Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
Data File : BF113116.D
Acq On : 19 Mar 2019 3:41
Operator : JU/SJ
Sample : K1947-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-025-B130-031319

Quant Time: Mar 19 06:47:20 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	144007	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	452567	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	244122	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	428587	20.00	ng		0.00
76) Chrysene-d12	13.87	240	339331	20.00	ng		0.00
87) Perylene-d12	15.28	264	237755	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1004824	108.54	ng		0.00
7) Phenol-d6	6.38	99	1282070	110.25	ng		0.00
23) Nitrobenzene-d5	7.29	82	703204	92.98	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	332913	128.46	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1392907	98.71	ng		0.00
79) Terphenyl-d14	12.82	244	1147927	65.58	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	92332	12.536	ng	#	74
25) Isophorone	7.29	82	699935	42.957	ng	#	66
50) Dimethylphthalate	9.48	163	159698	8.872	ng		99
57) 2,4-Dinitrotoluene	9.76	165	30517	6.550	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.56	198	601	4.921	ng	#	68
67) 4-Bromophenyl-phenylether	10.55	248	18691	4.140	ng	#	1

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

Quantitation Report (Not Reviewed)

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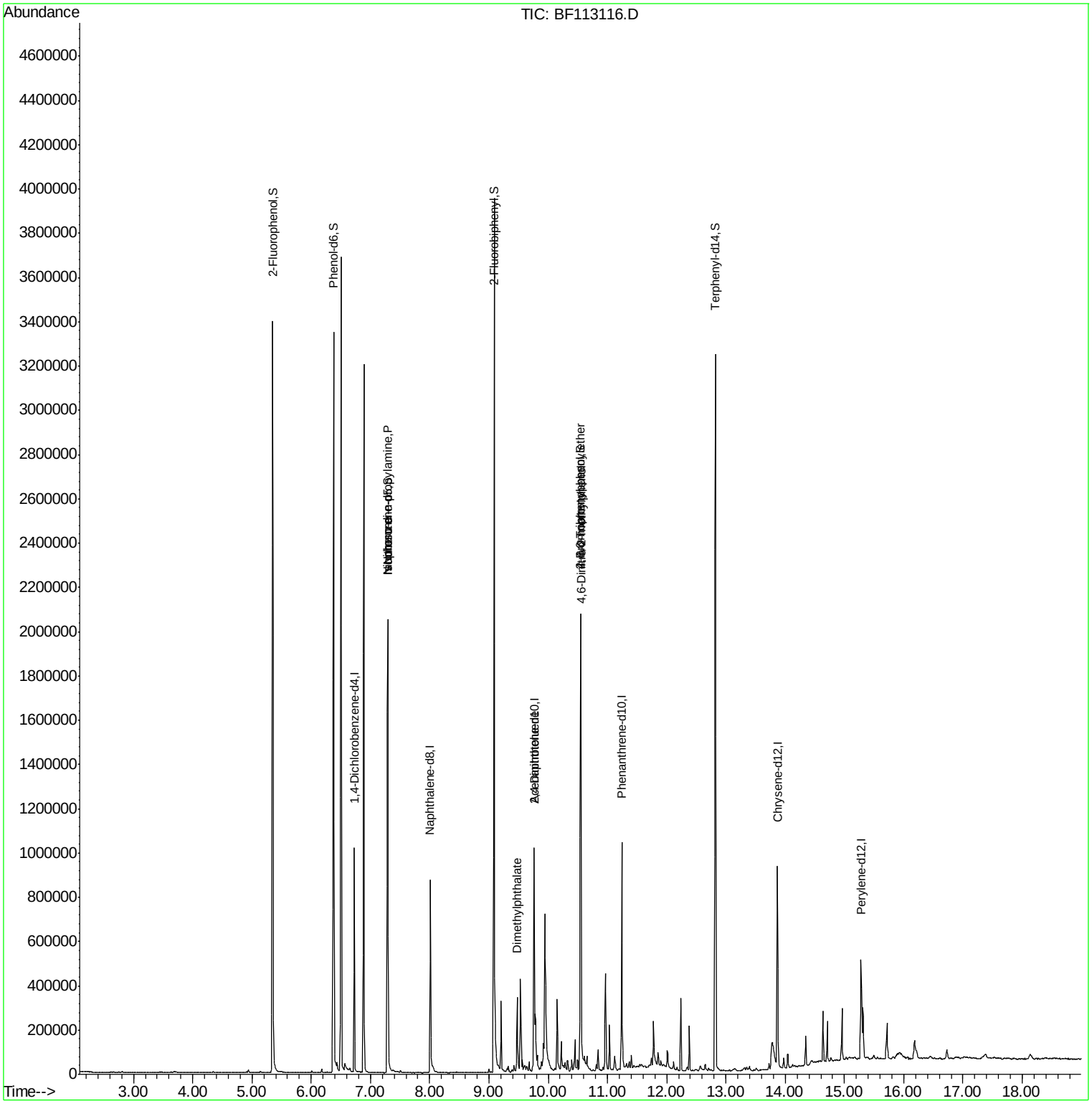
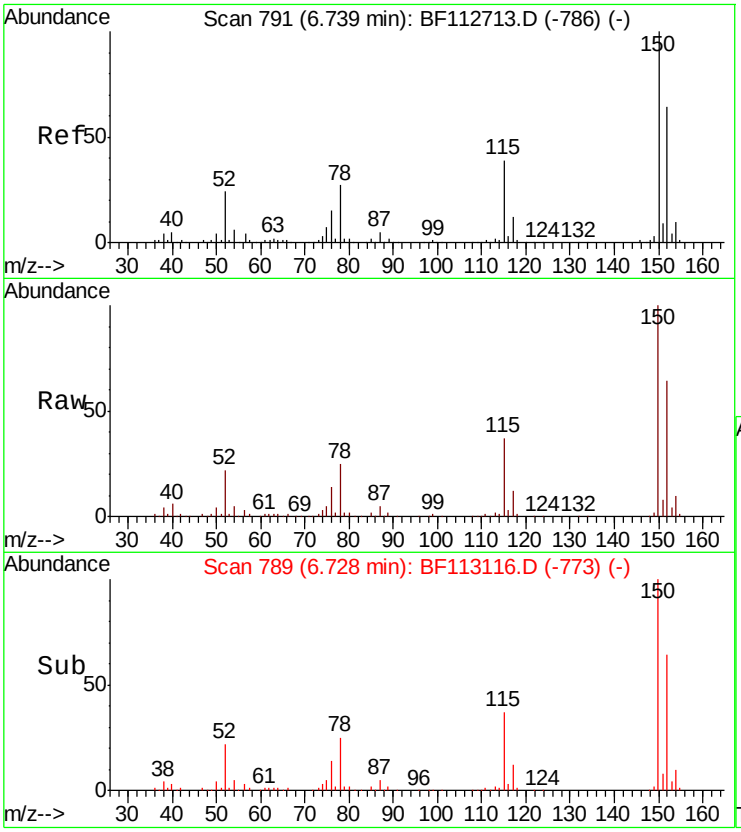


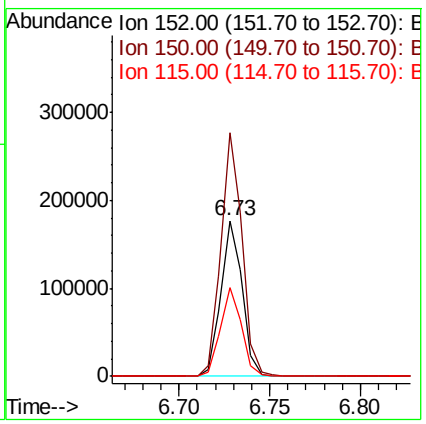


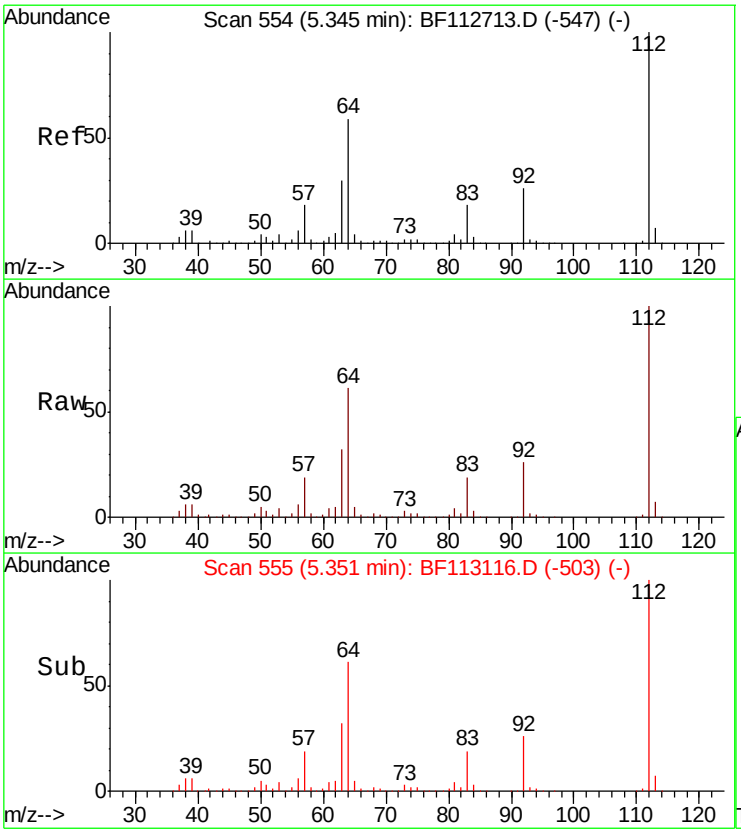
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Instrument :
BNA_F
ClientSampleId :
PST-025-B130-031319

Tgt Ion:152 Resp: 144007

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.2	186.2
115	57.3	48.2	72.4

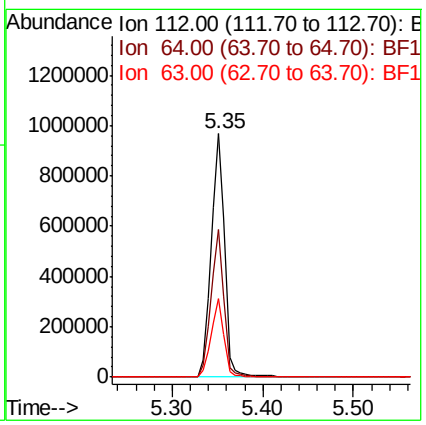


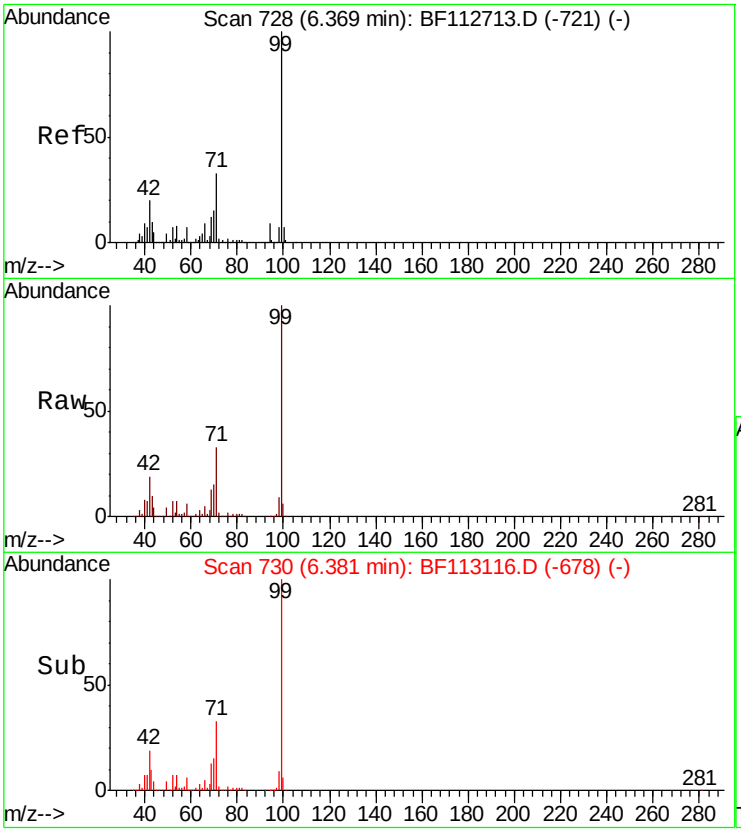


#5
2-Fluorophenol
Concen: 108.540 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Tgt Ion:112 Resp: 1004824

Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.6	71.4
63	32.0	24.4	36.6



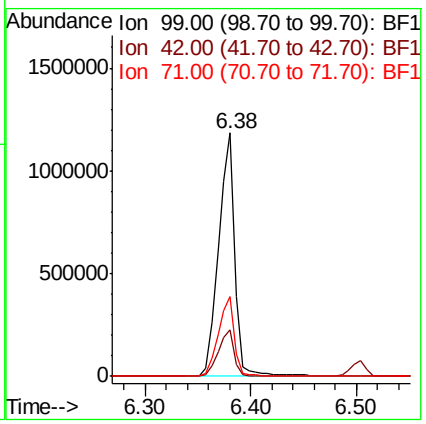


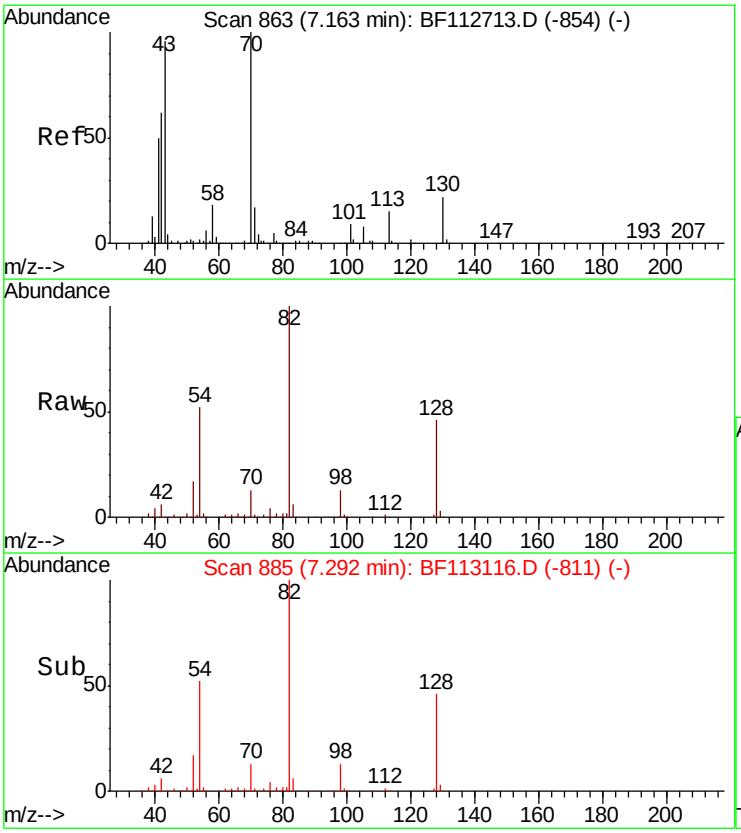
#7
Phenol-d6
Concen: 110.246 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Instrument :
BNA_F
ClientSampleId :
PST-025-B130-031319

Tgt Ion: 99 Resp: 1282070

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.3	24.5
71	32.9	26.2	39.4

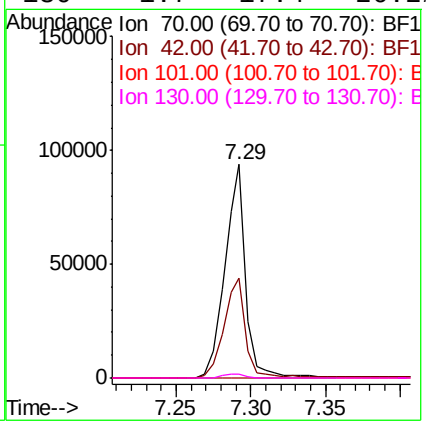


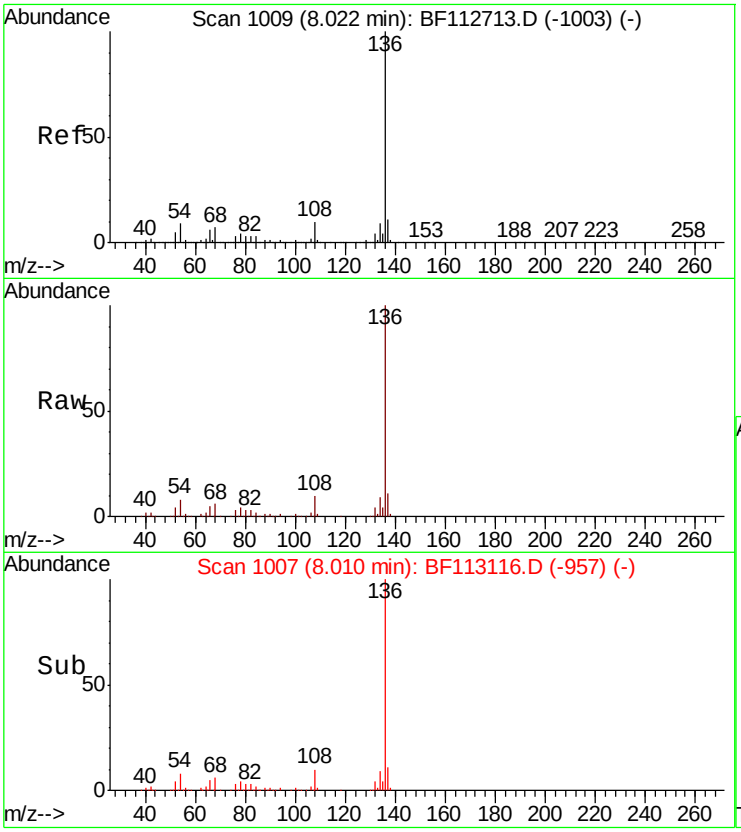


#19
n-Nitroso-di-n-propylamine
Concen: 12.536 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Tgt Ion: 70 Resp: 92332

Ion	Ratio	Lower	Upper
70	100		
42	47.0	49.9	74.9#
101	0.0	7.4	11.2#
130	1.7	17.4	26.2#



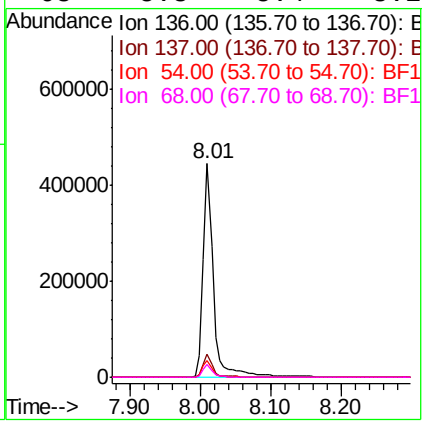


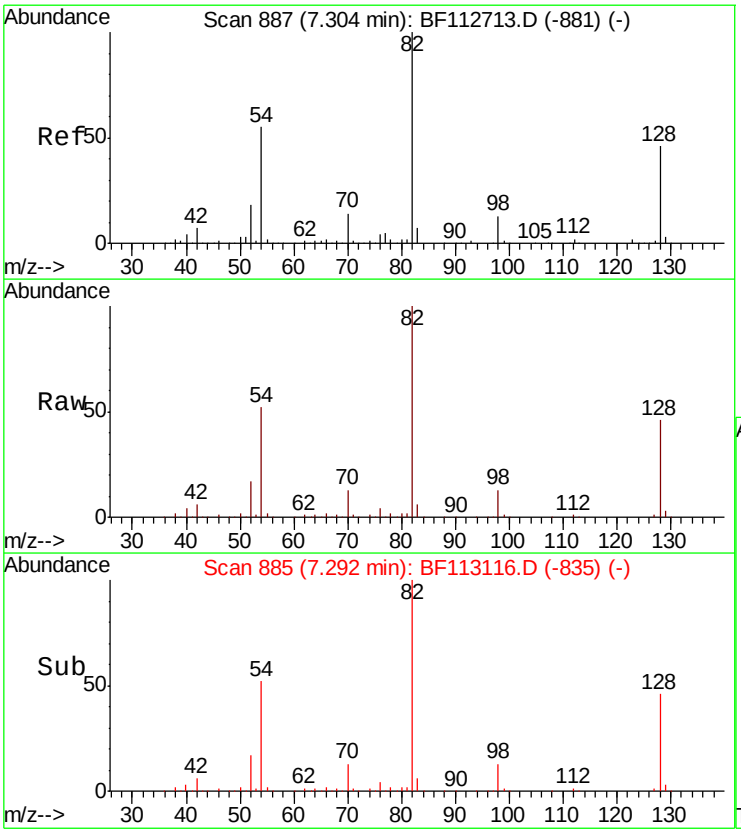
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Instrument :
BNA_F
ClientSampleId :
PST-025-B130-031319

Tgt Ion:136 Resp: 452567

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.7	7.3	10.9
68	5.8	5.4	8.2

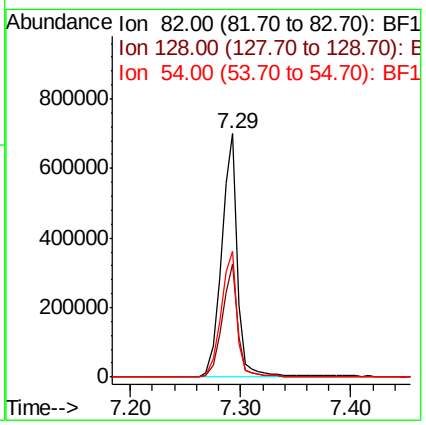


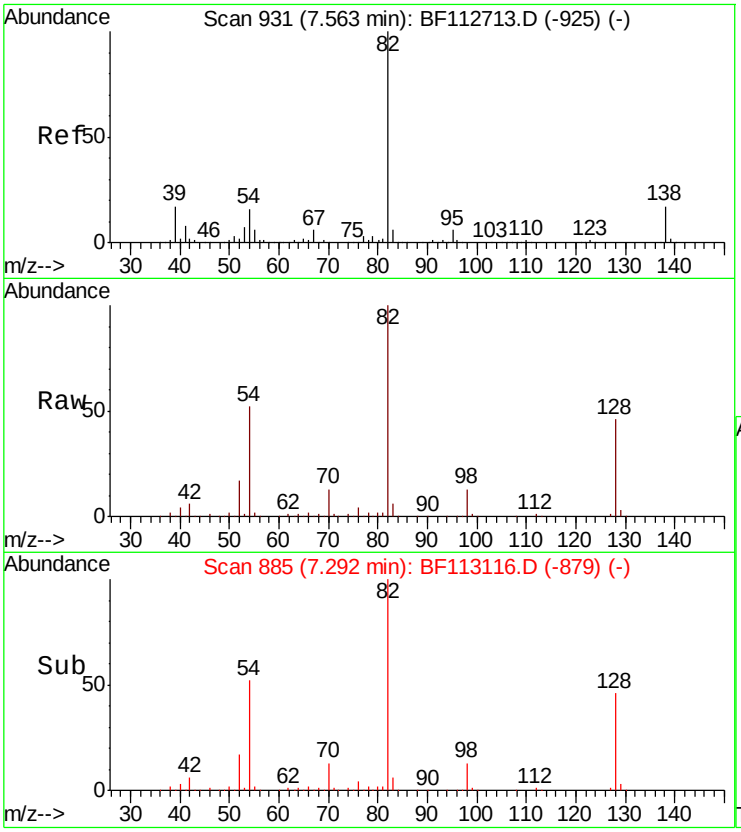


#23
Nitrobenzene-d5
Concen: 92.977 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Tgt Ion: 82 Resp: 703204

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.3	54.5
54	51.6	43.7	65.5



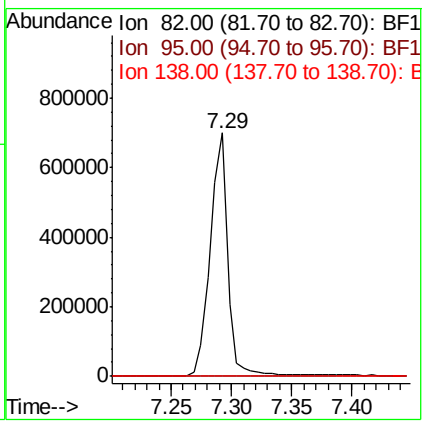


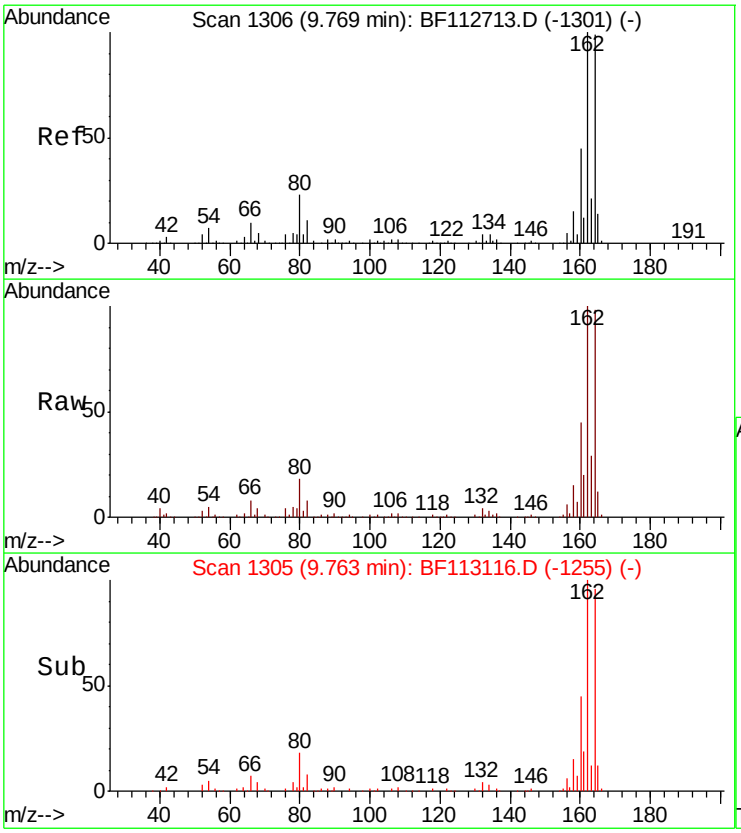
#25
Isophorone
Concen: 42.957 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Instrument :
BNA_F
ClientSampleId :
PST-025-B130-031319

Tgt Ion: 82 Resp: 699935

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

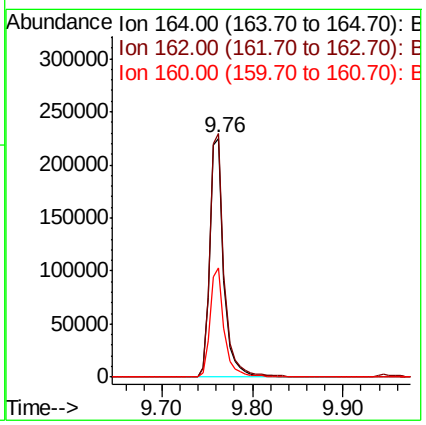


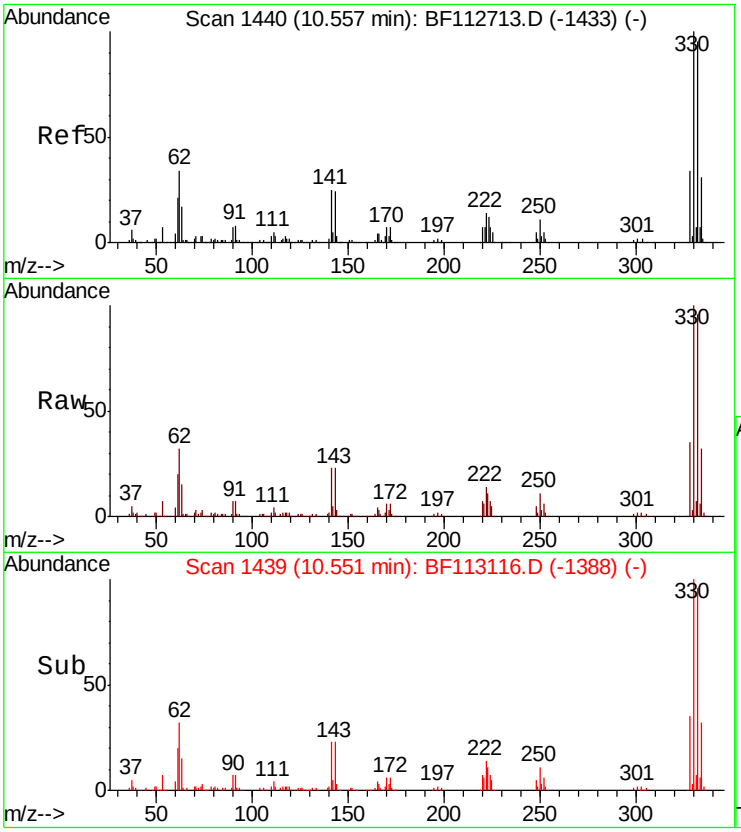


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Tgt Ion:164 Resp: 244122

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	120.8
160	45.8	36.0	54.0



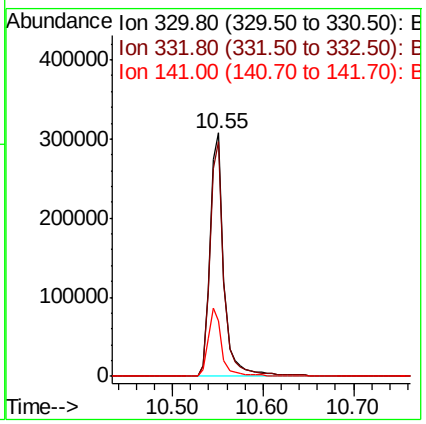


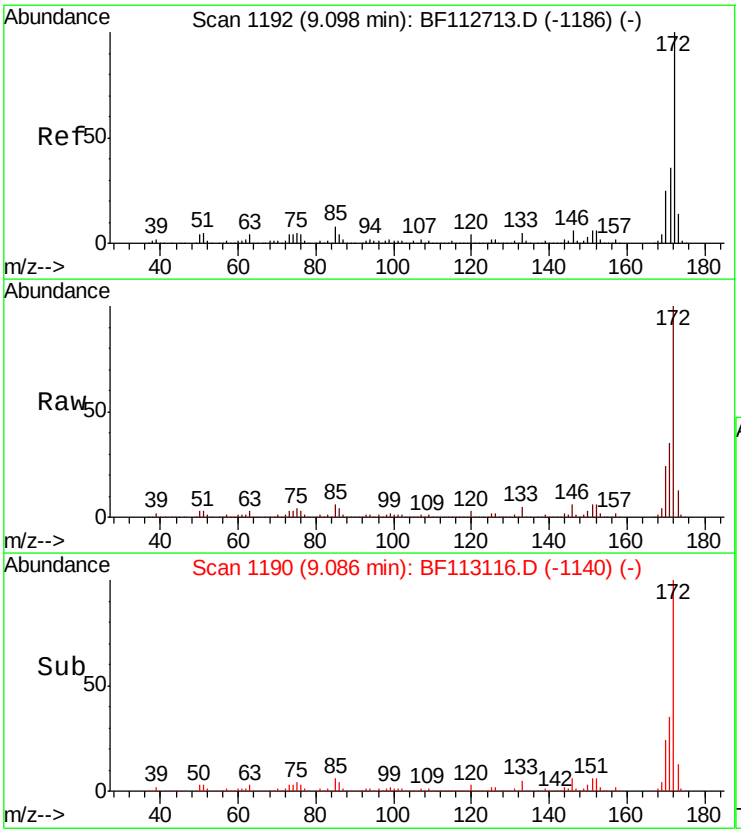
#42
2,4,6-Tribromophenol
Concen: 128.455 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Instrument :
BNA_F
ClientSampleId :
PST-025-B130-031319

Tgt Ion:330 Resp: 332913

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.2	114.4
141	27.8	27.0	40.6

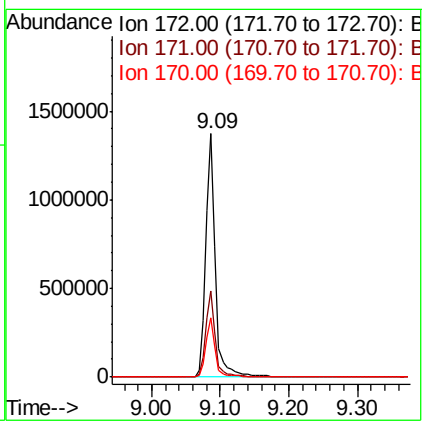


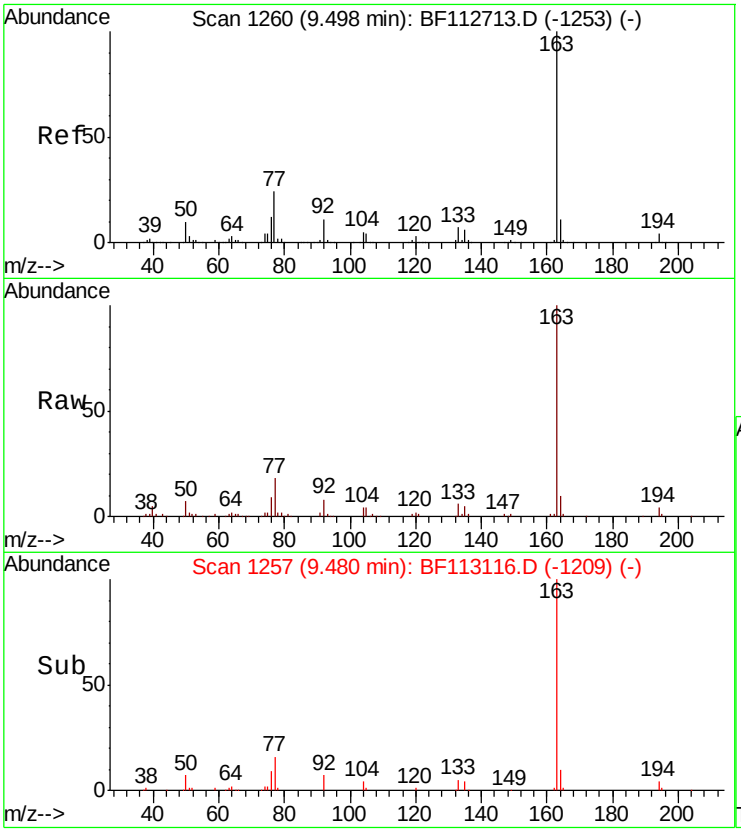


#45
2-Fluorobiphenyl
Concen: 98.710 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Tgt Ion:172 Resp: 1392907

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	24.3	20.0	30.0



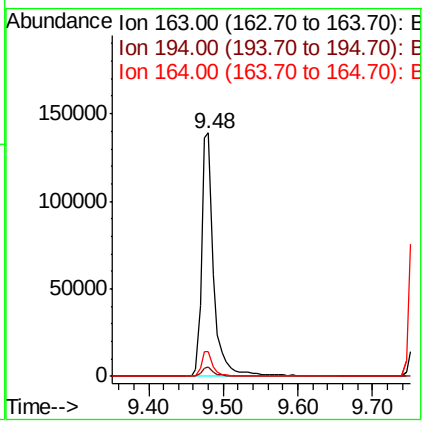


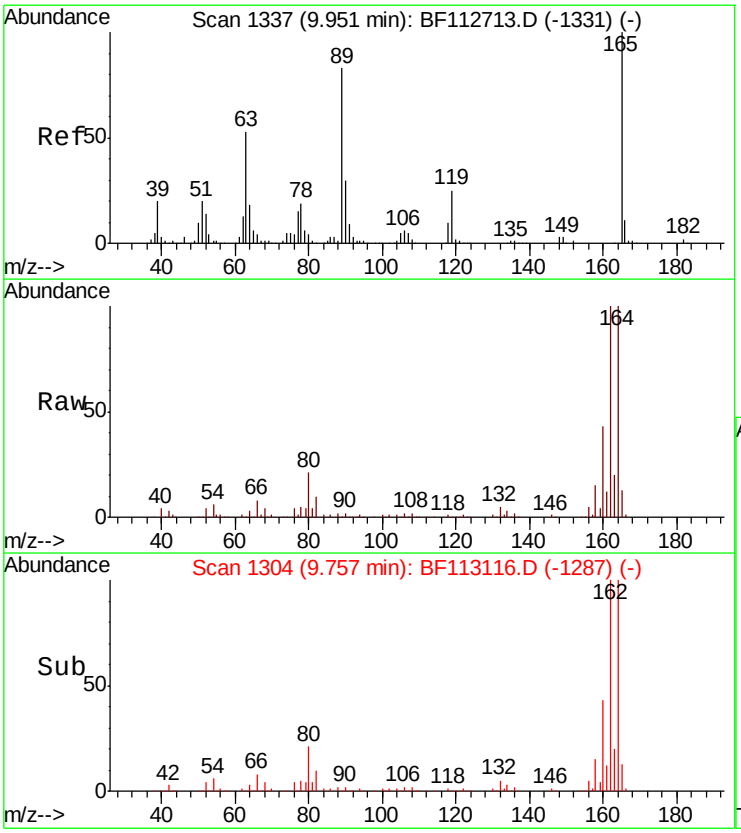
#50
Dimethylphthalate
Concen: 8.872 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Instrument :
BNA_F
ClientSampleId :
PST-025-B130-031319

Tgt Ion:163 Resp: 159698

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.0	8.4	12.6

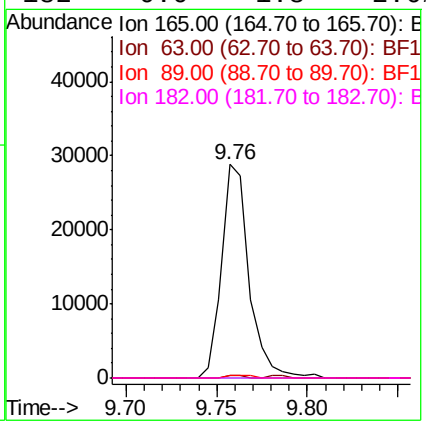


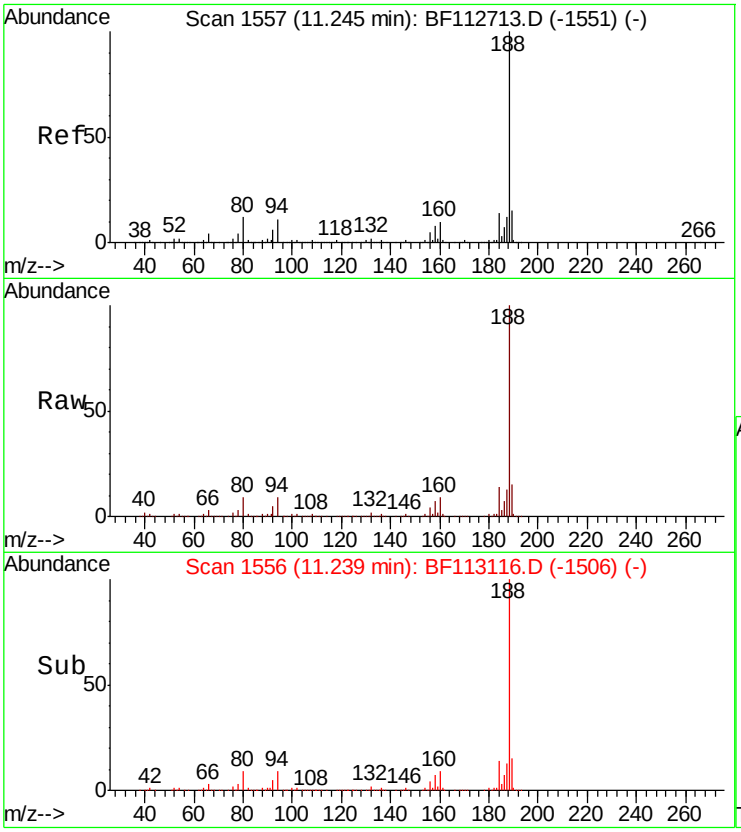


#57
2,4-Dinitrotoluene
Concen: 6.550 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Tgt Ion:165 Resp: 30517

Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.2	63.2#
89	1.3	66.2	99.4#
182	0.0	1.8	2.6#



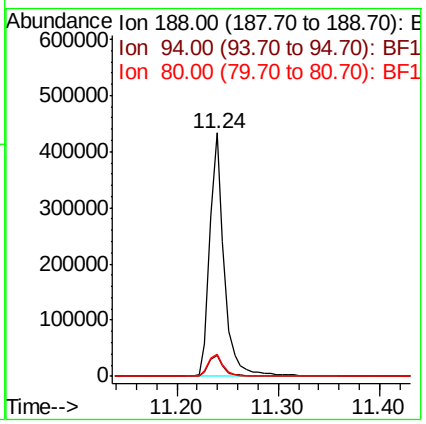


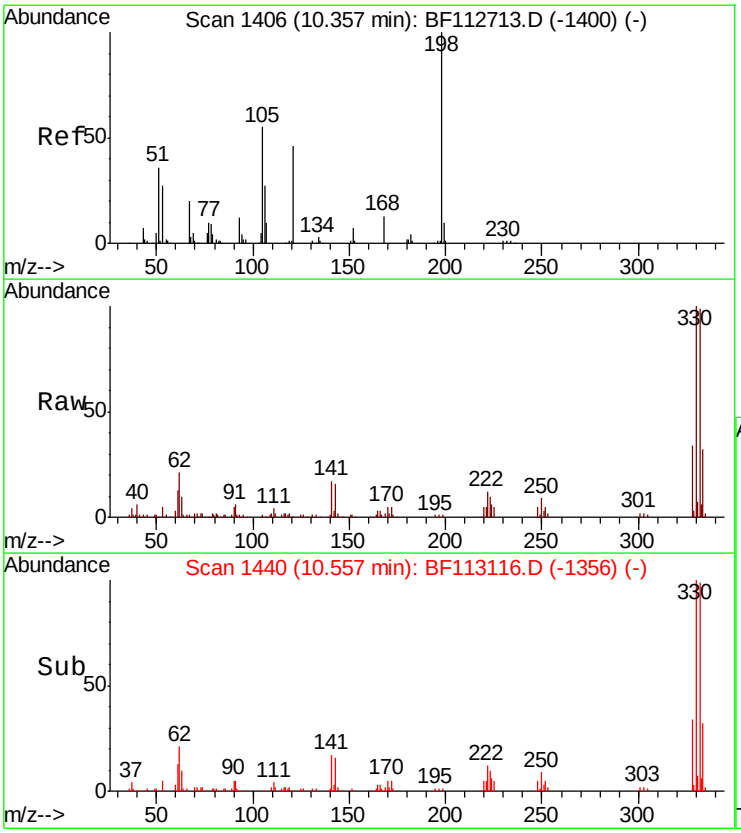
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Instrument :
BNA_F
ClientSampleId :
PST-025-B130-031319

Tgt Ion:188 Resp: 428587

Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.0	13.4#
80	9.3	9.2	13.8

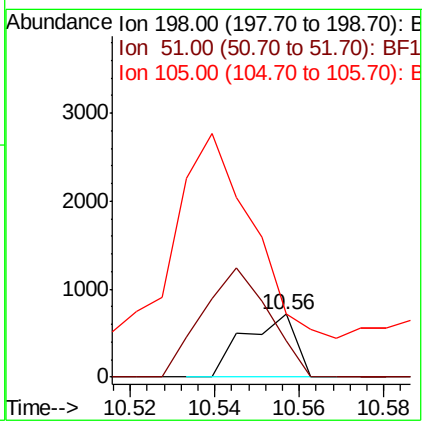


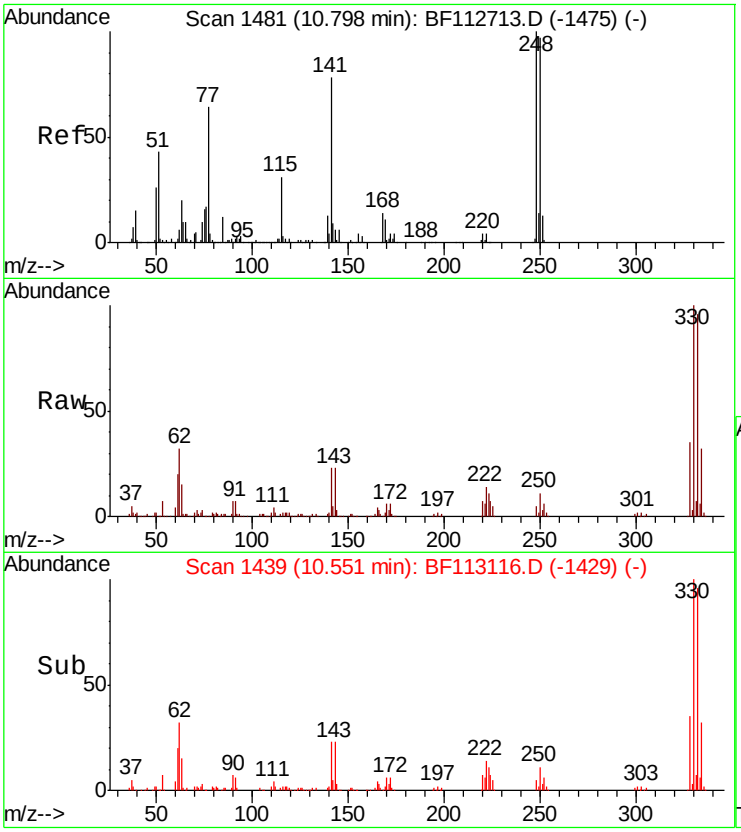


#65
4,6-Dinitro-2-methylphenol
Concen: 4.921 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.19 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Tgt Ion:198 Resp: 601

Ion	Ratio	Lower	Upper
198	100		
51	57.3	43.8	83.8
105	100.1	36.5	76.5#



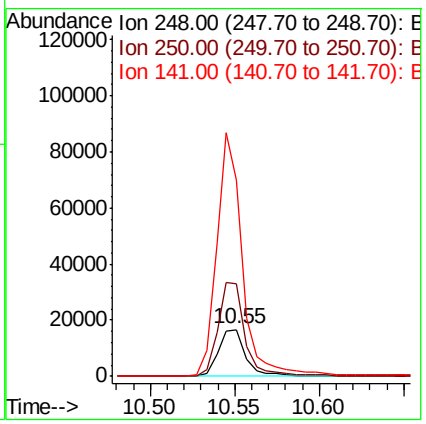


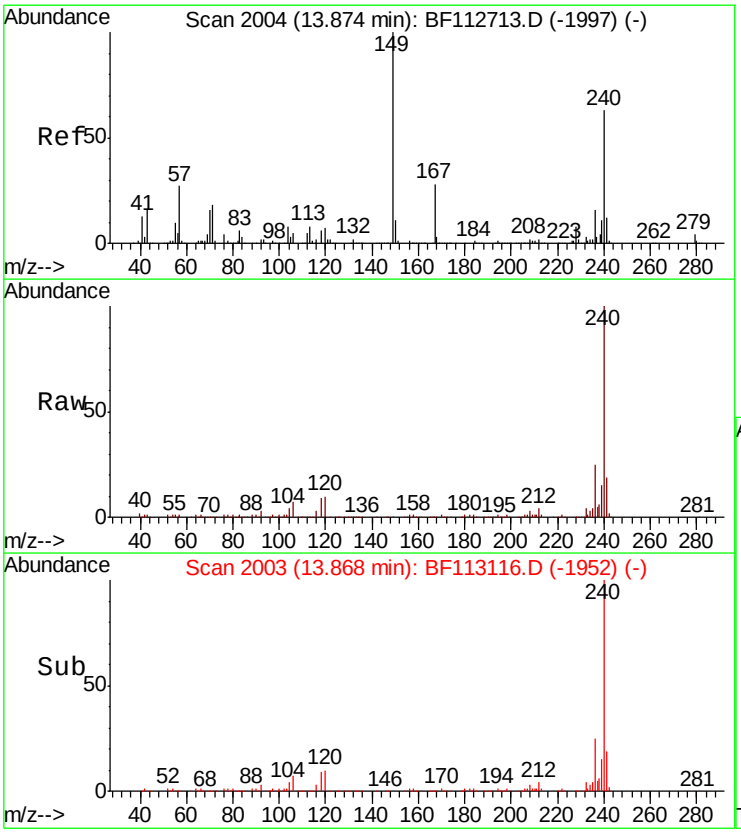
#67
4-Bromophenyl-phenylether
Concen: 4.140 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Instrument :
BNA_F
ClientSampleId :
PST-025-B130-031319

Tgt Ion:248 Resp: 18691

Ion	Ratio	Lower	Upper
248	100		
250	198.4	77.5	116.3#
141	422.0	62.4	93.6#

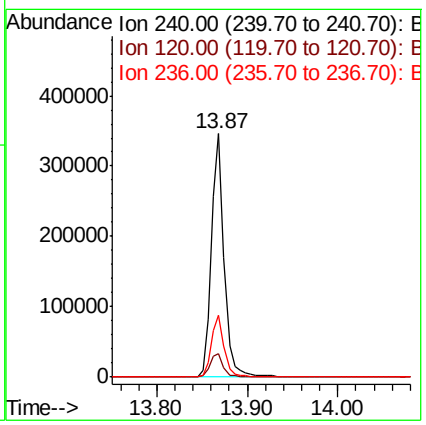


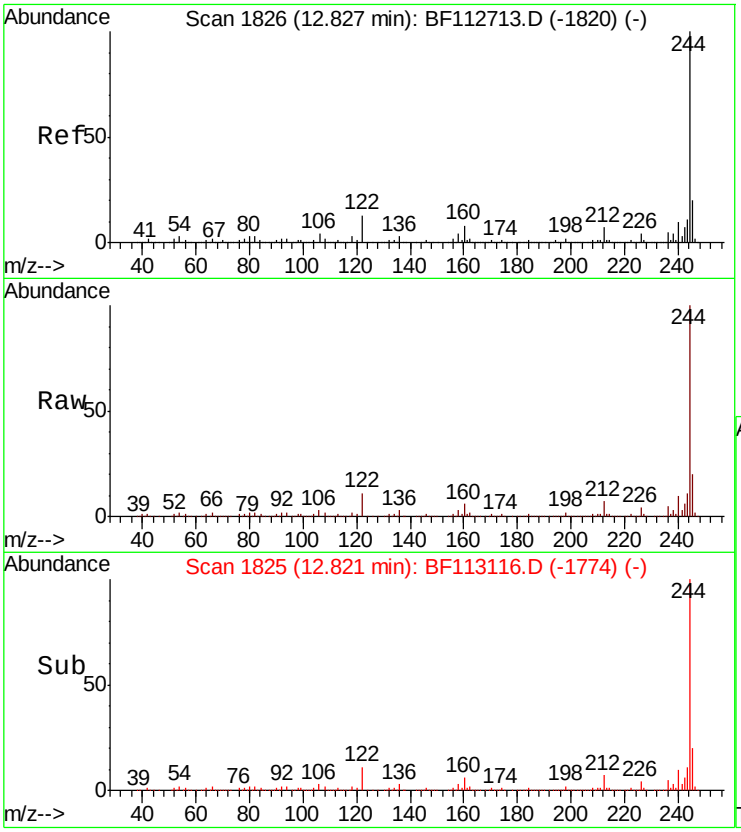


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Tgt Ion:240 Resp: 339331

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.9	13.3
236	25.5	20.7	31.1



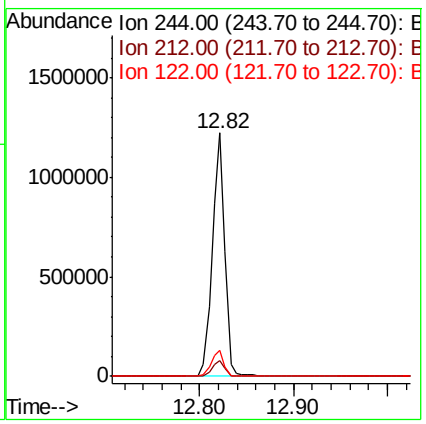


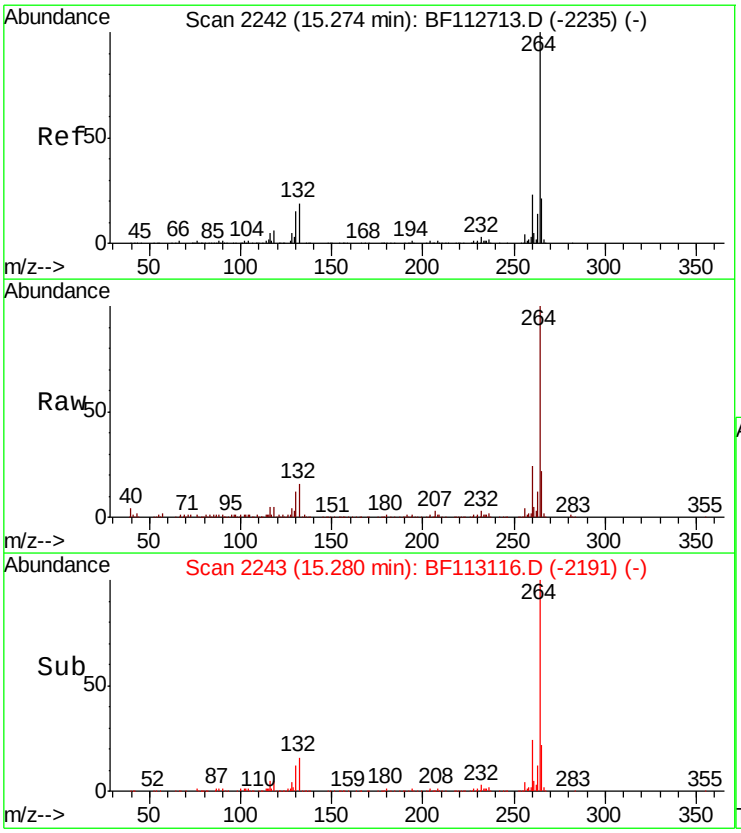
#79
Terphenyl-d14
Concen: 65.578 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Instrument :
BNA_F
ClientSampleId :
PST-025-B130-031319

Tgt Ion:244 Resp: 1147927

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.7	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: BF113116.D
Acq: 19 Mar 2019 3:41

Tgt Ion:264 Resp: 237755

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.0	17.2	25.8