Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111534.D
Acq On : 17 Dec 2018 12:48
Operator : JU/SJ
Sample : J6386-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS005-0006-01

Quant Time: Dec 18 04:07:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	152169	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	593078	20.00	ng		-0.01
39) Acenaphthene-d10	9.82	164	231515	20.00	ng		-0.01
64) Phenanthrene-d10	11.31	188	339019	20.00	ng		0.00
76) Chrysene-d12	13.94	240	331255	20.00	ng		0.00
87) Perylene-d12	15.39	264	338675	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	683894	74.79	ng		0.00
7) Phenol-d6	6.43	99	859464	70.66	ng		0.00
23) Nitrobenzene-d5	7.35	82	523524	52.57	ng		-0.01
42) 2,4,6-Tribromophenol	10.61	330	113001	54.49	ng		-0.01
45) 2-Fluorobiphenyl	9.15	172	817169	54.52	ng		-0.01
79) Terphenyl-d14	12.89	244	538687	38.19	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	51315	3.787	ng		97
19) n-Nitroso-di-n-propylamine	7.35	70	67414	8.401	ng	#	78
25) Isophorone	7.35	82	523517	31.066	ng	#	64
50) Dimethylphthalate	9.54	163	86539	5.190	ng		96
51) 2,6-Dinitrotoluene	9.82	165	28674	7.640	ng	#	29
57) 2,4-Dinitrotoluene	9.82	165	28674	5.821	ng	#	24
67) 4-Bromophenyl-phenylether	10.61	248	7787	2.131	ng	#	1
80) Butylbenzylphthalate	13.37	149	99570	8.747	ng		89
86) Indeno(1,2,3-cd)pyrene	16.79	276	35350	2.581	ng		96
88) Benzo(b)fluoranthene	14.97	252	90212	4.569	ng		98
89) Benzo(k)fluoranthene	14.97	252	90212	4.782	ng		98
90) Benzo(a)pyrene	15.32	252	40828	2.293	ng		99
92) Benzo(g,h,i)perylene	17.22	276	33843	2.455	ng		95

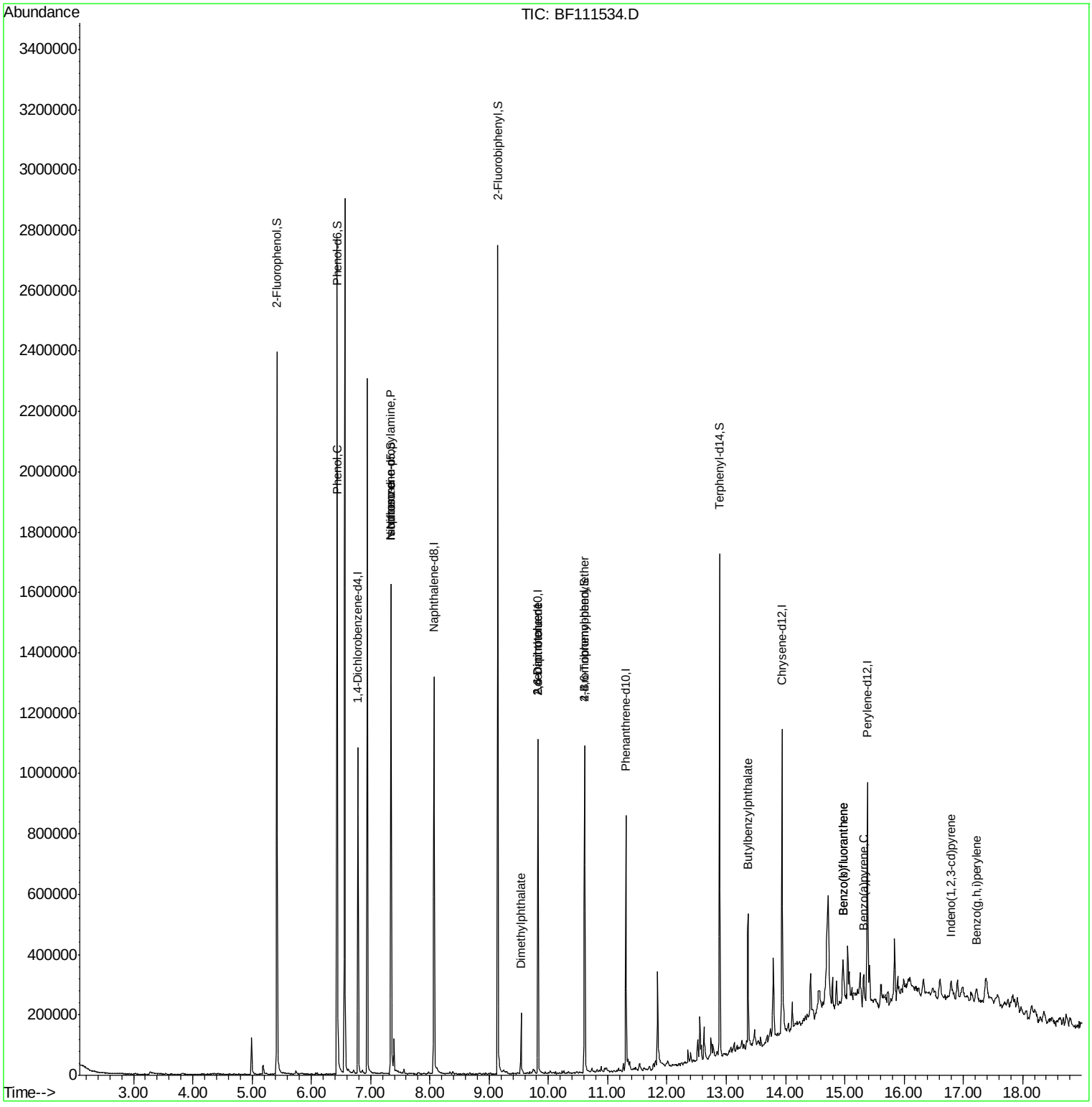
(#) = qualifier out of range (m) = manual integration (+) = signals summed

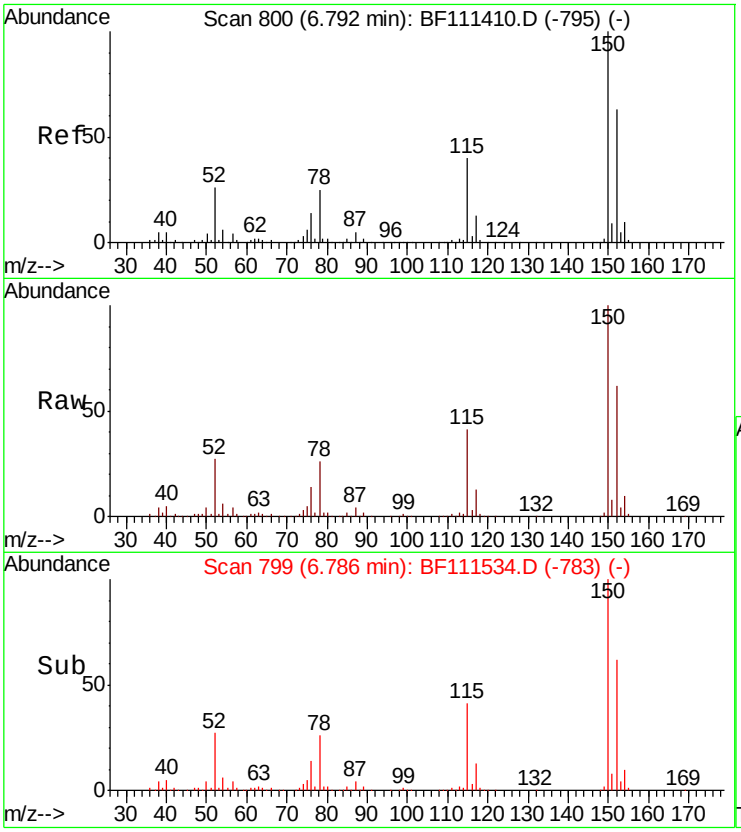
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111534.D
Acq On : 17 Dec 2018 12:48
Operator : JU/SJ
Sample : J6386-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0006-01

Quant Time: Dec 18 04:07:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration



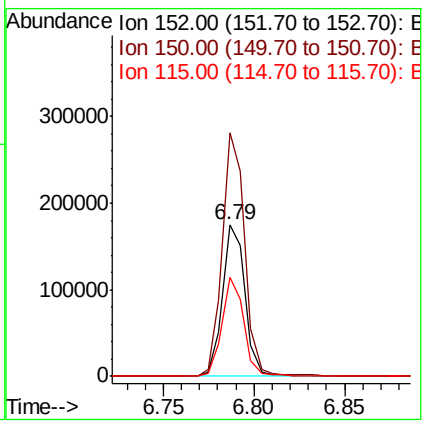


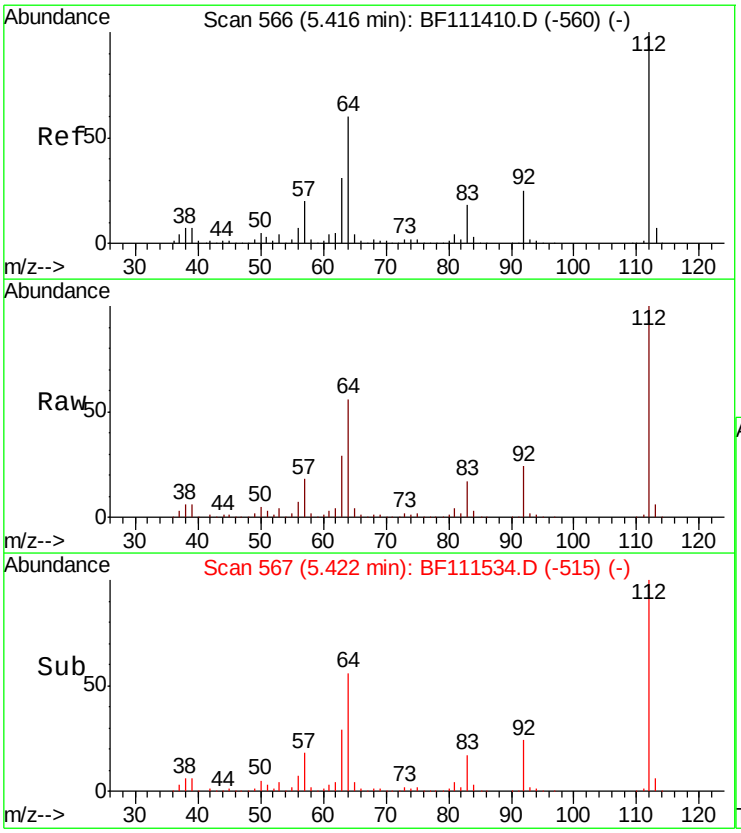
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0006-01

Tgt Ion:152 Resp: 152169

Ion	Ratio	Lower	Upper
152	100		
150	160.8	126.6	189.8
115	65.2	50.7	76.1

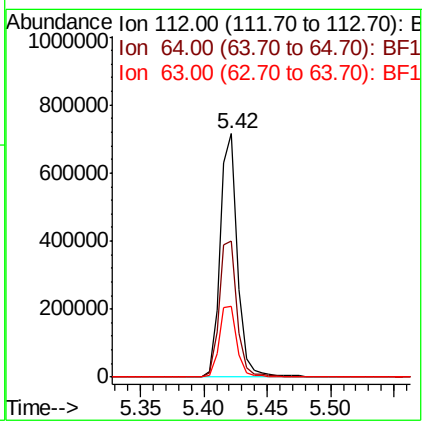


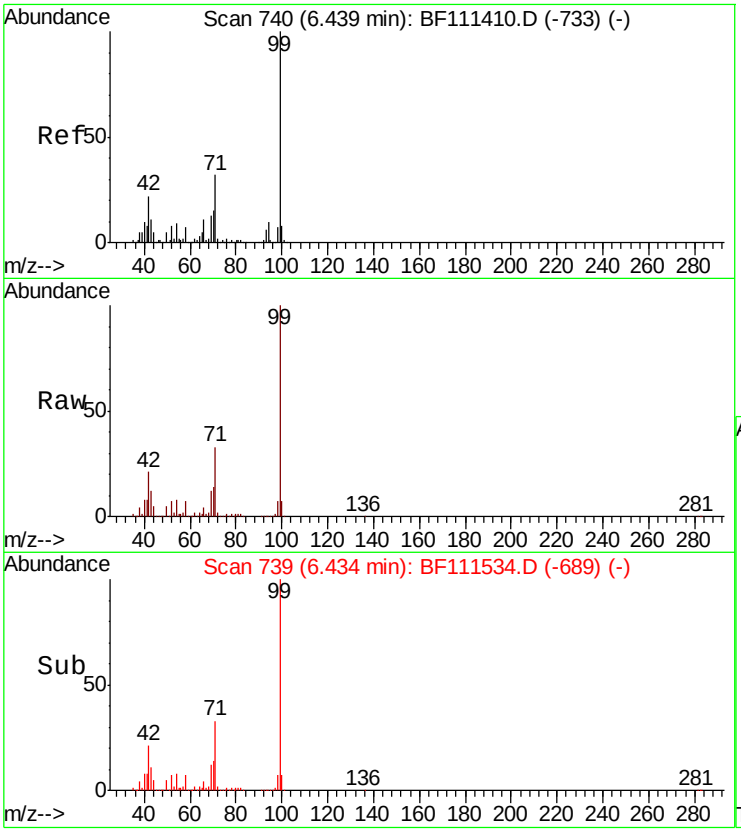


#5
2-Fluorophenol
Concen: 74.788 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Tgt Ion:112 Resp: 683894

Ion	Ratio	Lower	Upper
112	100		
64	56.1	51.8	77.6
63	29.1	26.8	40.2



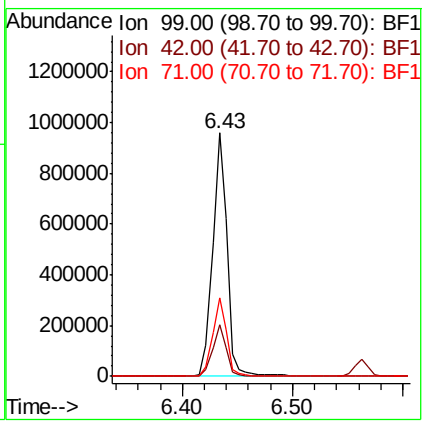


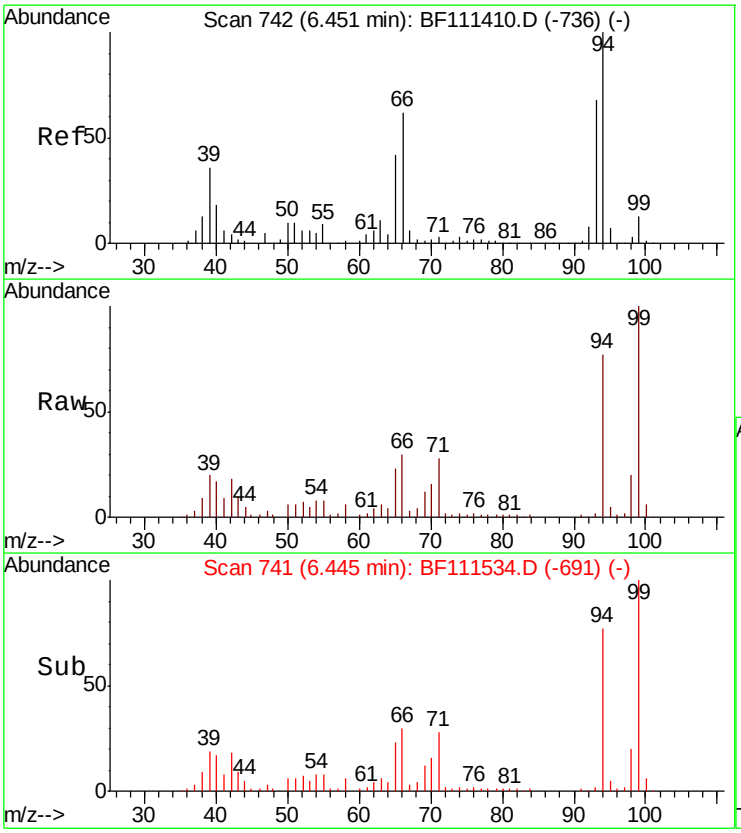
#7
Phenol-d6
Concen: 70.658 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0006-01

Tgt Ion: 99 Resp: 859464

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.4	26.0
71	32.5	26.1	39.1

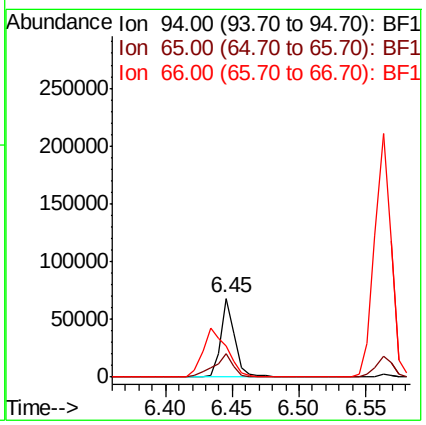


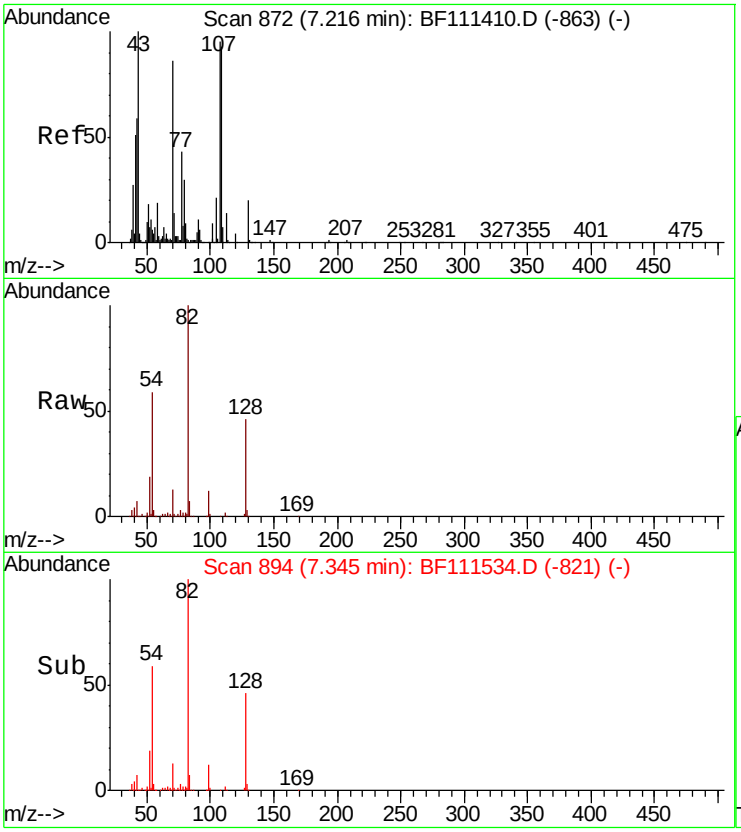


#10
Phenol
Concen: 3.787 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Tgt Ion: 94 Resp: 51315

Ion	Ratio	Lower	Upper
94	100		
65	30.2	11.7	51.7
66	39.5	21.0	61.0



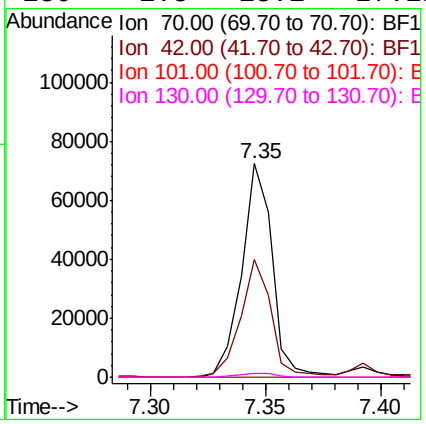


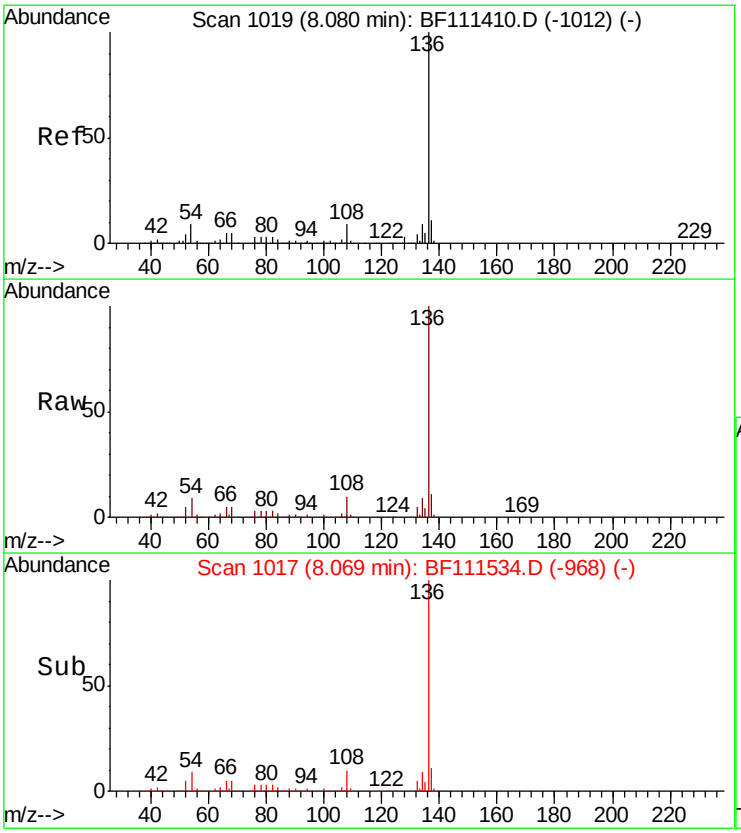
#19
n-Nitroso-di-n-propylamine
Concen: 8.401 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.13 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0006-01

Tgt Ion: 70 Resp: 67414

Ion	Ratio	Lower	Upper
70	100		
42	55.2	53.2	79.8
101	0.0	8.2	12.4#
130	1.8	18.1	27.1#

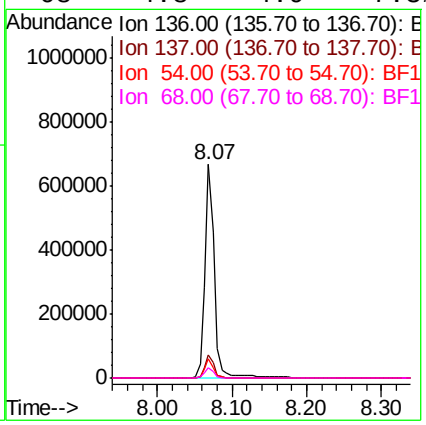


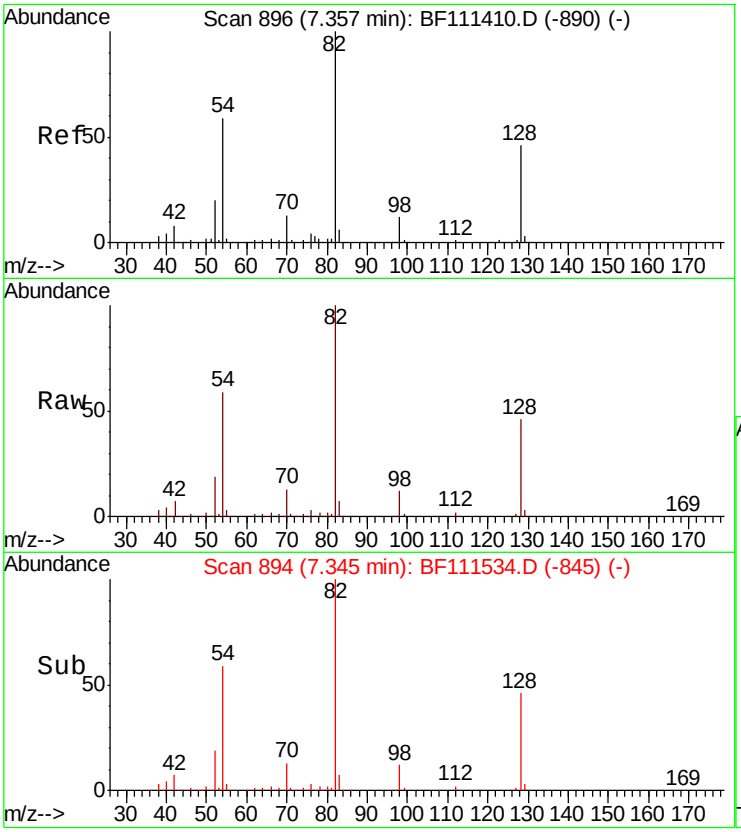


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Tgt Ion:136 Resp: 593078

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.1	7.7	11.5
68	4.8	4.9	7.3#



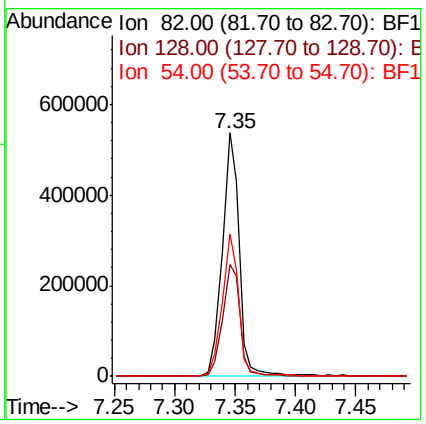


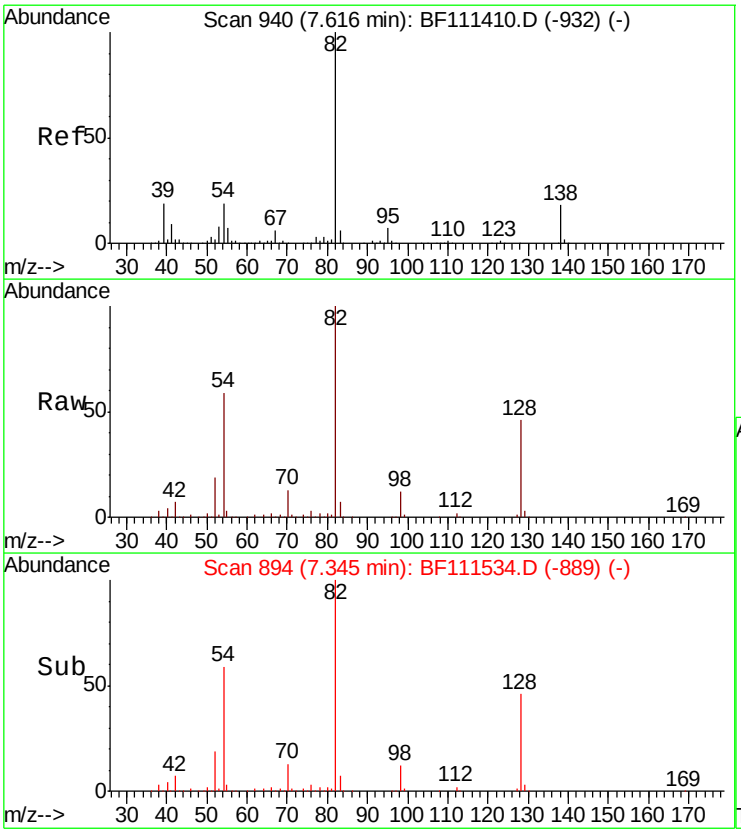
#23
Nitrobenzene-d5
Concen: 52.565 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0006-01

Tgt Ion: 82 Resp: 523524

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.4	56.2
54	58.8	47.6	71.4

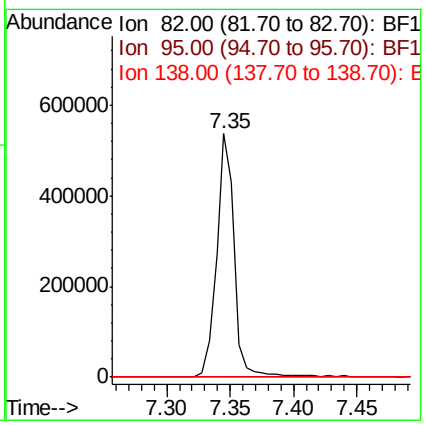


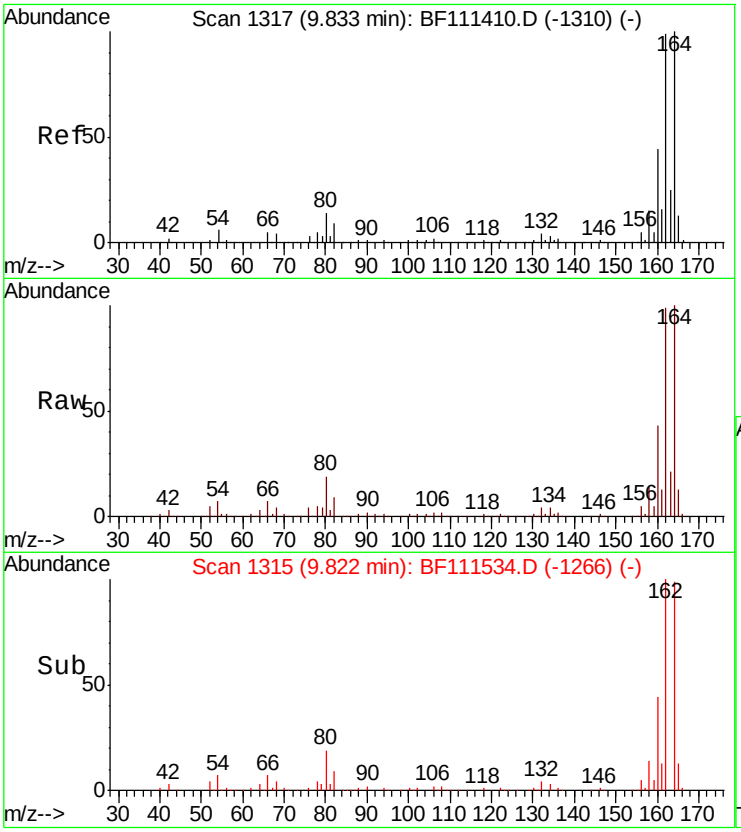


#25
Isophorone
Concen: 31.066 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.27 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Tgt Ion: 82 Resp: 523517

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



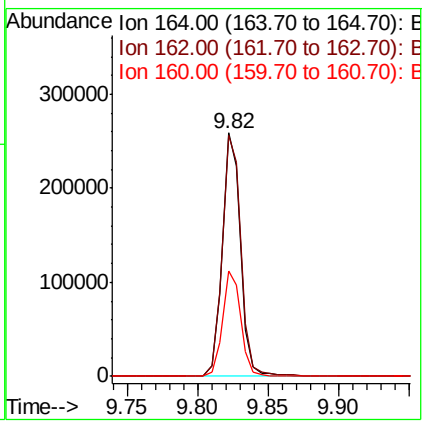


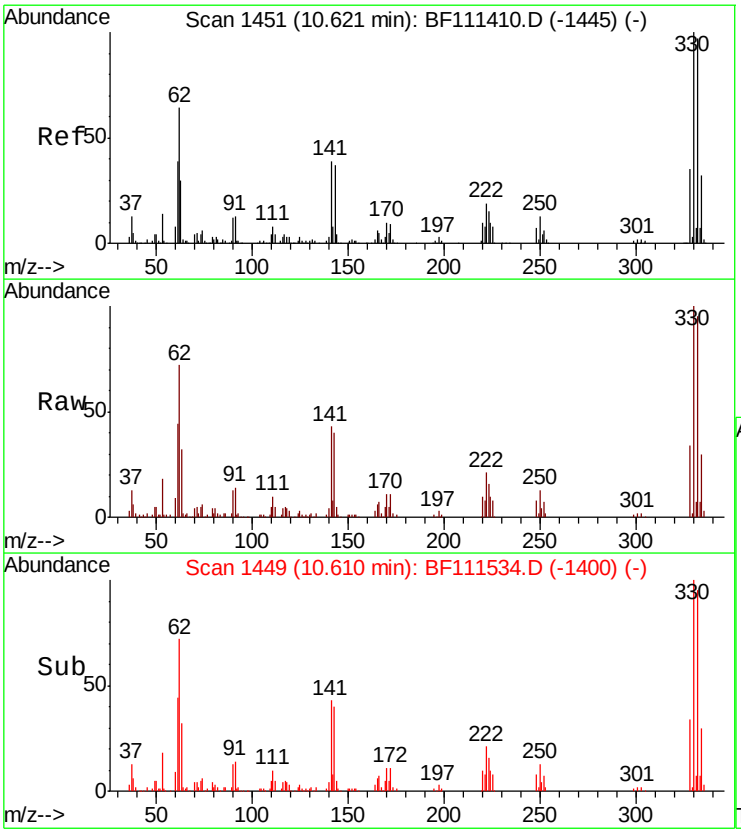
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0006-01

Tgt Ion:164 Resp: 231515

Ion	Ratio	Lower	Upper
164	100		
162	98.8	81.4	122.0
160	43.2	35.7	53.5

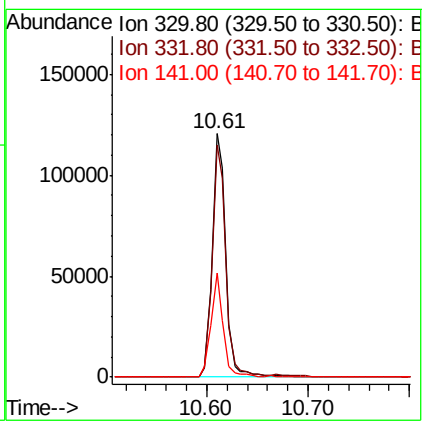


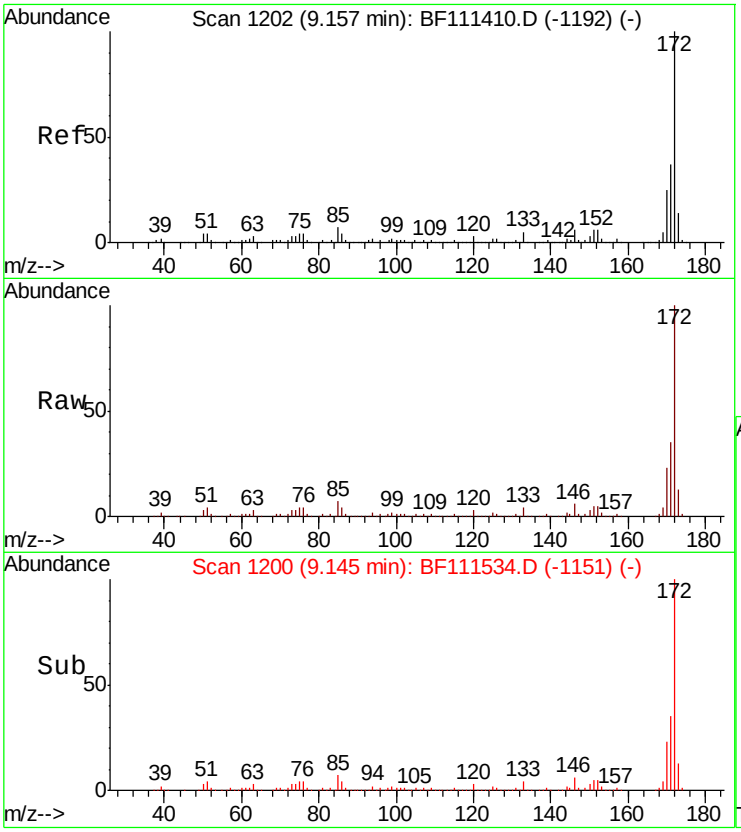


#42
2,4,6-Tribromophenol
Concen: 54.488 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Tgt Ion:330 Resp: 113001

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.0	114.0
141	38.6	31.0	46.6



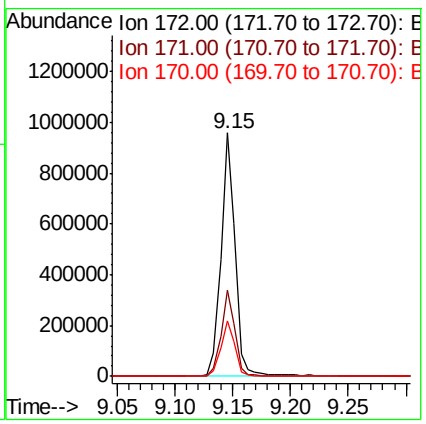


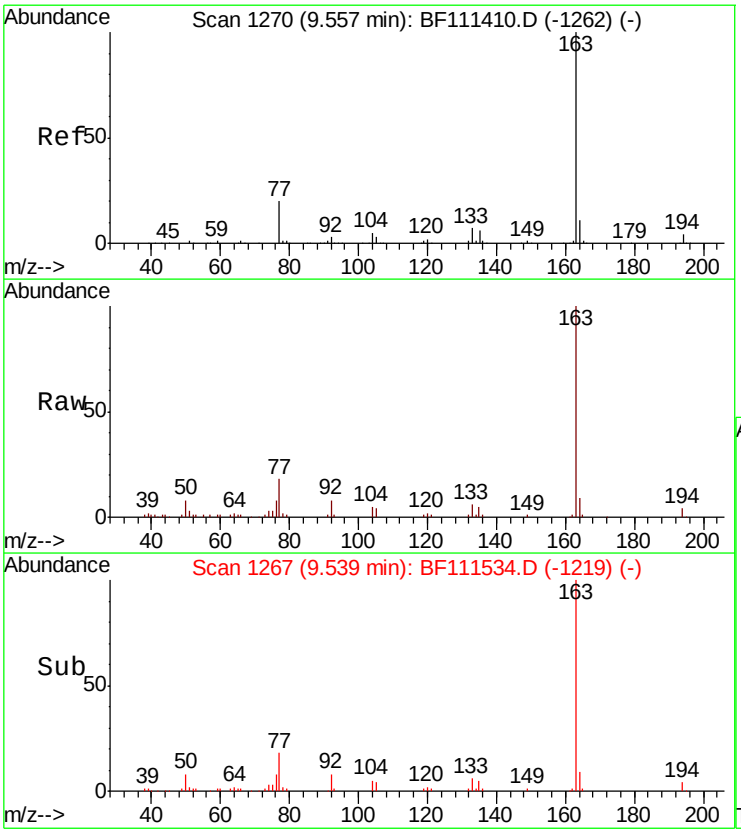
#45
2-Fluorobiphenyl
Concen: 54.520 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0006-01

Tgt Ion:172 Resp: 817169

Ion	Ratio	Lower	Upper
172	100		
171	35.2	33.0	49.4
170	23.0	22.3	33.5

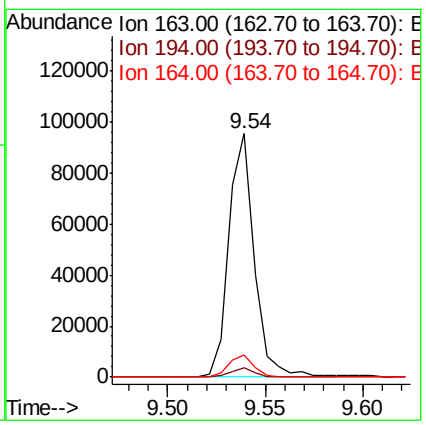


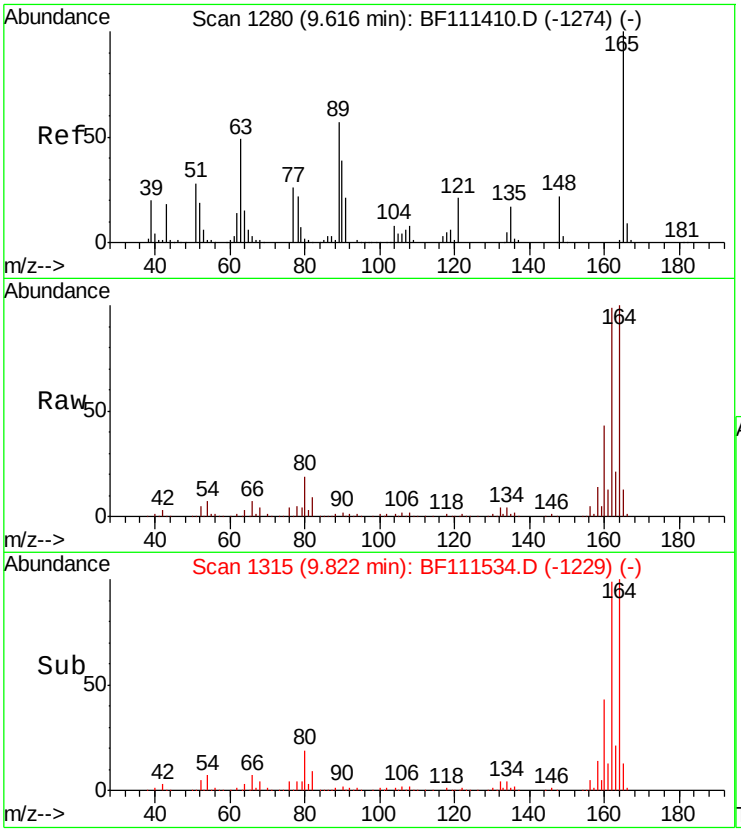


#50
Dimethylphthalate
Concen: 5.190 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Tgt Ion:163 Resp: 86539

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	9.3	8.9	13.3



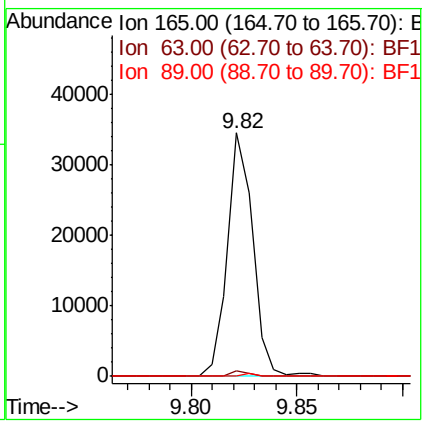


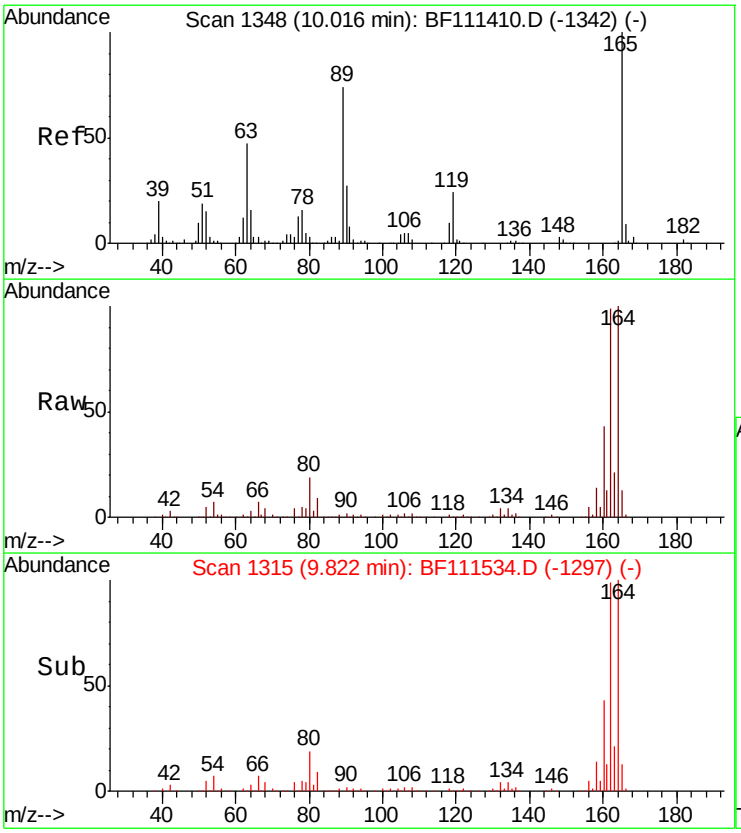
#51
2,6-Dinitrotoluene
Concen: 7.640 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.21 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0006-01

Tgt Ion:165 Resp: 28674

Ion	Ratio	Lower	Upper
165	100		
63	2.1	40.5	60.7#
89	0.0	40.0	60.0#

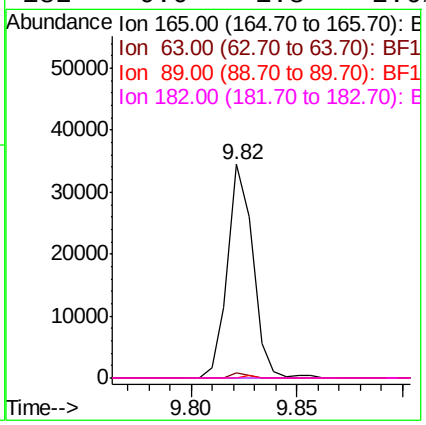


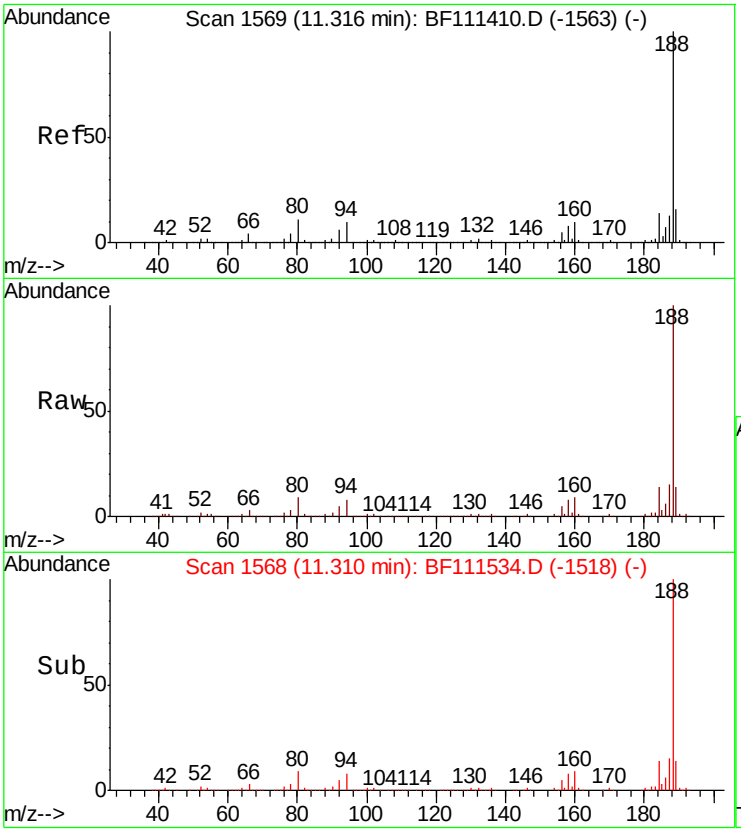


#57
2,4-Dinitrotoluene
Concen: 5.821 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Tgt Ion:165 Resp: 28674

Ion	Ratio	Lower	Upper
165	100		
63	2.1	34.6	52.0#
89	0.0	56.2	84.4#
182	0.0	1.8	2.6#



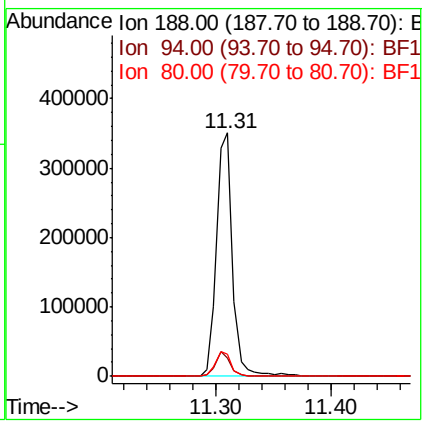


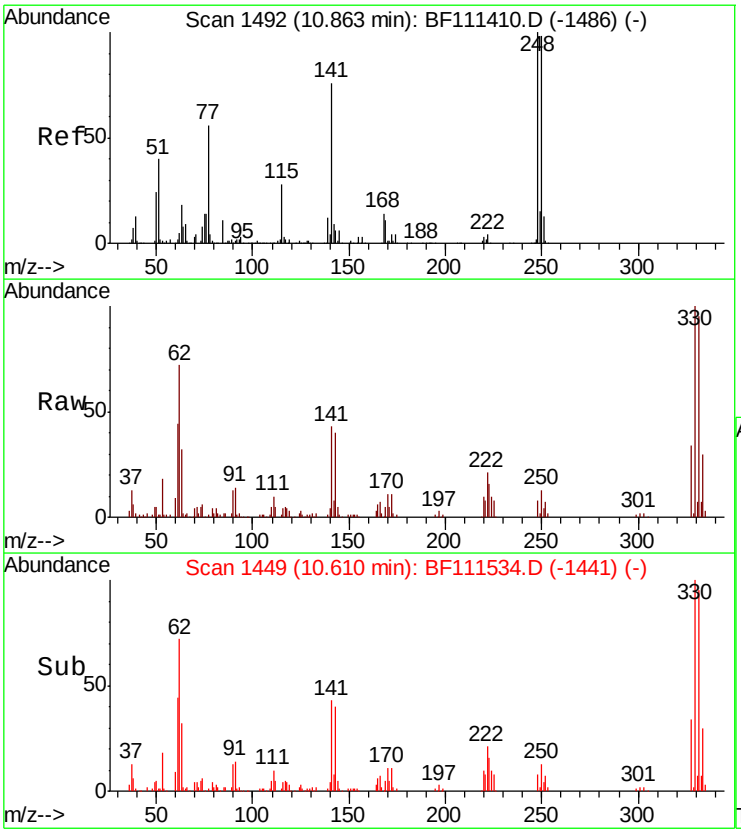
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0006-01

Tgt Ion:188 Resp: 339019

Ion	Ratio	Lower	Upper
188	100		
94	7.7	9.6	14.4#
80	9.3	9.8	14.6#

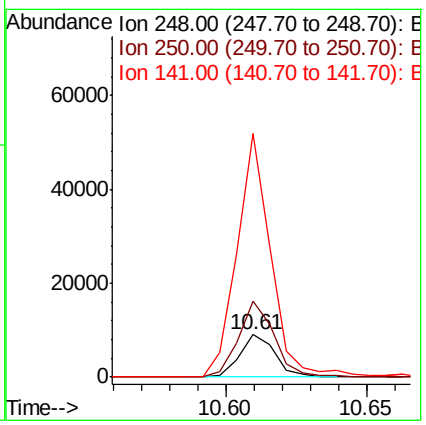


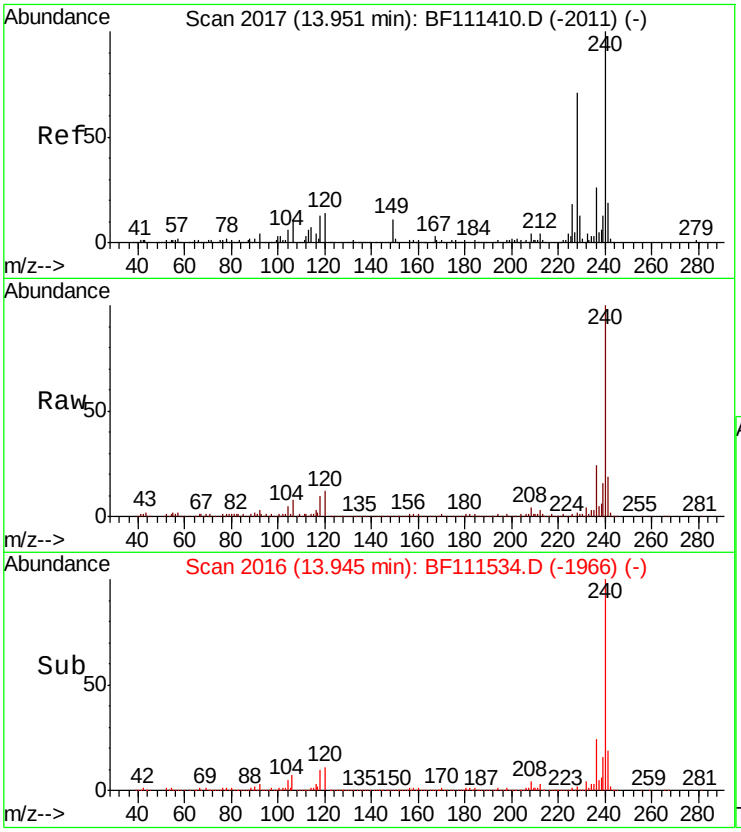


#67
4-Bromophenyl-phenylether
Concen: 2.131 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.25 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Tgt Ion:248 Resp: 7787

Ion	Ratio	Lower	Upper
248	100		
250	179.7	77.0	115.4#
141	572.6	63.0	94.6#



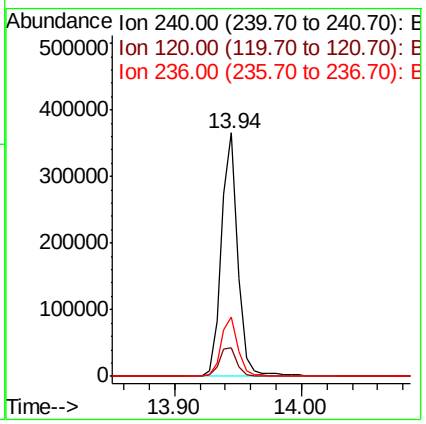


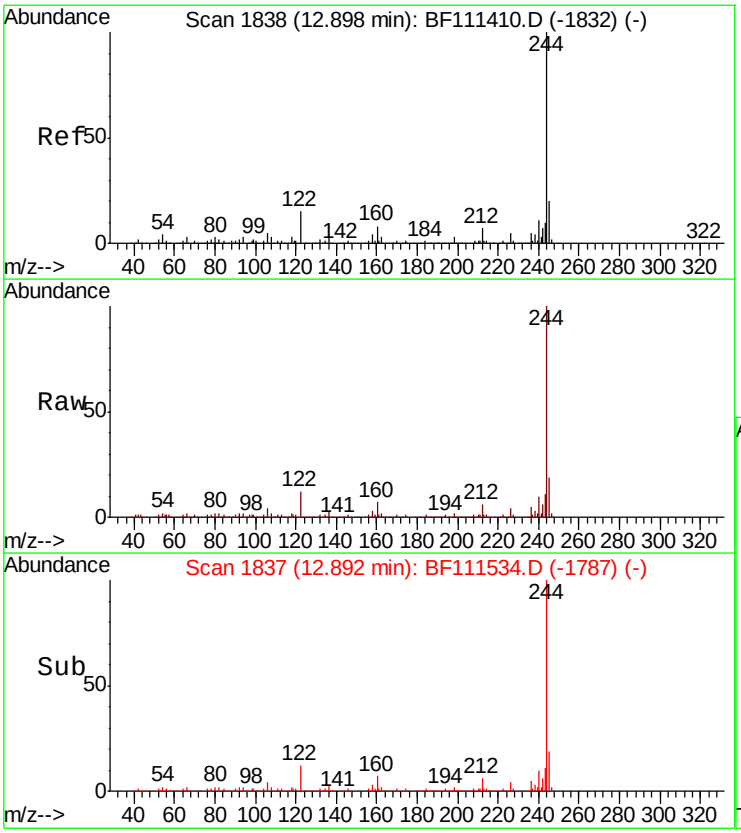
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0006-01

Tgt Ion:240 Resp: 331255

Ion	Ratio	Lower	Upper
240	100		
120	11.5	12.2	18.2#
236	24.3	20.2	30.2

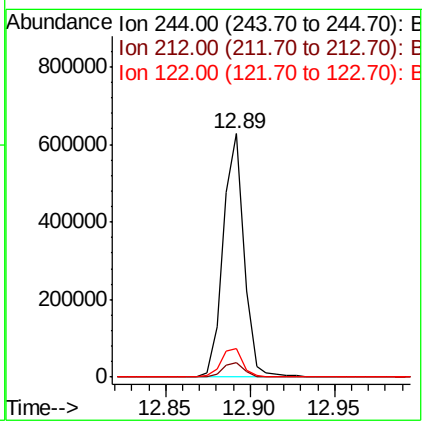


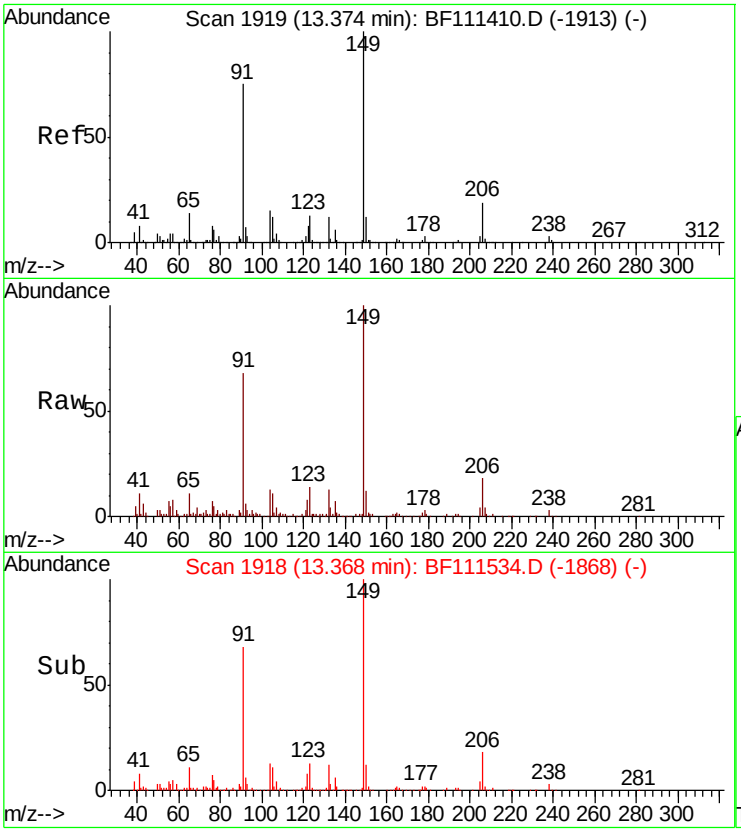


#79
Terphenyl-d14
Concen: 38.187 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Tgt Ion:244 Resp: 538687

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.7	8.5
122	12.0	13.1	19.7#



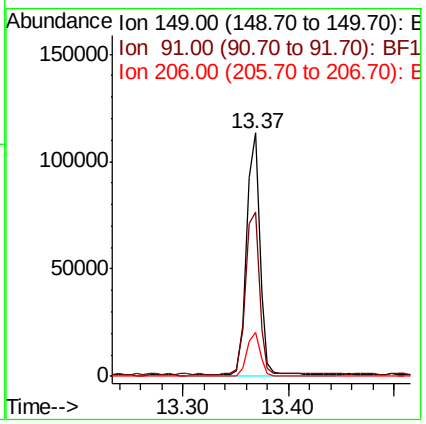


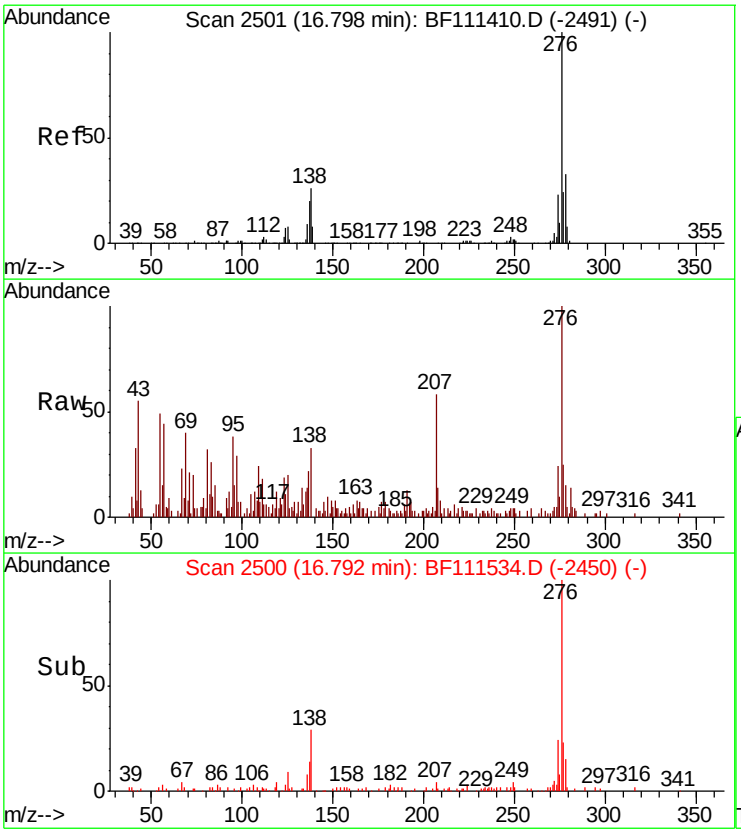
#80
Butylbenzylphthalate
Concen: 8.747 ng
RT: 13.37 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0006-01

Tgt Ion:149 Resp: 99570

Ion	Ratio	Lower	Upper
149	100		
91	67.6	63.8	95.6
206	18.1	15.1	22.7

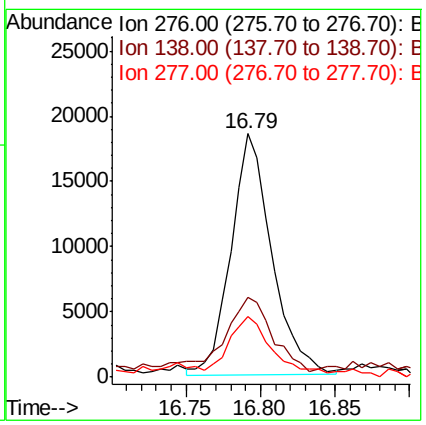


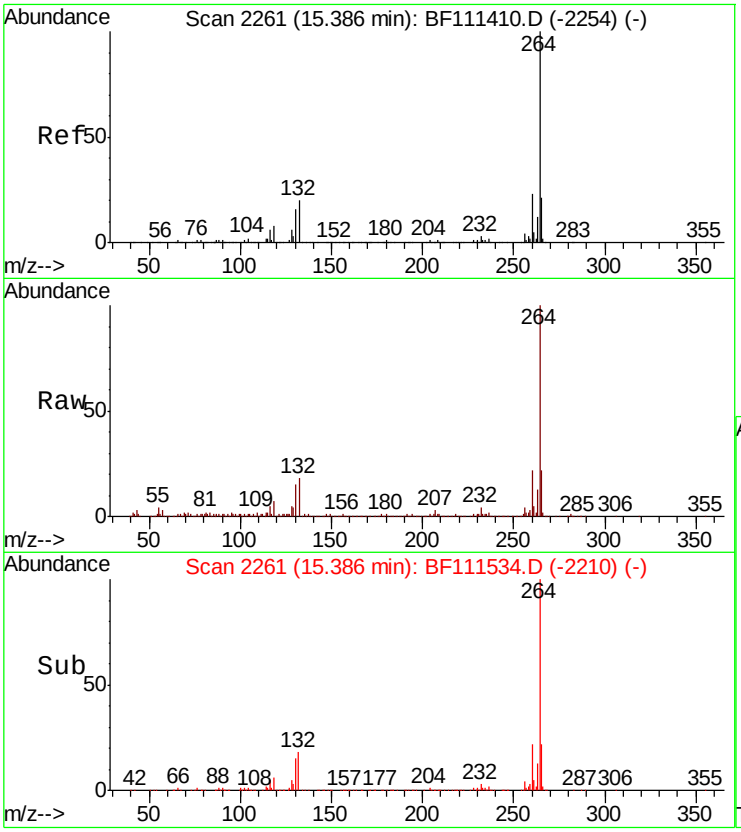


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.581 ng
RT: 16.79 min Scan# 2500
Delta R.T. -0.01 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Tgt Ion:276 Resp: 35350

Ion	Ratio	Lower	Upper
276	100		
138	37.4	27.8	41.6
277	23.3	20.1	30.1



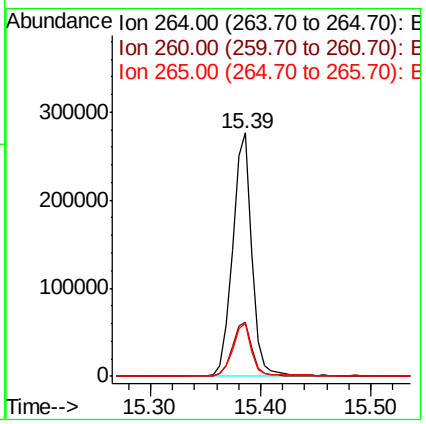


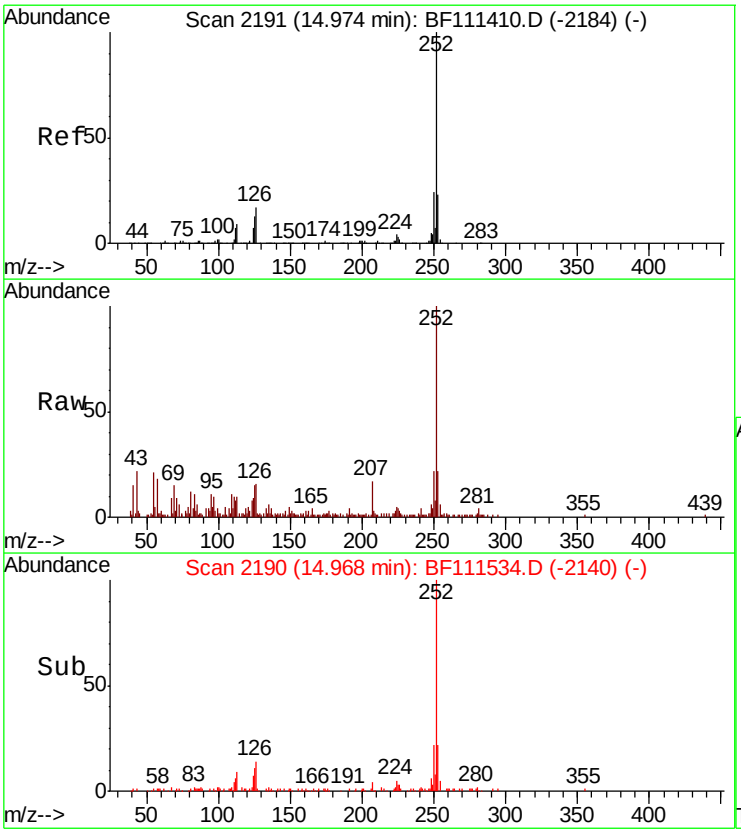
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0006-01

Tgt Ion:264 Resp: 338675

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.3	27.5
265	21.5	17.7	26.5

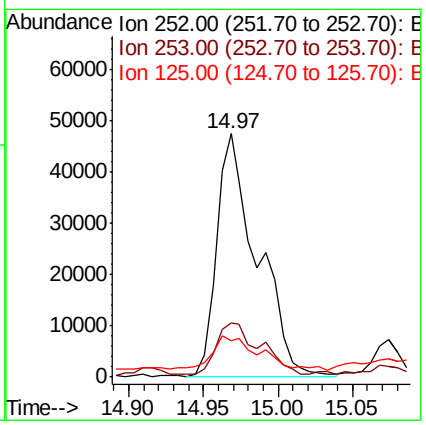


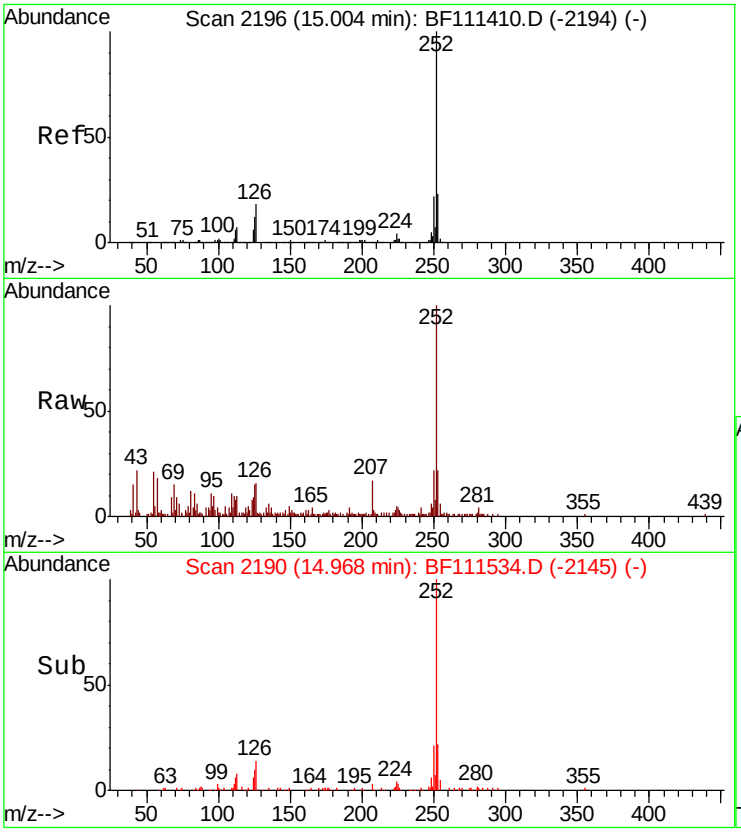


#88
Benzo(b)fluoranthene
Concen: 4.569 ng
RT: 14.97 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Tgt Ion:252 Resp: 90212

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	14.7	10.4	15.6



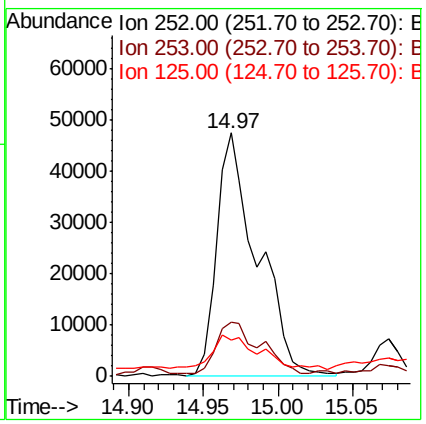


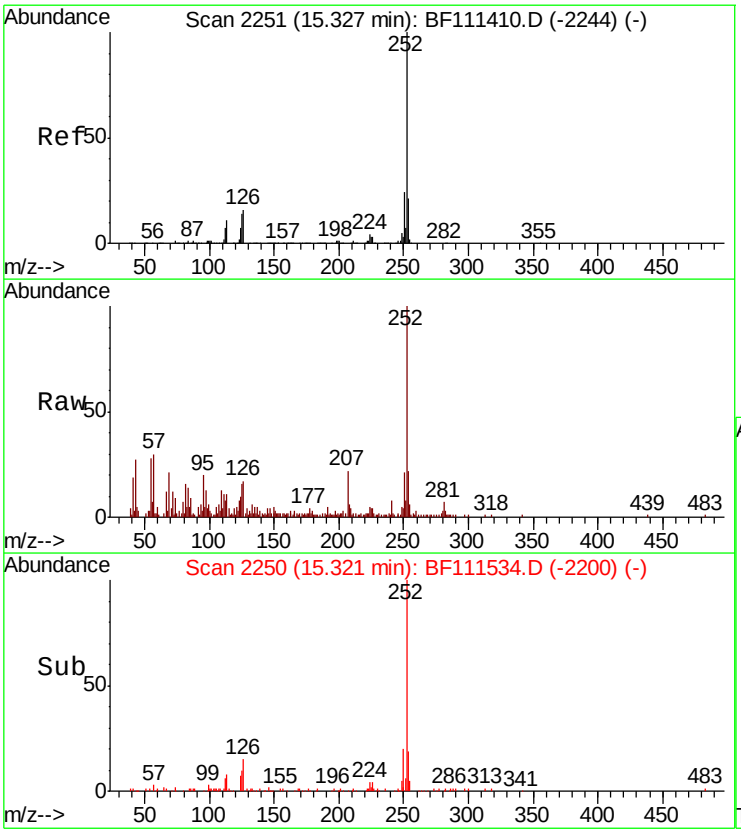
#89
Benzo(k)fluoranthene
Concen: 4.782 ng
RT: 14.97 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0006-01

Tgt Ion:252 Resp: 90212

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	14.7	9.8	14.8

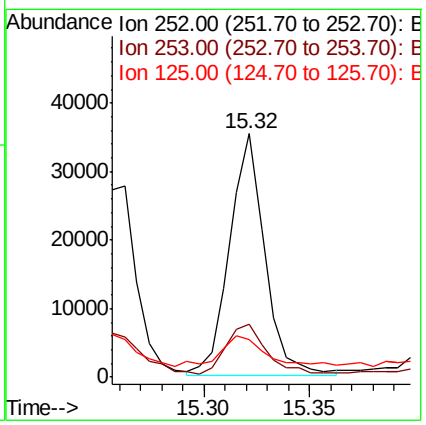


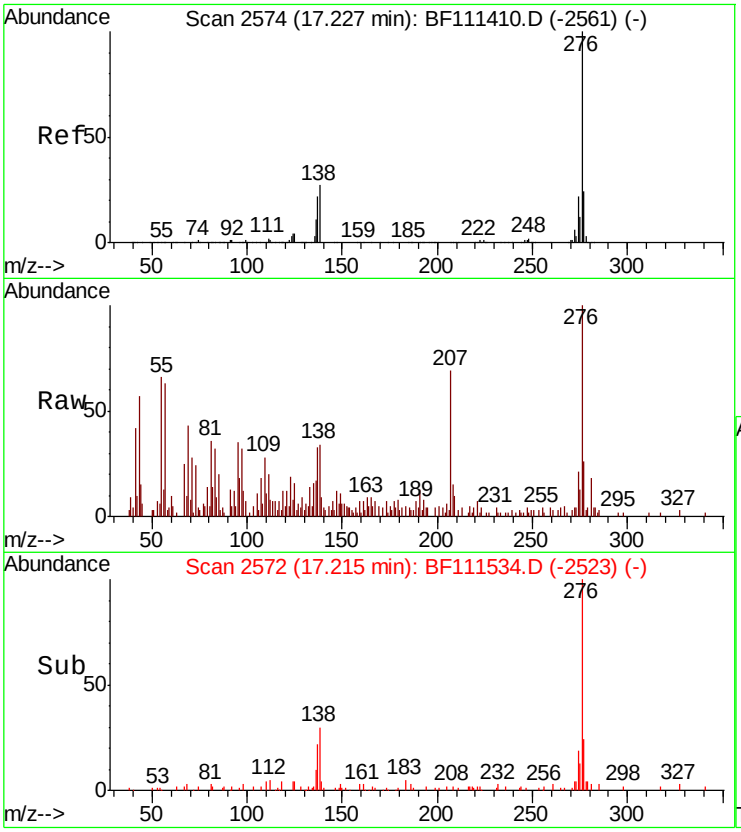


#90
Benzo(a)pyrene
Concen: 2.293 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Tgt Ion:252 Resp: 40828

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	15.7	12.3	18.5





#92
Benzo(g,h,i)perylene
Concen: 2.455 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BF111534.D
Acq: 17 Dec 2018 12:48

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0006-01

Tgt Ion:276 Resp: 33843

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.2	28.8
138	34.5	24.9	37.3