Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
Data File : BF111683.D
Acq On : 21 Dec 2018 13:16
Operator : JU/SJ
Sample : J6378-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS001-0006-01

Quant Time: Dec 21 22:32:49 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	191387	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	742376	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	366408	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	624286	20.00	ng		0.00
76) Chrysene-d12	14.05	240	452405	20.00	ng		0.00
87) Perylene-d12	15.53	264	408662	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1272644	113.34	ng		0.00
7) Phenol-d6	6.53	99	1672992	117.08	ng		0.00
23) Nitrobenzene-d5	7.46	82	1074972	84.29	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	454154	104.90	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1662200	66.12	ng		0.00
79) Terphenyl-d14	13.00	244	1217246	51.03	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.53	94	104061	6.454	ng		92
19) n-Nitroso-di-n-propylamine	7.46	70	148647	15.664	ng	#	76
25) Isophorone	7.46	82	1074959	47.477	ng	#	64
50) Dimethylphthalate	9.64	163	117604	4.389	ng		98
51) 2,6-Dinitrotoluene	9.93	165	47596	8.908	ng	#	29
57) 2,4-Dinitrotoluene	9.93	165	47596	7.412	ng	#	25
65) 4,6-Dinitro-2-methylphenol	10.72	198	839	6.973	ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	27909	3.604	ng	#	1
75) Fluoranthene	12.62	202	89272	2.663	ng		96
78) Pyrene	12.85	202	77690	2.432	ng		96
81) Benzo(a)anthracene	14.04	228	86430	3.348	ng		99
83) Chrysene	14.07	228	98573	3.885	ng		95
86) Indeno(1,2,3-cd)pyrene	17.00	276	77509	3.593	ng	#	88
88) Benzo(b)fluoranthene	15.09	252	243902	10.212	ng	#	96
89) Benzo(k)fluoranthene	15.40	252	84847	3.731	ng		98
90) Benzo(a)pyrene	15.40	252	89313	4.116	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
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Misc :
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QLast Update : Wed Dec 19 17:39:39 2018
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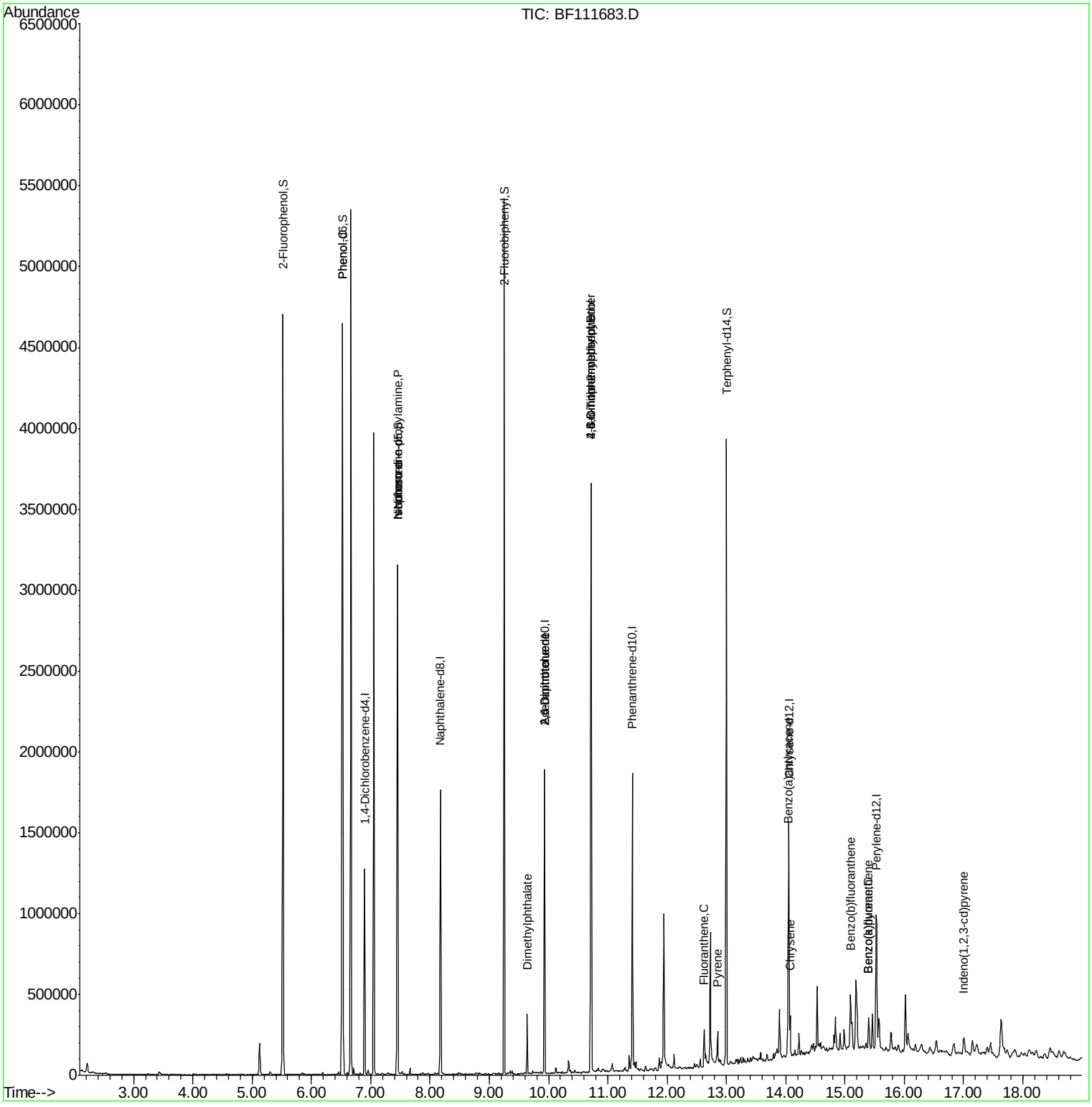
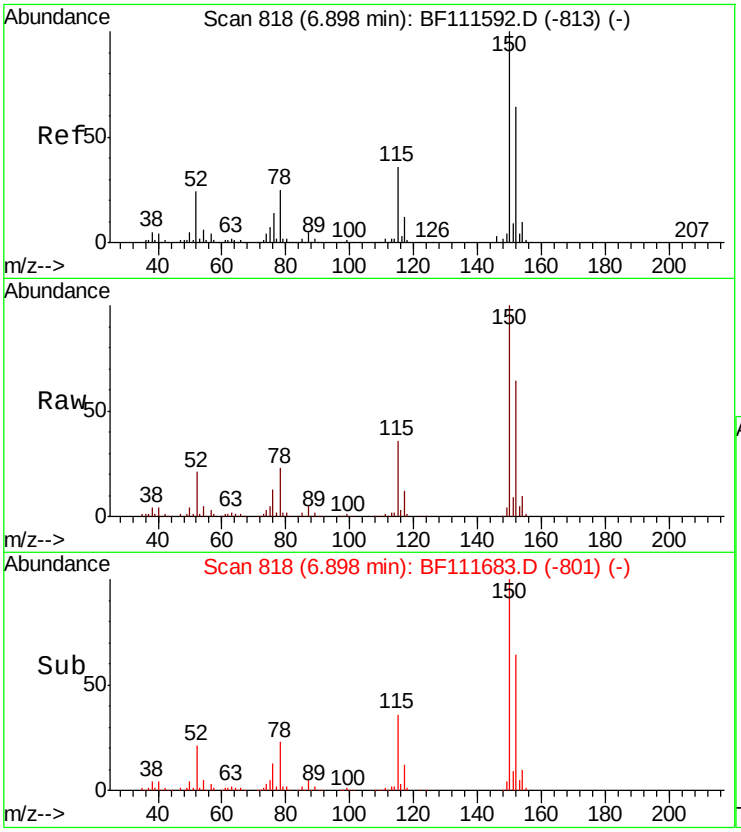


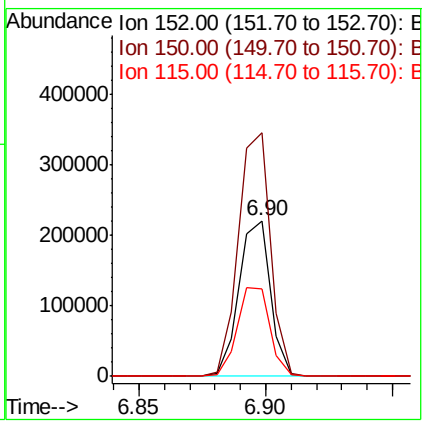


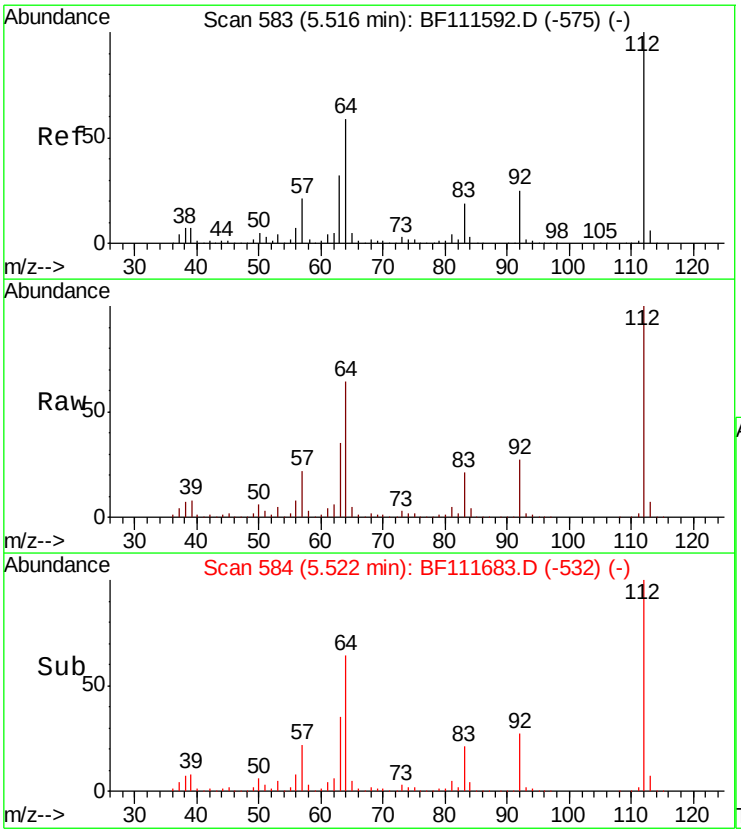
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0006-01

Tgt Ion:152 Resp: 191387

Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.6	189.8
115	55.9	50.7	76.1

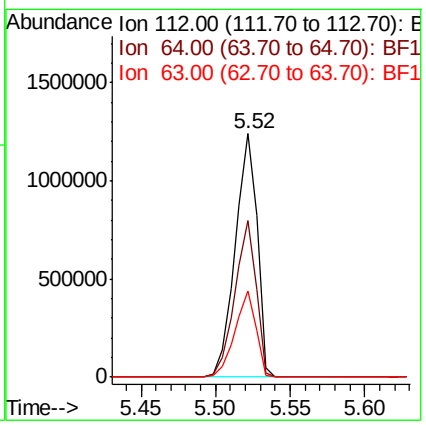


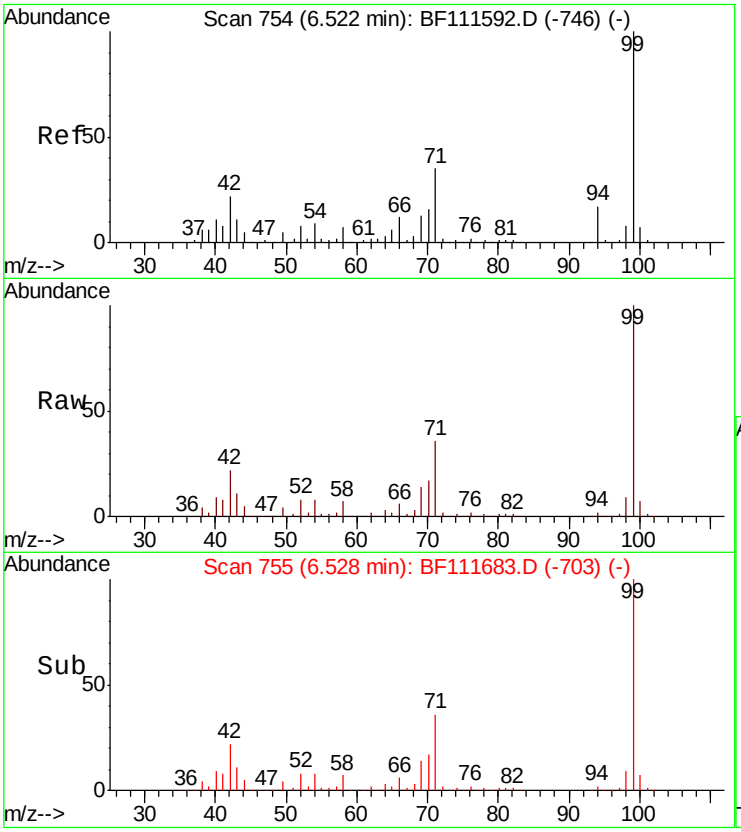


#5
2-Fluorophenol
Concen: 113.344 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Tgt Ion:112 Resp: 1272644

Ion	Ratio	Lower	Upper
112	100		
64	64.2	51.8	77.6
63	35.3	26.8	40.2



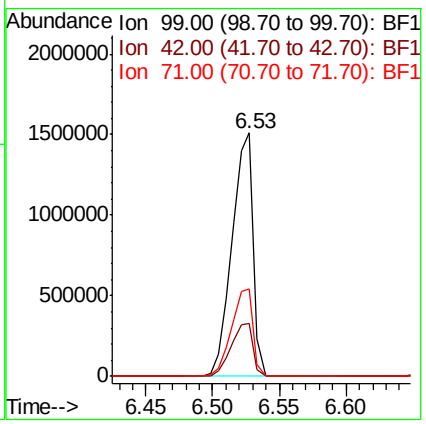


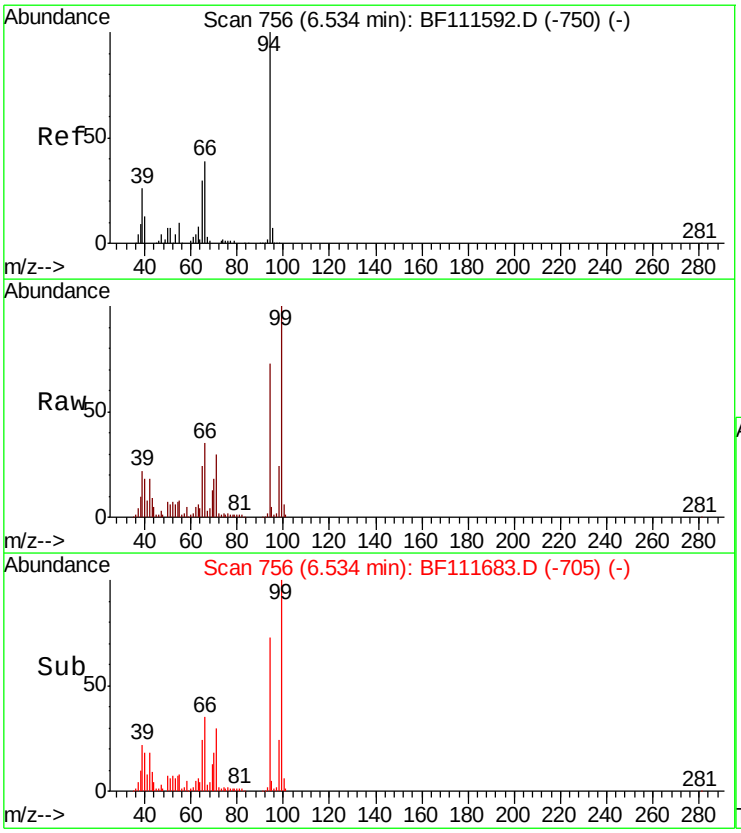
#7
Phenol-d6
Concen: 117.079 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0006-01

Tgt Ion: 99 Resp: 1672992

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.4	26.0
71	35.9	26.1	39.1

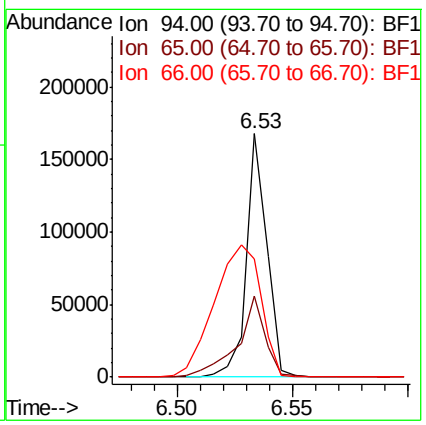


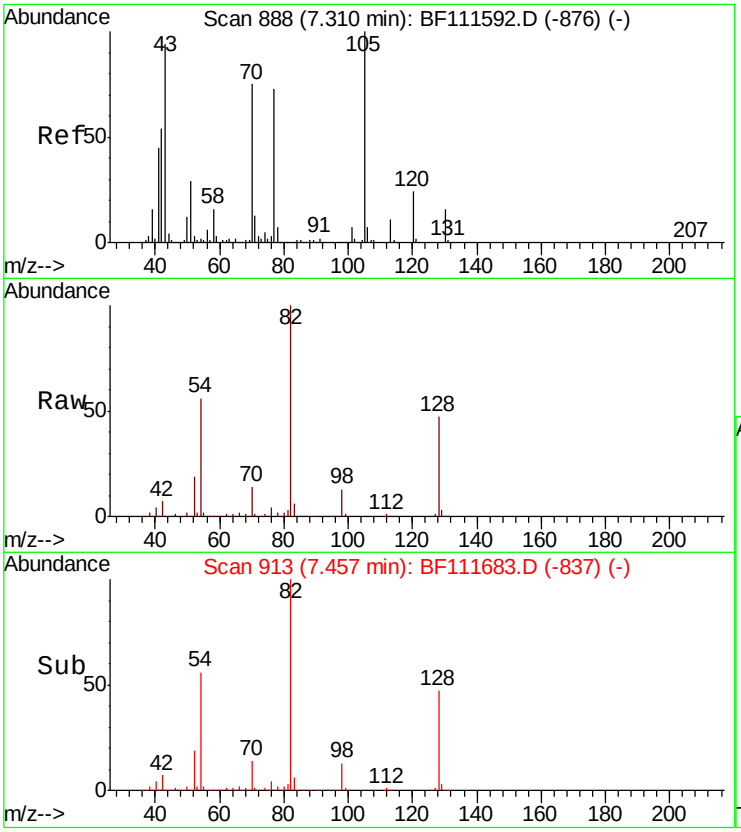


#10
Phenol
Concen: 6.454 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Tgt Ion: 94 Resp: 104061

Ion	Ratio	Lower	Upper
94	100		
65	33.5	11.7	51.7
66	48.3	21.0	61.0



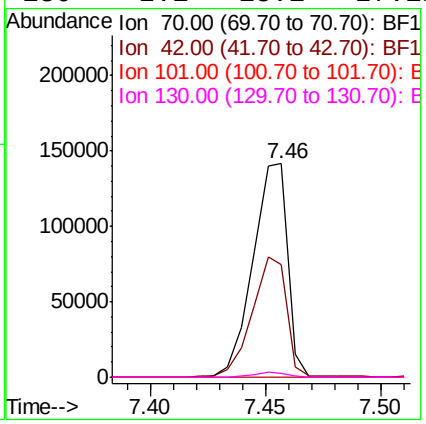


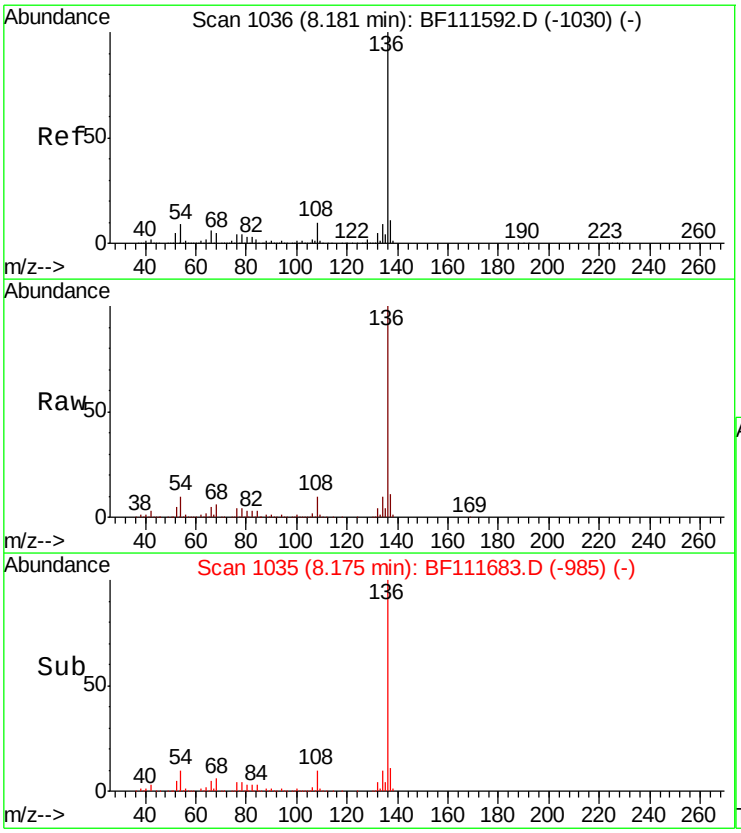
#19
n-Nitroso-di-n-propylamine
Concen: 15.664 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0006-01

Tgt Ion: 70 Resp: 148647

Ion	Ratio	Lower	Upper
70	100		
42	52.7	53.2	79.8#
101	0.0	8.2	12.4#
130	2.1	18.1	27.1#

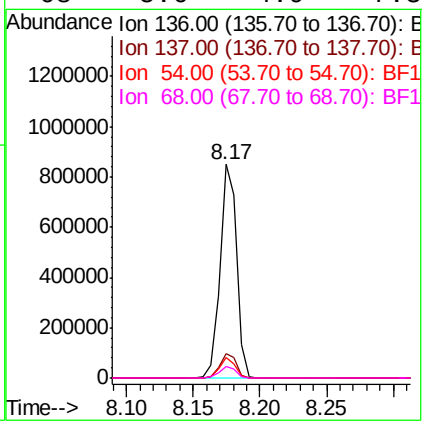


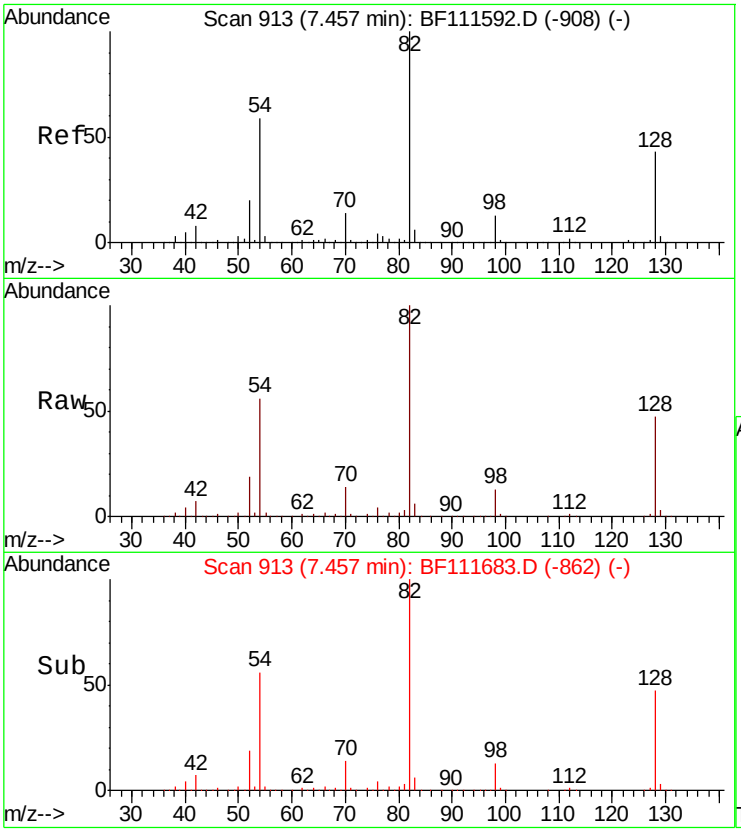


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Tgt Ion:136 Resp: 742376

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.6	7.7	11.5
68	5.6	4.9	7.3



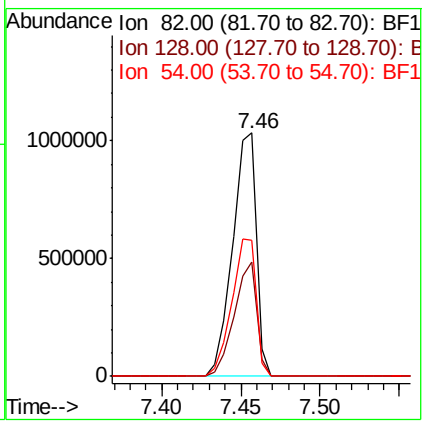


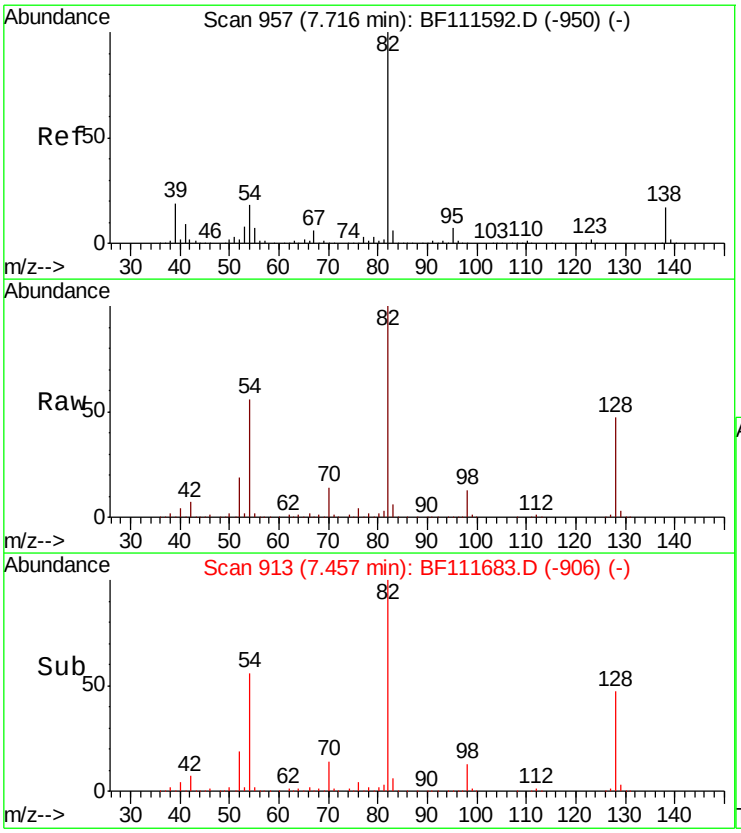
#23
Nitrobenzene-d5
Concen: 84.286 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0006-01

Tgt Ion: 82 Resp: 1074972

Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.4	56.2
54	55.8	47.6	71.4

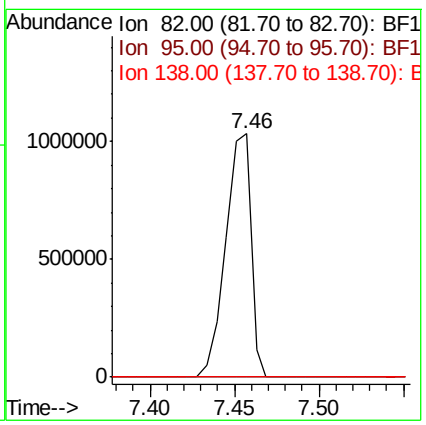


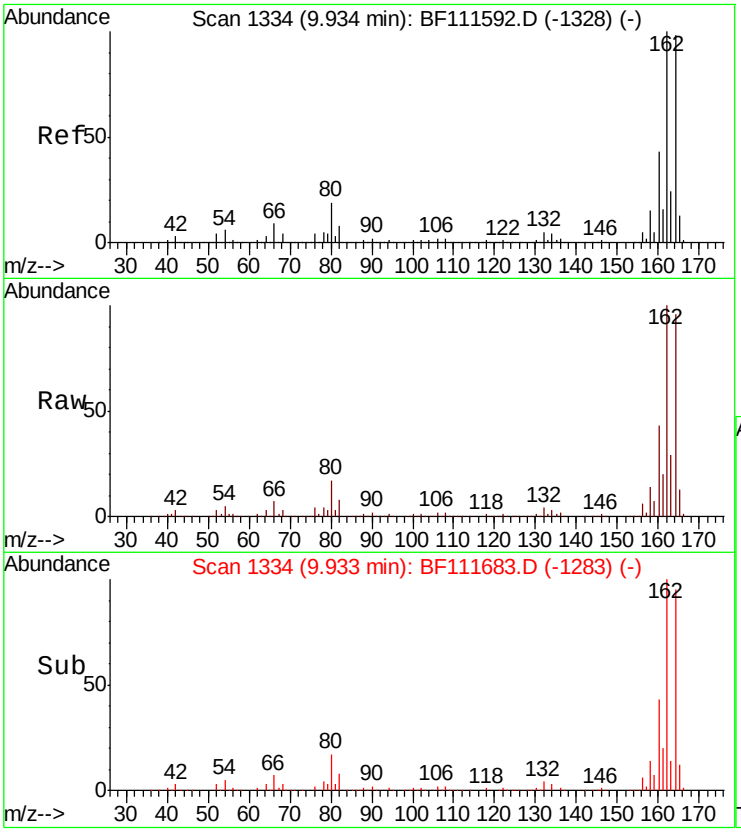


#25
Isophorone
Concen: 47.477 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Tgt Ion: 82 Resp: 1074959

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



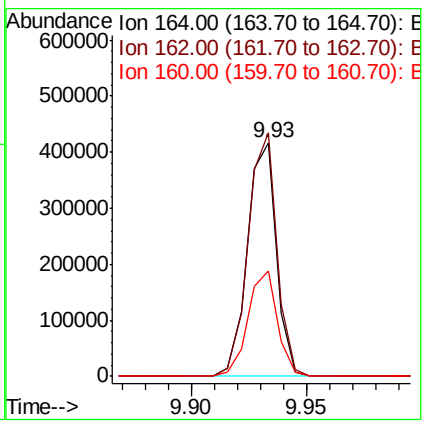


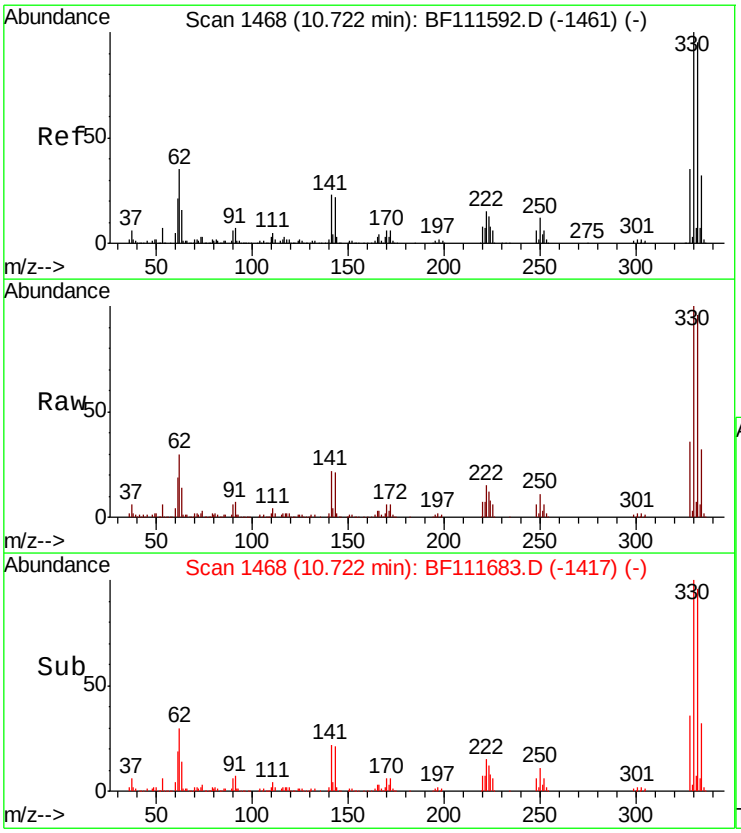
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0006-01

Tgt Ion:164 Resp: 366408

Ion	Ratio	Lower	Upper
164	100		
162	104.3	81.4	122.0
160	44.9	35.7	53.5

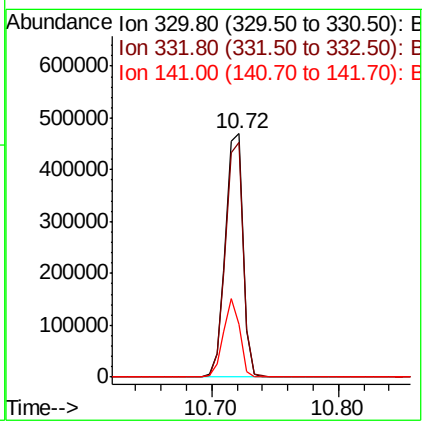


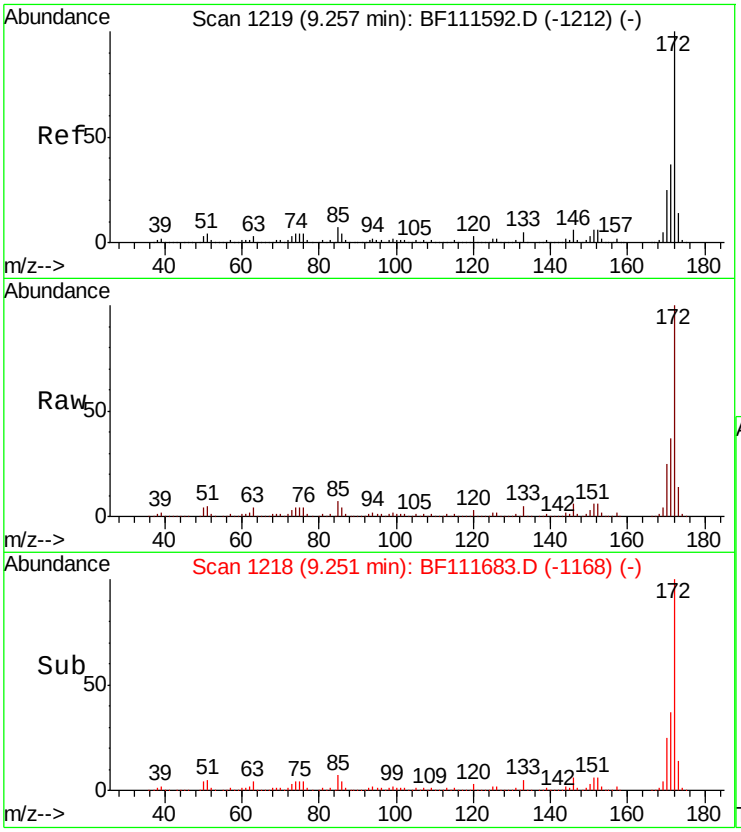


#42
2,4,6-Tribromophenol
Concen: 104.900 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Tgt Ion:330 Resp: 454154

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.0	114.0
141	29.9	31.0	46.6#



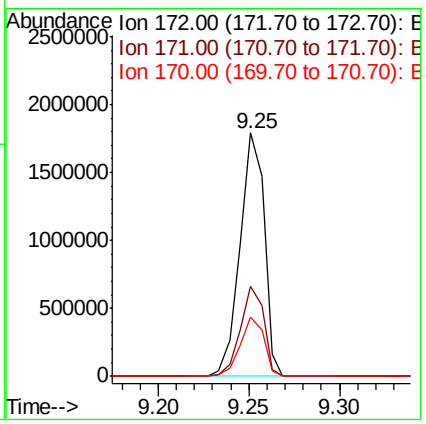


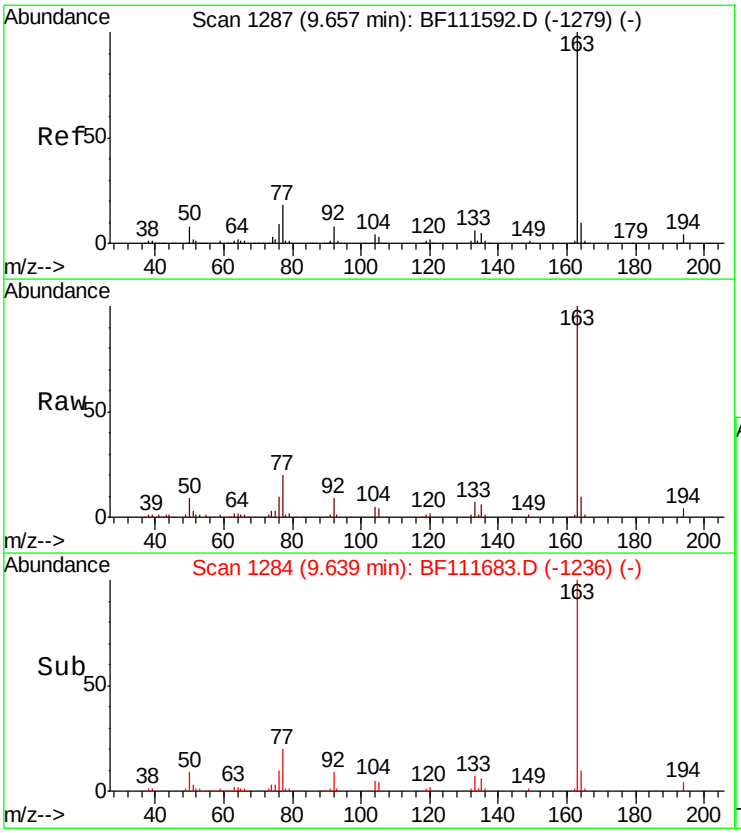
#45
2-Fluorobiphenyl
Concen: 66.123 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0006-01

Tgt Ion:172 Resp: 1662200

Ion	Ratio	Lower	Upper
172	100		
171	37.1	33.0	49.4
170	24.6	22.3	33.5

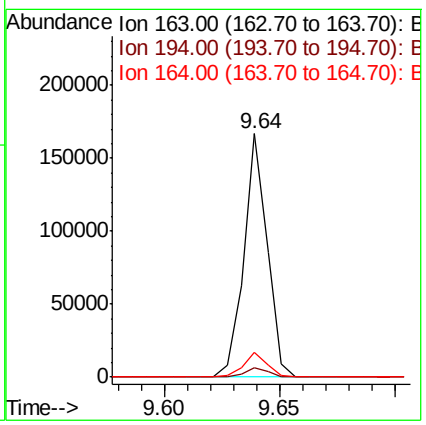


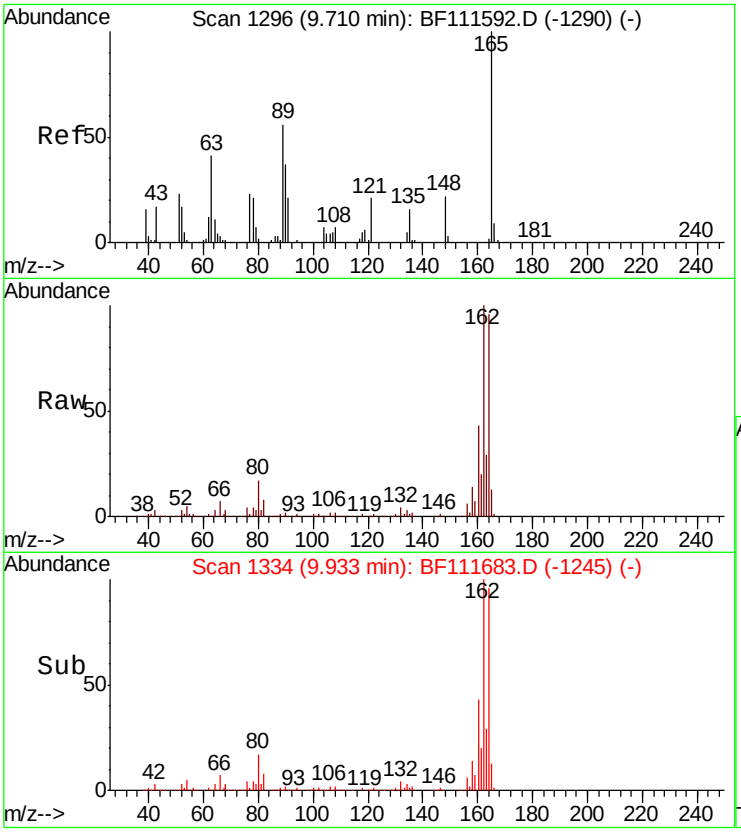


#50
Dimethylphthalate
Concen: 4.389 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Tgt Ion:163 Resp: 117604

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.2	8.9	13.3



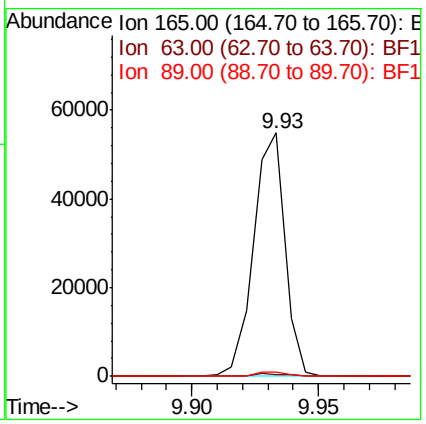


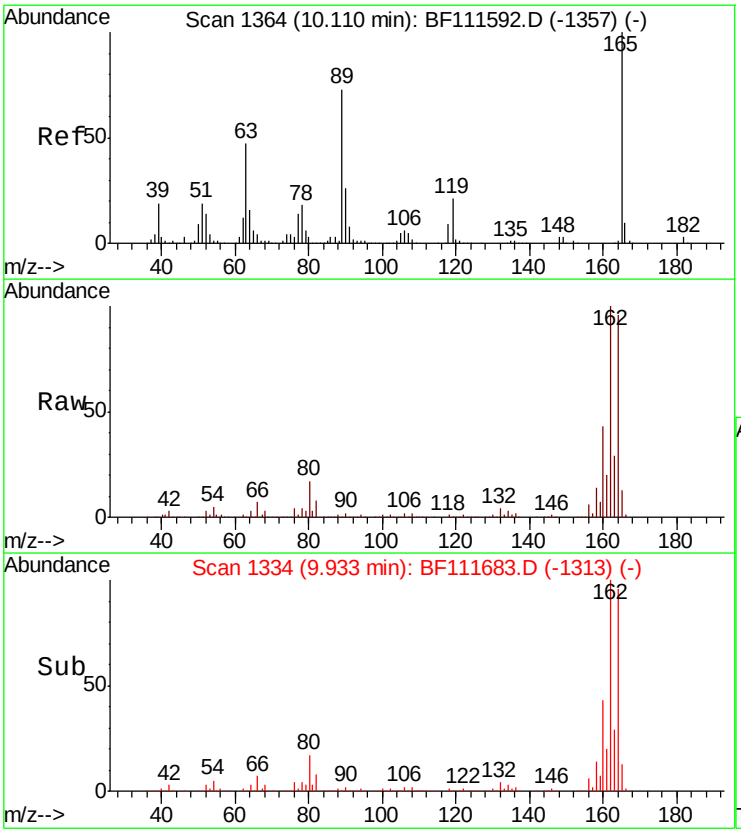
#51
2,6-Dinitrotoluene
Concen: 8.908 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0006-01

Tgt Ion:165 Resp: 47596

Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.5	60.7#
89	1.7	40.0	60.0#

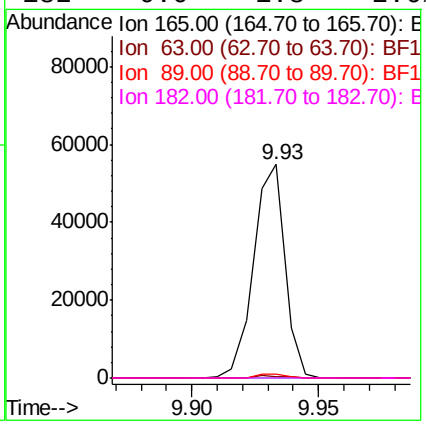


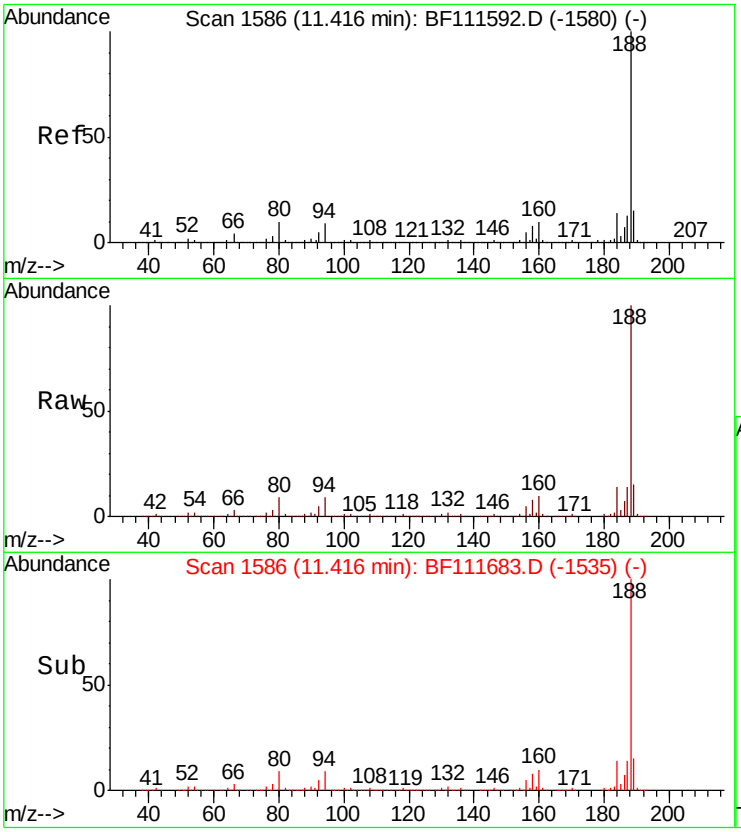


#57
2,4-Dinitrotoluene
Concen: 7.412 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Tgt Ion:165 Resp: 47596

Ion	Ratio	Lower	Upper
165	100		
63	0.8	34.6	52.0#
89	1.7	56.2	84.4#
182	0.0	1.8	2.6#



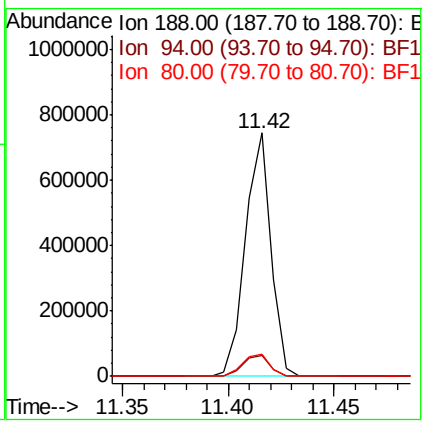


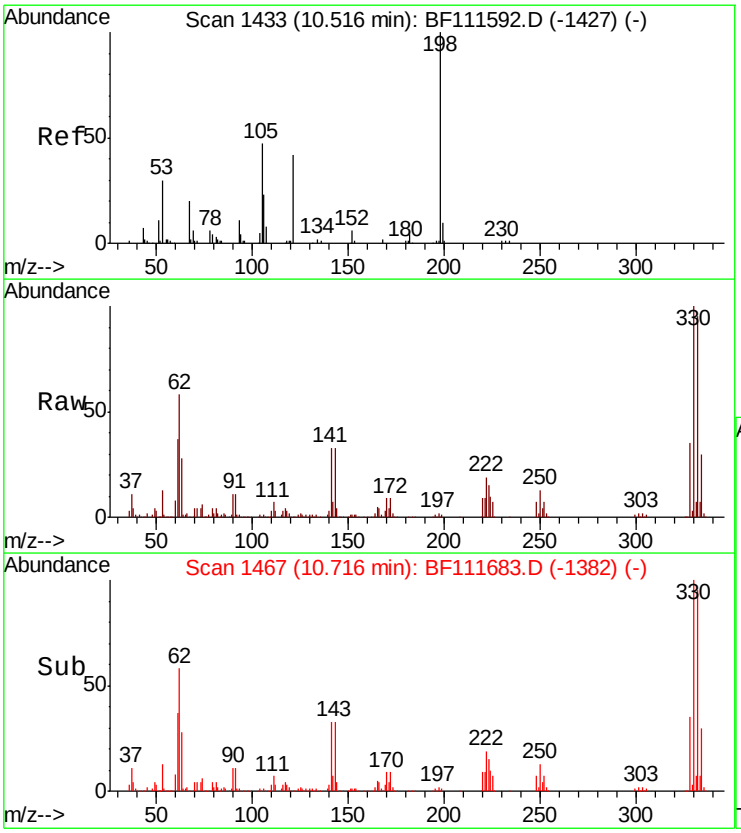
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0006-01

Tgt Ion:188 Resp: 624286

Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.6	14.4#
80	9.3	9.8	14.6#

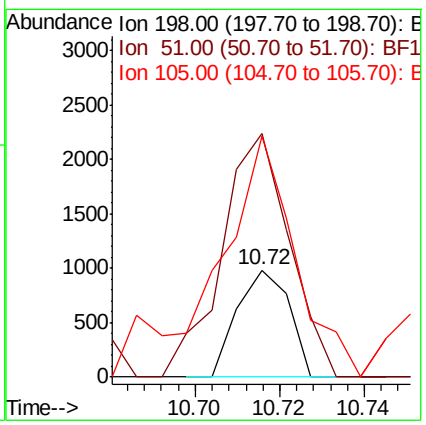


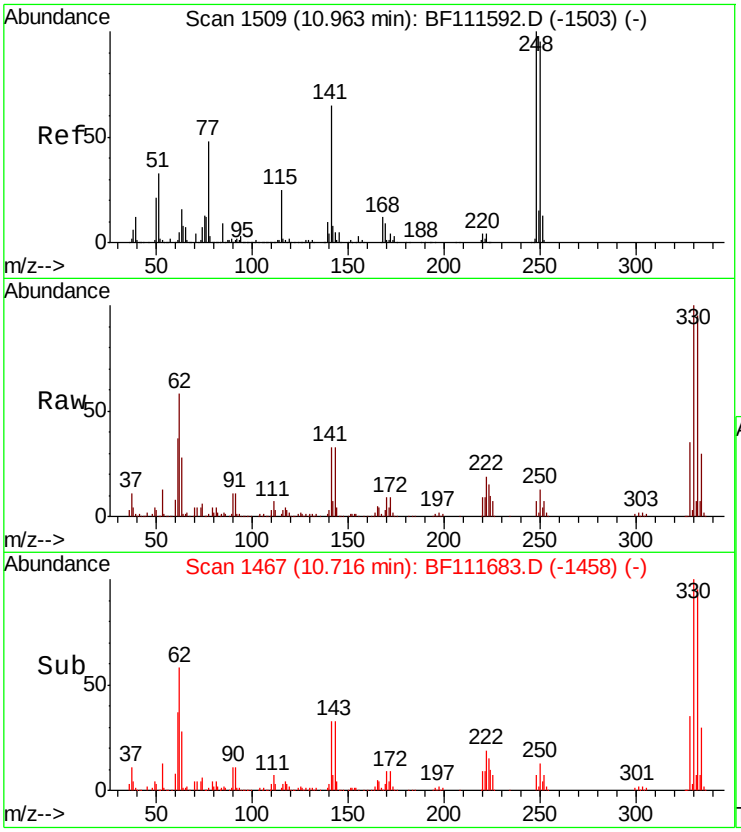


#65
4,6-Dinitro-2-methylphenol
Concen: 6.973 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Tgt Ion:198 Resp: 839

Ion	Ratio	Lower	Upper
198	100		
51	227.3	48.0	88.0#
105	224.6	34.0	74.0#



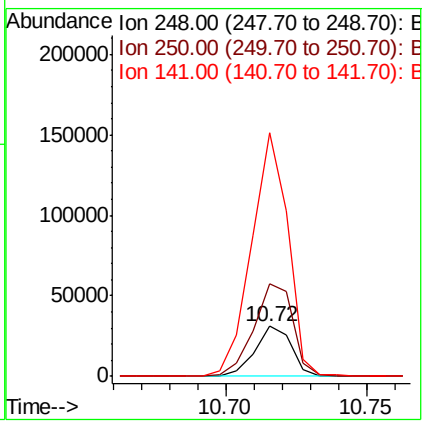


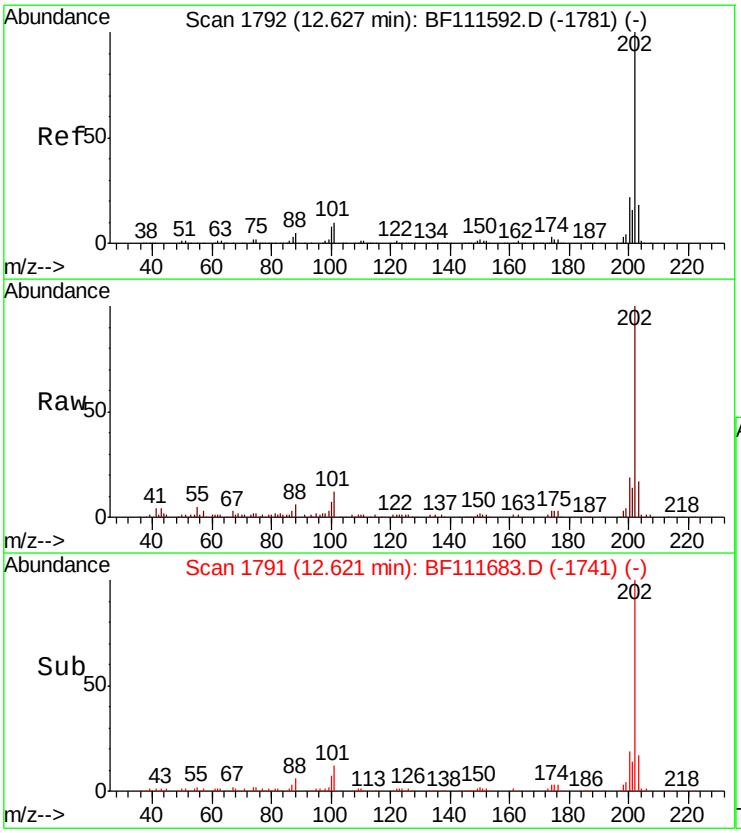
#67
4-Bromophenyl-phenylether
Concen: 3.604 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0006-01

Tgt Ion:248 Resp: 27909

Ion	Ratio	Lower	Upper
248	100		
250	184.4	77.0	115.4#
141	485.3	63.0	94.6#

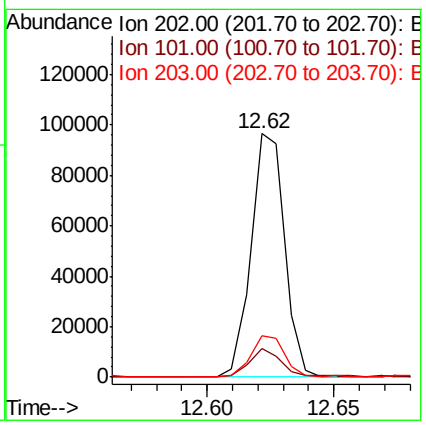


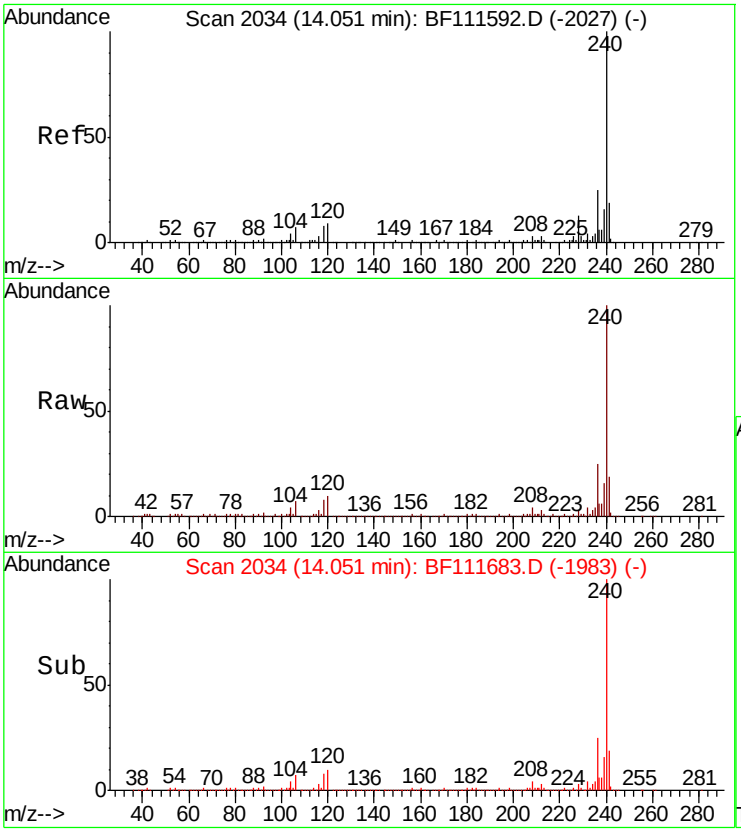


#75
Fluoranthene
Concen: 2.663 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Tgt Ion:202 Resp: 89272

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	33.8
203	16.8	0.0	38.6



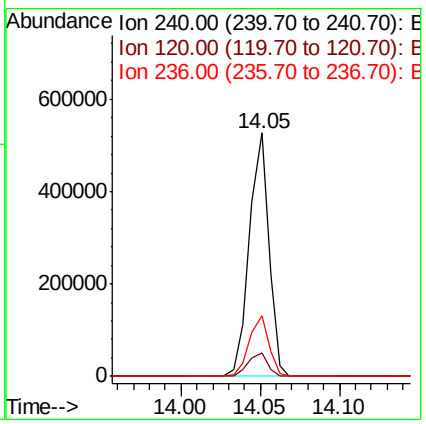


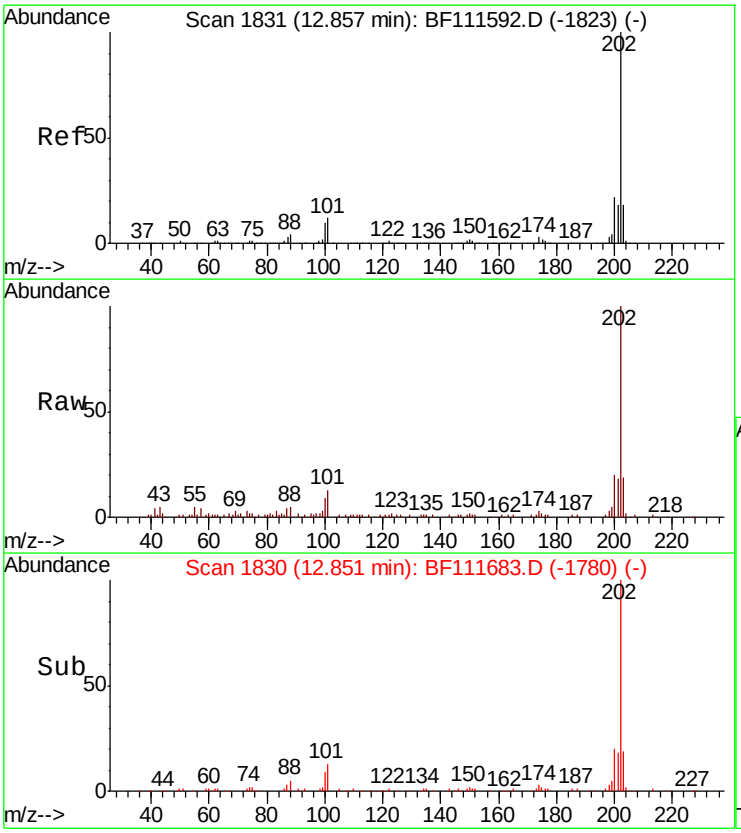
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0006-01

Tgt Ion:240 Resp: 452405

Ion	Ratio	Lower	Upper
240	100		
120	9.7	12.2	18.2#
236	25.1	20.2	30.2

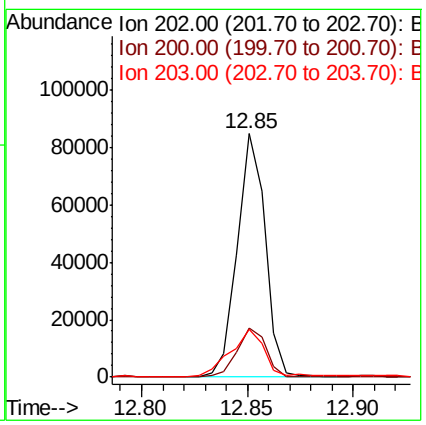


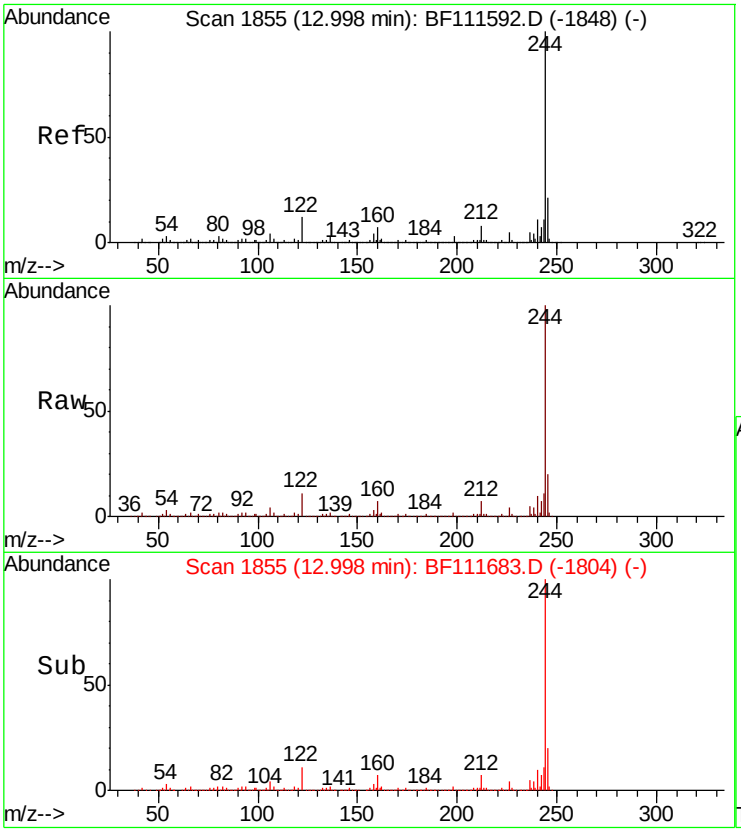


#78
Pyrene
Concen: 2.432 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Tgt Ion:202 Resp: 77690

Ion	Ratio	Lower	Upper
202	100		
200	20.3	19.0	28.4
203	19.5	15.2	22.8



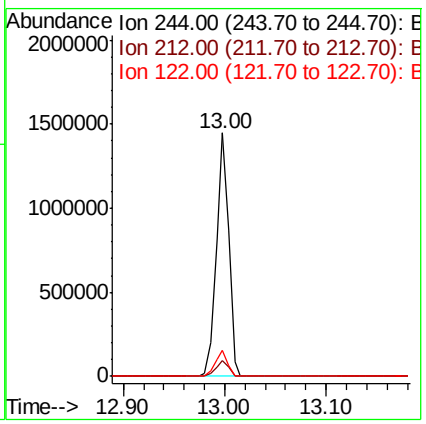


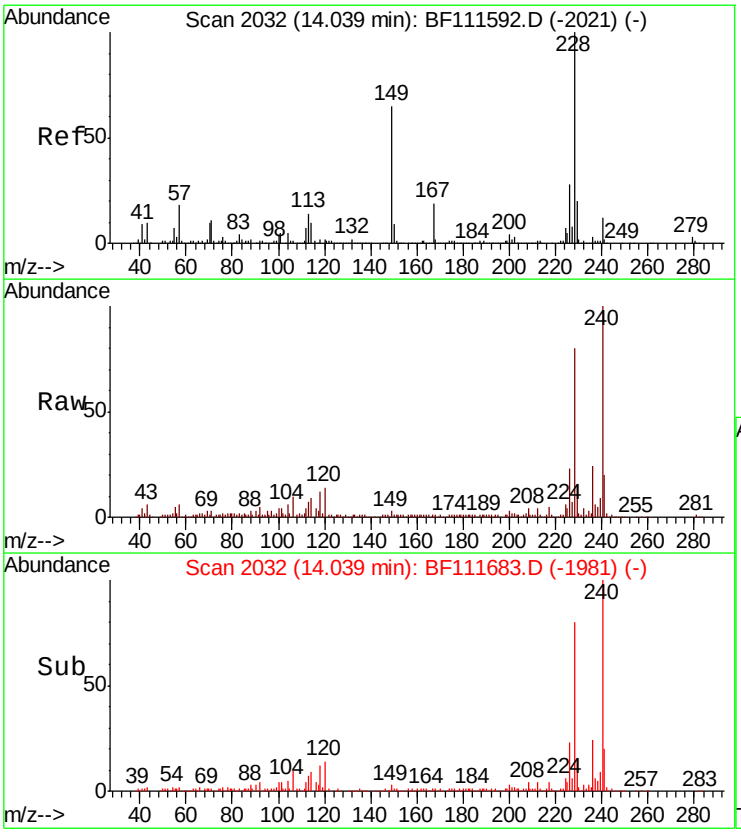
#79
Terphenyl-d14
Concen: 51.025 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0006-01

Tgt Ion:244 Resp: 1217246

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	10.7	13.1	19.7#

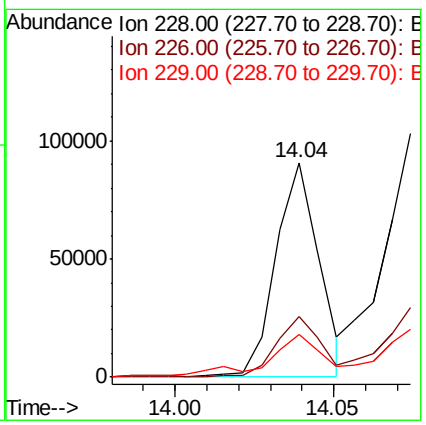


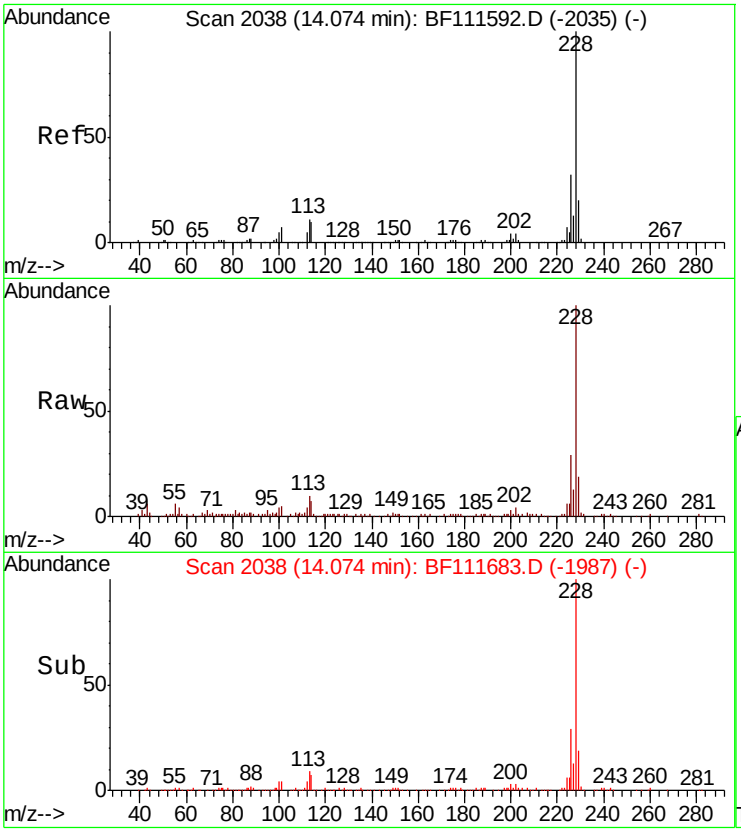


#81
Benzo(a)anthracene
Concen: 3.348 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Tgt Ion:228 Resp: 86430

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	34.0
229	19.8	16.3	24.5



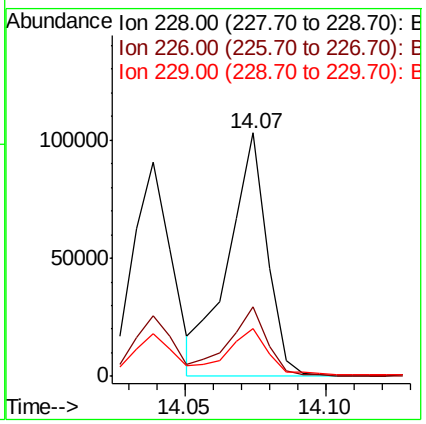


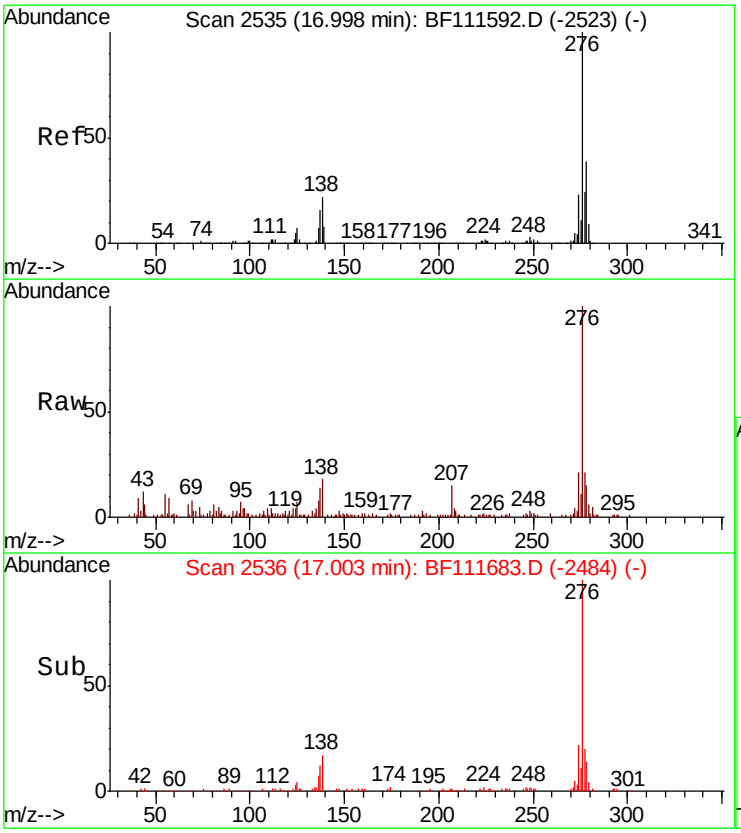
#83
Chrysene
Concen: 3.885 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0006-01

Tgt Ion:228 Resp: 98573

Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.3	37.9
229	19.4	17.2	25.8

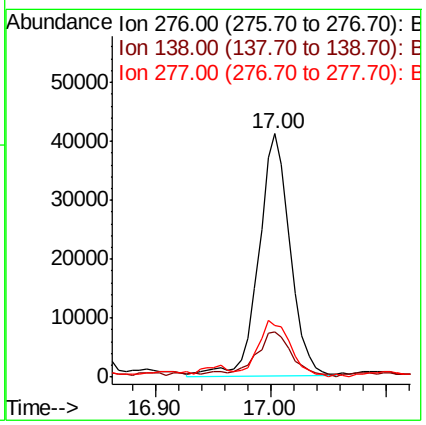


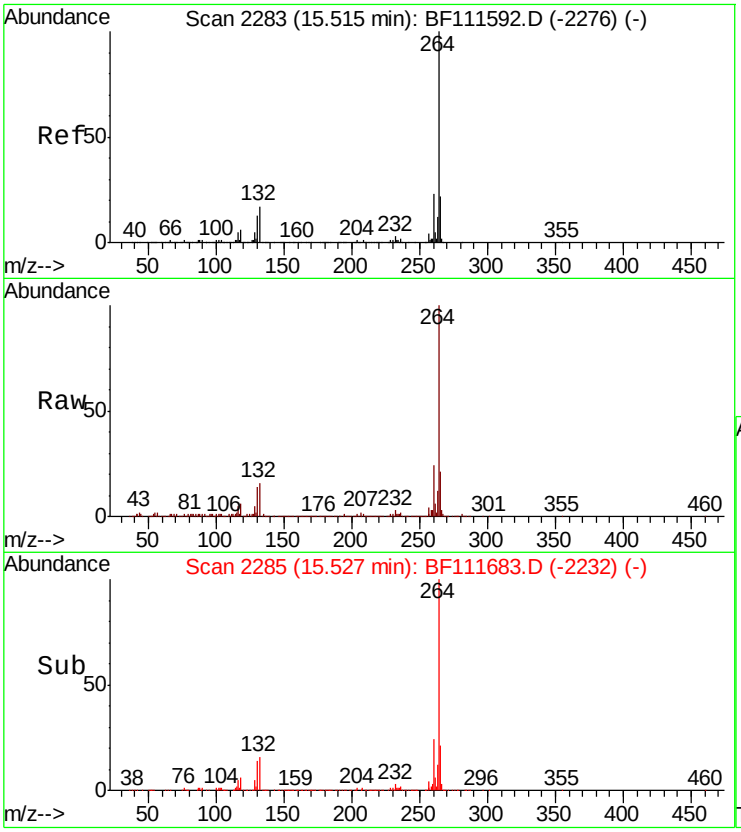


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.593 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Tgt Ion:276 Resp: 77509

Ion	Ratio	Lower	Upper
276	100		
138	23.0	27.8	41.6#
277	24.7	20.1	30.1



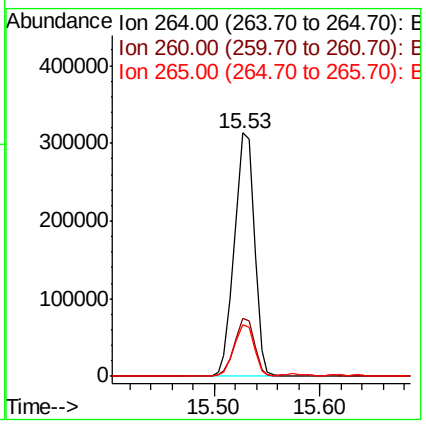


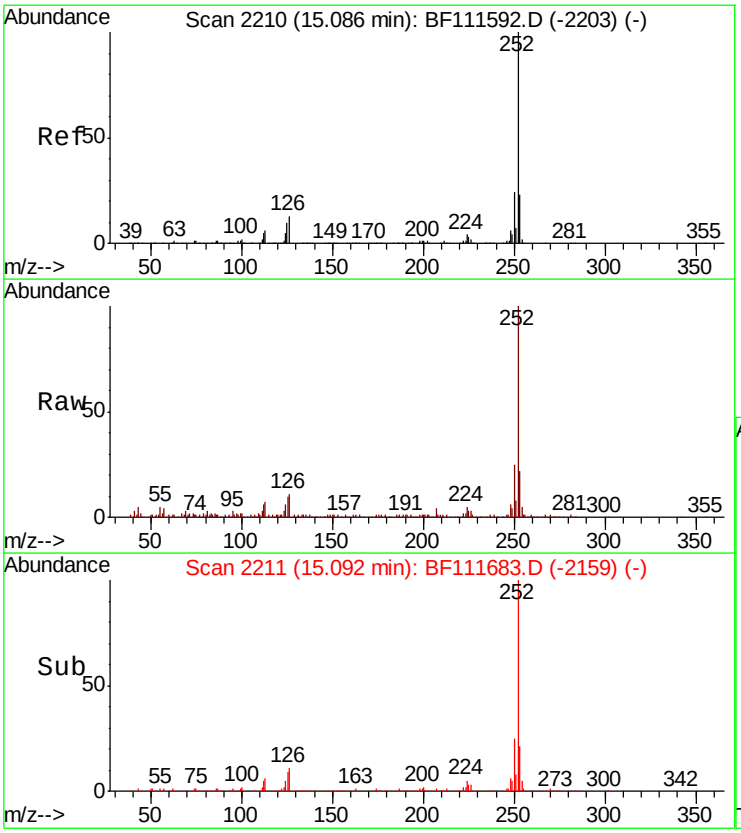
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0006-01

Tgt Ion:264 Resp: 408662

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.3	27.5
265	21.0	17.7	26.5

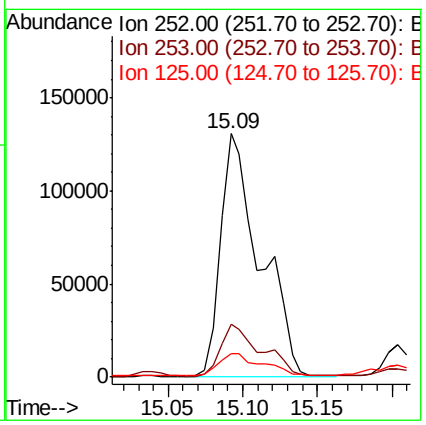


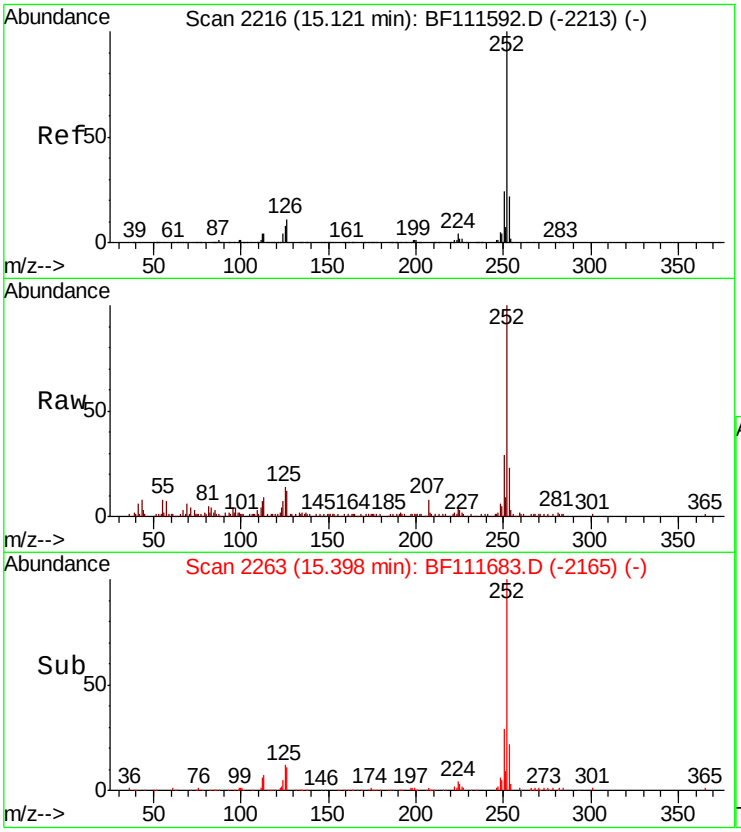


#88
Benzo(b)fluoranthene
Concen: 10.212 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Tgt Ion:252 Resp: 243902

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	9.6	10.4	15.6#



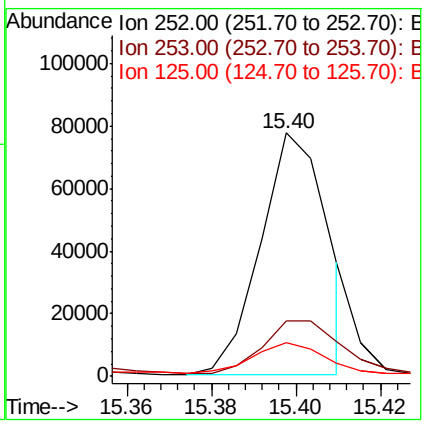


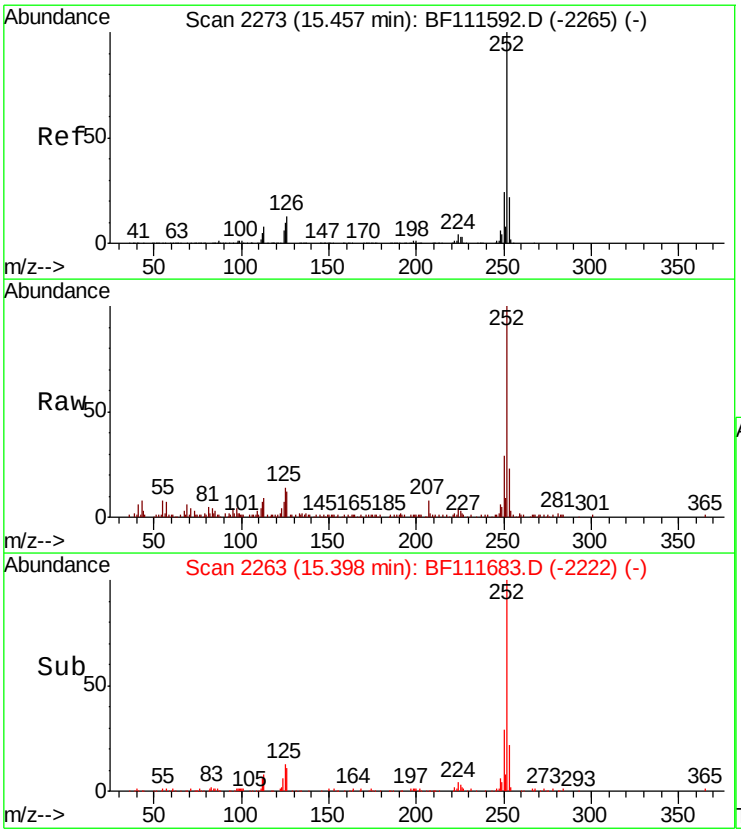
#89
Benzo(k)fluoranthene
Concen: 3.731 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.28 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0006-01

Tgt Ion:252 Resp: 84847

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	13.9	9.8	14.8





#90
Benzo(a)pyrene
Concen: 4.116 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.06 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Tgt Ion:252 Resp: 89313

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	13.9	12.3	18.5