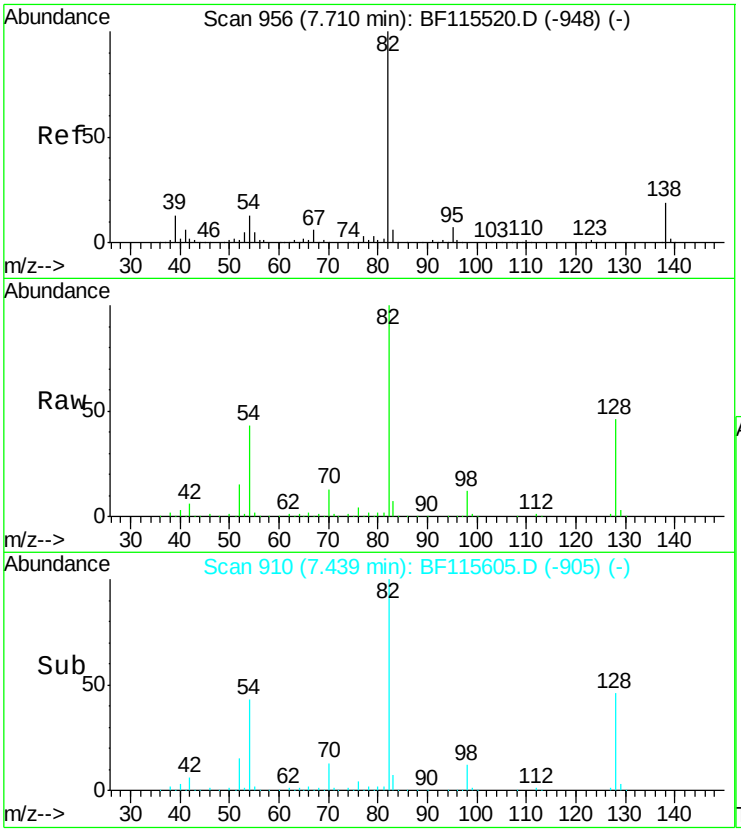


#23
Nitrobenzene-d5
Concen: 69.950 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Tgt Ion: 82 Resp: 676199

Ion	Ratio	Lower	Upper
82	100		
128	46.4	38.6	57.8
54	43.1	35.6	53.4



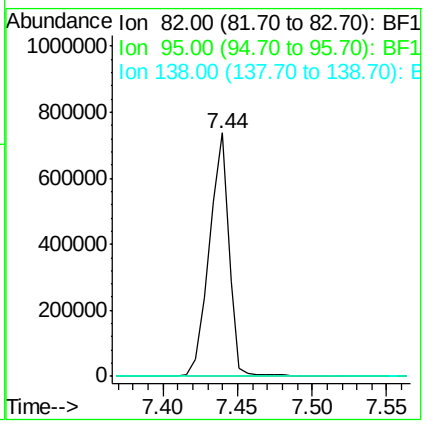


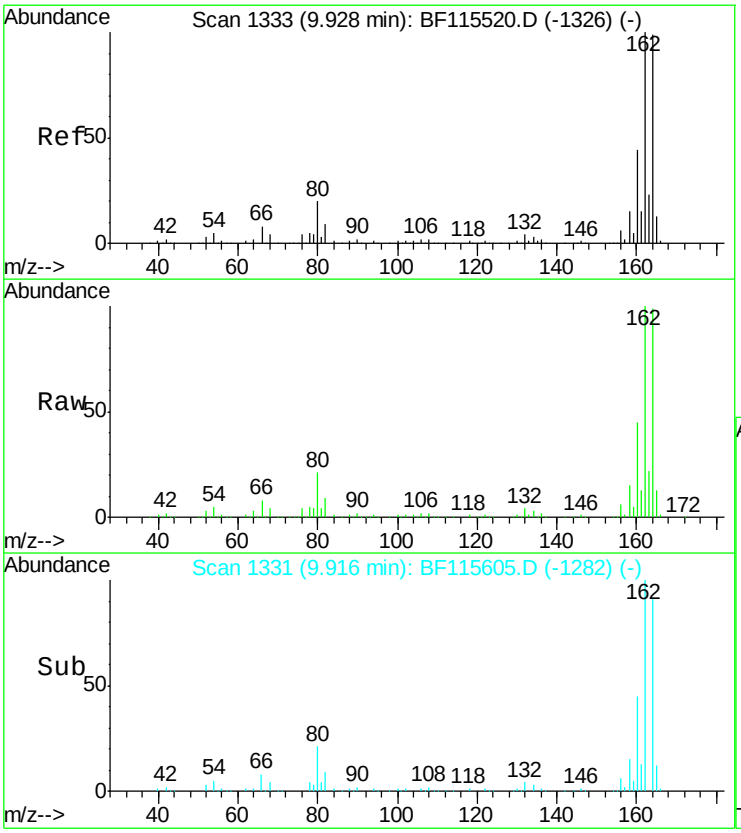
#25
Isophorone
Concen: 34.357 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 664589

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	14.9	22.3#

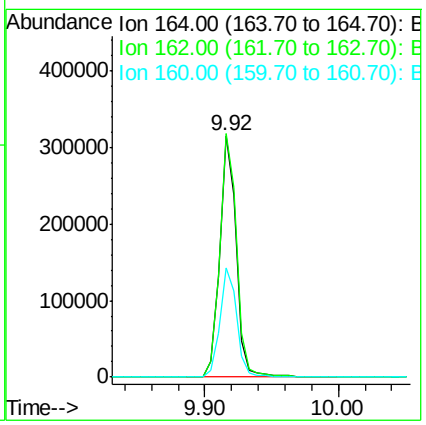


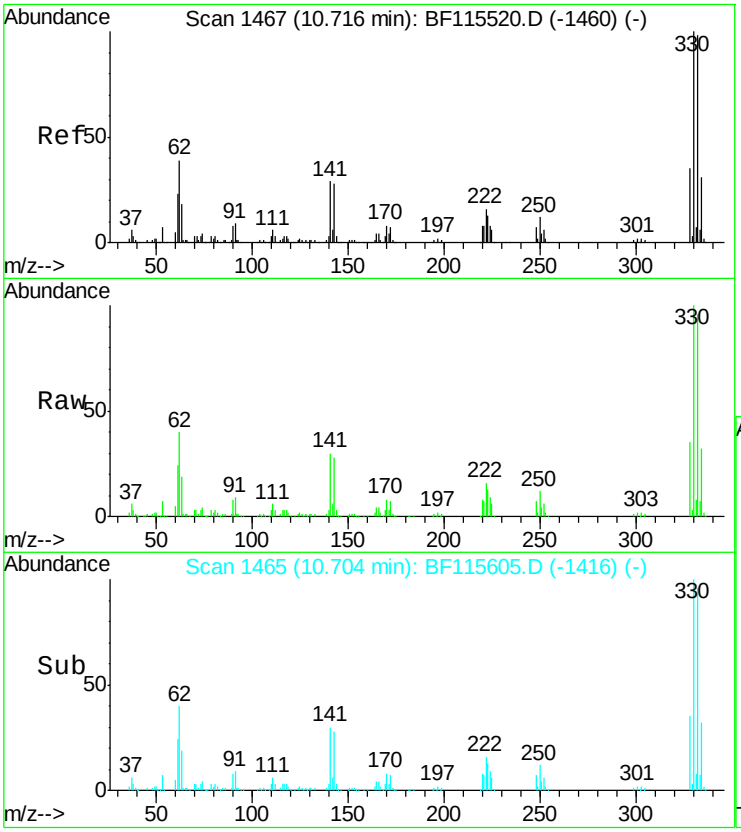


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Tgt Ion:164 Resp: 275755

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.9	124.3
160	45.3	36.8	55.2



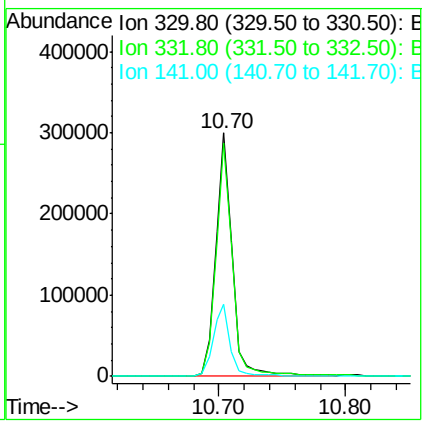


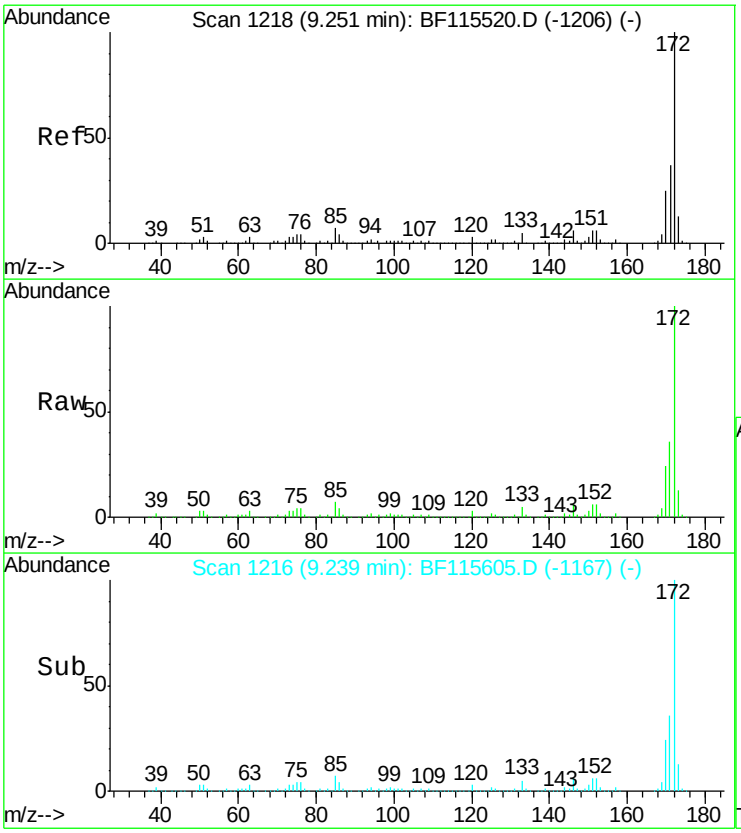
#42
2,4,6-Tribromophenol
Concen: 85.947 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 276640

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	30.9	22.4	33.6

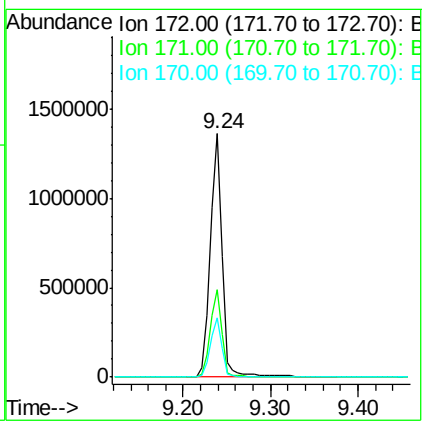


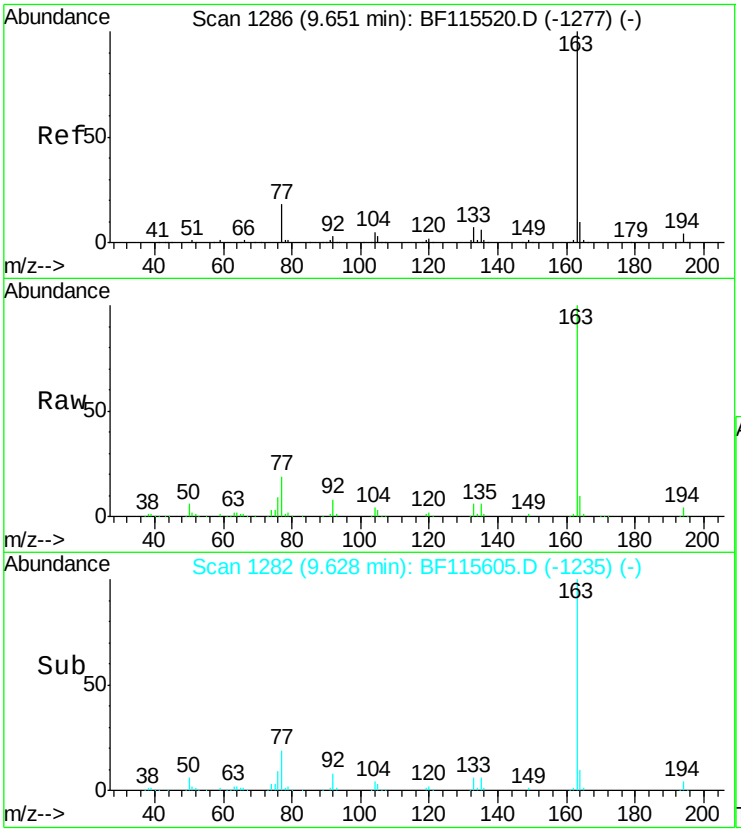


#45
2-Fluorobiphenyl
Concen: 82.296 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Tgt Ion:172 Resp: 1296566

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.6	46.0
170	24.5	20.5	30.7



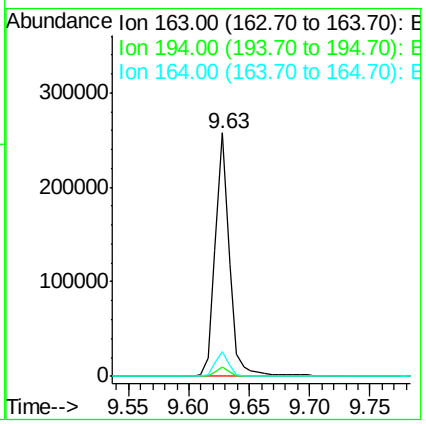


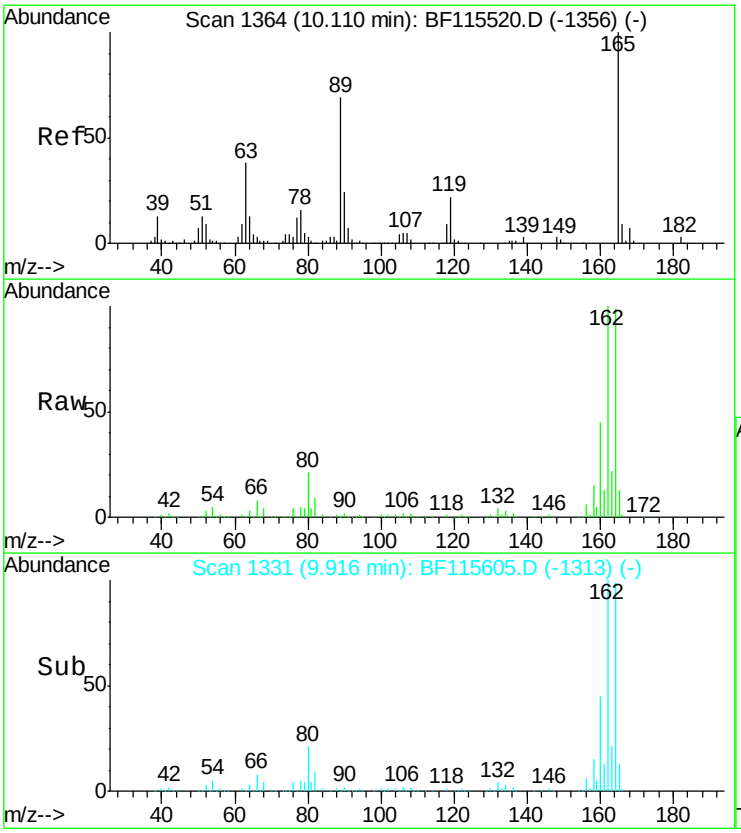
#50
Dimethylphthalate
Concen: 10.057 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 208648

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.0	8.7	13.1

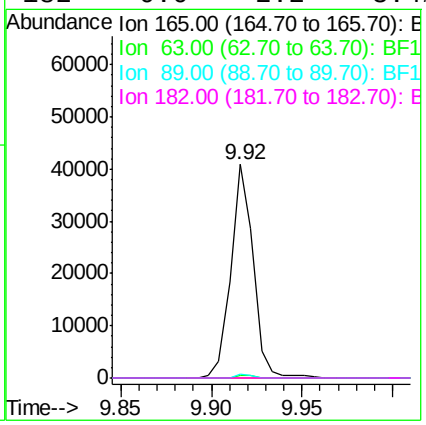


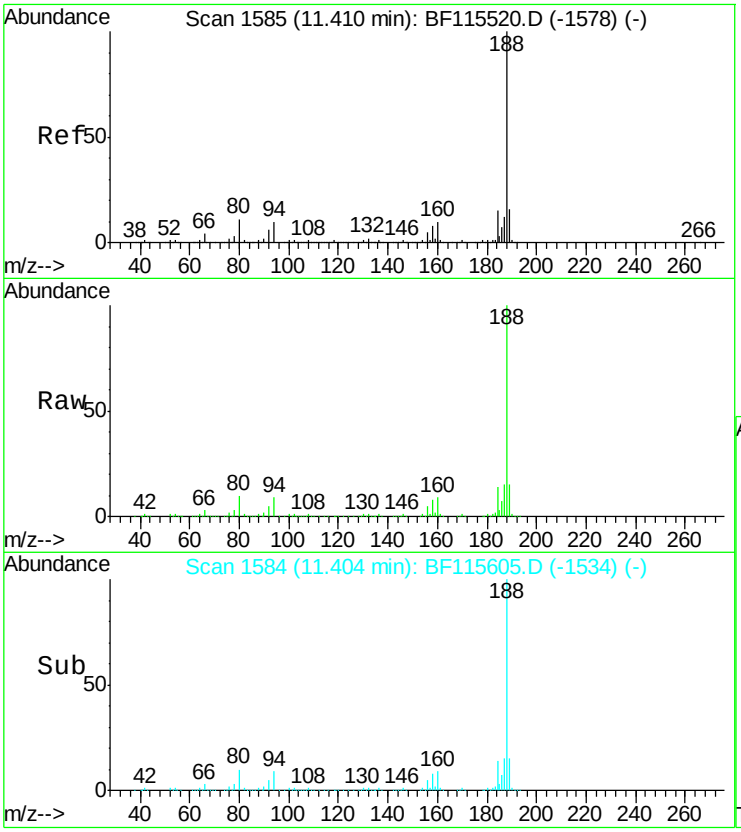


#57
2,4-Dinitrotoluene
Concen: 5.771 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Tgt Ion:165 Resp: 35251

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.9	52.3#
89	1.7	57.5	86.3#
182	0.0	2.2	3.4#



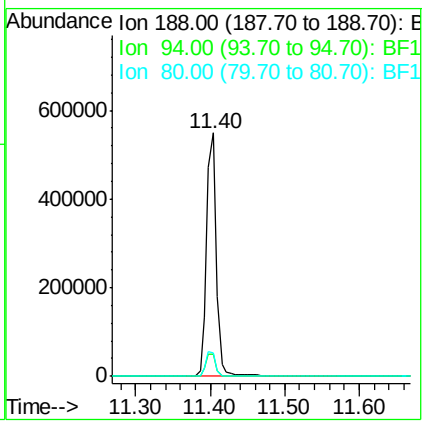


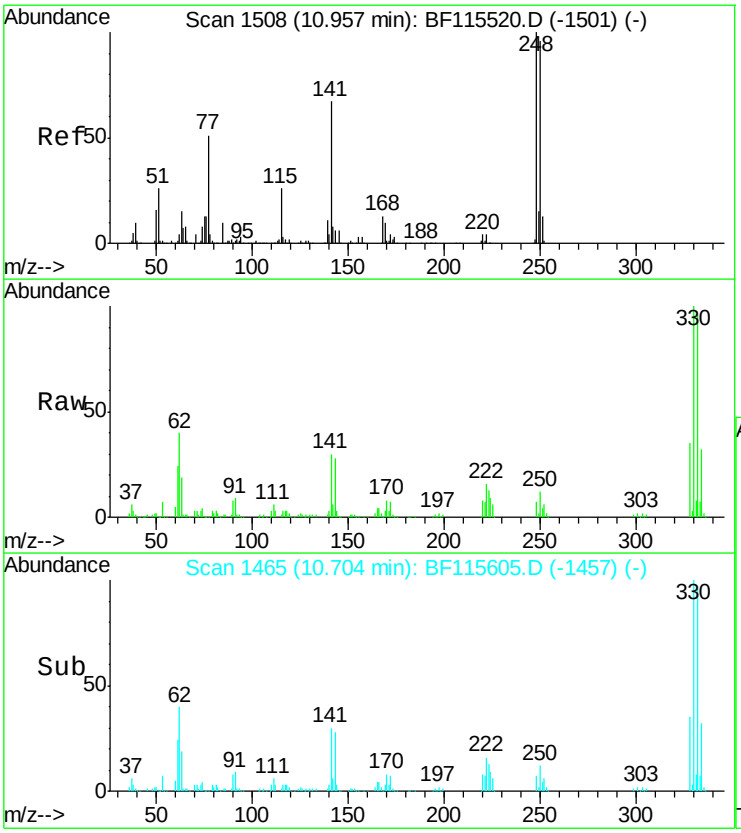
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 504736

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.8	11.6
80	9.8	8.6	13.0

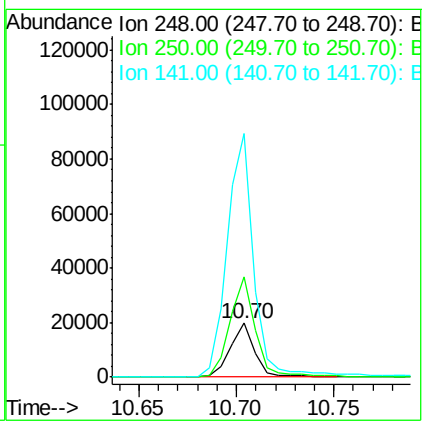


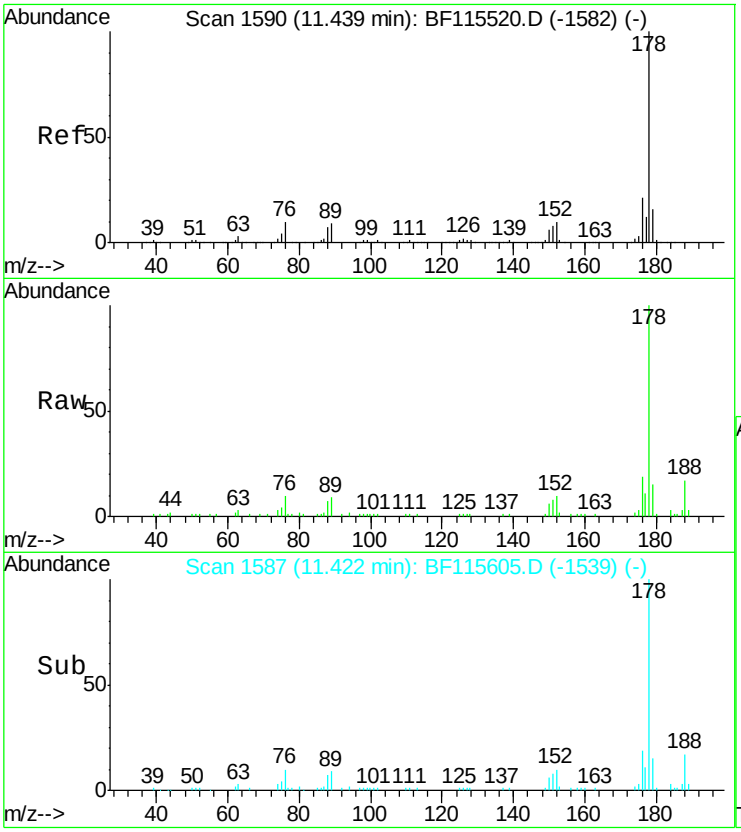


#67
4-Bromophenyl-phenylether
Concen: 2.978 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Tgt Ion:248 Resp: 17175

Ion	Ratio	Lower	Upper
248	100		
250	188.2	78.0	117.0#
141	454.5	57.7	86.5#



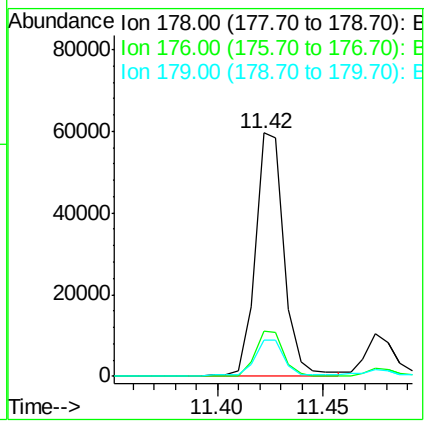


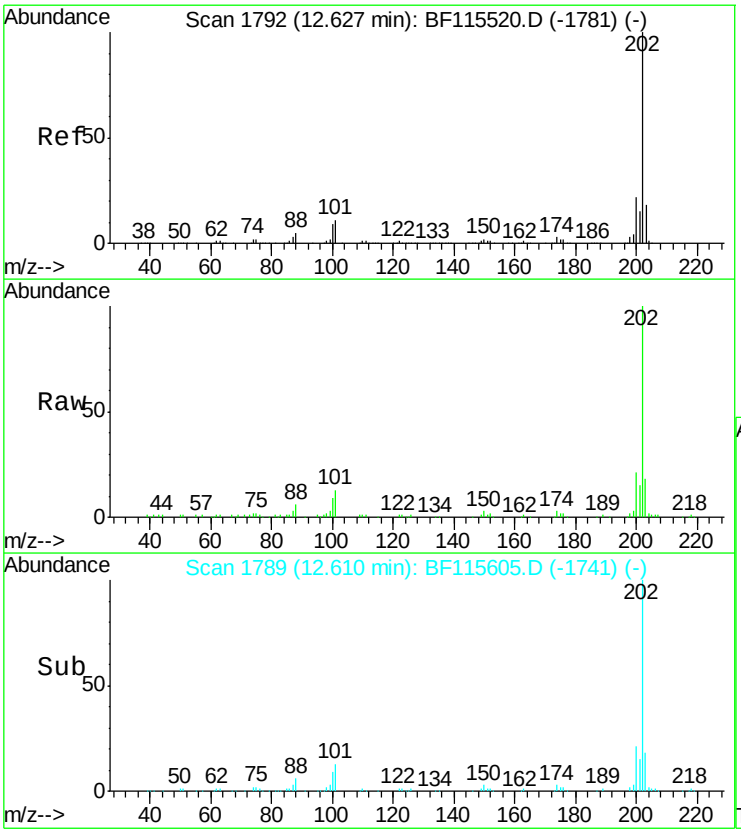
#71
Phenanthrene
Concen: 2.186 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 56544

Ion	Ratio	Lower	Upper
178	100		
176	18.6	17.2	25.8
179	14.7	13.5	20.3

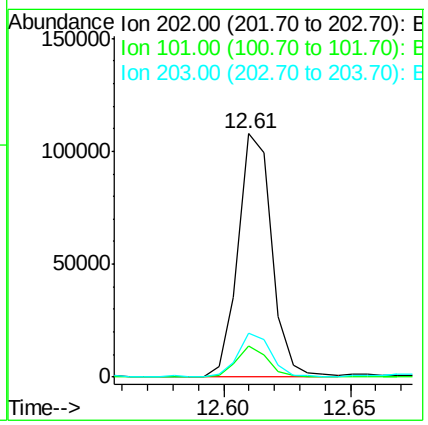


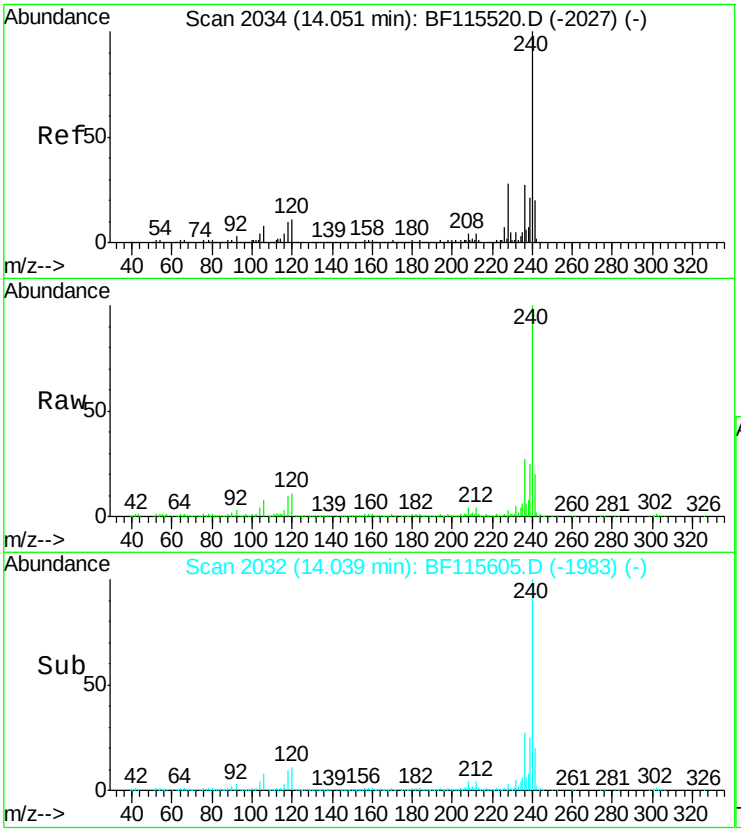


#75
Fluoranthene
Concen: 3.658 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Tgt Ion:202 Resp: 100010

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.4
203	17.8	0.0	38.1



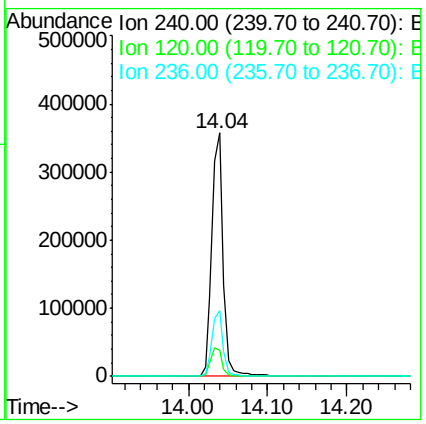


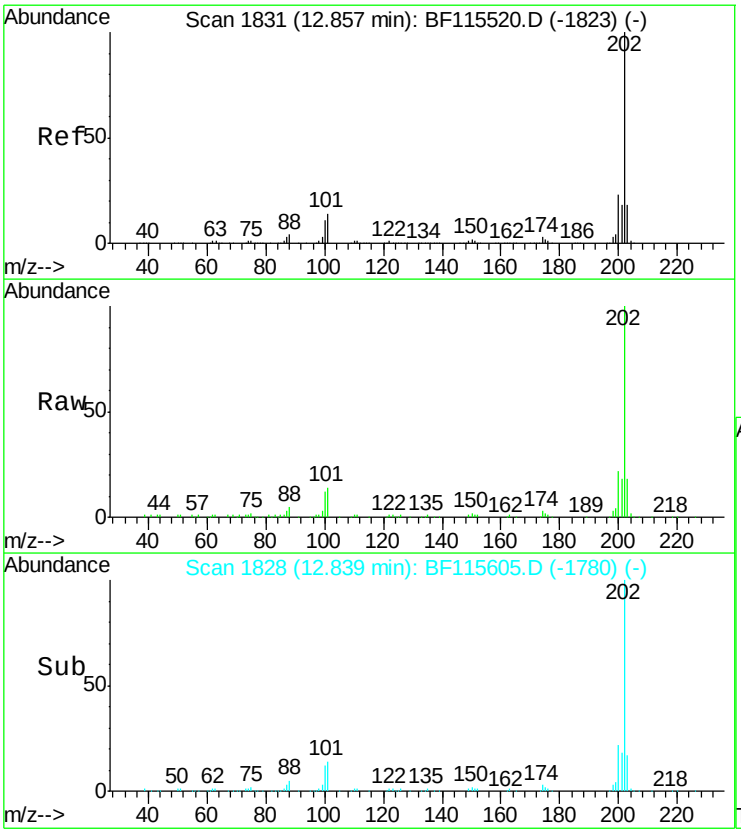
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 356468

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.6	13.0
236	26.7	21.3	31.9

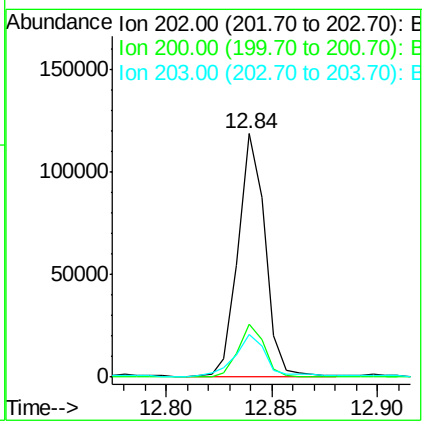


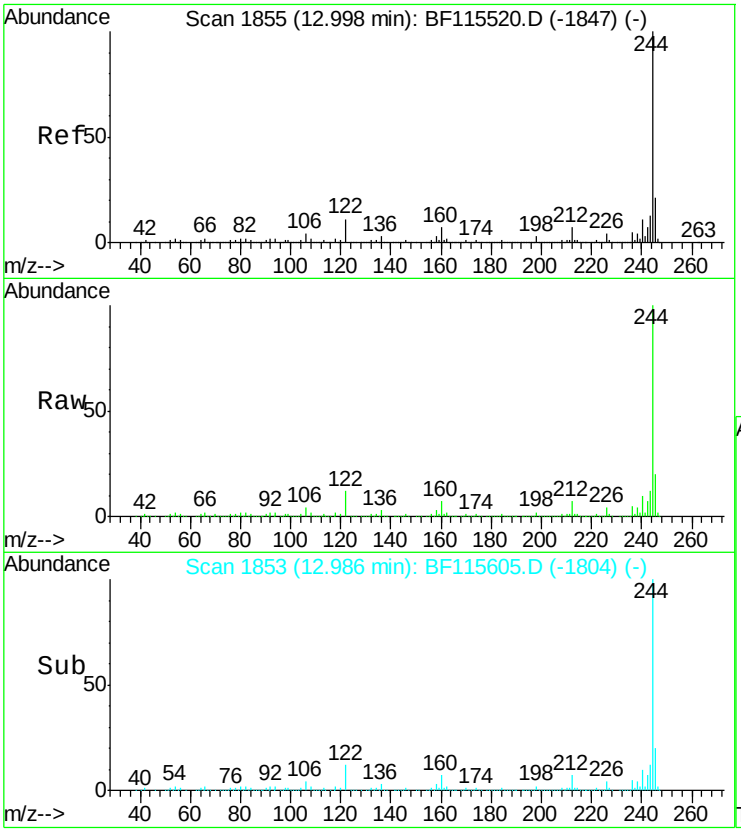


#78
Pyrene
Concen: 3.458 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Tgt Ion:202 Resp: 104441

Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.7	28.1
203	17.6	15.2	22.8



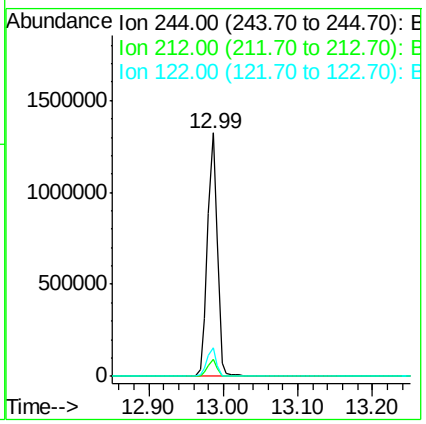


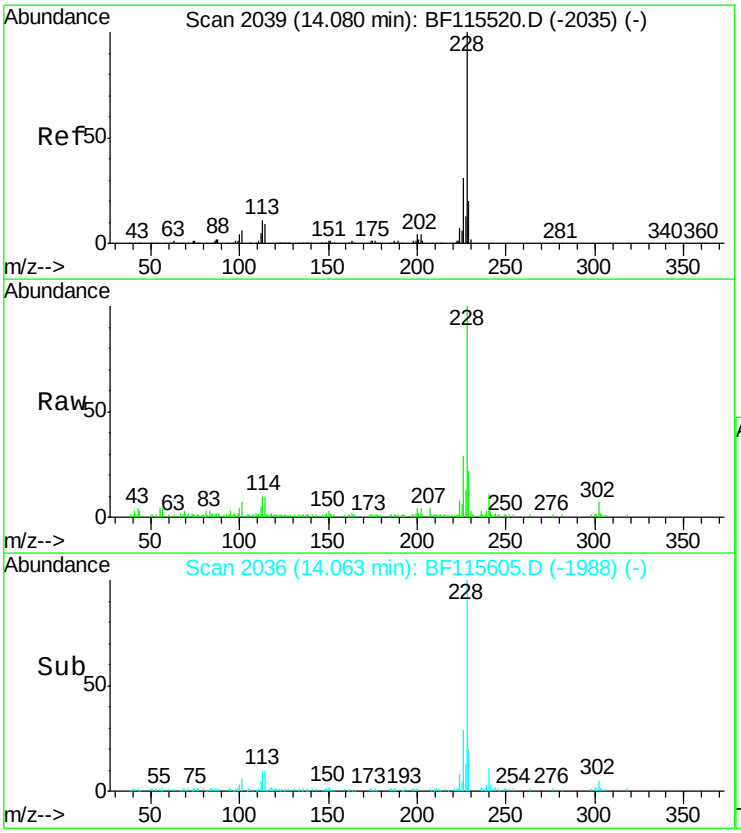
#79
Terphenyl-d14
Concen: 63.357 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1223996

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	11.5	8.6	12.8

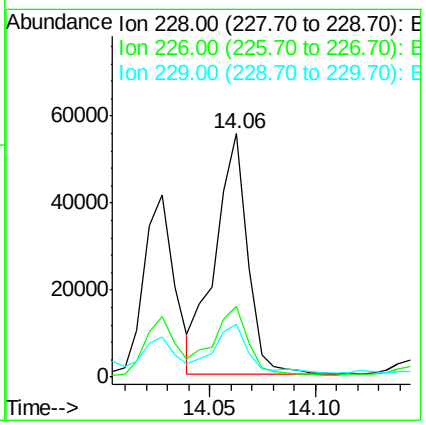


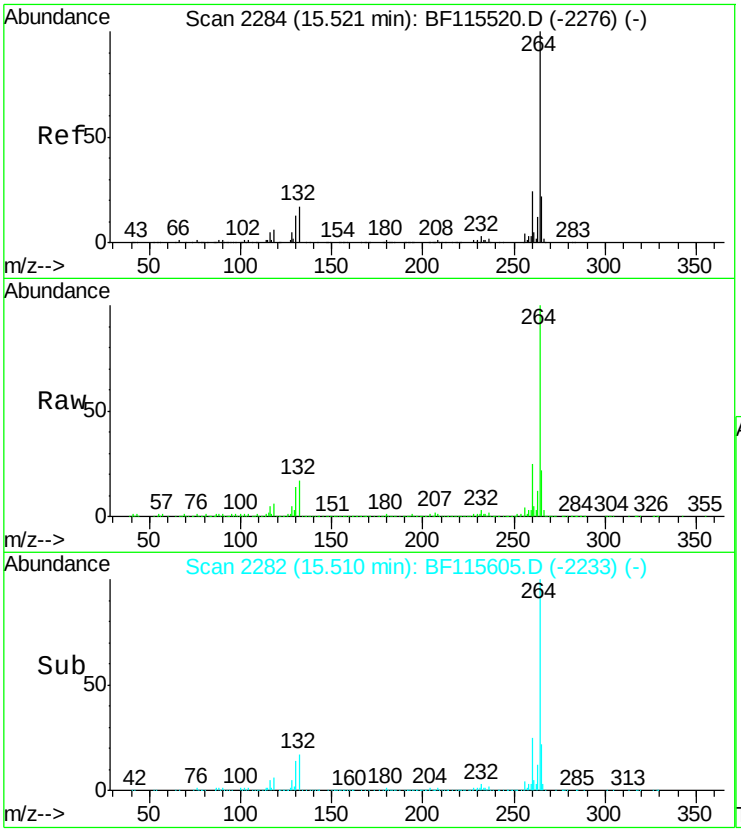


#83
Chrysene
Concen: 2.492 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Tgt Ion:228 Resp: 58741

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.7	38.5
229	21.9	16.6	25.0



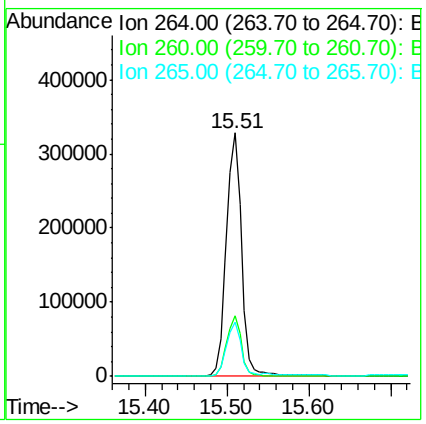


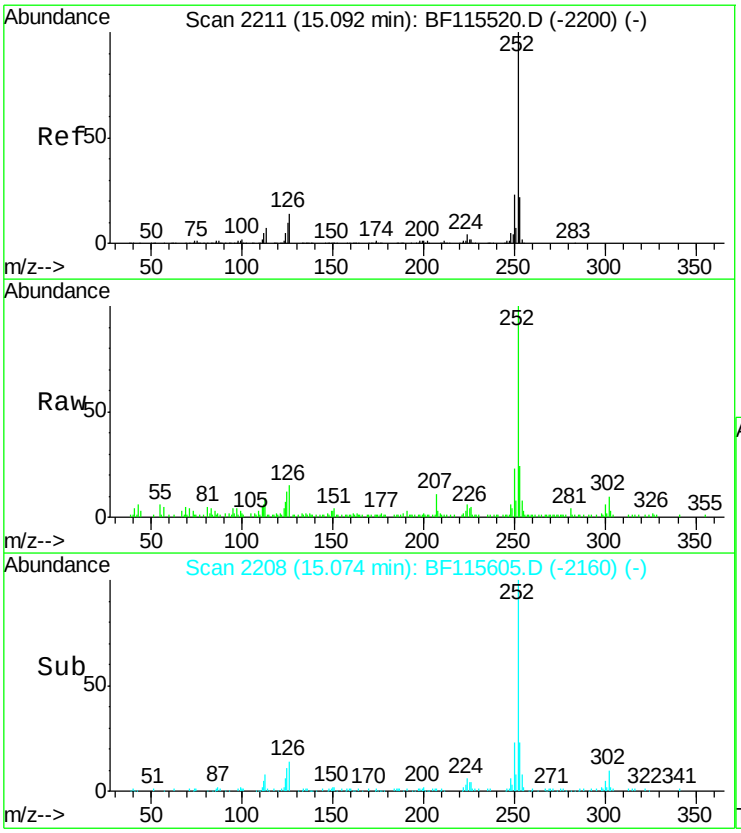
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 429974

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.8
265	22.3	17.7	26.5

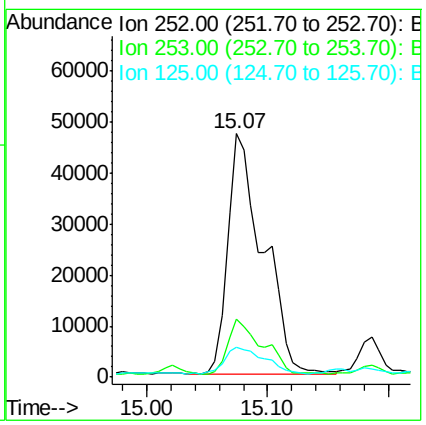


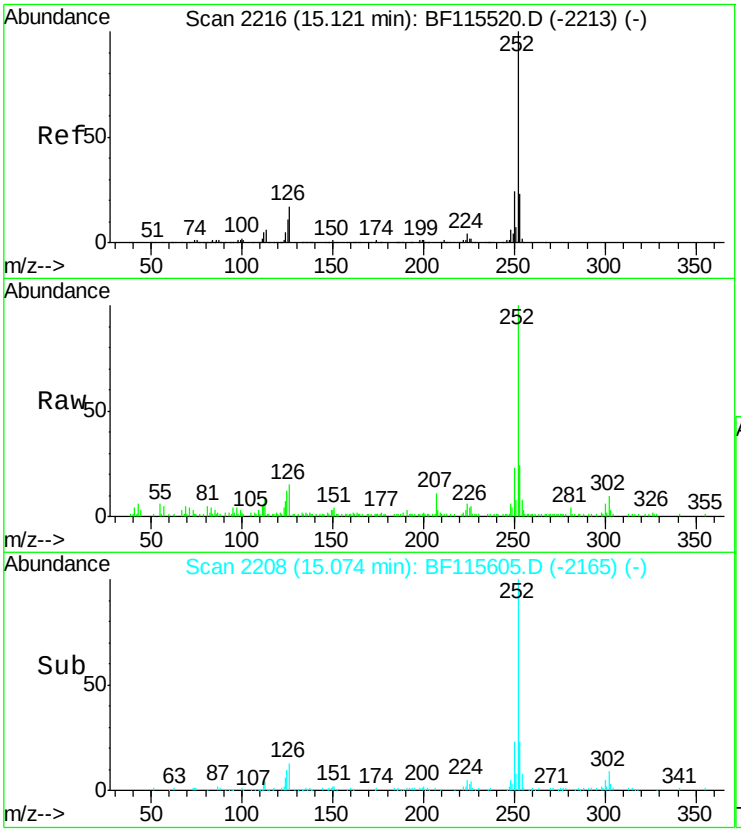


#88
Benzo(b)fluoranthene
Concen: 3.473 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Tgt Ion:252 Resp: 96144

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	12.1	9.0	13.4



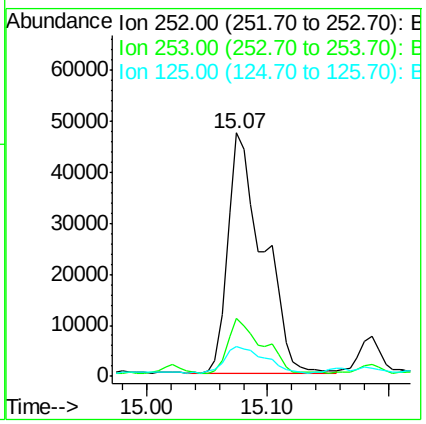


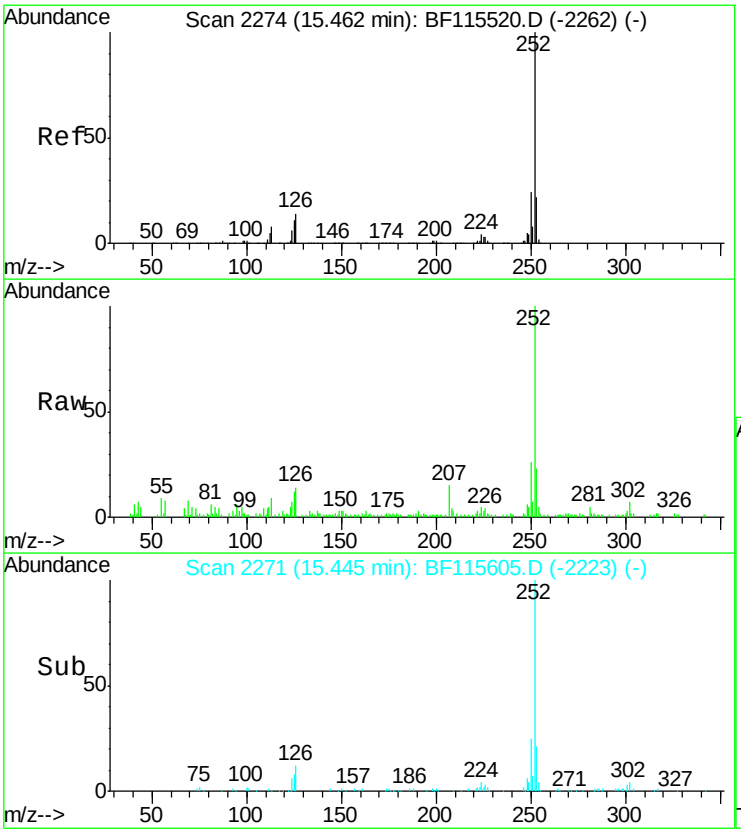
#89
Benzo(k)fluoranthene
Concen: 3.893 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.05 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 96103

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.6	28.0
125	12.1	9.0	13.6





#90
Benzo(a)pyrene
Concen: 2.012 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115605.D
Acq: 16 Jul 2019 18:51

Tgt Ion:252 Resp: 47872

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	12.1	9.1	13.7