Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111722.D
Acq On : 26 Dec 2018 19:14
Operator : JU/SJ
Sample : J6499-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 27 02:14:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	247004	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	941016	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	482774	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	804414	20.00	ng		0.00
76) Chrysene-d12	14.06	240	541003	20.00	ng		0.00
87) Perylene-d12	15.54	264	536730	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1431706	98.80	ng		0.02
7) Phenol-d6	6.54	99	1921831	104.21	ng		0.02
23) Nitrobenzene-d5	7.46	82	1256382	77.72	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	554470	97.20	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	2059031	62.17	ng		0.00
79) Terphenyl-d14	13.00	244	1681817	58.95	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.55	94	162342	7.802	ng		99
19) n-Nitroso-di-n-propylamine	7.46	70	175284	14.312	ng	#	78
25) Isophorone	7.46	82	1253843	43.688	ng	#	64
50) Dimethylphthalate	9.65	163	312509	8.852	ng		97
57) 2,4-Dinitrotoluene	9.93	165	62392	7.374	ng	#	25
65) 4,6-Dinitro-2-methylphenol	10.73	198	1065	6.969	ng	#	1
67) 4-Bromophenyl-phenylether	10.73	248	34670	3.475	ng	#	1
71) Phenanthrene	11.45	178	128269	3.007	ng		93
75) Fluoranthene	12.63	202	362722	8.396	ng		94
78) Pyrene	12.86	202	322568	8.443	ng		96
81) Benzo(a)anthracene	14.04	228	190807	6.180	ng		99
83) Chrysene	14.08	228	166609	5.490	ng		98
86) Indeno(1,2,3-cd)pyrene	17.02	276	62918	2.439	ng	#	85
88) Benzo(b)fluoranthene	15.10	252	269921	8.605	ng	#	97
89) Benzo(k)fluoranthene	15.10	252	269921	9.038	ng		98
90) Benzo(a)pyrene	15.41	252	92144	3.233	ng		97

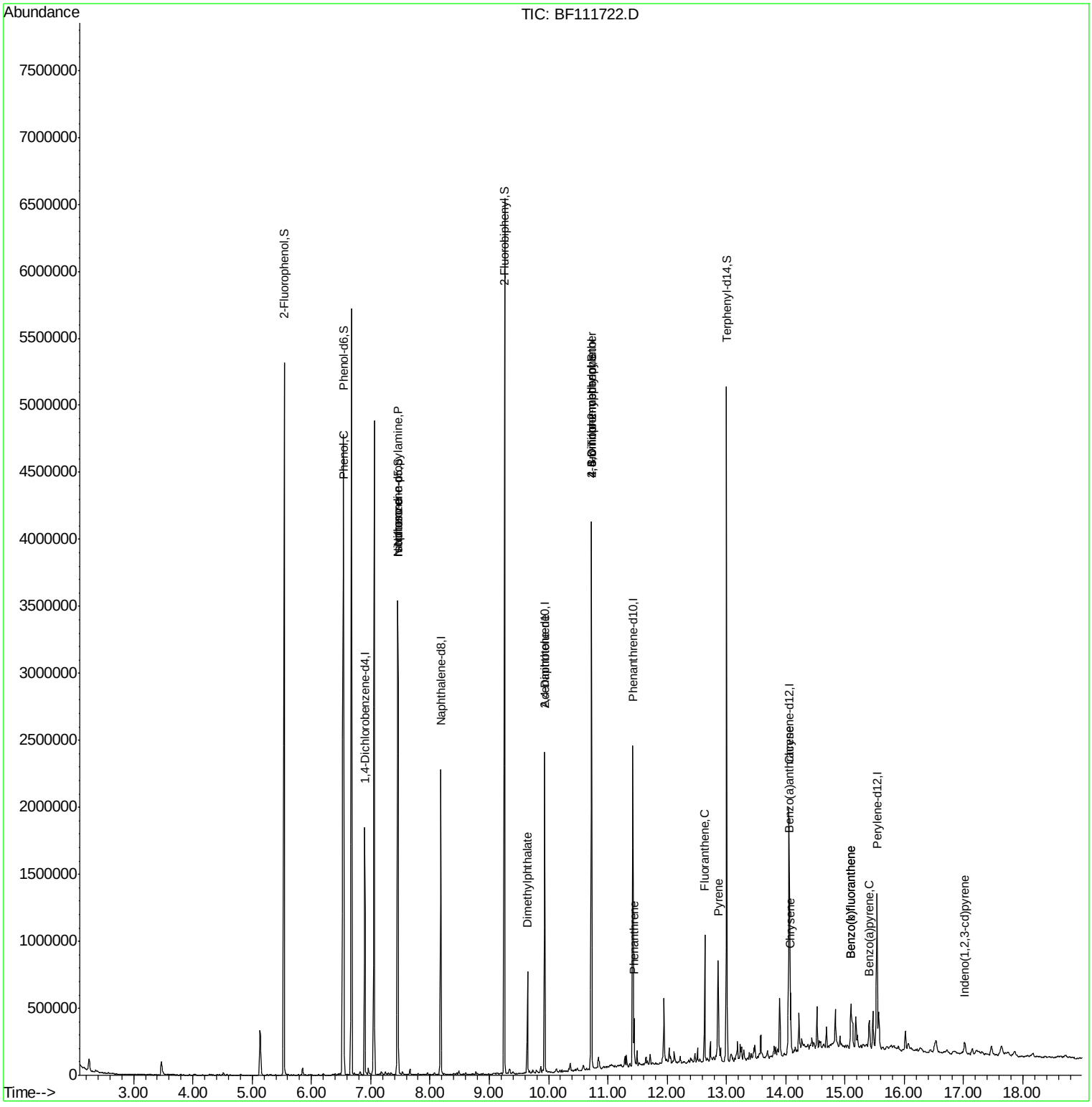
(#) = qualifier out of range (m) = manual integration (+) = signals summed

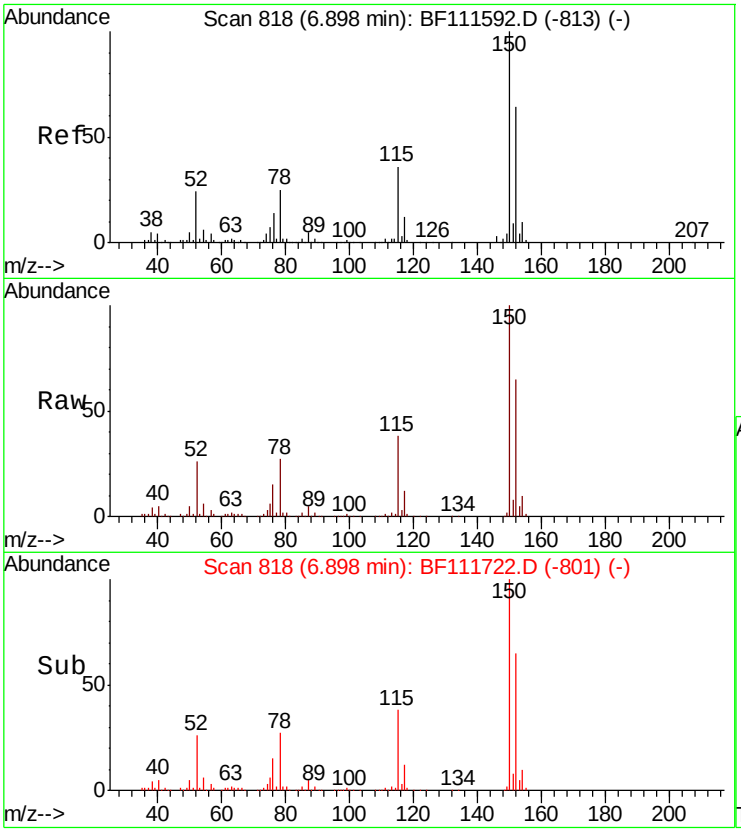
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111722.D
Acq On : 26 Dec 2018 19:14
Operator : JU/SJ
Sample : J6499-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 27 02:14:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



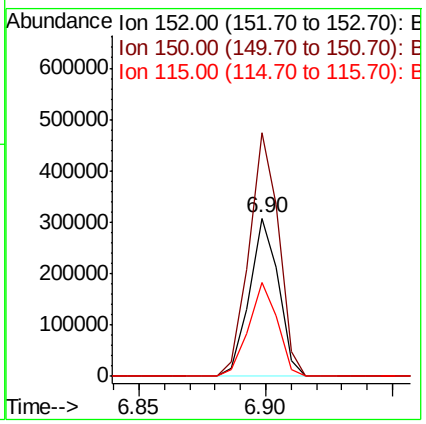


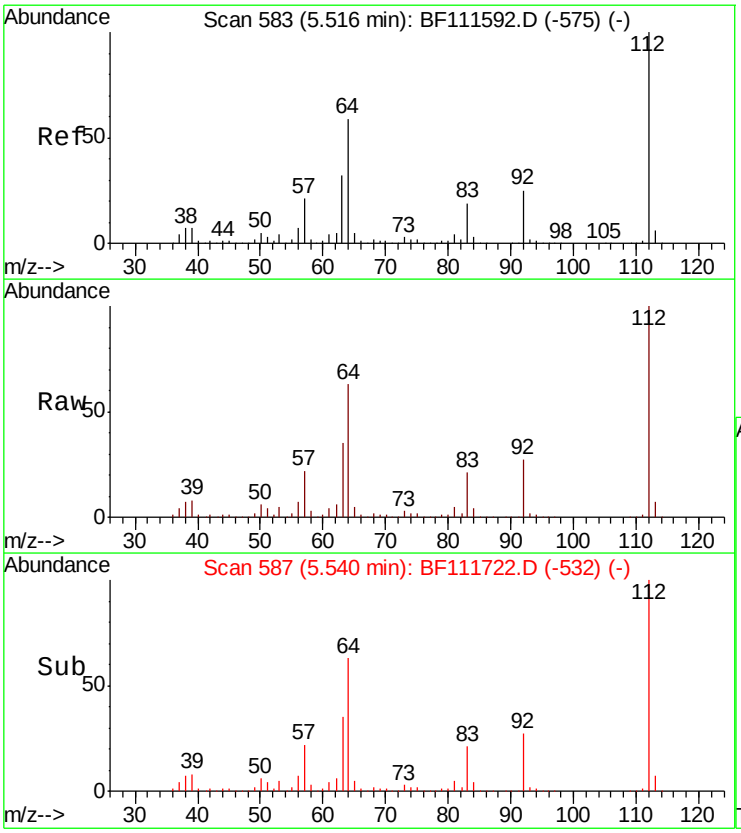
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 247004

Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.6	189.8
115	59.1	50.7	76.1

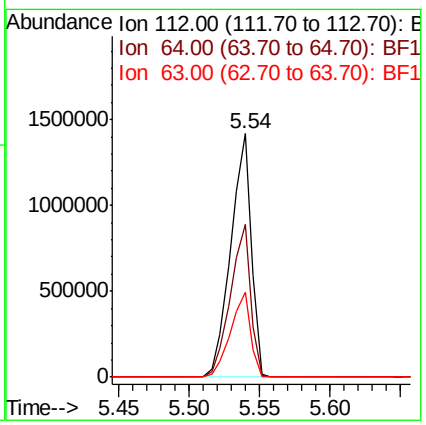


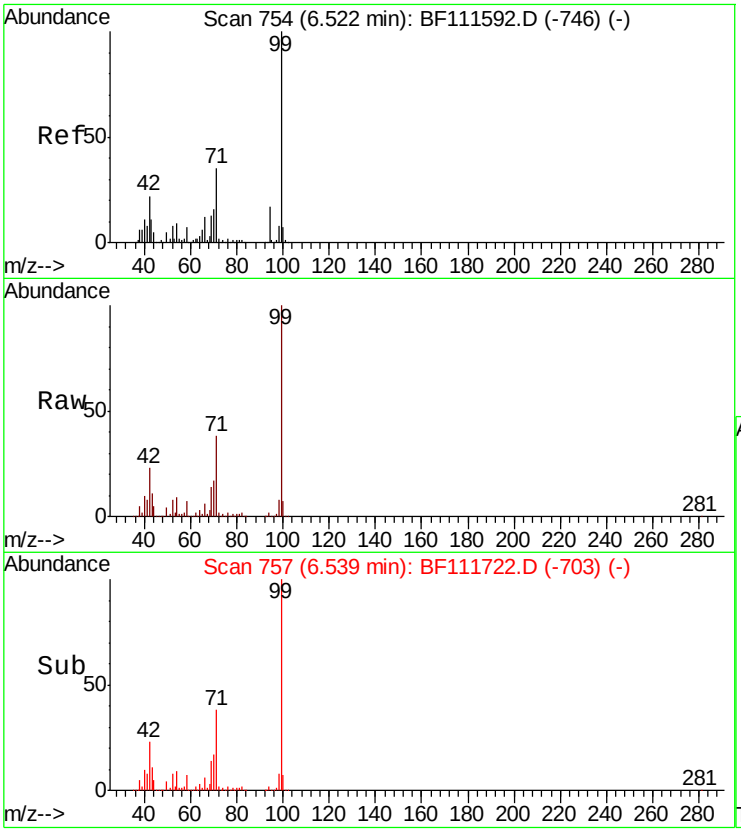


#5
2-Fluorophenol
Concen: 98.800 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Tgt Ion:112 Resp: 1431706

Ion	Ratio	Lower	Upper
112	100		
64	63.0	51.8	77.6
63	34.8	26.8	40.2



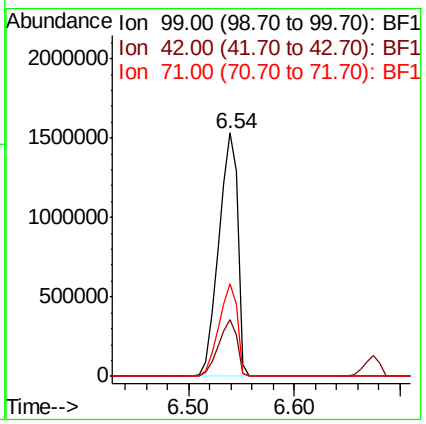


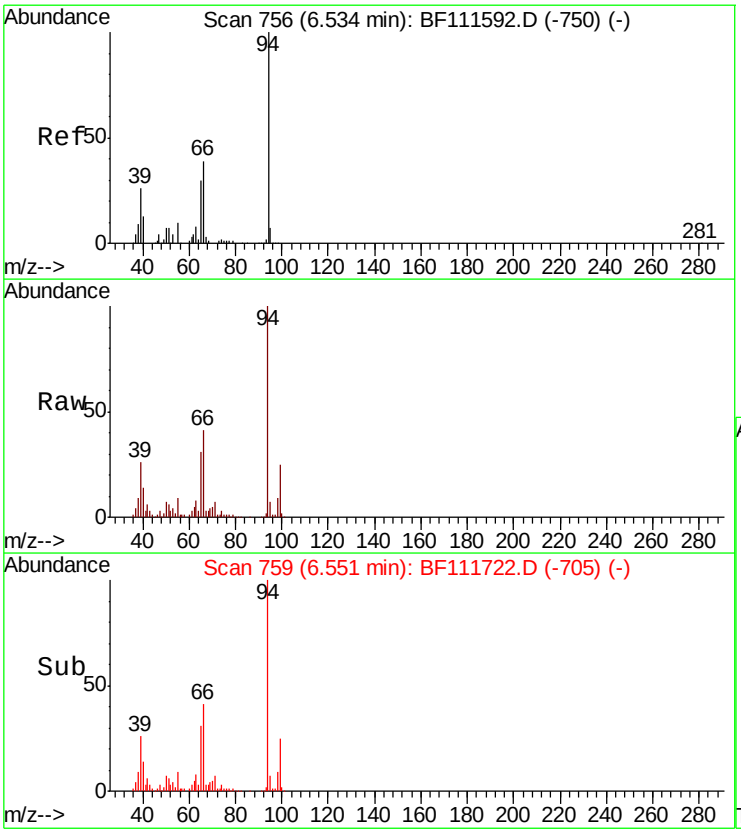
#7
Phenol-d6
Concen: 104.210 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.02 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1921831

Ion	Ratio	Lower	Upper
99	100		
42	23.2	17.4	26.0
71	37.8	26.1	39.1

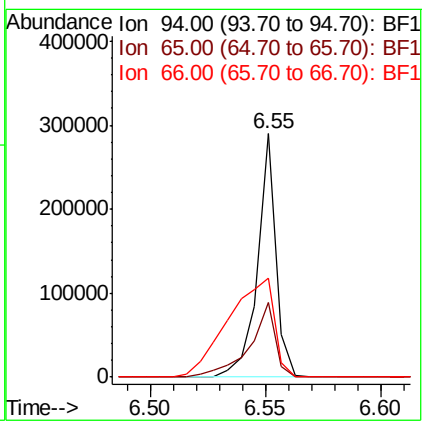


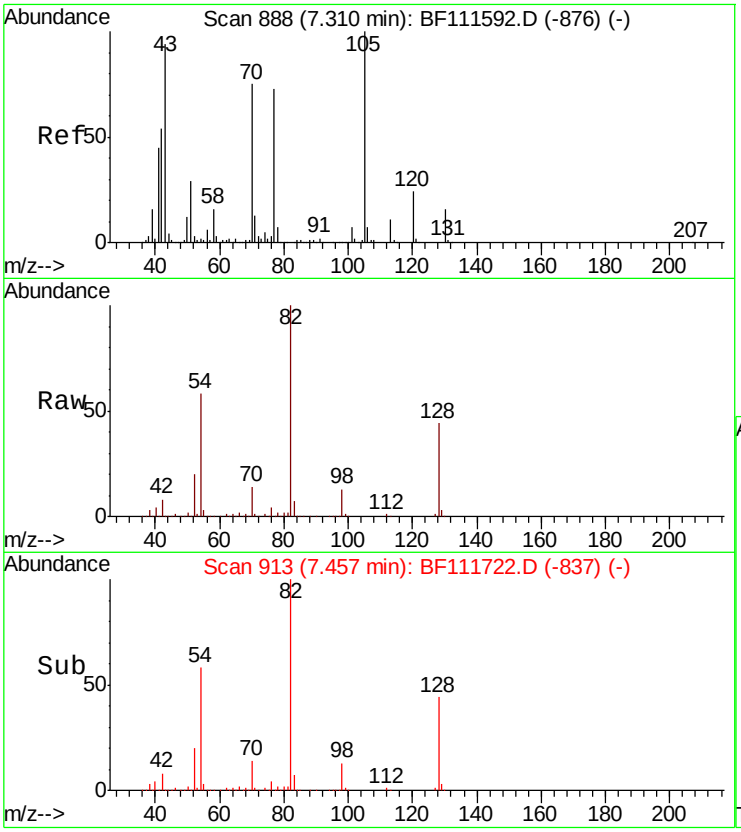


#10
Phenol
Concen: 7.802 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.02 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Tgt Ion: 94 Resp: 162342

Ion	Ratio	Lower	Upper
94	100		
65	30.9	11.7	51.7
66	40.6	21.0	61.0



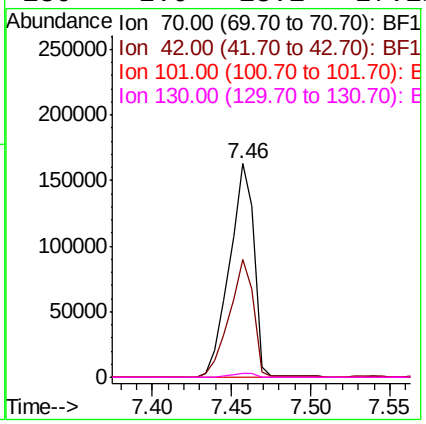


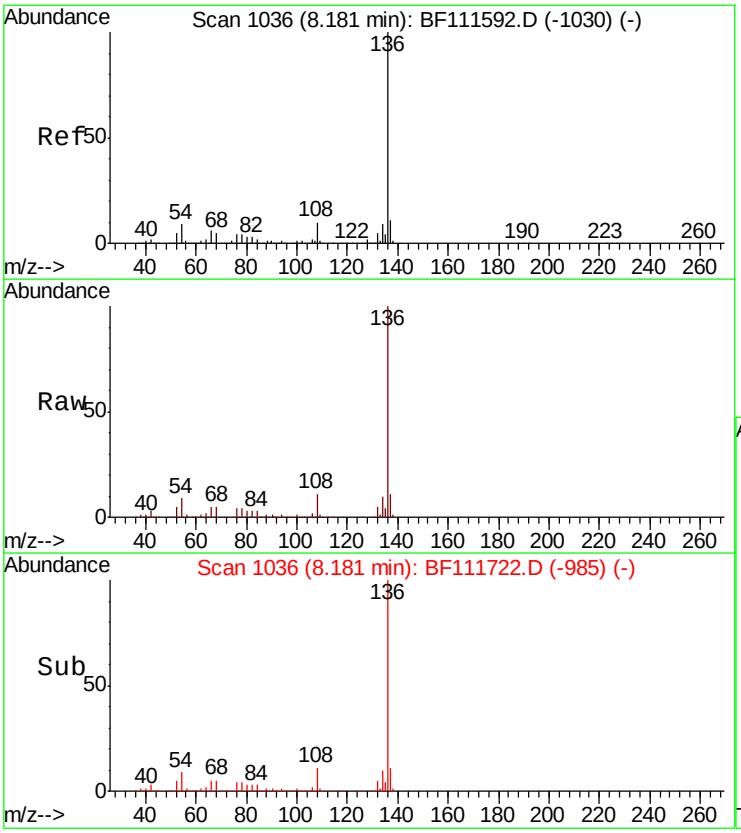
#19
n-Nitroso-di-n-propylamine
Concen: 14.312 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 175284

Ion	Ratio	Lower	Upper
70	100		
42	55.1	53.2	79.8
101	0.0	8.2	12.4#
130	2.0	18.1	27.1#

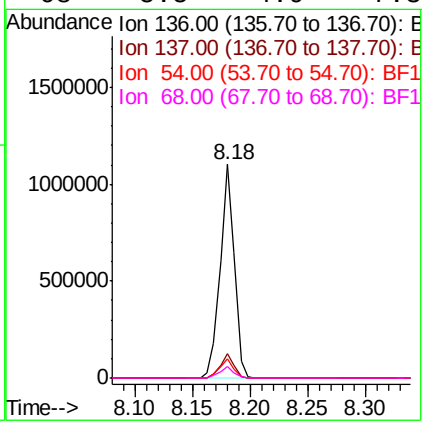


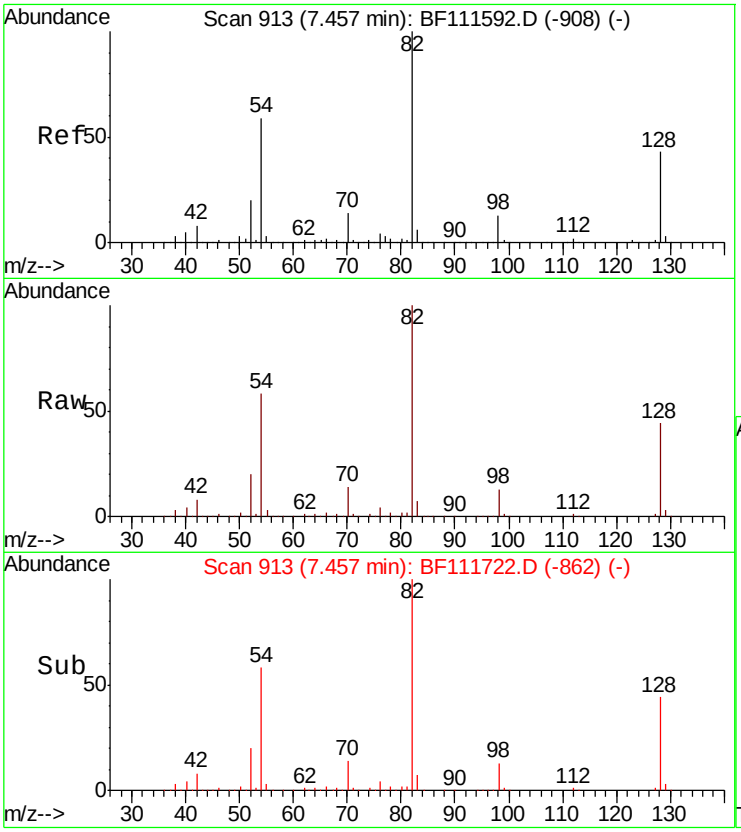


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Tgt Ion:136 Resp: 941016

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.9	7.7	11.5
68	5.5	4.9	7.3



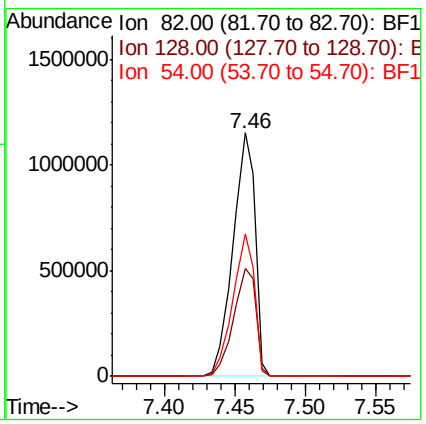


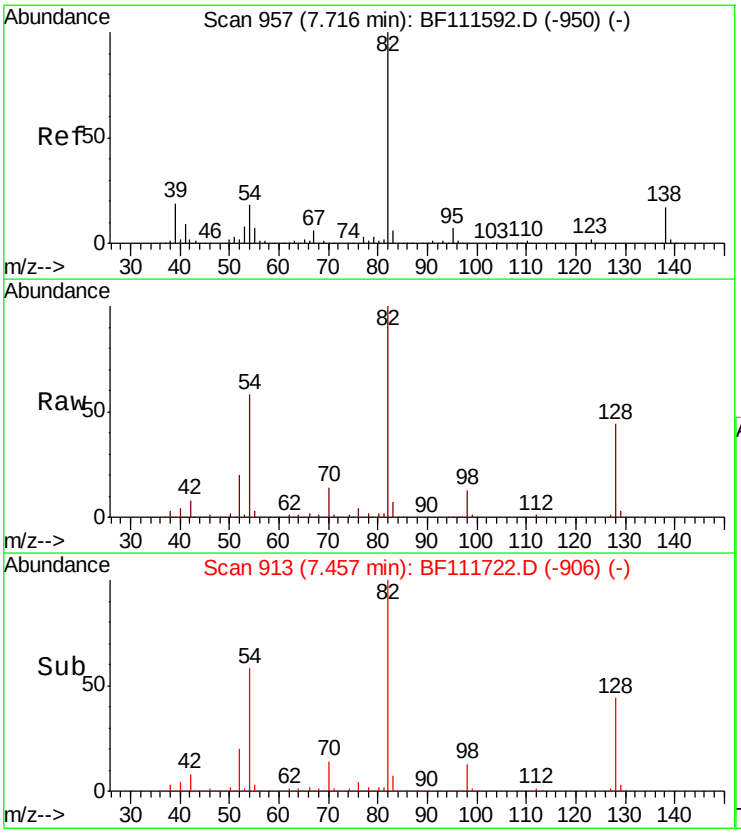
#23
Nitrobenzene-d5
Concen: 77.715 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1256382

Ion	Ratio	Lower	Upper
82	100		
128	44.4	37.4	56.2
54	58.3	47.6	71.4

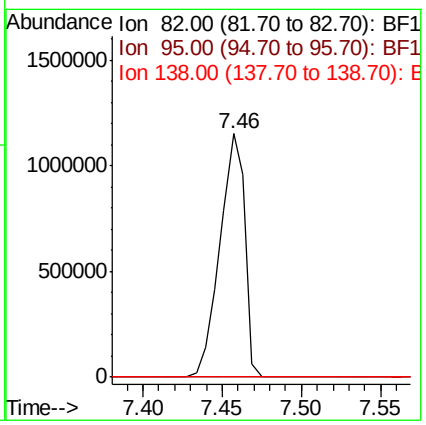


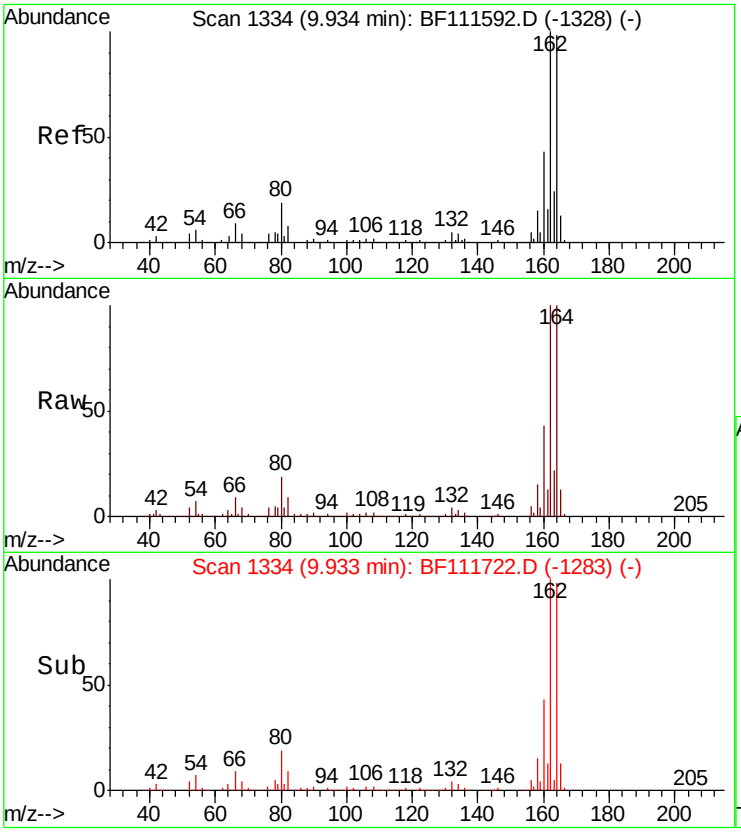


#25
Isophorone
Concen: 43.688 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Tgt Ion: 82 Resp: 1253843

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



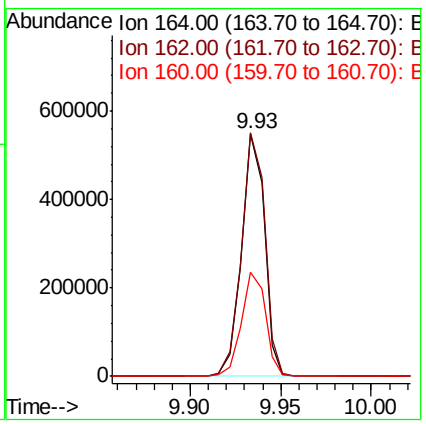


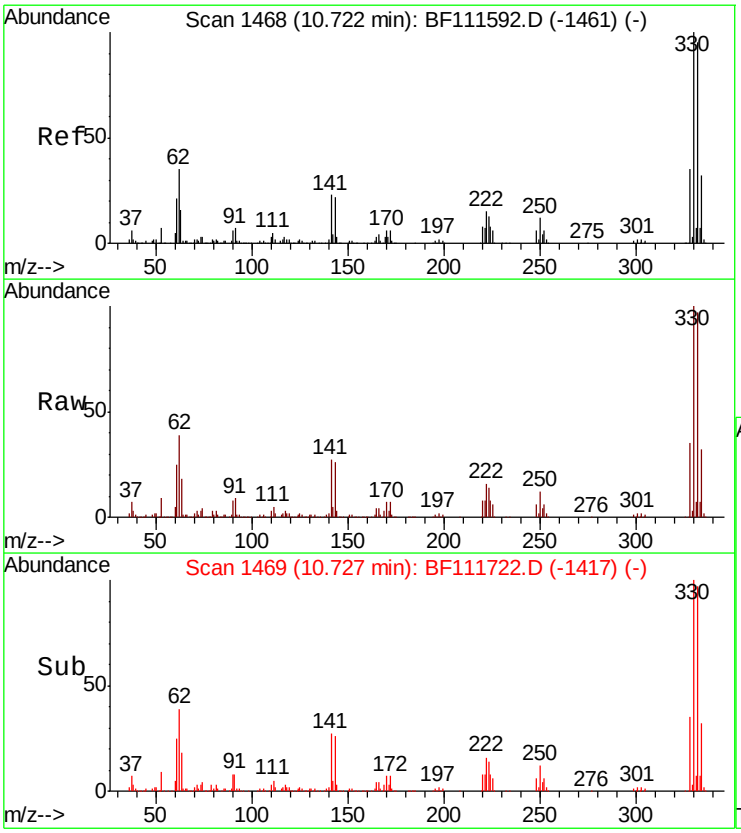
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 482774

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.4	122.0
160	43.0	35.7	53.5

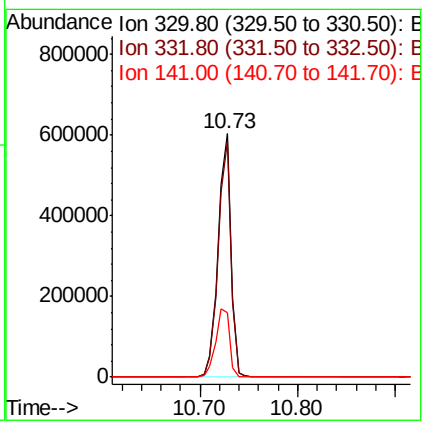


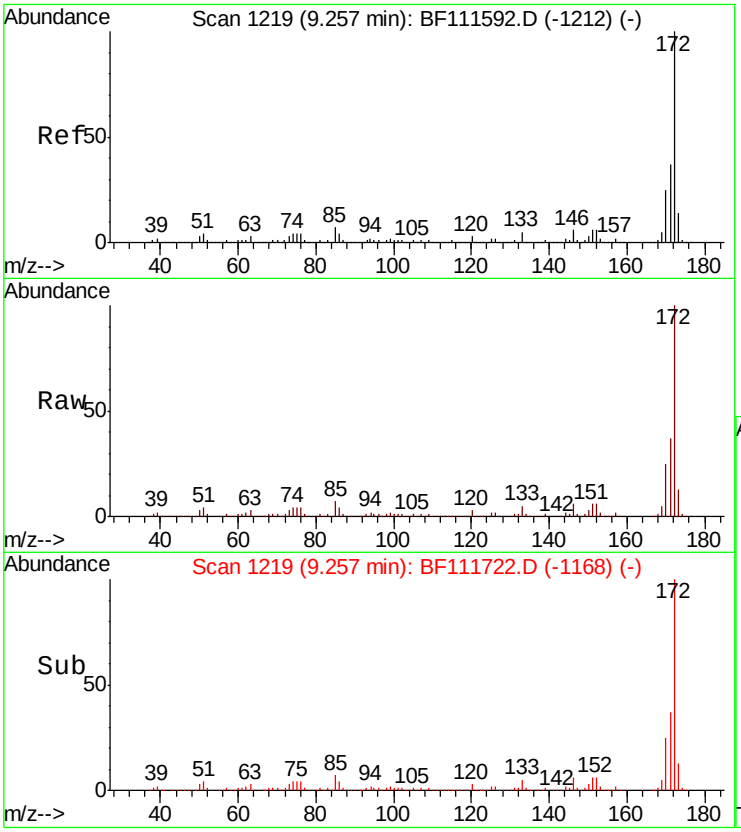


#42
2,4,6-Tribromophenol
Concen: 97.201 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Tgt Ion:330 Resp: 554470

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.0	114.0
141	30.5	31.0	46.6#



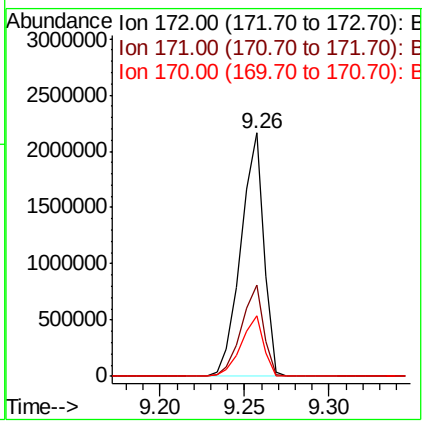


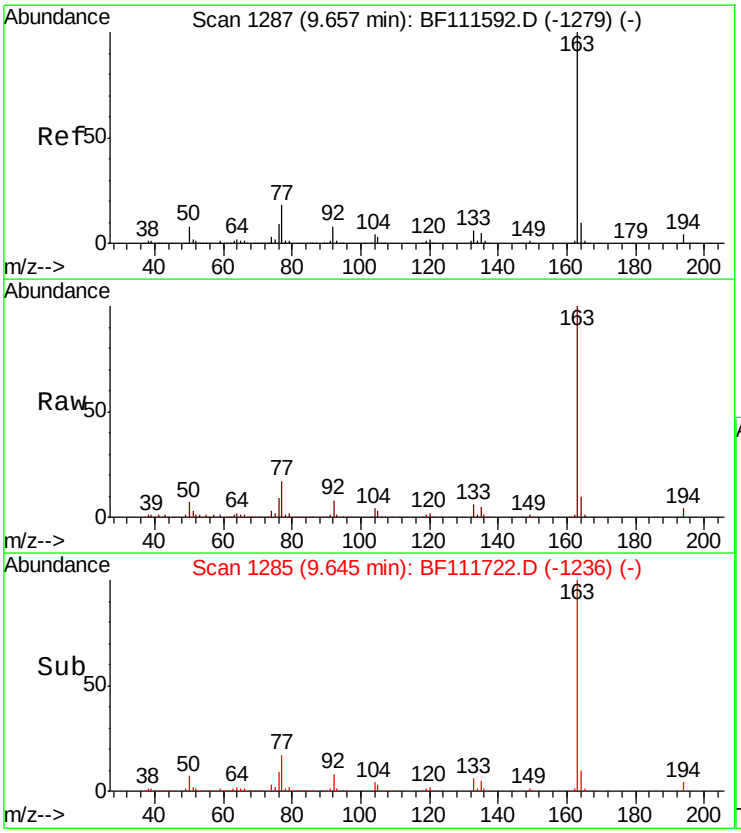
#45
2-Fluorobiphenyl
Concen: 62.166 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2059031

Ion	Ratio	Lower	Upper
172	100		
171	37.4	33.0	49.4
170	25.1	22.3	33.5

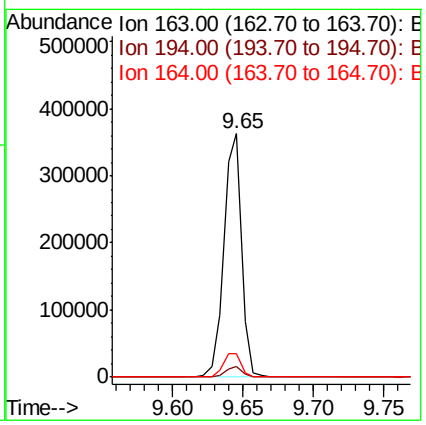


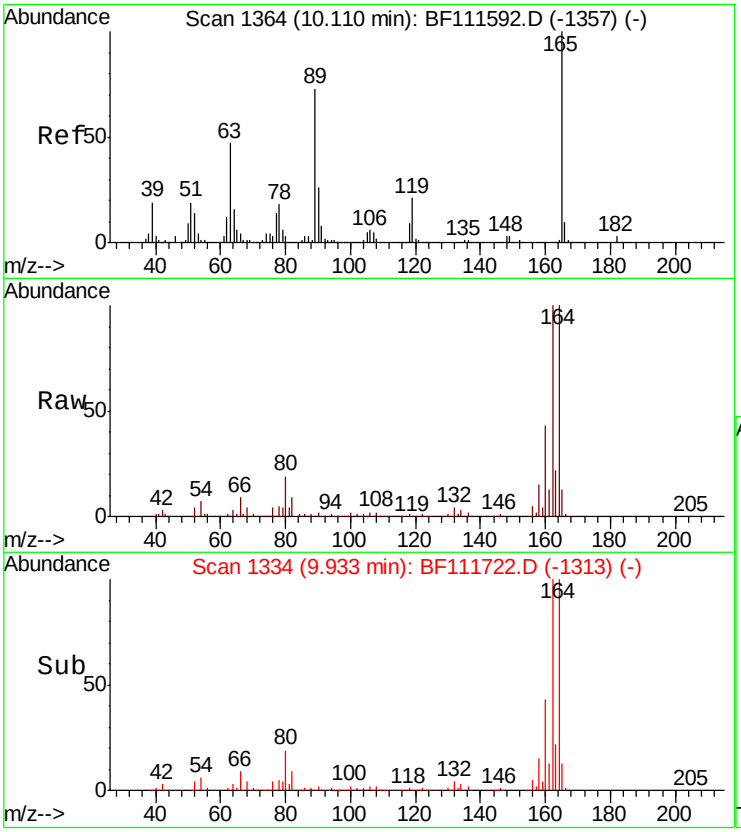


#50
Dimethylphthalate
Concen: 8.852 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Tgt Ion:163 Resp: 312509

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	9.8	8.9	13.3



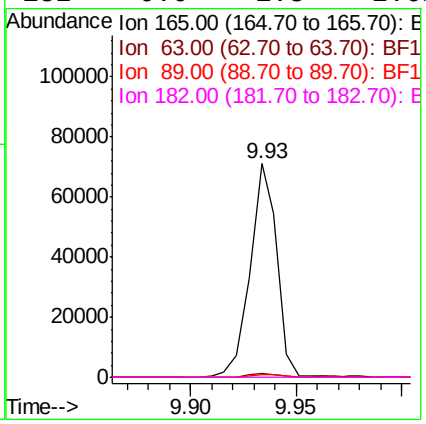


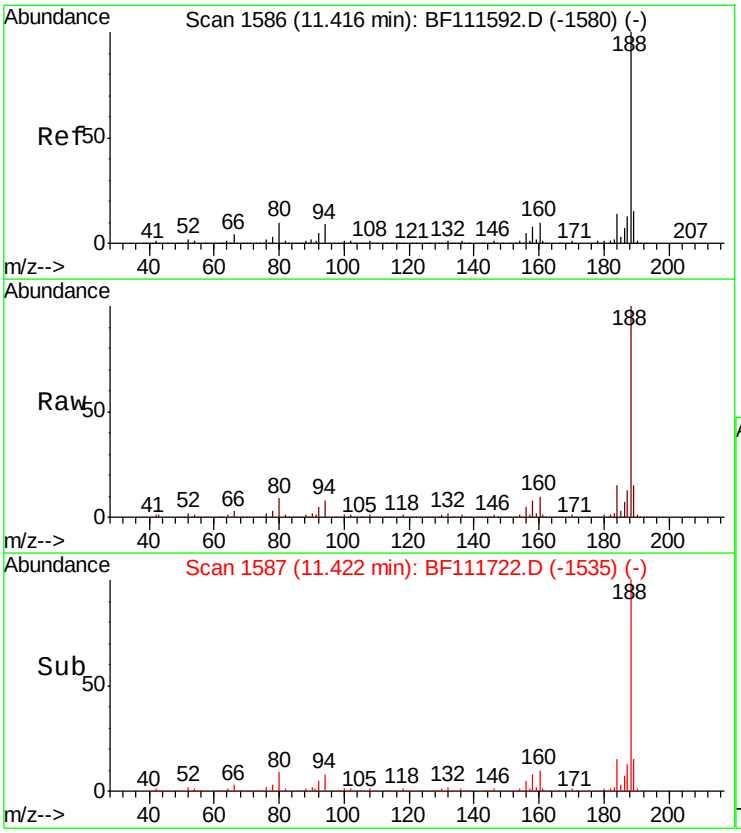
#57
2,4-Dinitrotoluene
Concen: 7.374 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 62392

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.6	52.0#
89	1.1	56.2	84.4#
182	0.0	1.8	2.6#

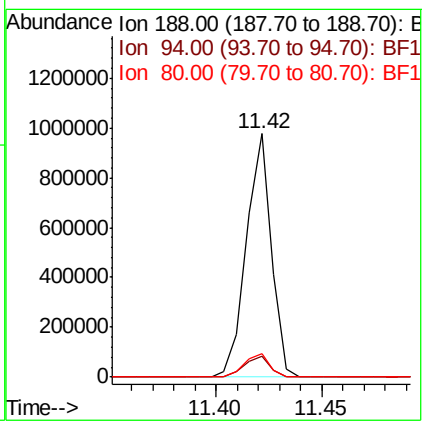


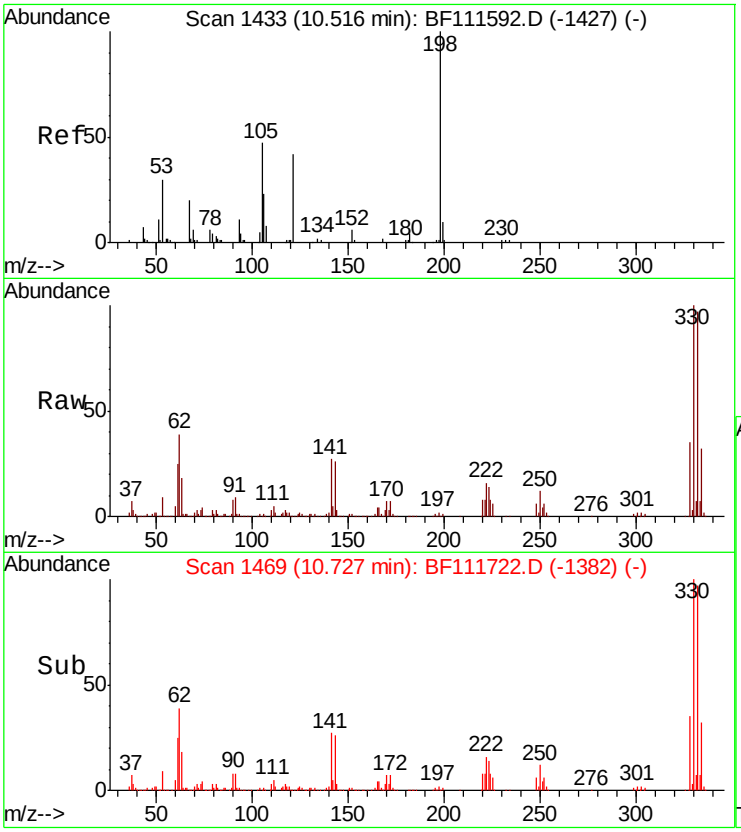


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Tgt Ion:188 Resp: 804414

Ion	Ratio	Lower	Upper
188	100		
94	8.4	9.6	14.4#
80	9.4	9.8	14.6#



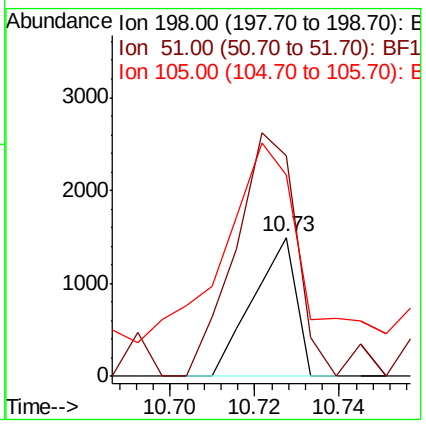


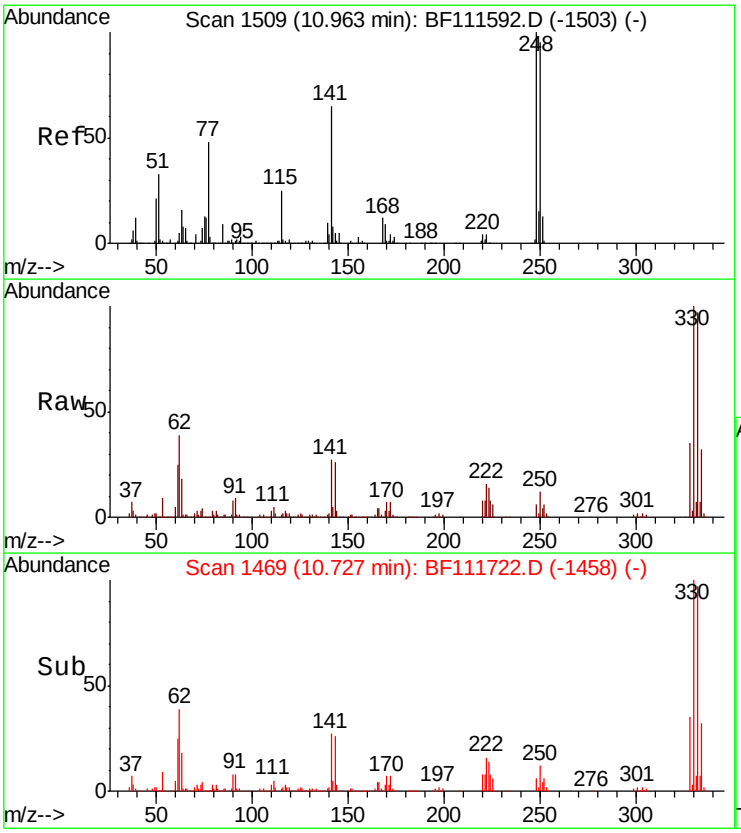
#65
4,6-Dinitro-2-methylphenol
Concen: 6.969 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.21 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 1065

Ion	Ratio	Lower	Upper
198	100		
51	158.1	48.0	88.0#
105	145.2	34.0	74.0#

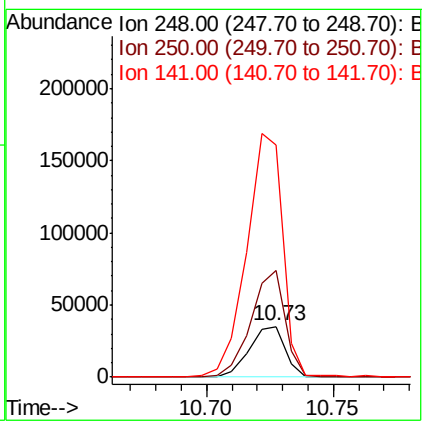


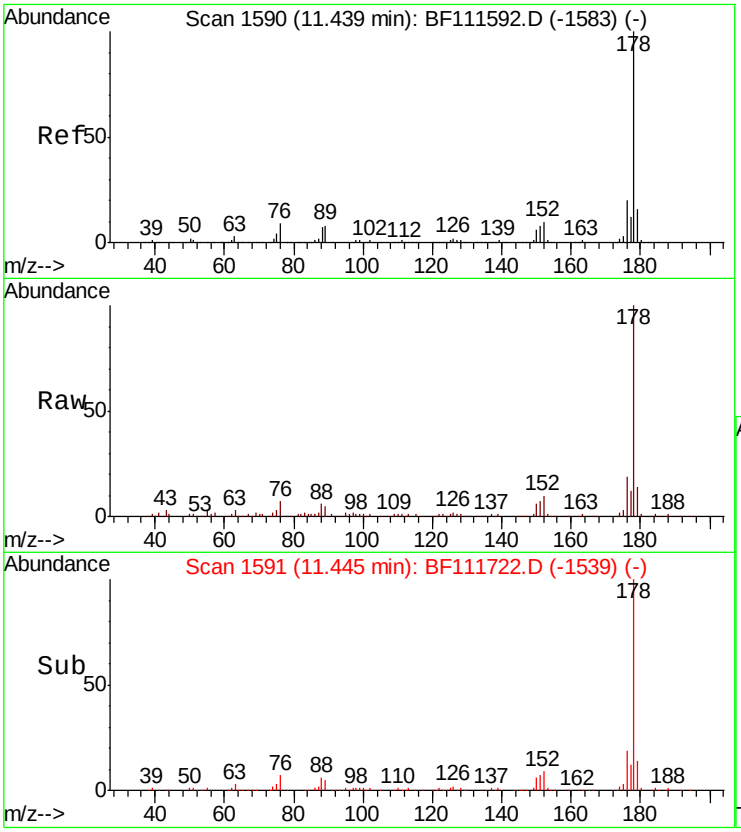


#67
4-Bromophenyl-phenylether
Concen: 3.475 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Tgt Ion:248 Resp: 34670

Ion	Ratio	Lower	Upper
248	100		
250	211.5	77.0	115.4#
141	458.2	63.0	94.6#



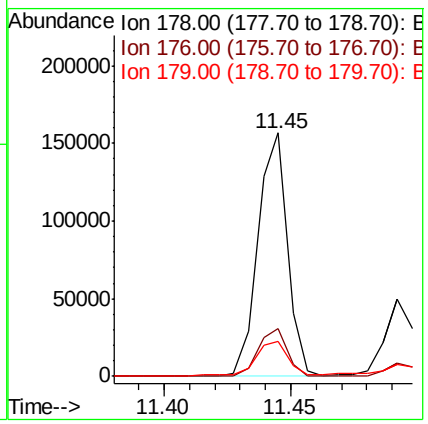


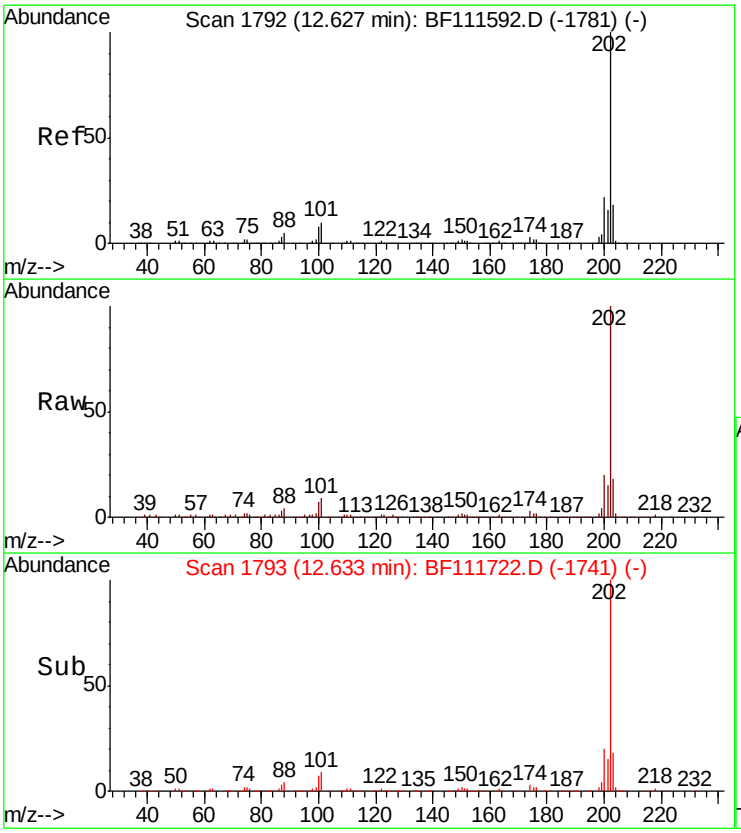
#71
Phenanthrene
Concen: 3.007 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 128269

Ion	Ratio	Lower	Upper
178	100		
176	19.4	18.1	27.1
179	14.4	14.0	21.0

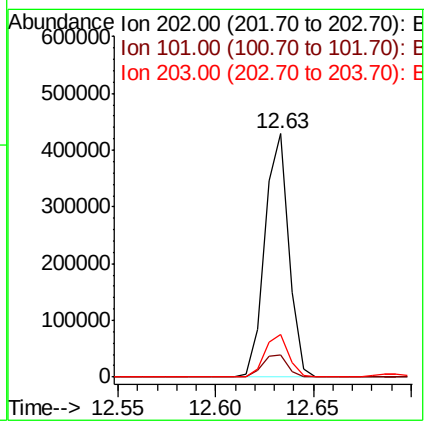


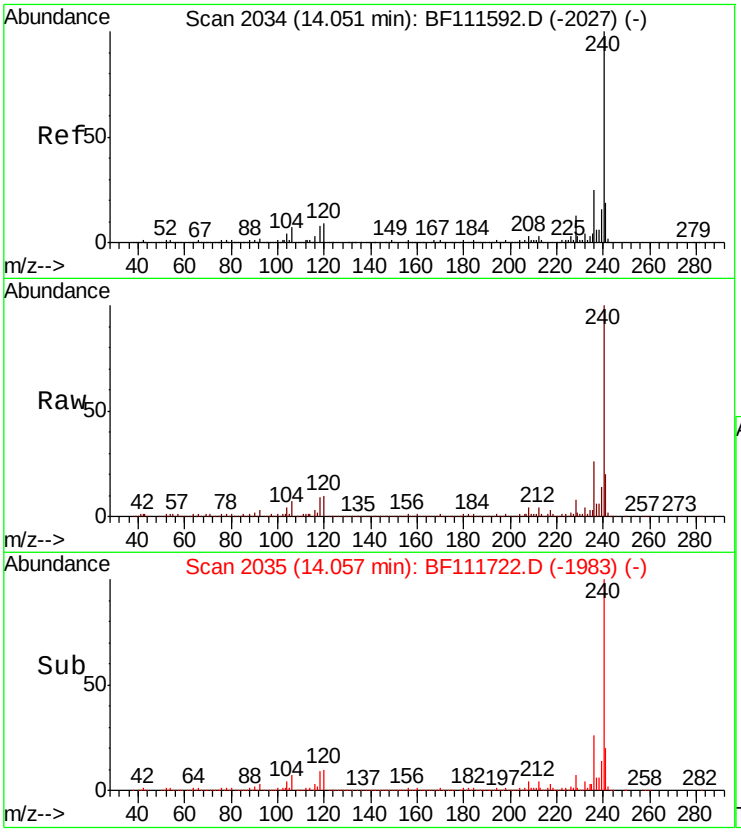


#75
Fluoranthene
Concen: 8.396 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.01 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Tgt Ion:202 Resp: 362722

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	33.8
203	17.8	0.0	38.6



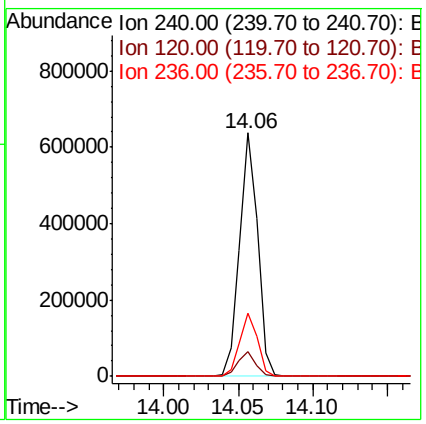


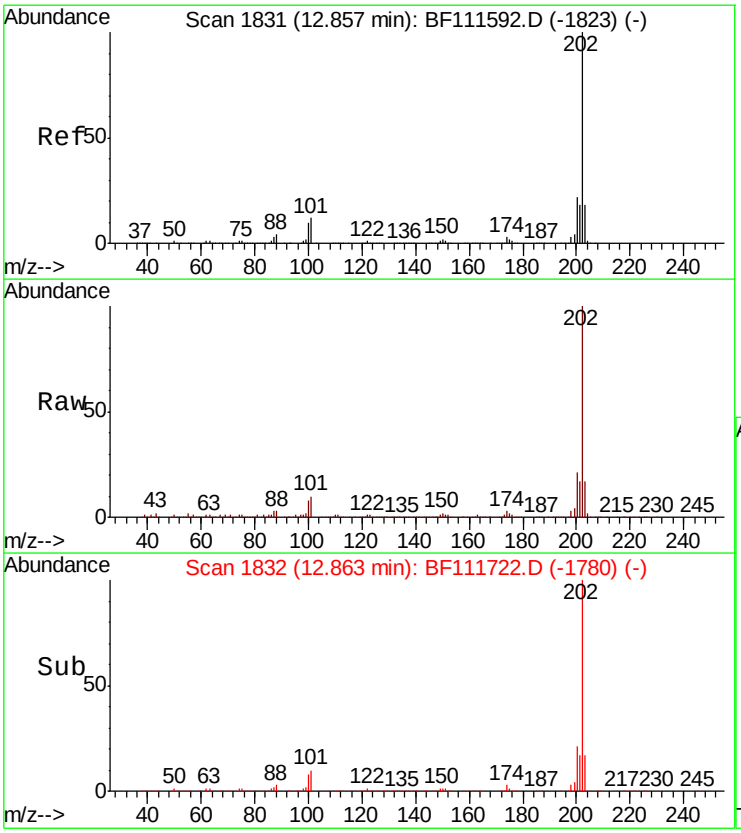
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 541003

Ion	Ratio	Lower	Upper
240	100		
120	10.4	12.2	18.2#
236	26.0	20.2	30.2

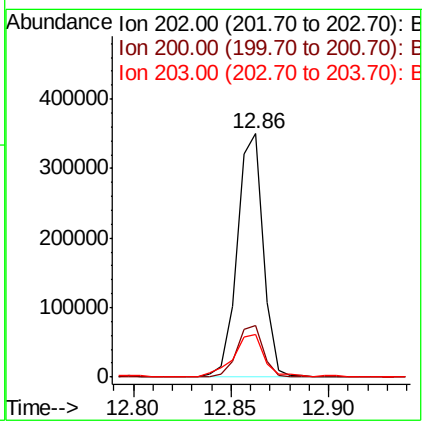


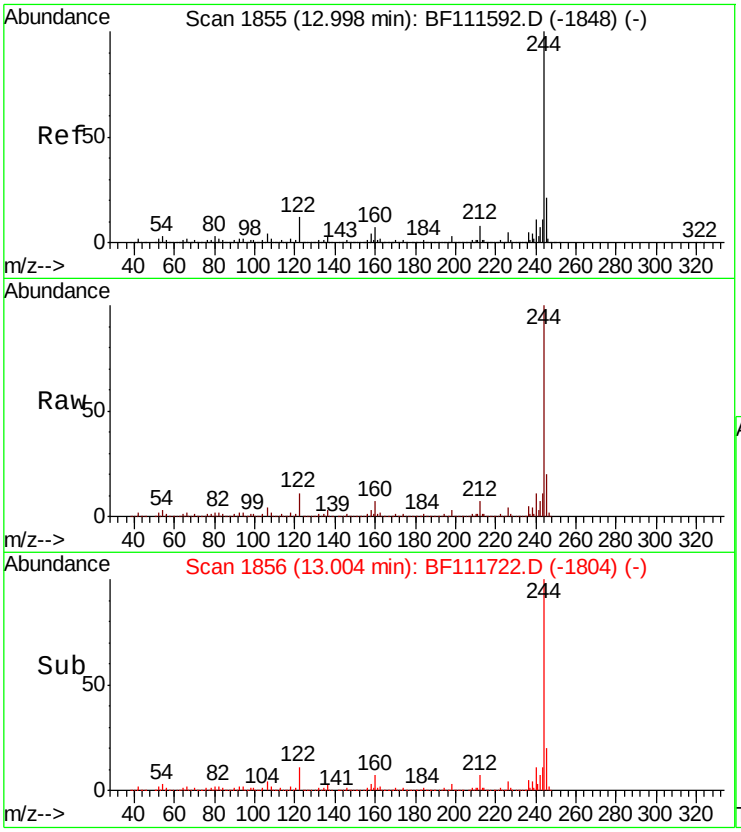


#78
Pyrene
Concen: 8.443 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Tgt Ion:202 Resp: 322568

Ion	Ratio	Lower	Upper
202	100		
200	21.1	19.0	28.4
203	17.5	15.2	22.8



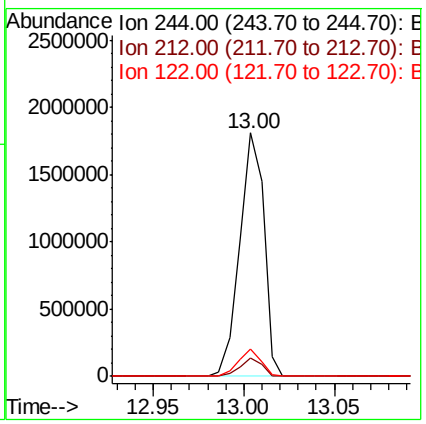


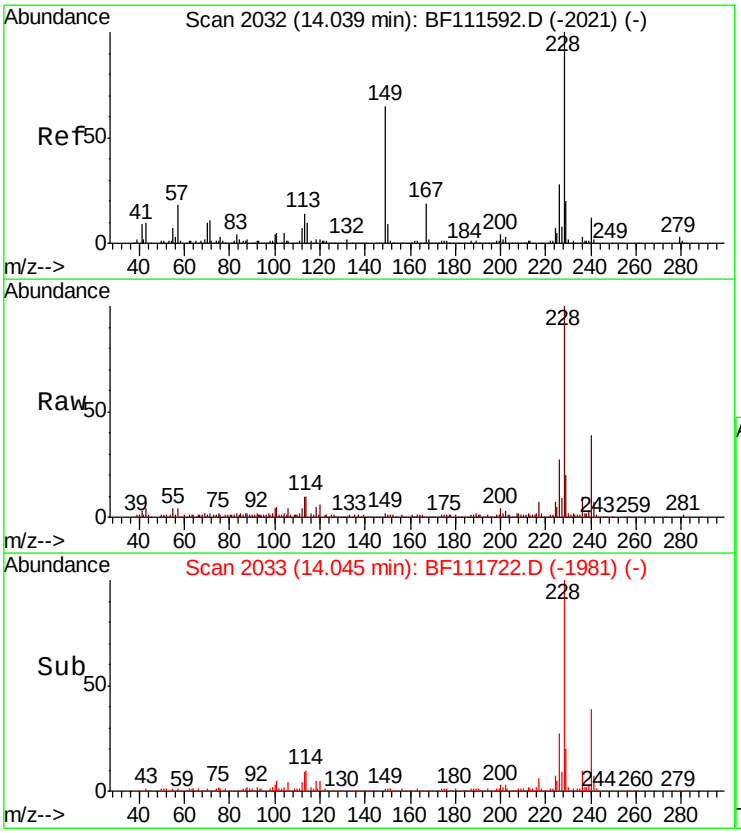
#79
Terphenyl-d14
Concen: 58.954 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1681817

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	11.0	13.1	19.7#

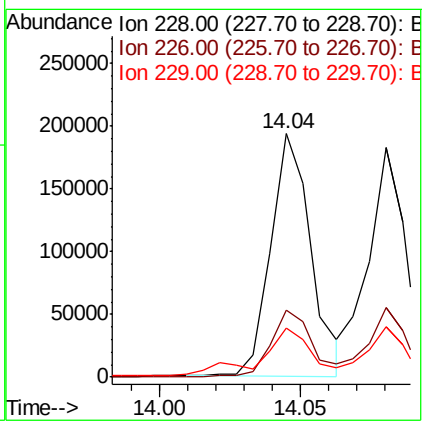


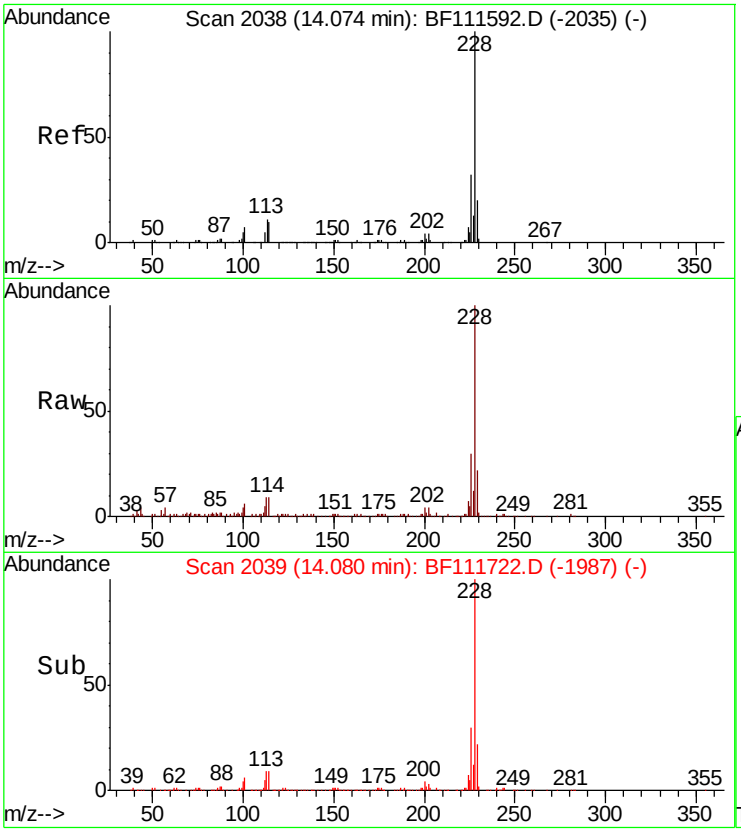


#81
Benzo(a)anthracene
Concen: 6.180 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Tgt Ion:228 Resp: 190807

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	34.0
229	20.2	16.3	24.5



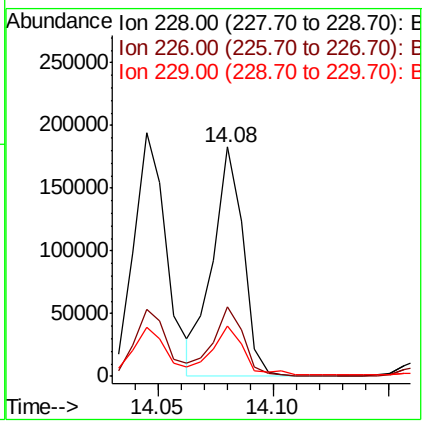


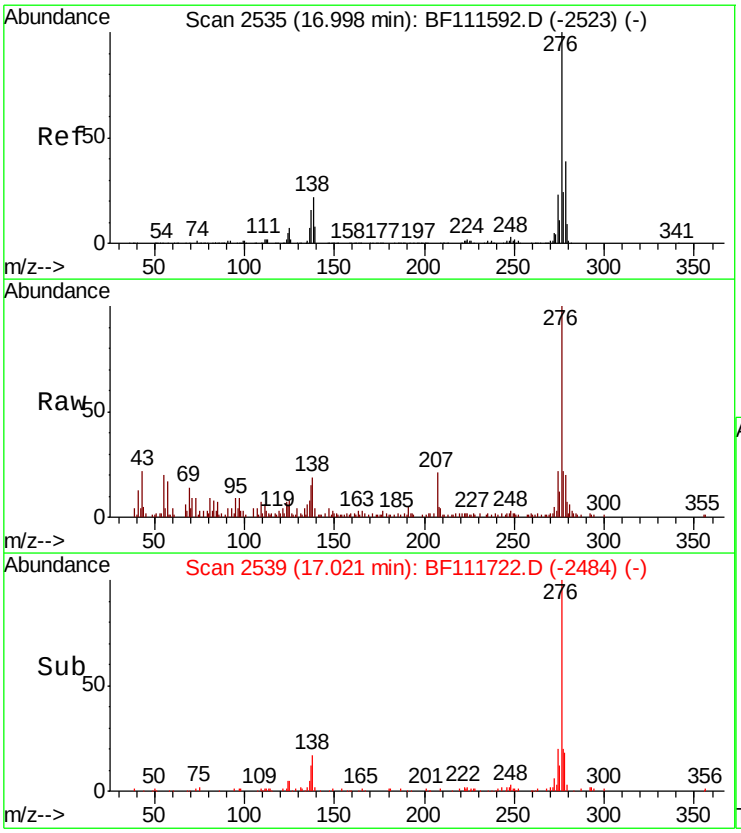
#83
Chrysene
Concen: 5.490 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 166609

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.3	37.9
229	22.0	17.2	25.8

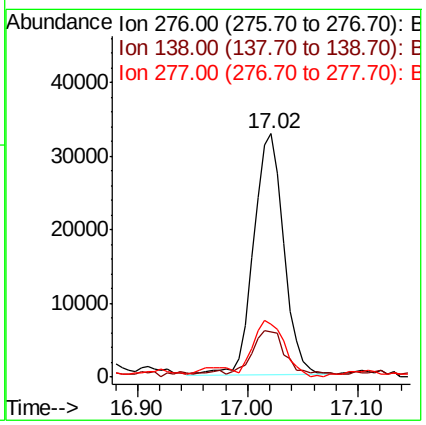


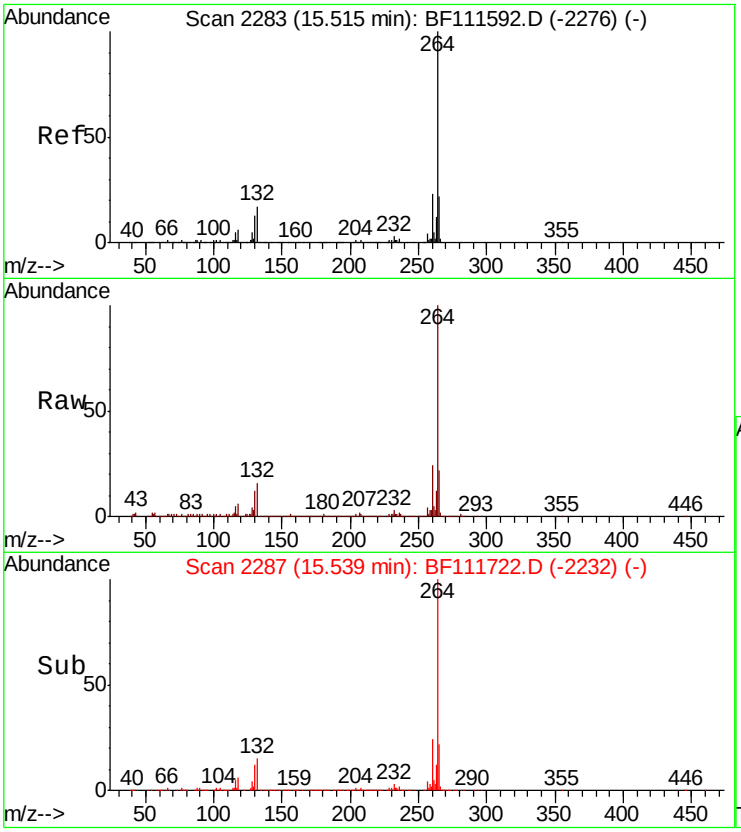


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.439 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.02 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Tgt Ion:276 Resp: 62918

Ion	Ratio	Lower	Upper
276	100		
138	19.8	27.8	41.6#
277	24.5	20.1	30.1



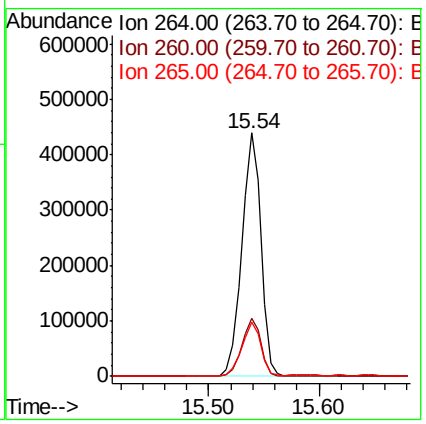


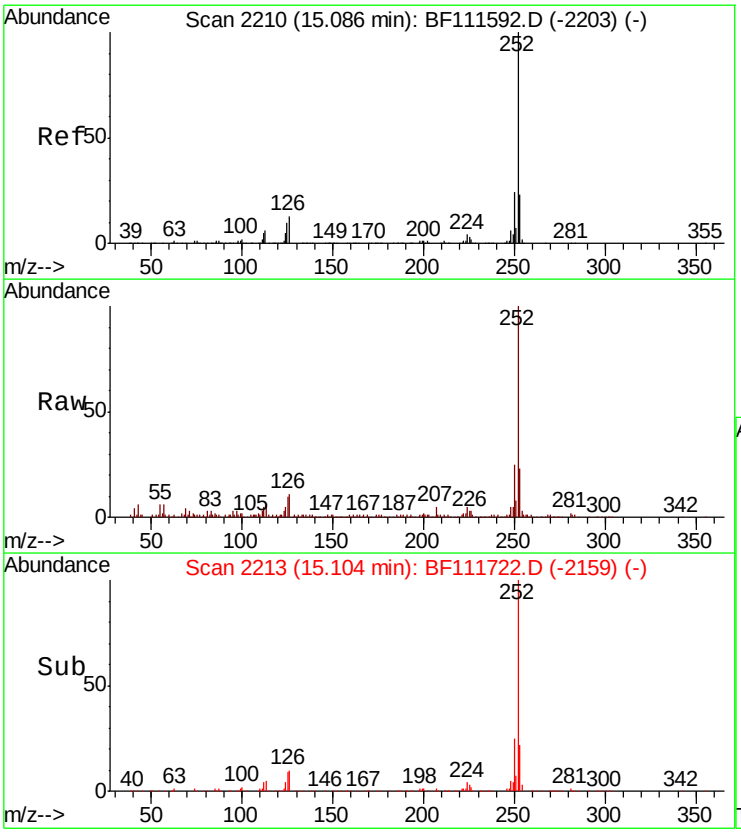
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 536730

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	22.0	17.7	26.5

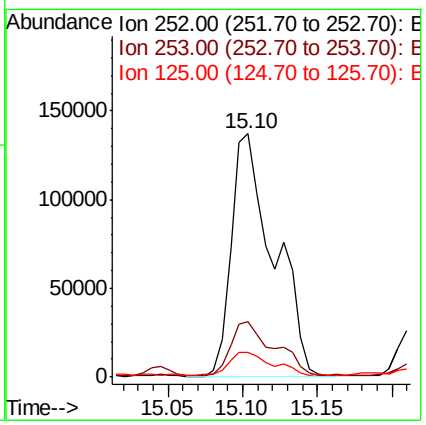


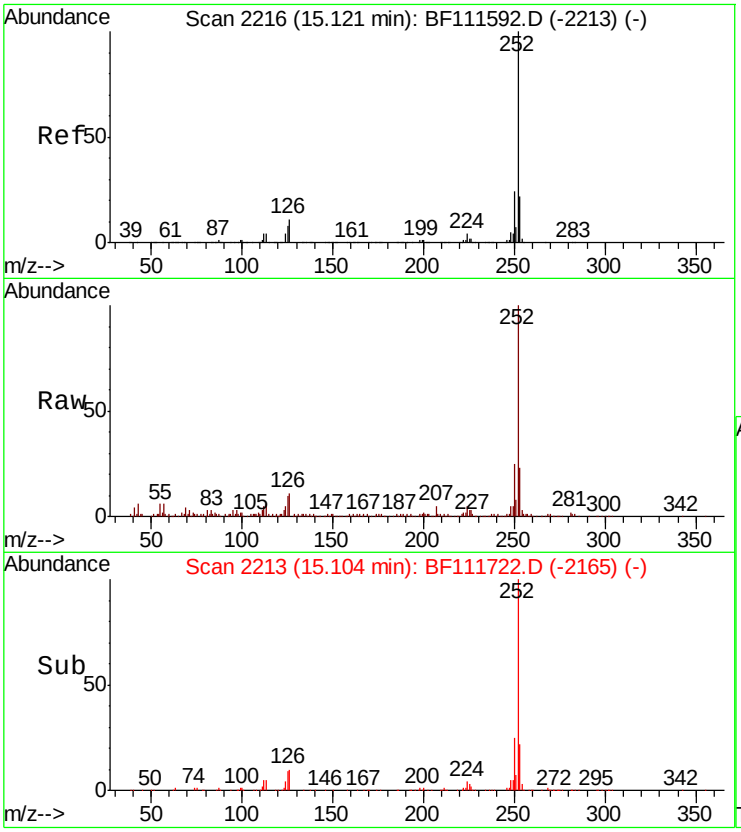


#88
Benzo(b)fluoranthene
Concen: 8.605 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.02 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Tgt Ion:252 Resp: 269921

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	10.1	10.4	15.6#



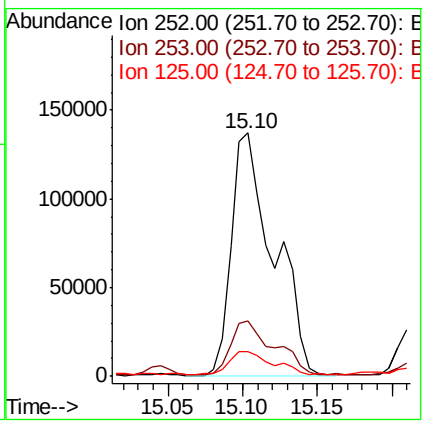


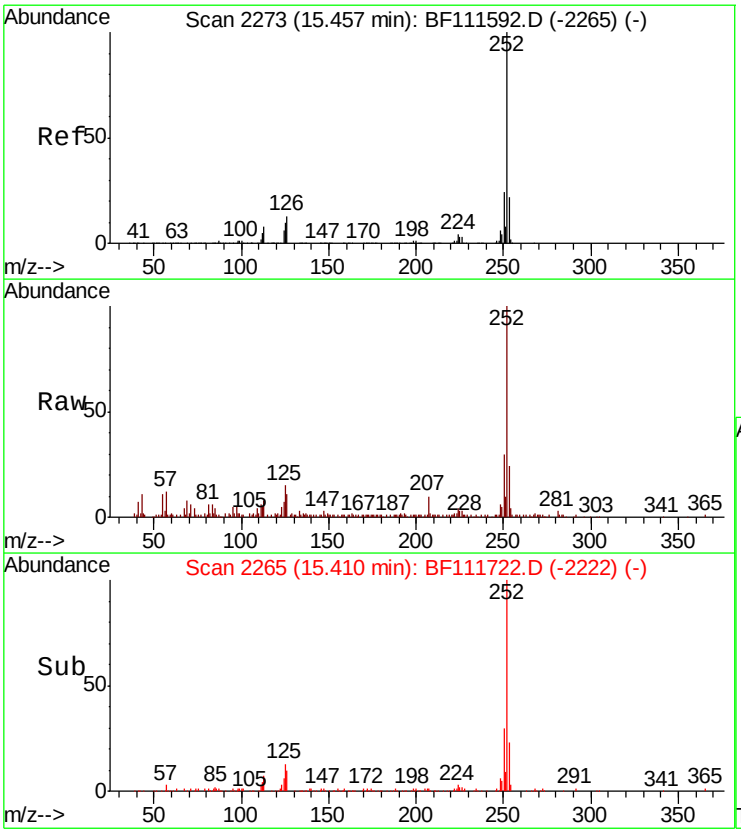
#89
Benzo(k)fluoranthene
Concen: 9.038 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 269921

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	10.1	9.8	14.8





#90
Benzo(a)pyrene
Concen: 3.233 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.05 min
Lab File: BF111722.D
Acq: 26 Dec 2018 19:14

Tgt Ion:252 Resp: 92144

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.8
125	14.6	12.3	18.5