Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
Data File : BF113111.D
Acq On : 19 Mar 2019 1:24
Operator : JU/SJ
Sample : K1947-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-025-B127-031319

Quant Time: Mar 19 06:46:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	145435	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	579394	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	280797	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	449592	20.00	ng		0.00
76) Chrysene-d12	13.87	240	337356	20.00	ng		0.00
87) Perylene-d12	15.28	264	246619	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	774657	82.86	ng		0.00
7) Phenol-d6	6.37	99	957995	81.57	ng		0.00
23) Nitrobenzene-d5	7.29	82	661155	68.28	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	240714	80.75	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1211822	67.79	ng		0.00
79) Terphenyl-d14	12.82	244	913805	52.51	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	89505	12.033	ng	#	74
25) Isophorone	7.29	82	653433	31.325	ng	#	66
37) 2-Methylnaphthalene	8.72	142	68649	3.695	ng		98
38) 1-Methylnaphthalene	8.82	142	41927	2.330	ng		97
50) Dimethylphthalate	9.48	163	110208	5.323	ng	#	98
54) 2,4-Dinitrophenol	10.06	184	603	6.768	ng	#	54
65) 4,6-Dinitro-2-methylphenol	10.55	198	477	4.846	ng	#	1
67) 4-Bromophenyl-phenylether	10.55	248	13741	2.902	ng	#	1

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
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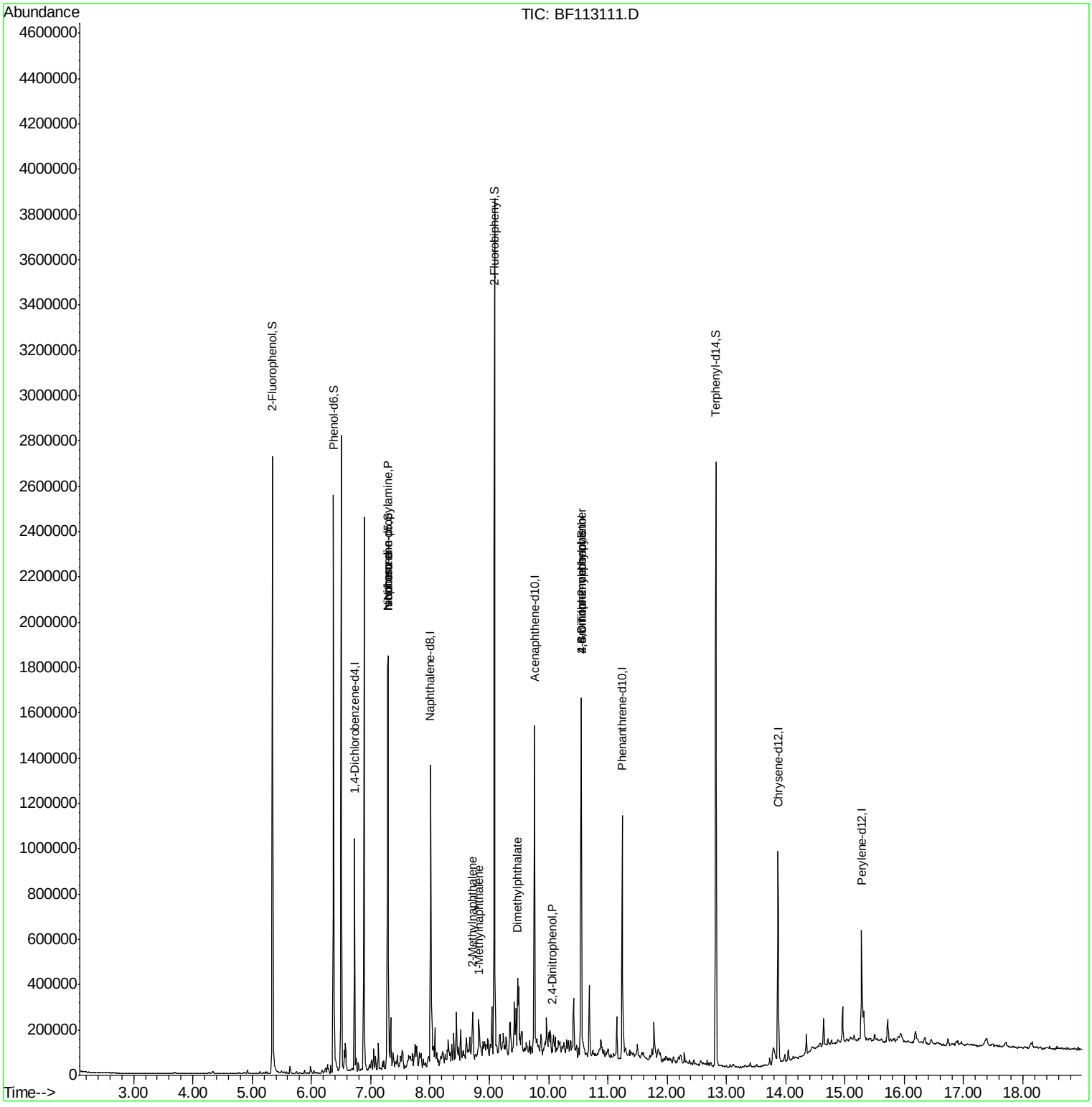
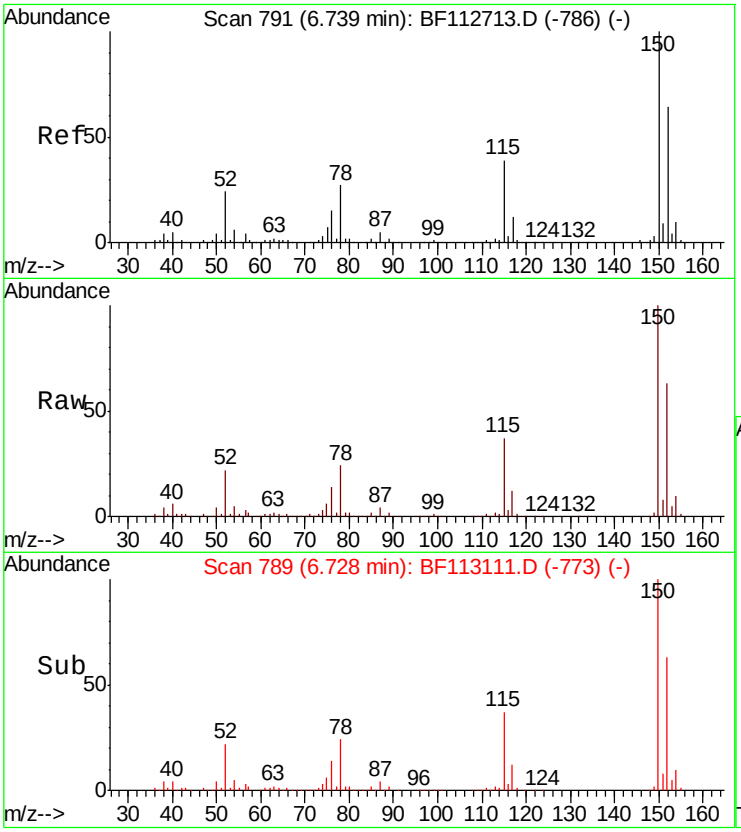


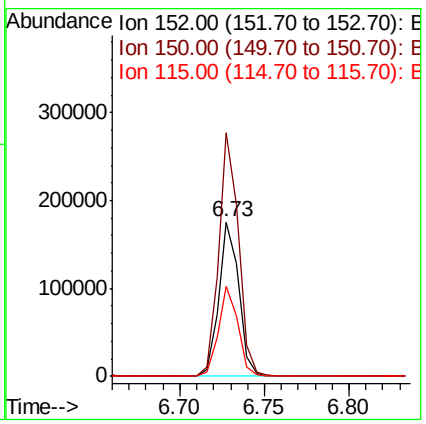


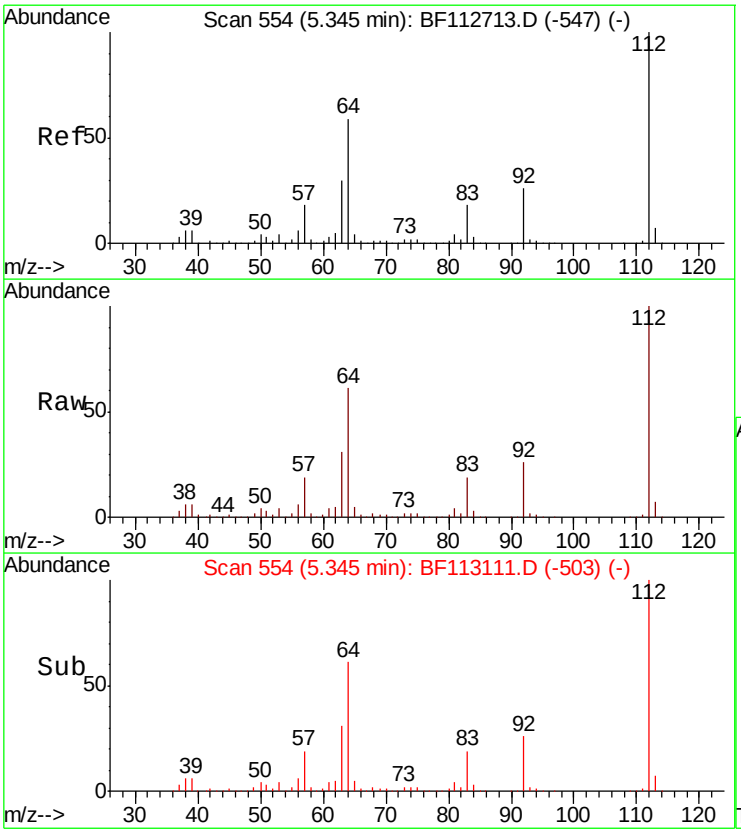
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

Instrument :
BNA_F
ClientSampleId :
PST-025-B127-031319

Tgt Ion:152 Resp: 145435

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.2	186.2
115	58.1	48.2	72.4

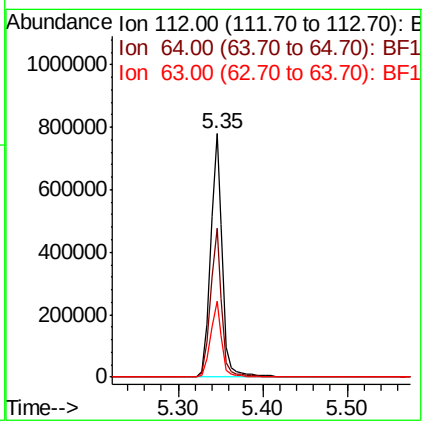


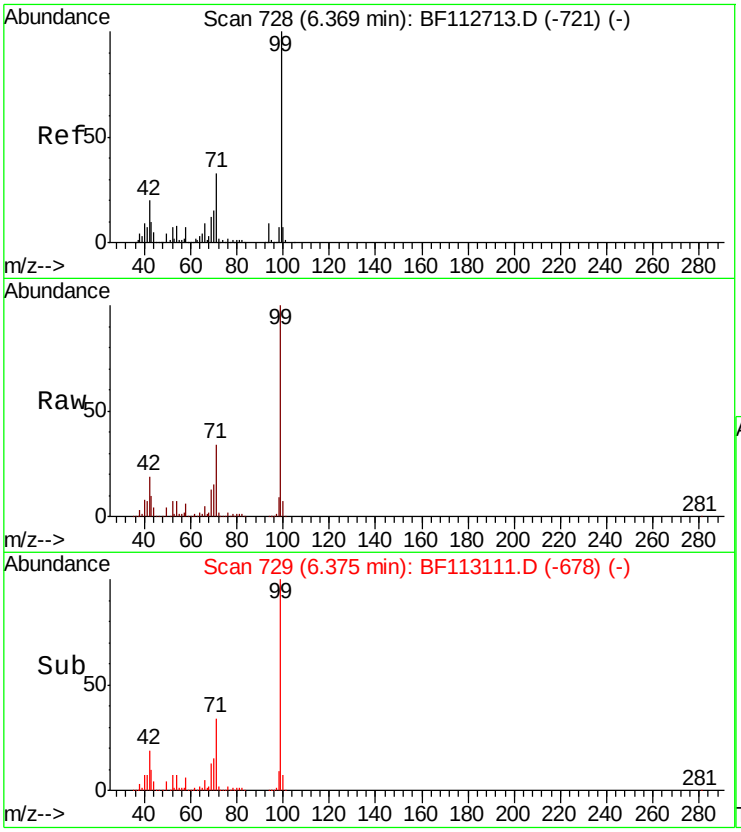


#5
2-Fluorophenol
Concen: 82.856 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

Tgt Ion:112 Resp: 774657

Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.6	71.4
63	31.2	24.4	36.6



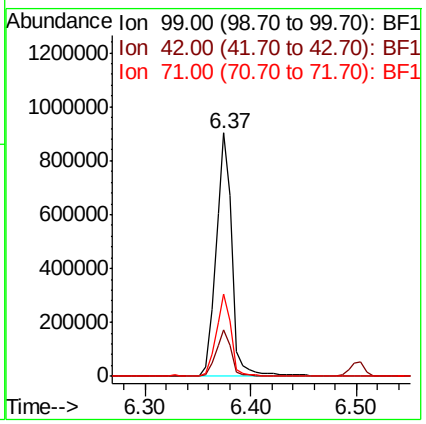


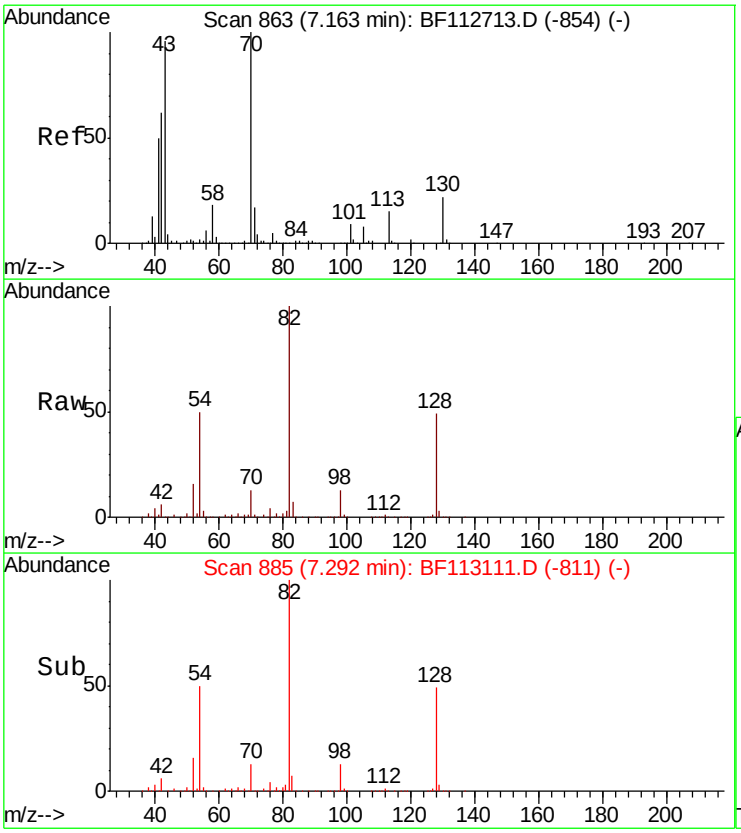
#7
Phenol-d6
Concen: 81.570 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

Instrument :
BNA_F
ClientSampleId :
PST-025-B127-031319

Tgt Ion: 99 Resp: 957995

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.3	24.5
71	33.7	26.2	39.4

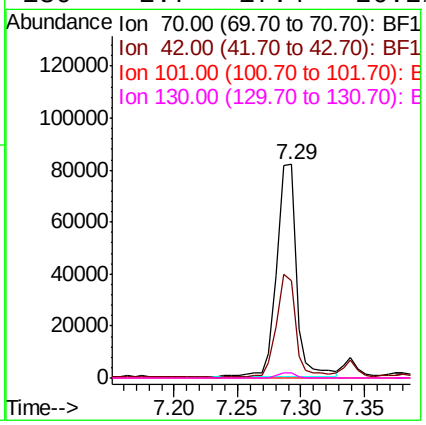


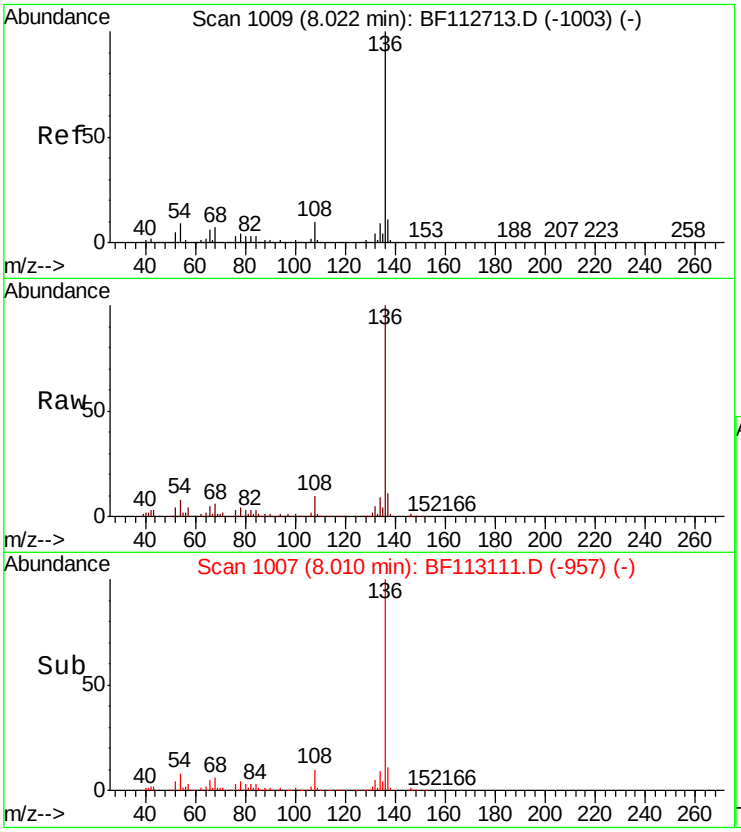


#19
n-Nitroso-di-n-propylamine
Concen: 12.033 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

Tgt Ion: 70 Resp: 89505

Ion	Ratio	Lower	Upper
70	100		
42	45.8	49.9	74.9#
101	0.0	7.4	11.2#
130	2.7	17.4	26.2#



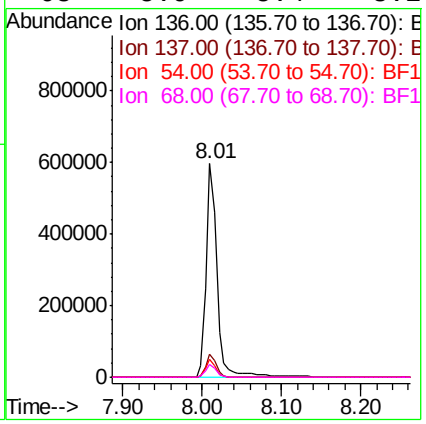


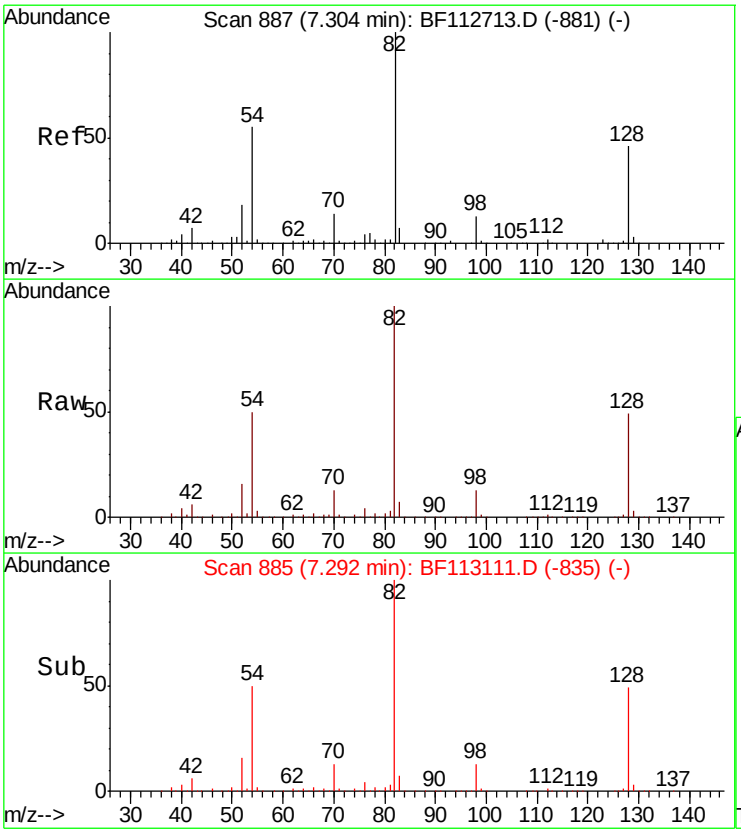
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

Instrument :
BNA_F
ClientSampleId :
PST-025-B127-031319

Tgt Ion:136 Resp: 579394

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.4	7.3	10.9
68	5.9	5.4	8.2

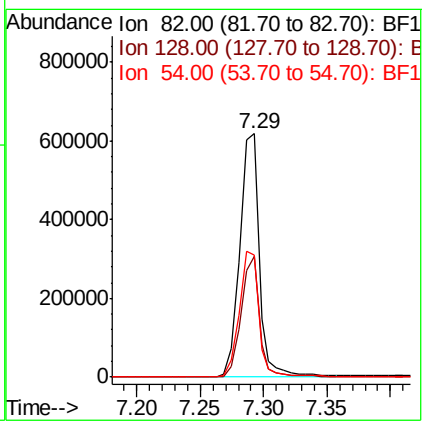


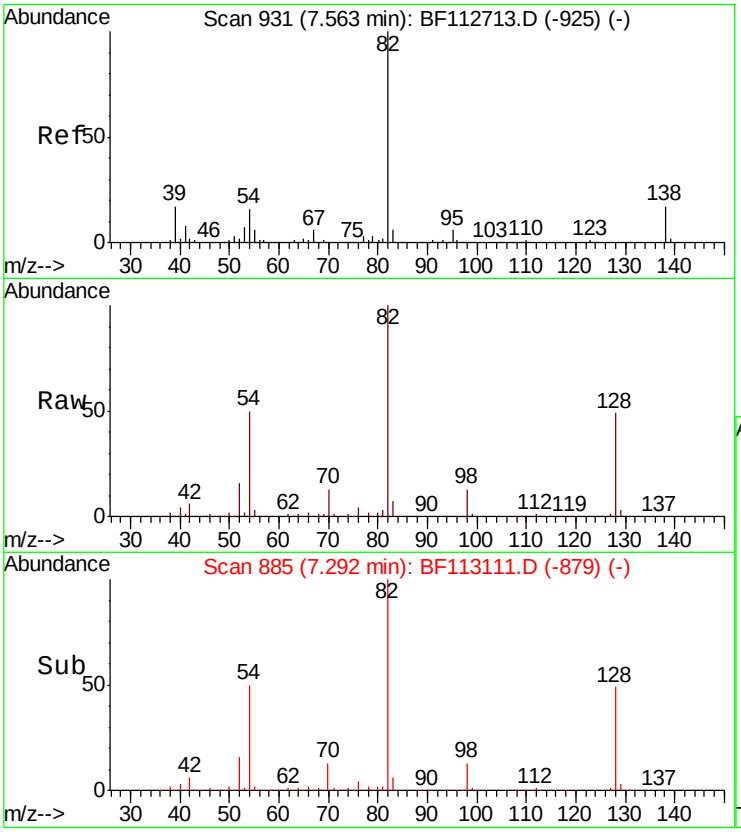


#23
Nitrobenzene-d5
Concen: 68.282 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

Tgt Ion: 82 Resp: 661155

Ion	Ratio	Lower	Upper
82	100		
128	49.4	36.3	54.5
54	50.0	43.7	65.5



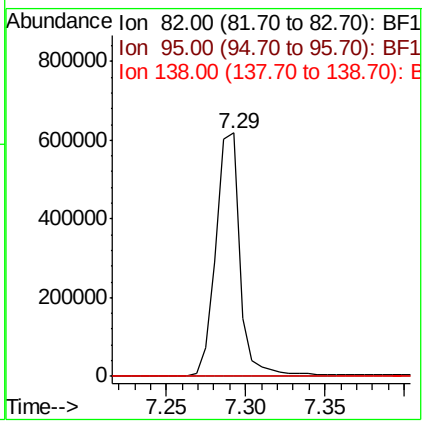


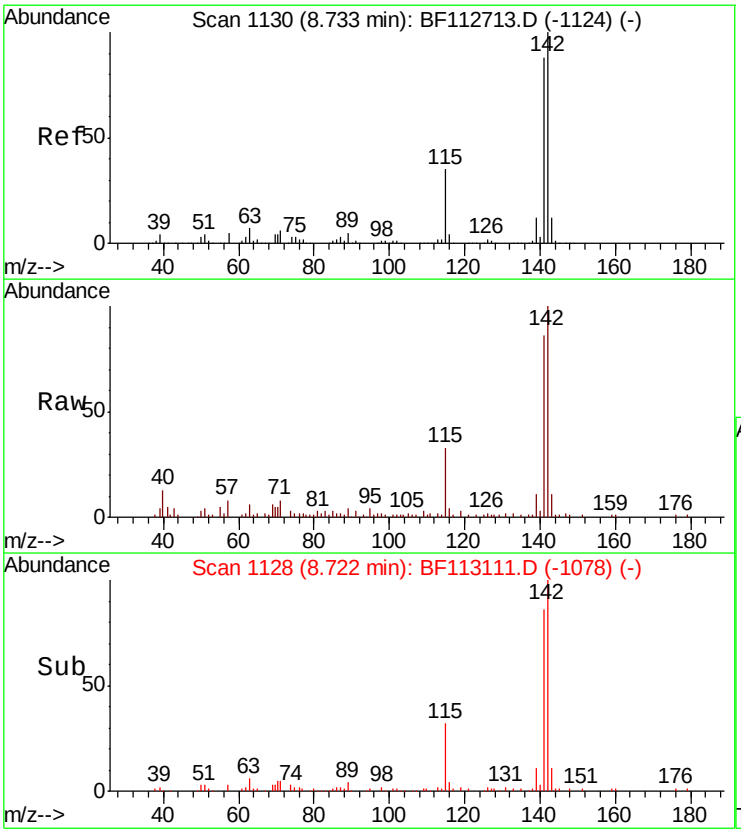
#25
Isophorone
Concen: 31.325 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

Instrument :
BNA_F
ClientSampleId :
PST-025-B127-031319

Tgt Ion: 82 Resp: 653433

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	13.8	20.8#

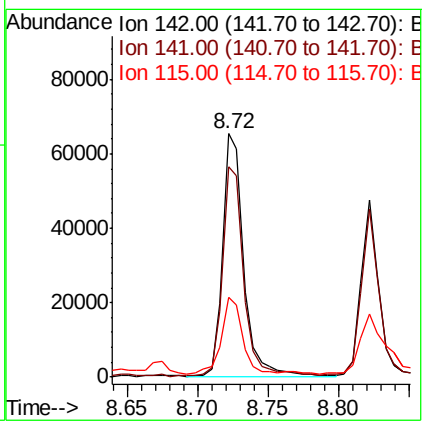


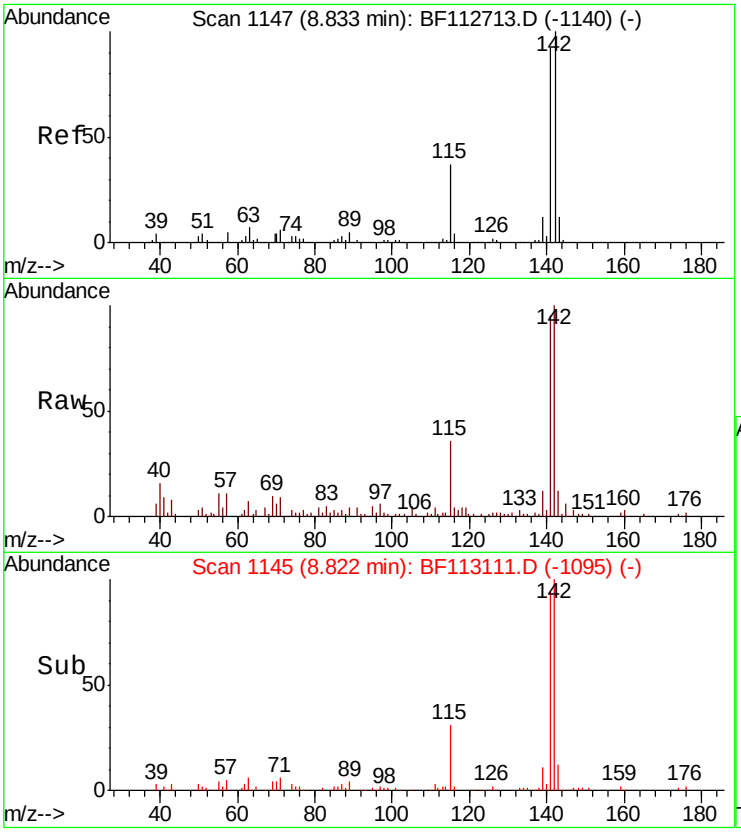


#37
2-Methylnaphthalene
Concen: 3.695 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

Tgt Ion:142 Resp: 68649

Ion	Ratio	Lower	Upper
142	100		
141	86.5	70.3	105.5
115	32.9	27.8	41.6



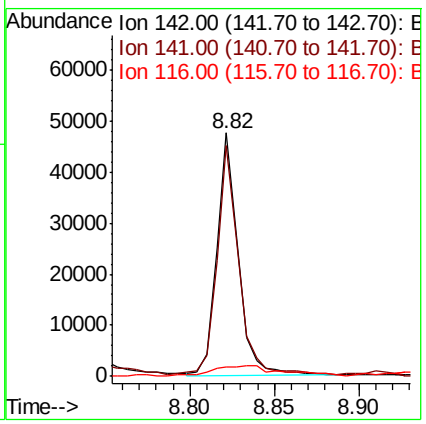


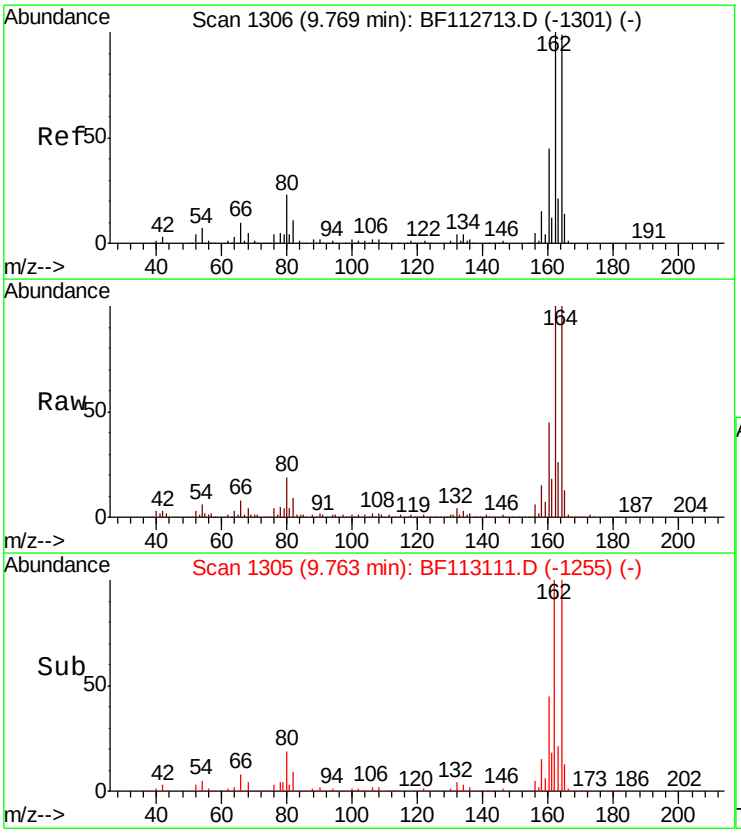
#38
1-Methylnaphthalene
Concen: 2.330 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

Instrument :
BNA_F
ClientSampleId :
PST-025-B127-031319

Tgt Ion:142 Resp: 41927

Ion	Ratio	Lower	Upper
142	100		
141	94.7	73.7	110.5
116	4.1	3.1	4.7

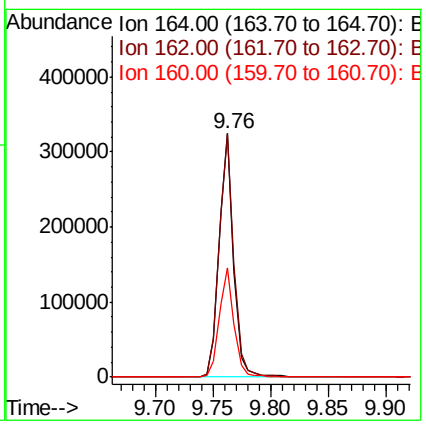


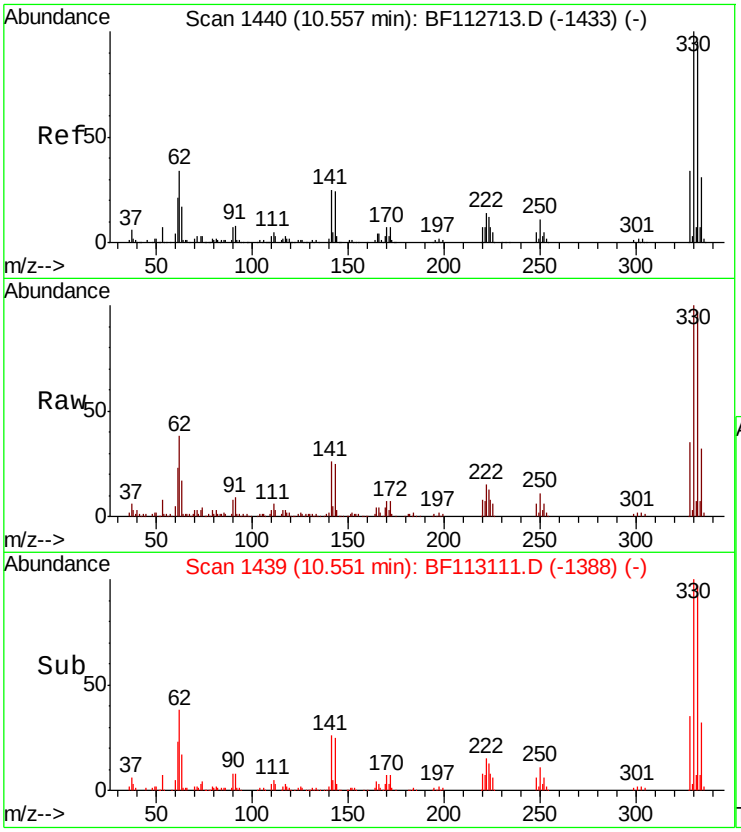


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

Tgt Ion:164 Resp: 280797

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.6	120.8
160	45.0	36.0	54.0



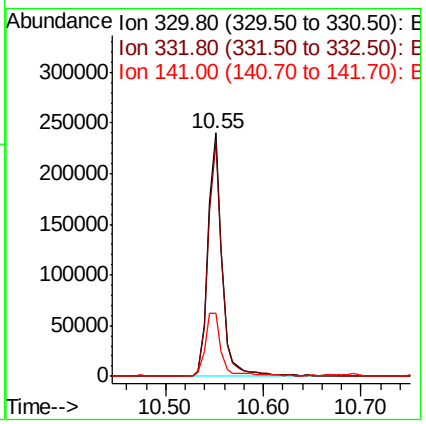


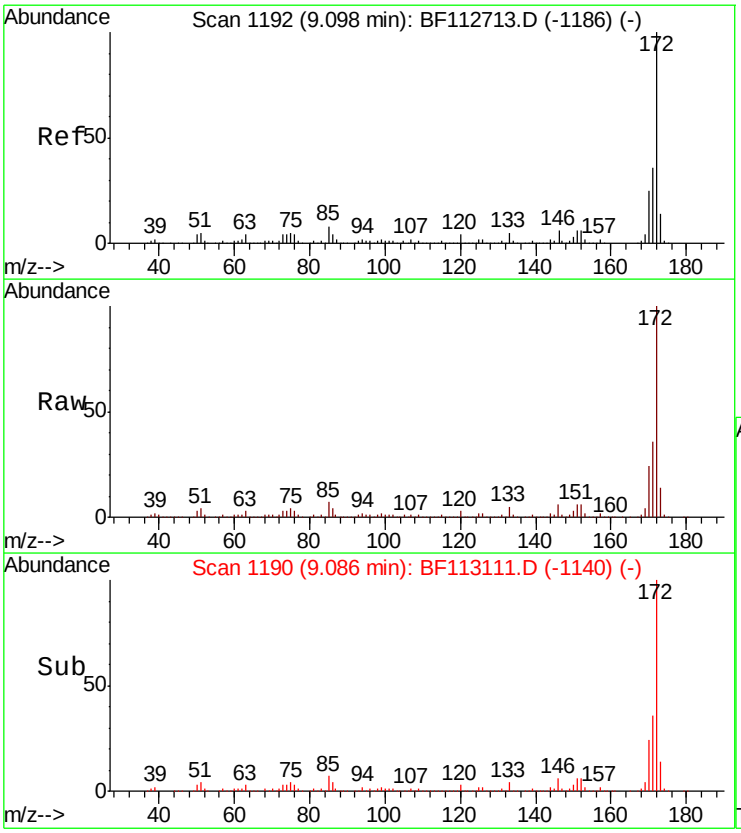
#42
2,4,6-Tribromophenol
Concen: 80.749 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

Instrument :
BNA_F
ClientSampleId :
PST-025-B127-031319

Tgt Ion:330 Resp: 240714

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.2	114.4
141	28.1	27.0	40.6

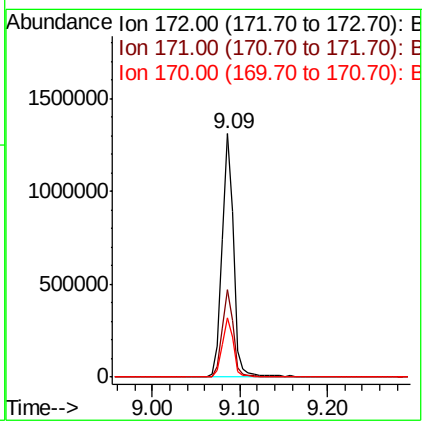


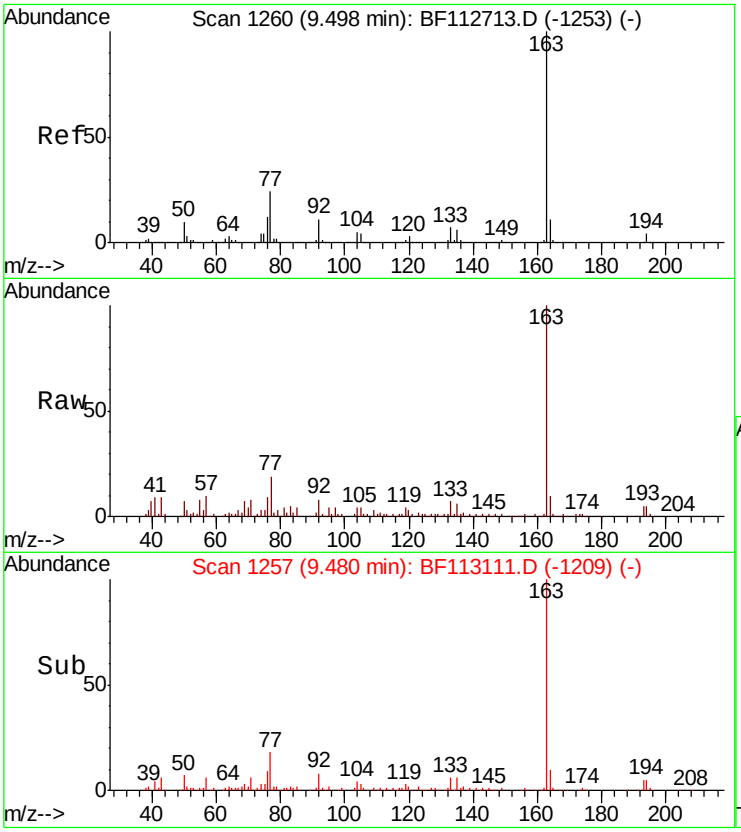


#45
2-Fluorobiphenyl
Concen: 67.786 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

Tgt Ion:172 Resp: 1211822

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.3	20.0	30.0



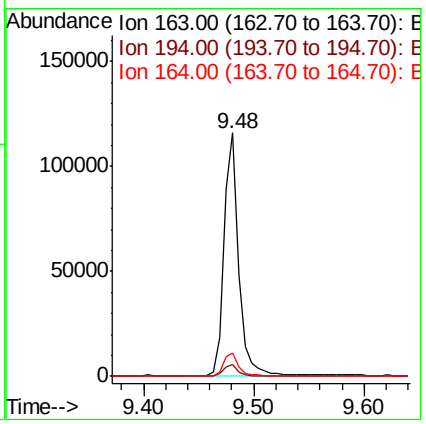


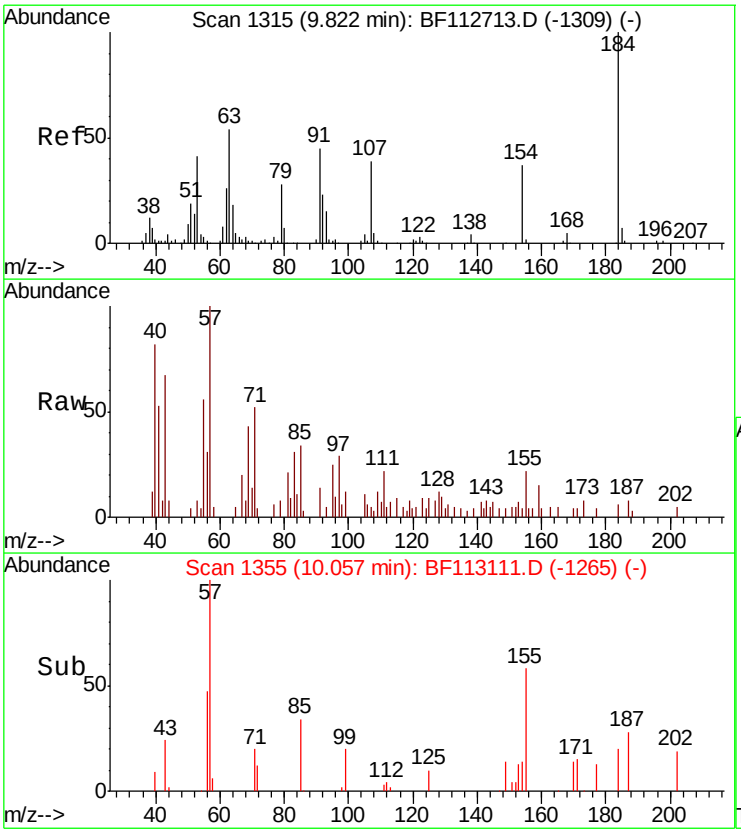
#50
Dimethylphthalate
Concen: 5.323 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

Instrument :
BNA_F
ClientSampleId :
PST-025-B127-031319

Tgt Ion:163 Resp: 110208

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.0	4.4#
164	9.8	8.4	12.6

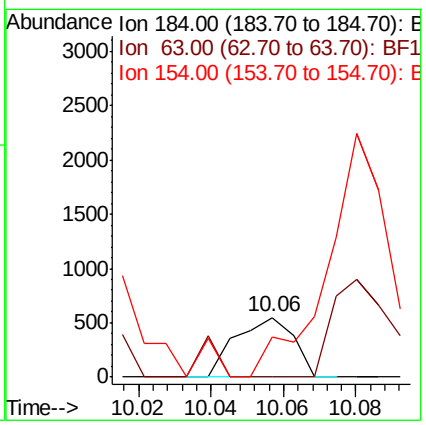


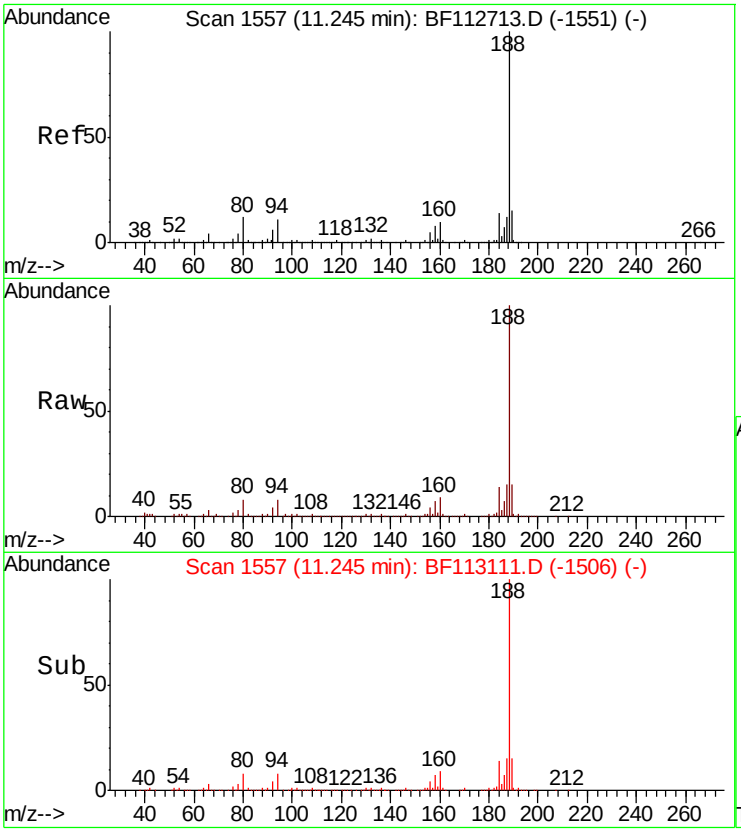


#54
2,4-Dinitrophenol
Concen: 6.768 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.23 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

Tgt Ion:184 Resp: 603

Ion	Ratio	Lower	Upper
184	100		
63	0.0	45.3	67.9#
154	68.4	46.0	69.0



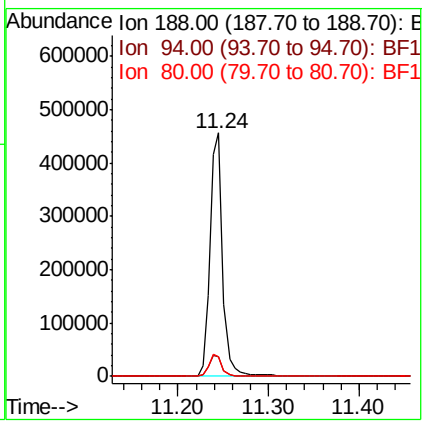


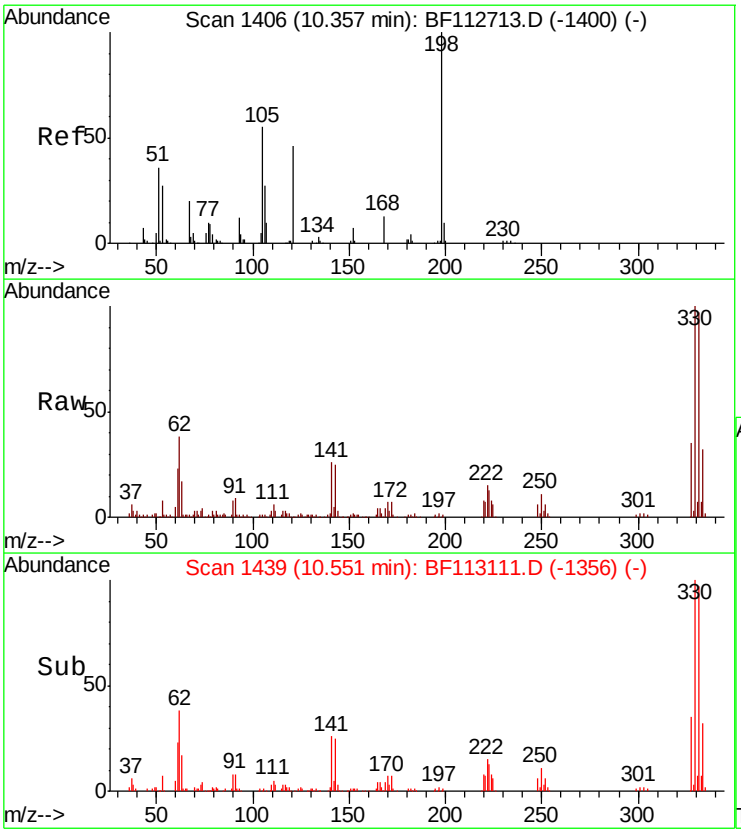
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

Instrument :
BNA_F
ClientSampleId :
PST-025-B127-031319

Tgt Ion:188 Resp: 449592

Ion	Ratio	Lower	Upper
188	100		
94	8.2	9.0	13.4#
80	8.1	9.2	13.8#

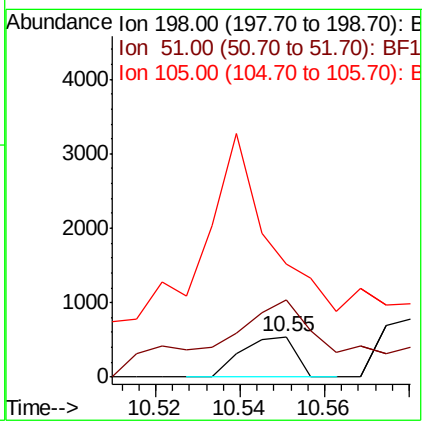


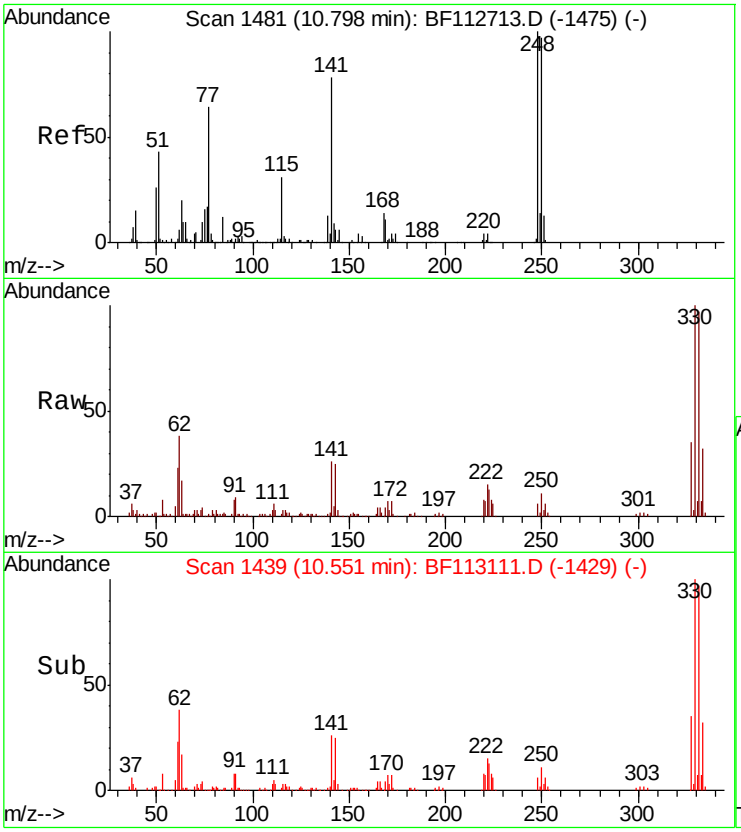


#65
4,6-Dinitro-2-methylphenol
Concen: 4.846 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.19 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

Tgt Ion:198 Resp: 477

Ion	Ratio	Lower	Upper
198	100		
51	192.3	43.8	83.8#
105	279.0	36.5	76.5#



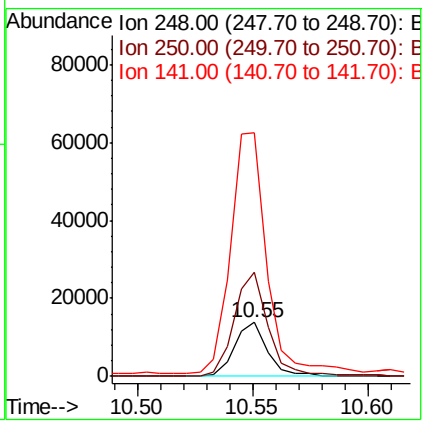


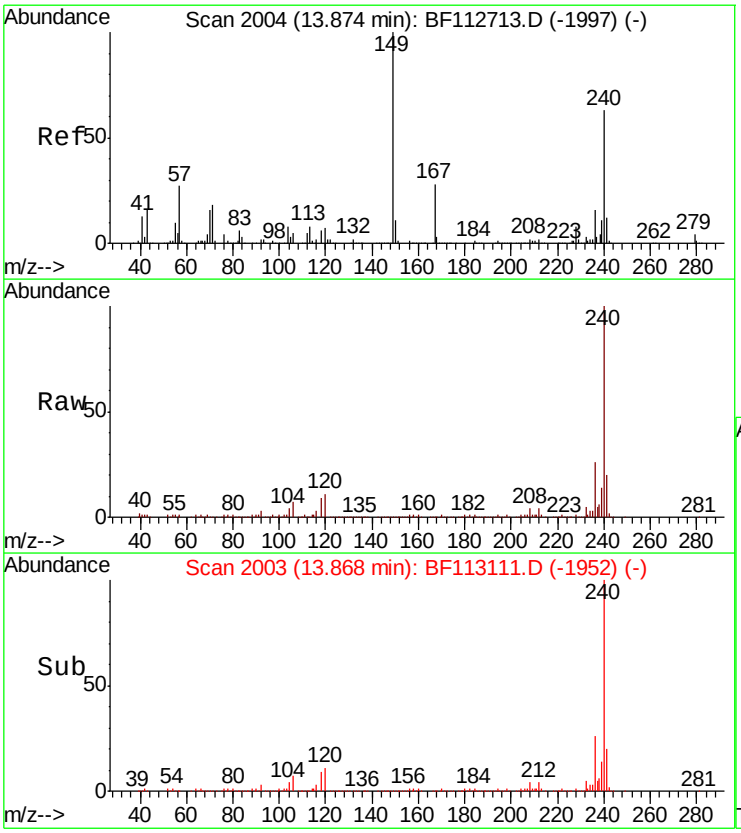
#67
4-Bromophenyl-phenylether
Concen: 2.902 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

Instrument :
BNA_F
ClientSampleId :
PST-025-B127-031319

Tgt Ion:248 Resp: 13741

Ion	Ratio	Lower	Upper
248	100		
250	193.4	77.5	116.3#
141	452.2	62.4	93.6#

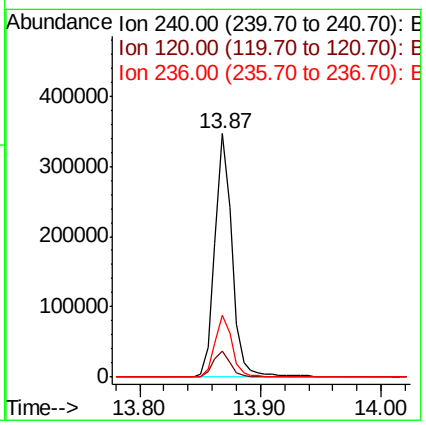


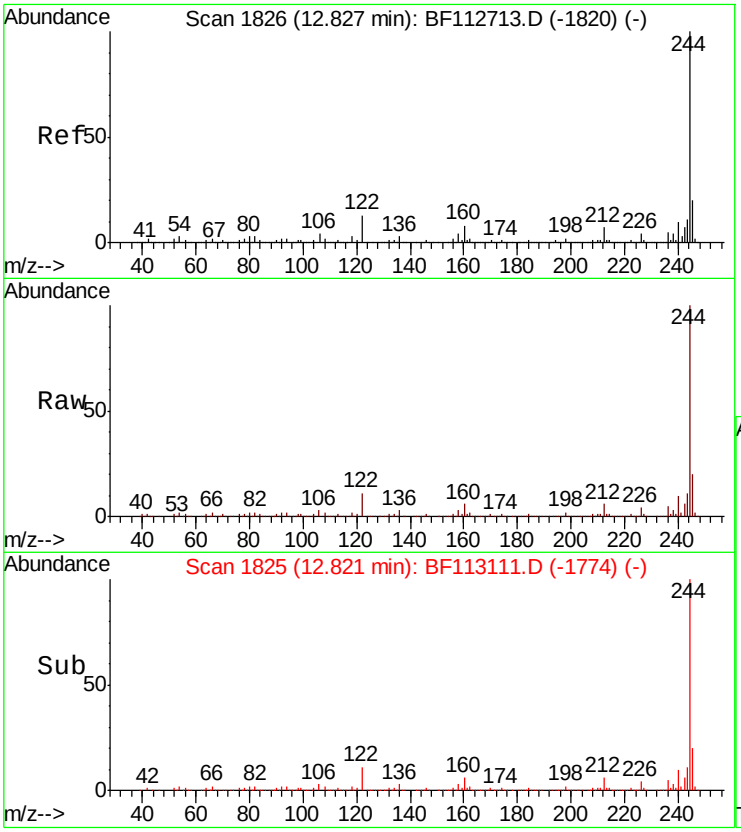


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

Tgt Ion:240 Resp: 337356

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.9	13.3
236	25.5	20.7	31.1



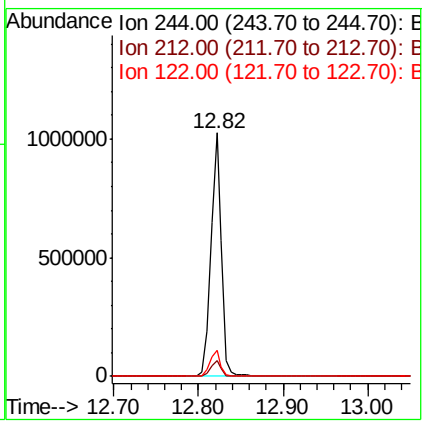


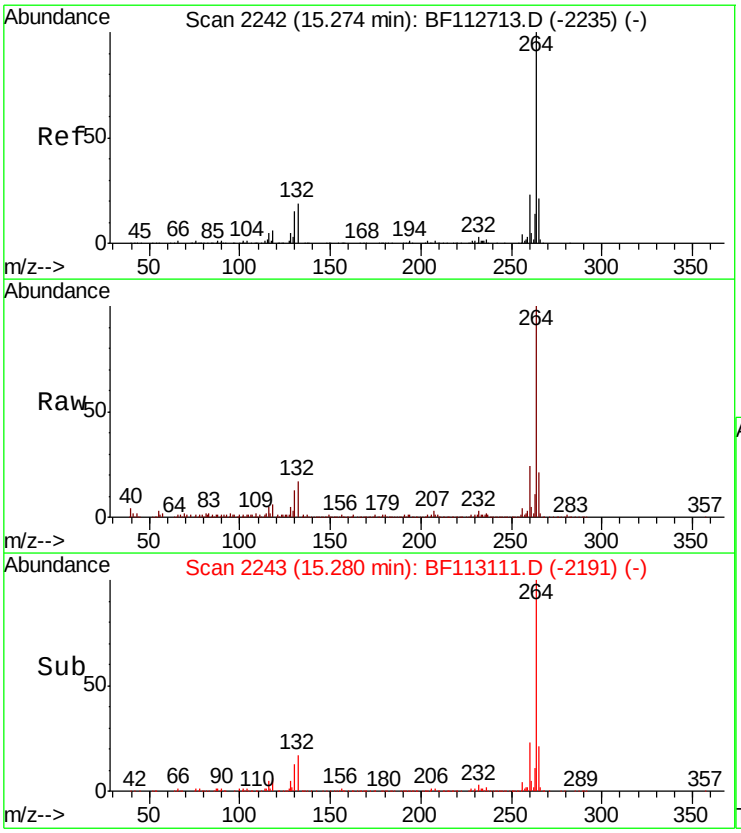
#79
Terphenyl-d14
Concen: 52.509 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

Instrument :
BNA_F
ClientSampleId :
PST-025-B127-031319

Tgt Ion:244 Resp: 913805

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	10.6	10.5	15.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

Tgt Ion:264 Resp: 246619

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.3	17.2	25.8