Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
Data File : BF113119.D
Acq On : 19 Mar 2019 5:02
Operator : JU/SJ
Sample : K1947-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-025-B128-031319

Quant Time: Mar 19 06:48:02 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	129919	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	461638	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	198783	20.00	ng		-0.01
64) Phenanthrene-d10	11.24	188	352472	20.00	ng		0.00
76) Chrysene-d12	13.87	240	412277	20.00	ng		0.00
87) Perylene-d12	15.28	264	219924	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	878042	105.13	ng		0.00
7) Phenol-d6	6.38	99	1146641	109.29	ng		0.00
23) Nitrobenzene-d5	7.29	82	717700	93.03	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	275897	130.74	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1493722	161.63	ng		0.00
79) Terphenyl-d14	12.82	244	1066811	50.16	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.39	94	53337	4.357	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	92907	13.982	ng	#	77
25) Isophorone	7.29	82	712806	42.887	ng	#	66
50) Dimethylphthalate	9.48	163	165180	11.269	ng		98
57) 2,4-Dinitrotoluene	9.76	165	24857	6.552	ng	#	17
65) 4,6-Dinitro-2-methylphenol	10.55	198	439	4.887	ng	#	1
67) 4-Bromophenyl-phenylether	10.55	248	15223	4.100	ng	#	1

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

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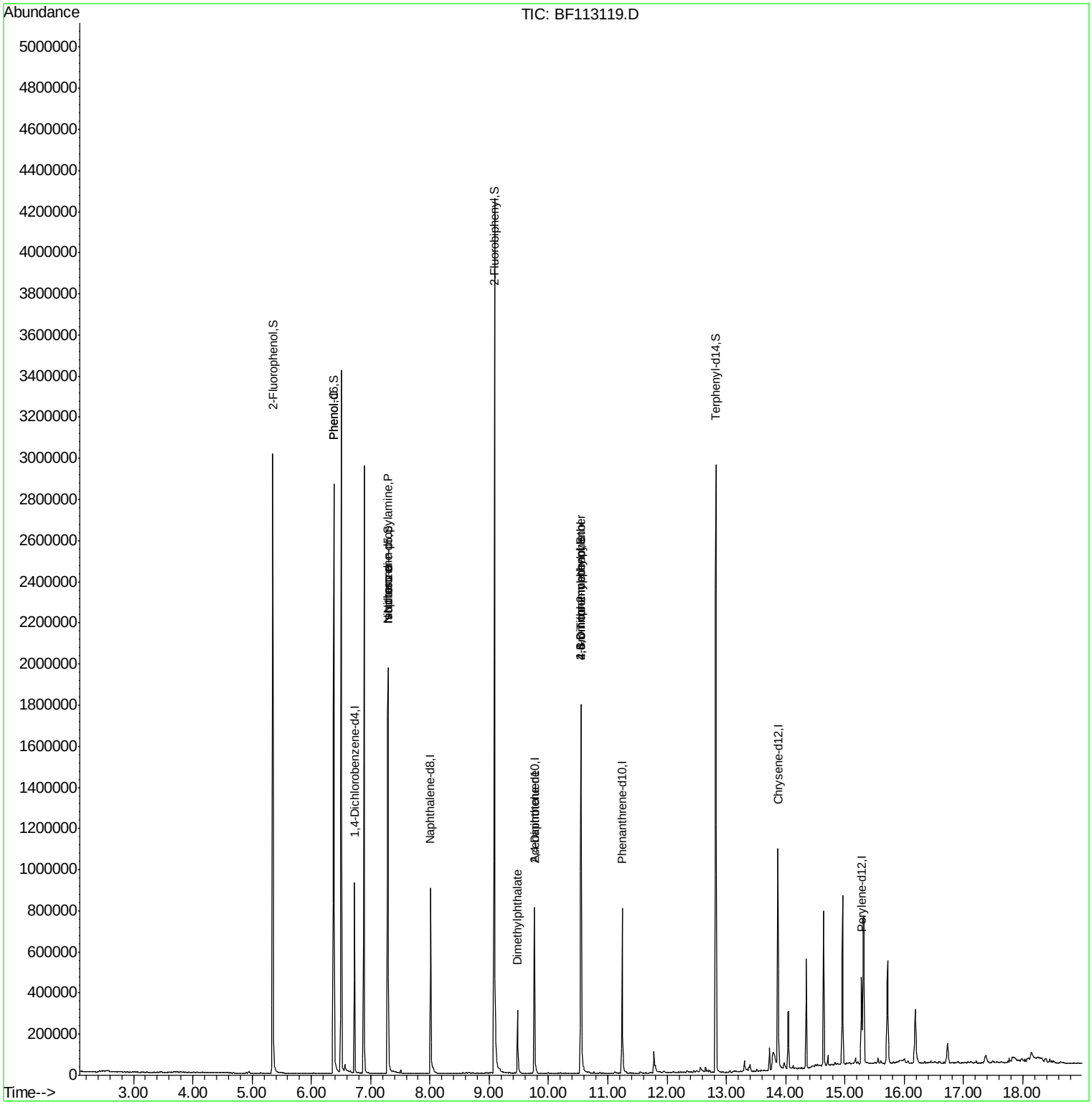
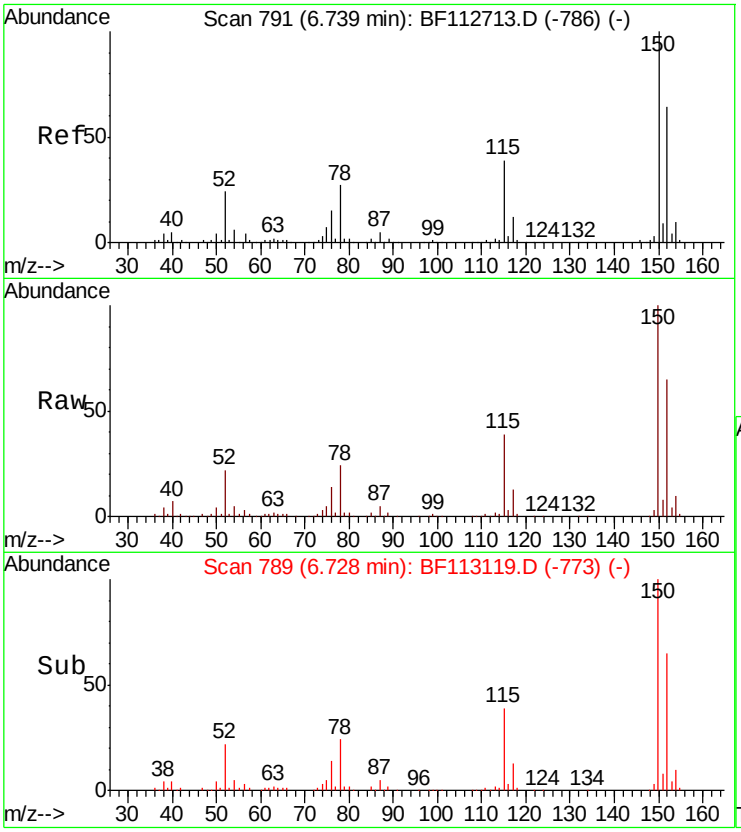


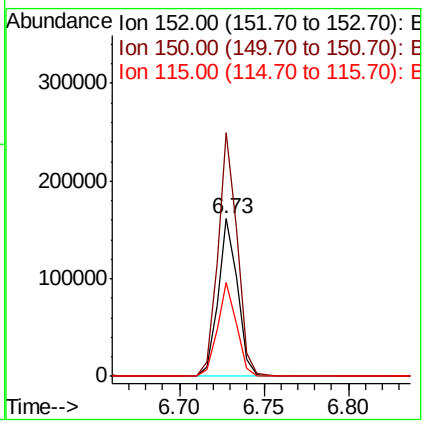


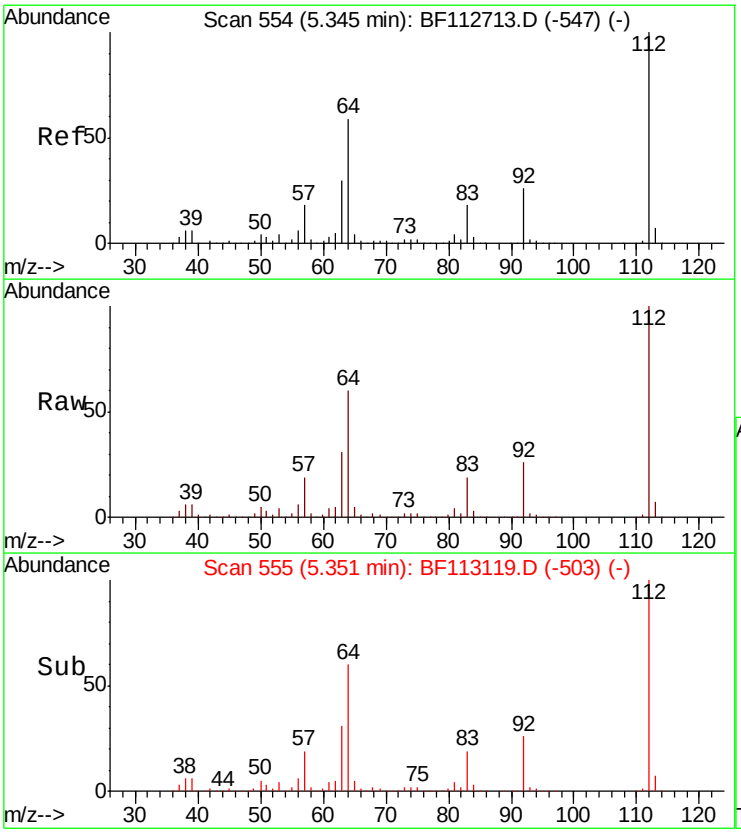
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113119.D
Acq: 19 Mar 2019 5:02

Instrument :
BNA_F
ClientSampleId :
PST-025-B128-031319

Tgt Ion:152 Resp: 129919

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.2	186.2
115	59.7	48.2	72.4

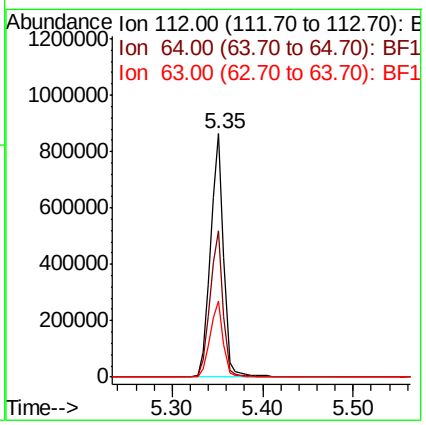


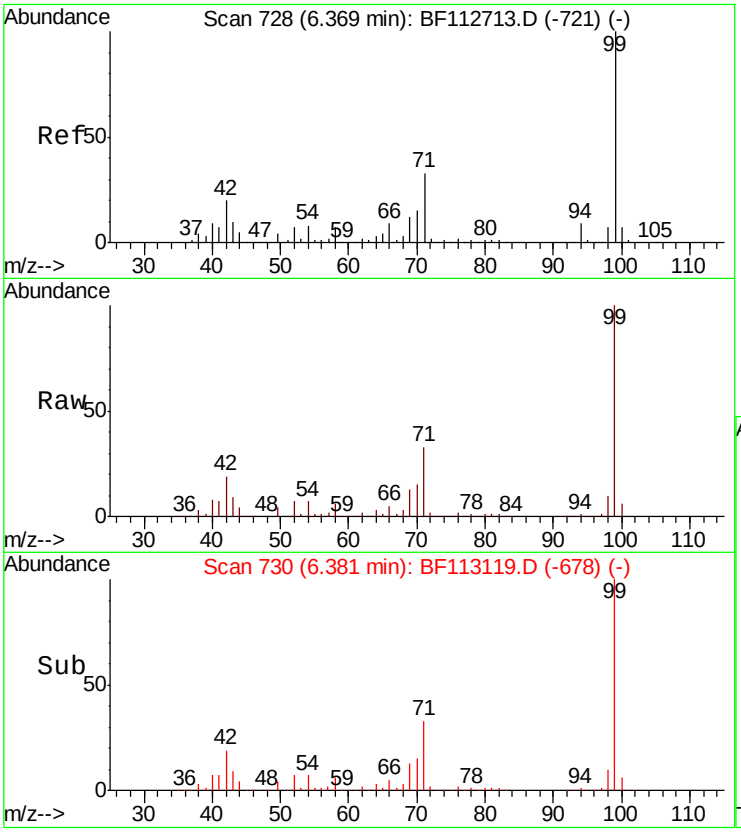


#5
2-Fluorophenol
Concen: 105.130 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF113119.D
Acq: 19 Mar 2019 5:02

Tgt Ion:112 Resp: 878042

Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.6	71.4
63	31.4	24.4	36.6



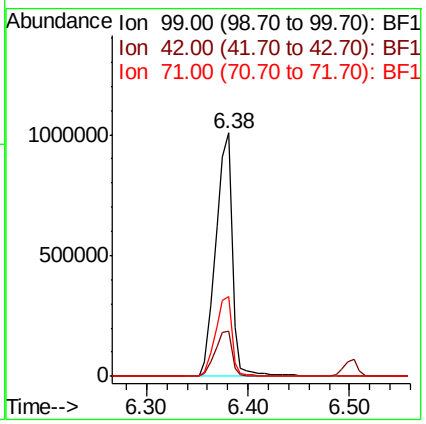


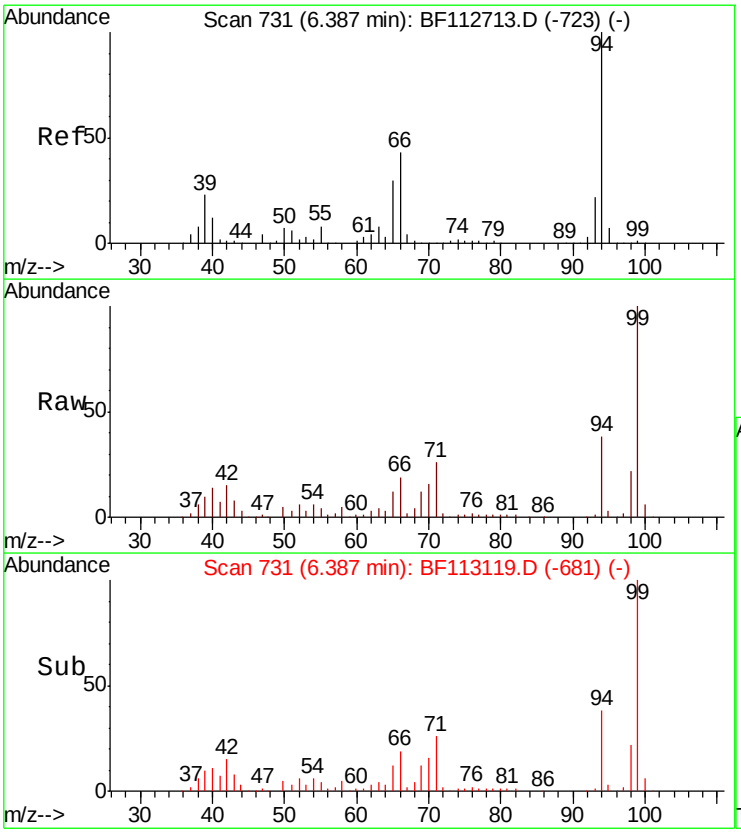
#7
Phenol-d6
Concen: 109.293 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF113119.D
Acq: 19 Mar 2019 5:02

Instrument :
BNA_F
ClientSampleId :
PST-025-B128-031319

Tgt Ion: 99 Resp: 1146641

Ion	Ratio	Lower	Upper
99	100		
42	18.6	16.3	24.5
71	33.0	26.2	39.4

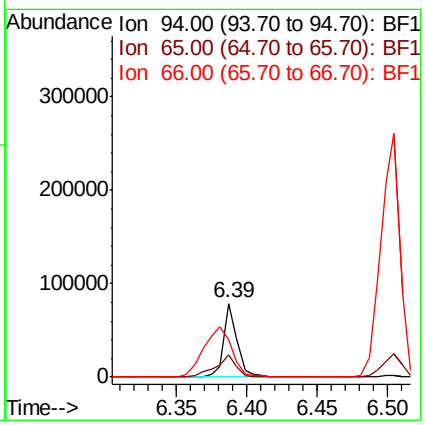


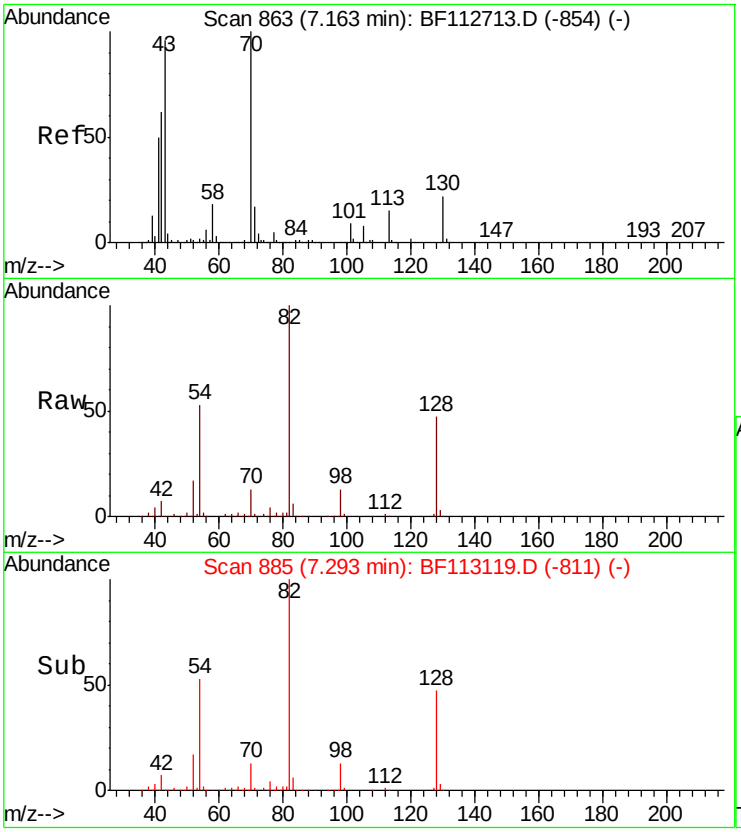


#10
Phenol
Concen: 4.357 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF113119.D
Acq: 19 Mar 2019 5:02

Tgt Ion: 94 Resp: 53337

Ion	Ratio	Lower	Upper
94	100		
65	30.8	10.5	50.5
66	50.3	22.6	62.6



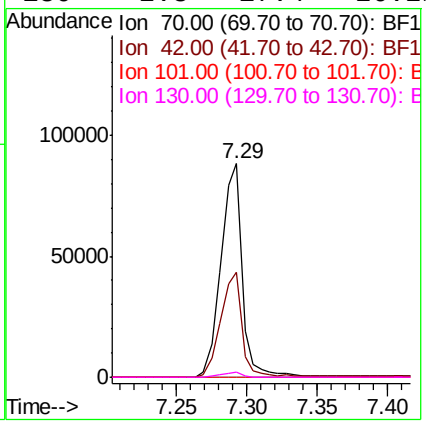


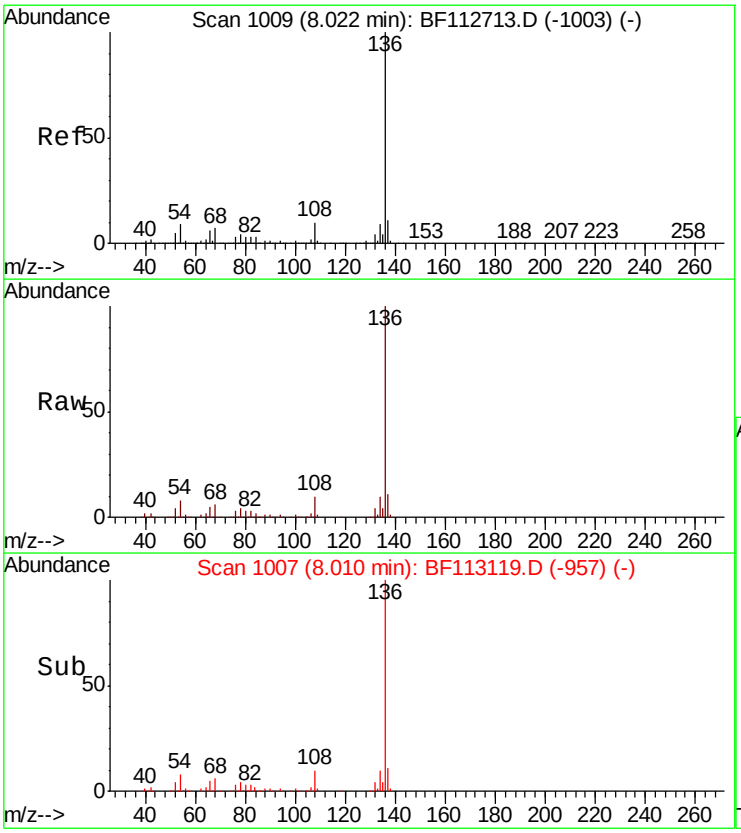
#19
n-Nitroso-di-n-propylamine
Concen: 13.982 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF113119.D
Acq: 19 Mar 2019 5:02

Instrument :
BNA_F
ClientSampleId :
PST-025-B128-031319

Tgt Ion: 70 Resp: 92907

Ion	Ratio	Lower	Upper
70	100		
42	49.3	49.9	74.9#
101	0.0	7.4	11.2#
130	2.3	17.4	26.2#

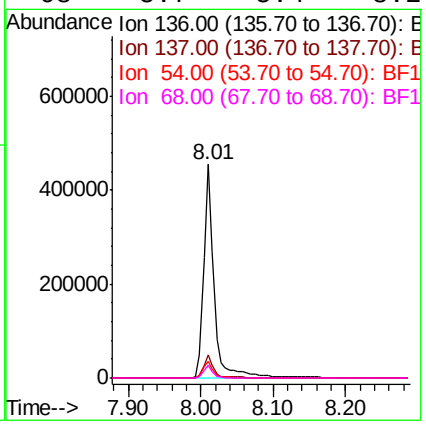


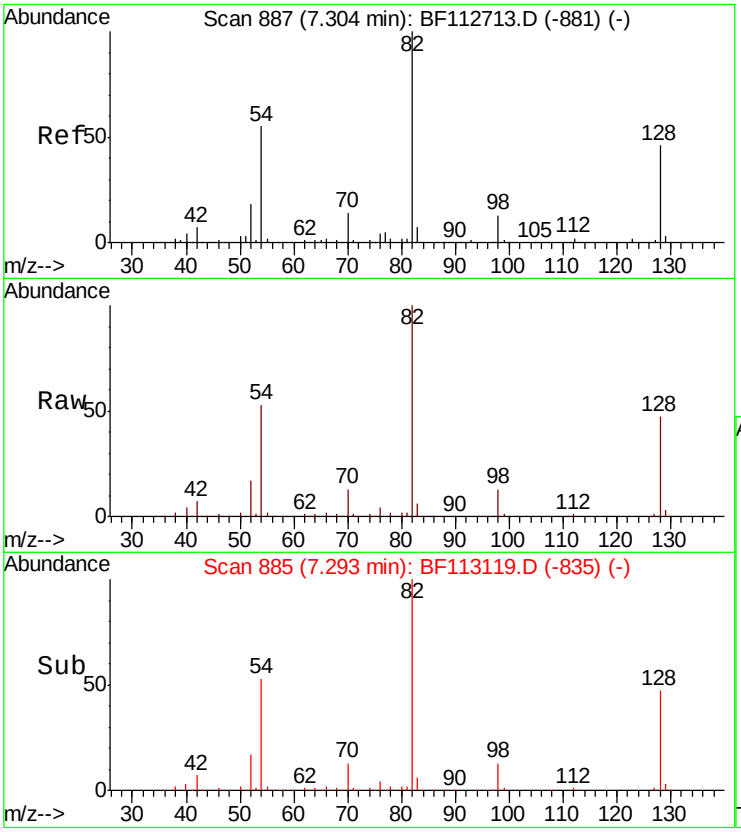


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113119.D
Acq: 19 Mar 2019 5:02

Tgt Ion:136 Resp: 461638

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.9	7.3	10.9
68	5.7	5.4	8.2



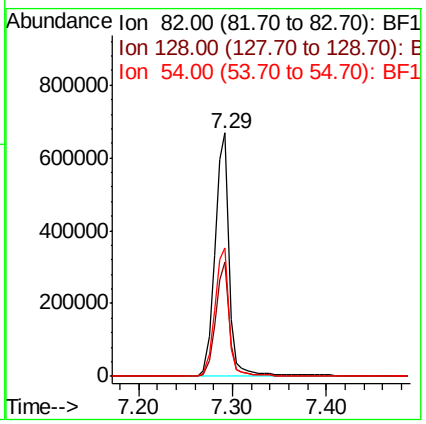


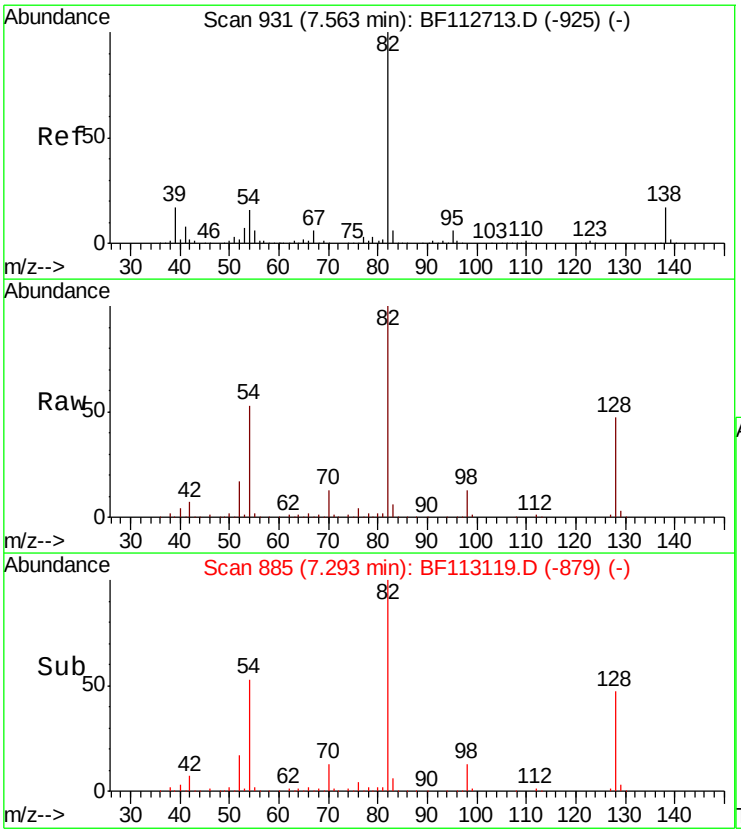
#23
Nitrobenzene-d5
Concen: 93.029 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113119.D
Acq: 19 Mar 2019 5:02

Instrument :
BNA_F
ClientSampleId :
PST-025-B128-031319

Tgt Ion: 82 Resp: 717700

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.3	54.5
54	52.7	43.7	65.5

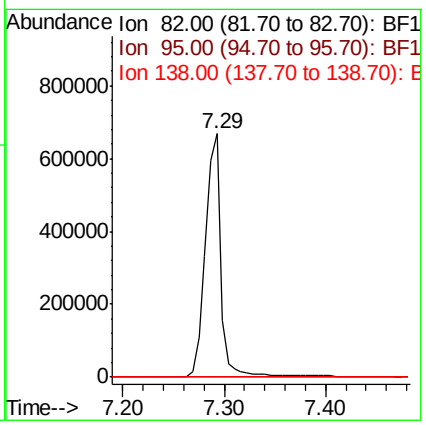


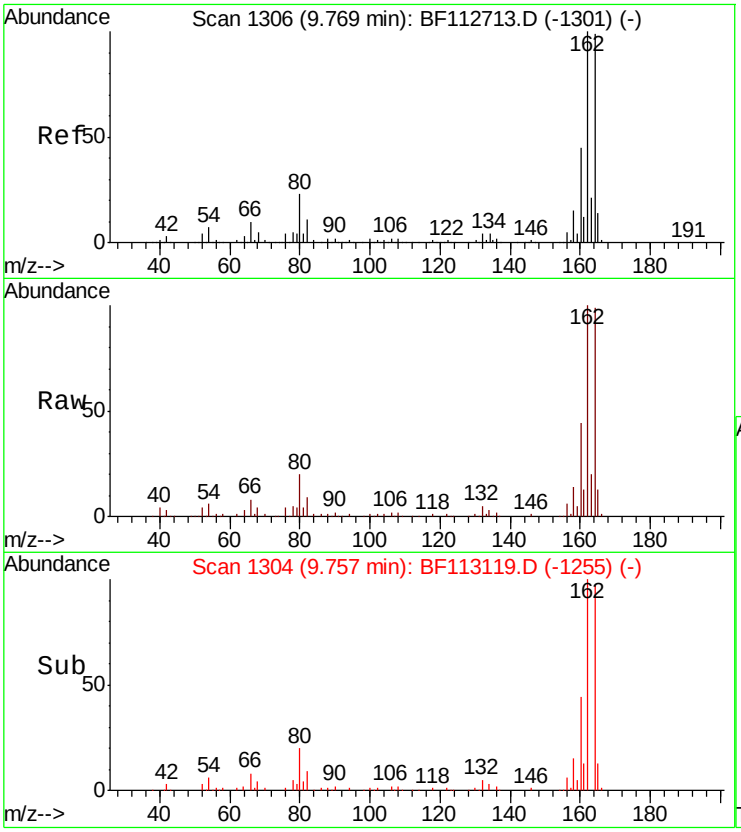


#25
Isophorone
Concen: 42.887 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF113119.D
Acq: 19 Mar 2019 5:02

Tgt Ion: 82 Resp: 712806

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



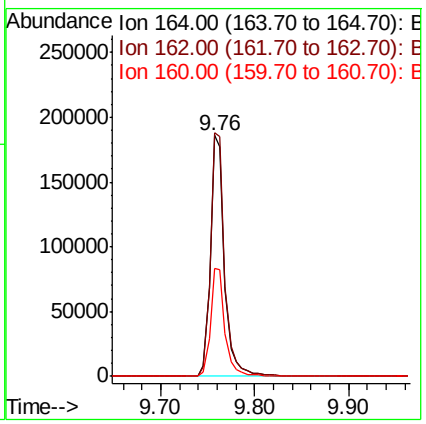


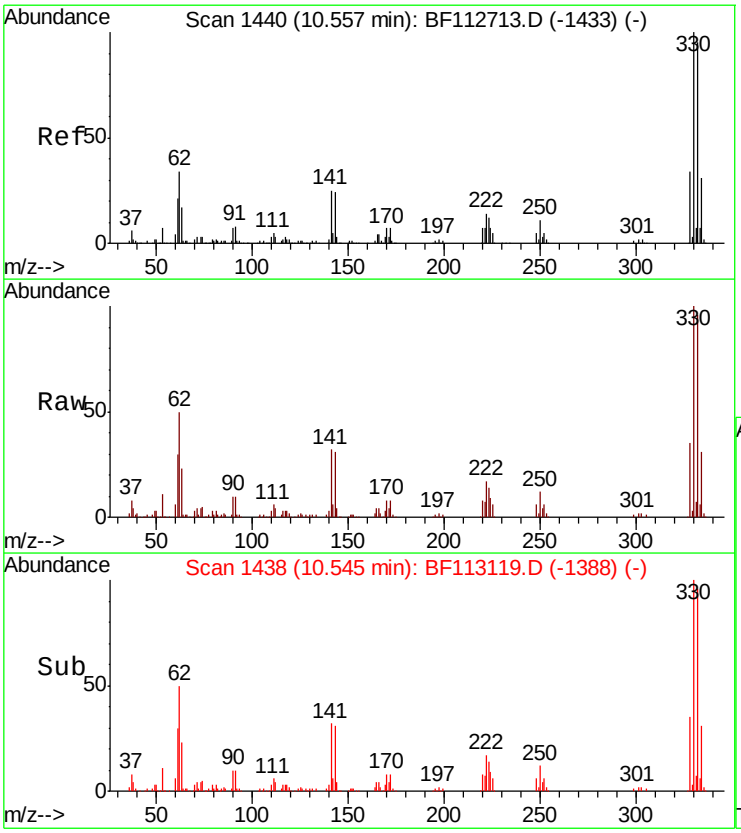
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113119.D
Acq: 19 Mar 2019 5:02

Instrument :
BNA_F
ClientSampleId :
PST-025-B128-031319

Tgt Ion:164 Resp: 198783

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.6	120.8
160	44.7	36.0	54.0

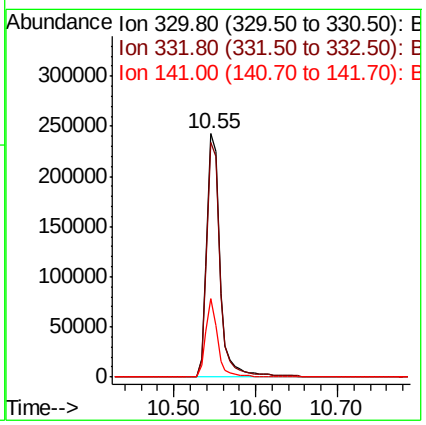


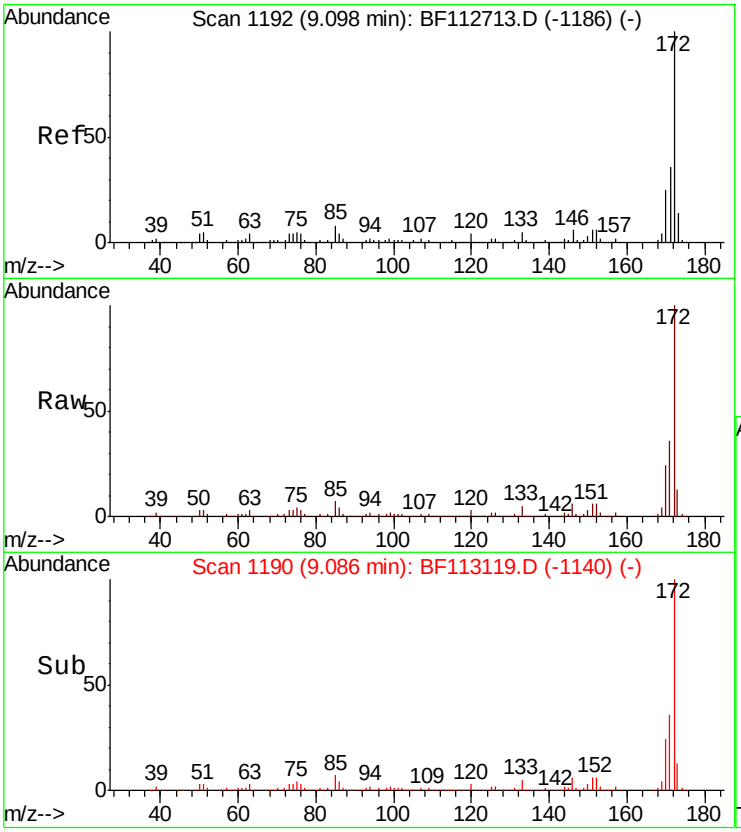


#42
2,4,6-Tribromophenol
Concen: 130.736 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113119.D
Acq: 19 Mar 2019 5:02

Tgt Ion:330 Resp: 275897

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.2	114.4
141	29.1	27.0	40.6



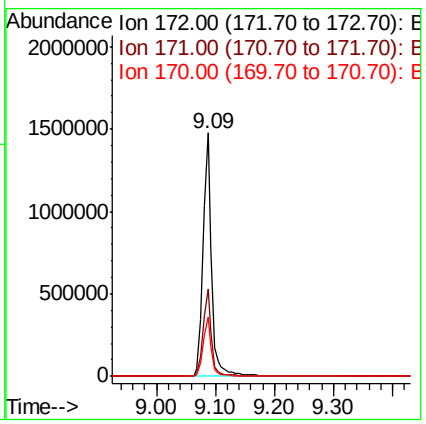


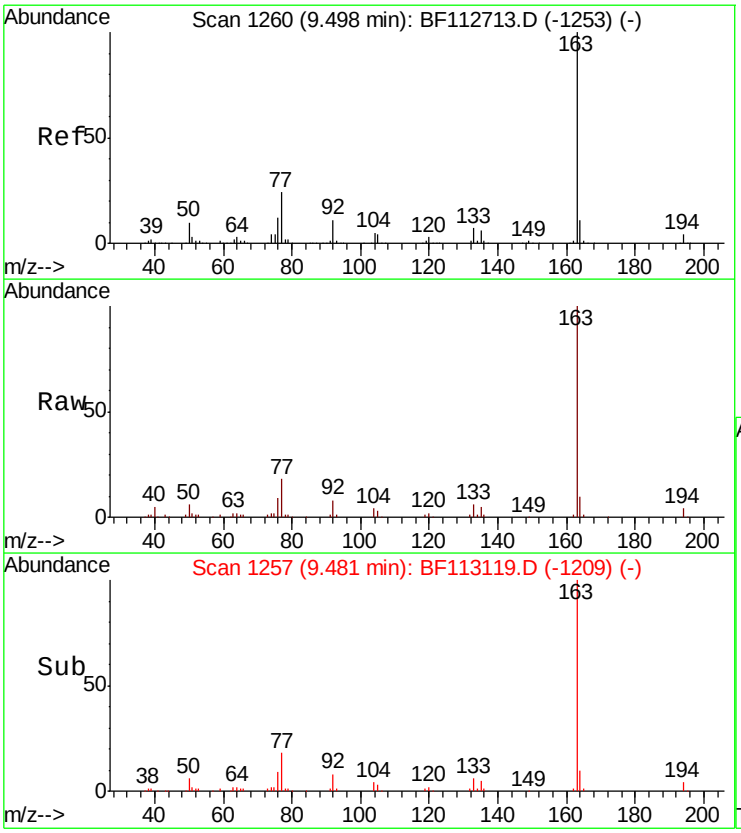
#45
2-Fluorobiphenyl
Concen: 161.627 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113119.D
Acq: 19 Mar 2019 5:02

Instrument :
BNA_F
ClientSampleId :
PST-025-B128-031319

Tgt Ion:172 Resp: 1493722

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	24.3	20.0	30.0

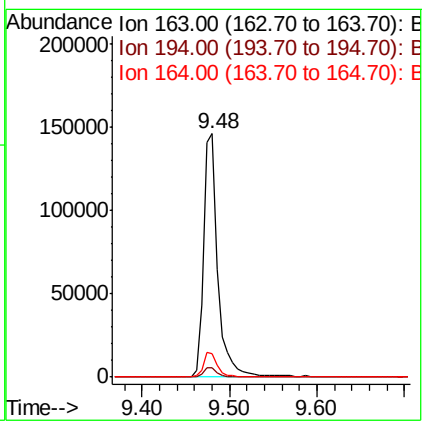


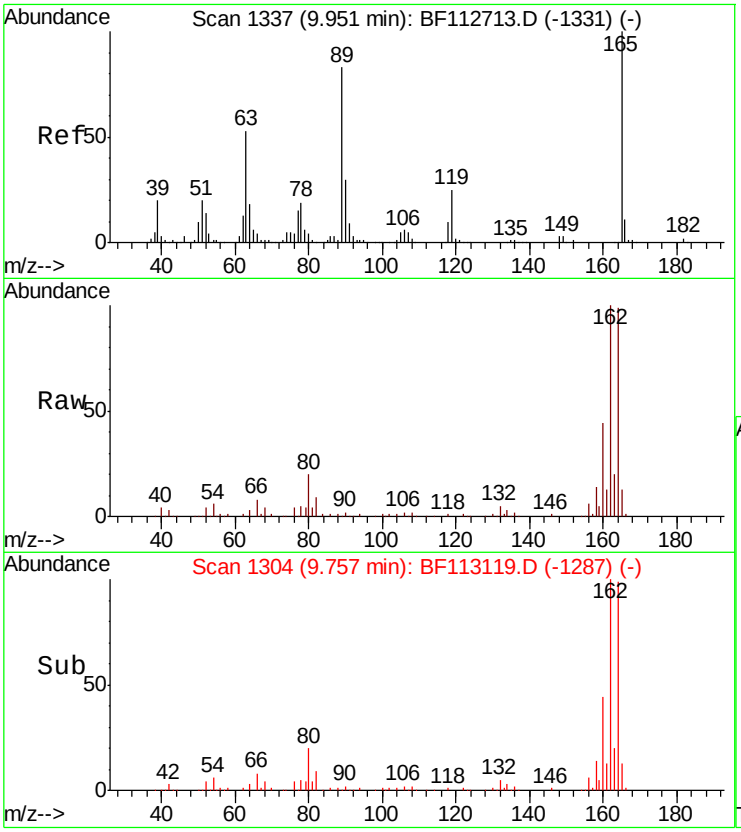


#50
Dimethylphthalate
Concen: 11.269 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113119.D
Acq: 19 Mar 2019 5:02

Tgt Ion:163 Resp: 165180

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	9.8	8.4	12.6



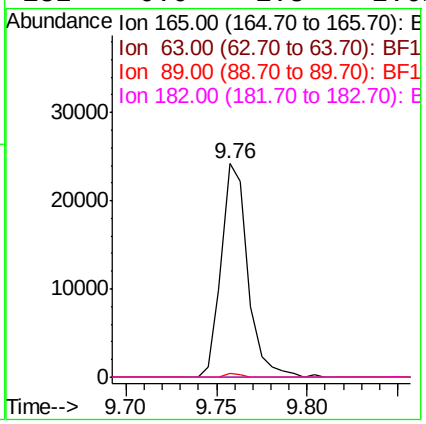


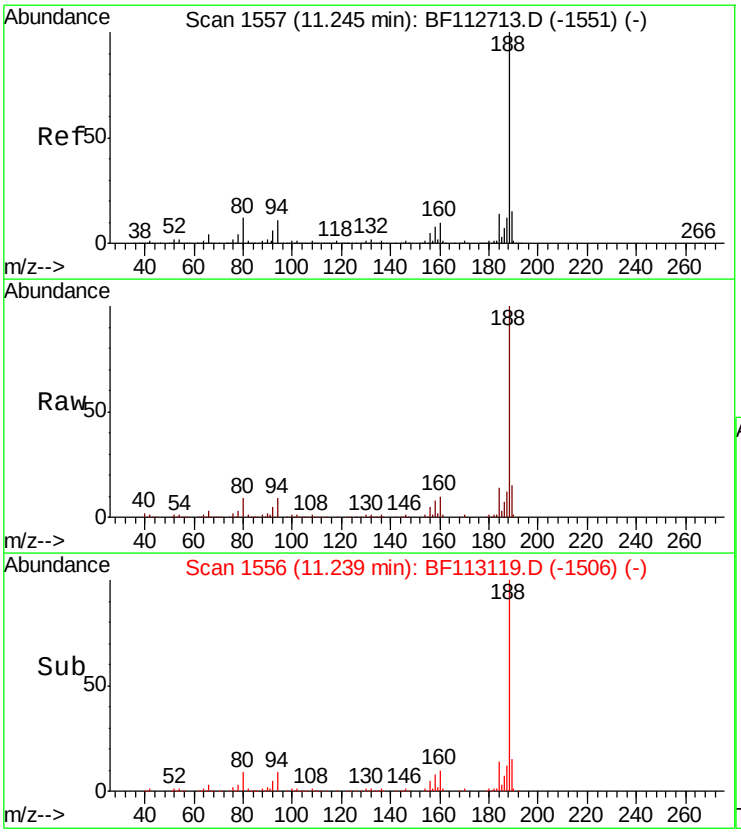
#57
2,4-Dinitrotoluene
Concen: 6.552 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113119.D
Acq: 19 Mar 2019 5:02

Instrument :
BNA_F
ClientSampleId :
PST-025-B128-031319

Tgt Ion:165 Resp: 24857

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.2	63.2#
89	1.6	66.2	99.4#
182	0.0	1.8	2.6#

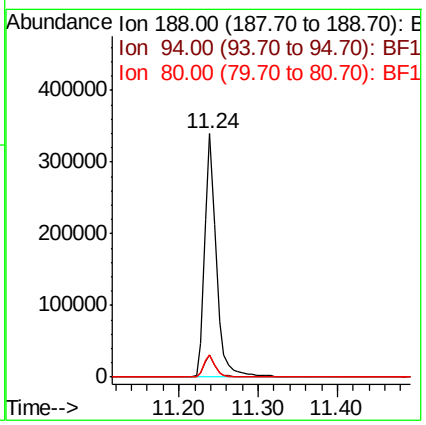


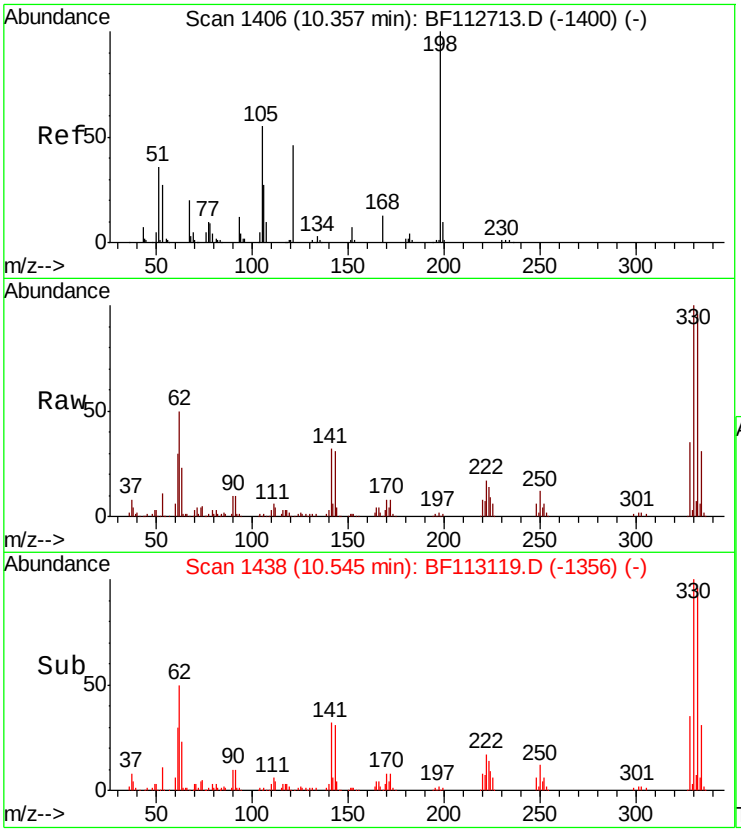


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113119.D
Acq: 19 Mar 2019 5:02

Tgt Ion:188 Resp: 352472

Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.0	13.4
80	9.1	9.2	13.8#



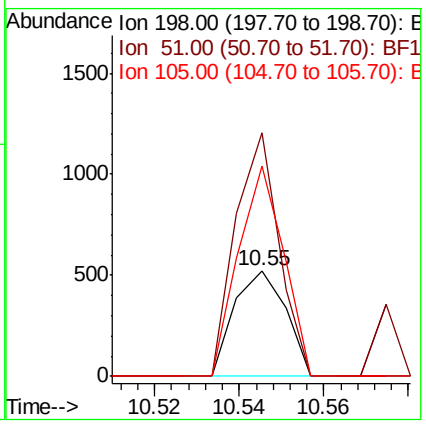


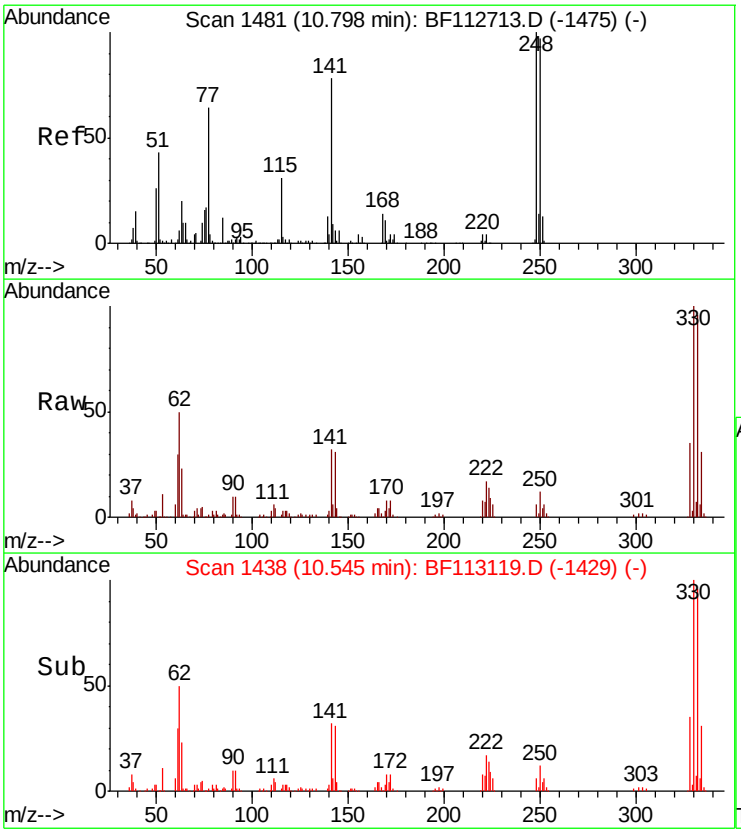
#65
4,6-Dinitro-2-methylphenol
Concen: 4.887 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF113119.D
Acq: 19 Mar 2019 5:02

Instrument :
BNA_F
ClientSampleId :
PST-025-B128-031319

Tgt Ion:198 Resp: 439

Ion	Ratio	Lower	Upper
198	100		
51	230.8	43.8	83.8#
105	199.4	36.5	76.5#

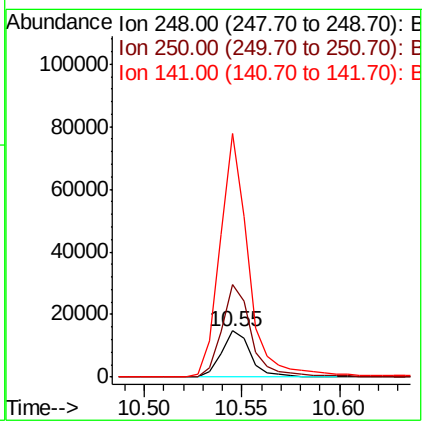


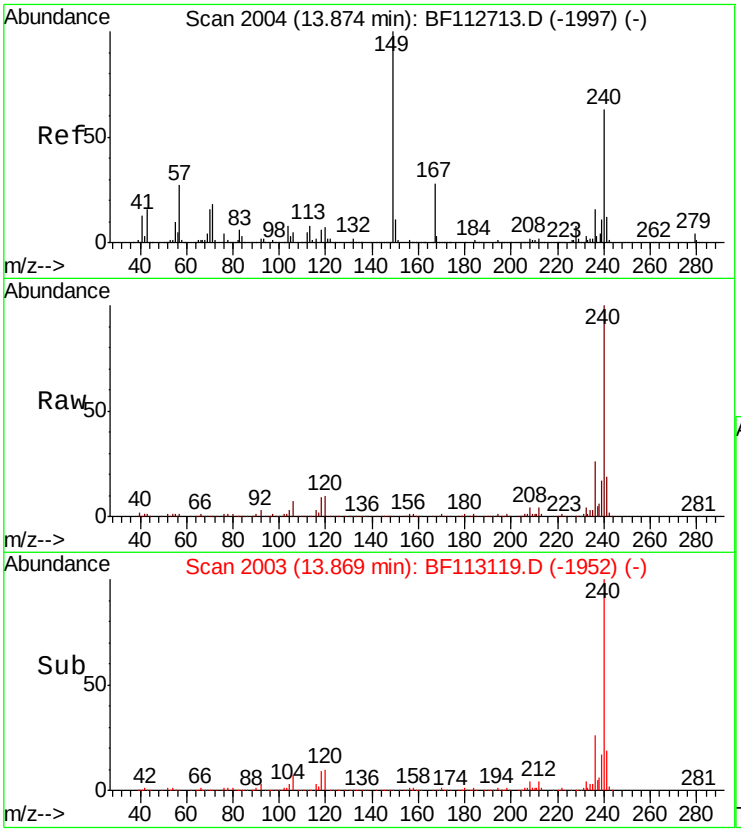


#67
4-Bromophenyl-phenylether
Concen: 4.100 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF113119.D
Acq: 19 Mar 2019 5:02

Tgt Ion:248 Resp: 15223

Ion	Ratio	Lower	Upper
248	100		
250	202.2	77.5	116.3#
141	530.8	62.4	93.6#



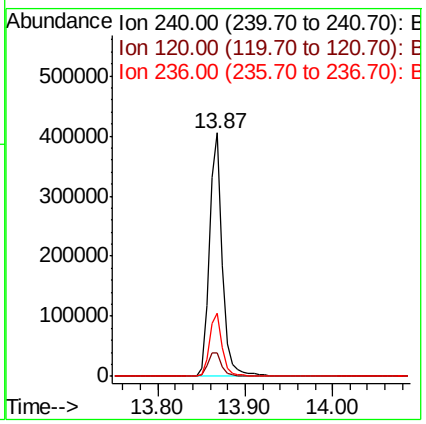


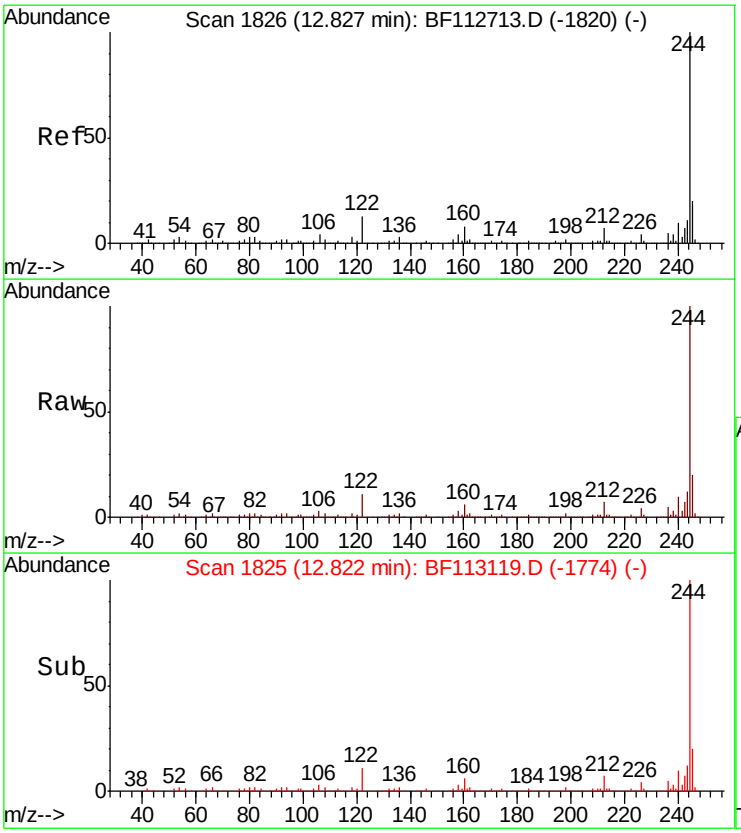
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF113119.D
Acq: 19 Mar 2019 5:02

Instrument :
BNA_F
ClientSampleId :
PST-025-B128-031319

Tgt Ion:240 Resp: 412277

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.9	13.3
236	25.7	20.7	31.1

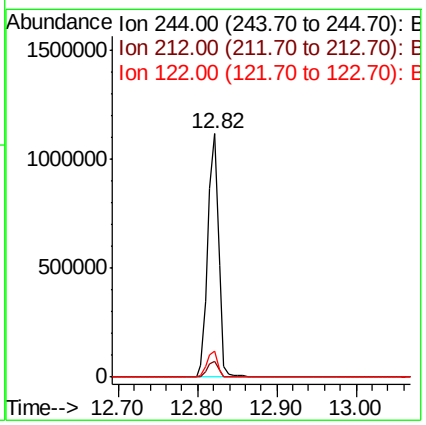


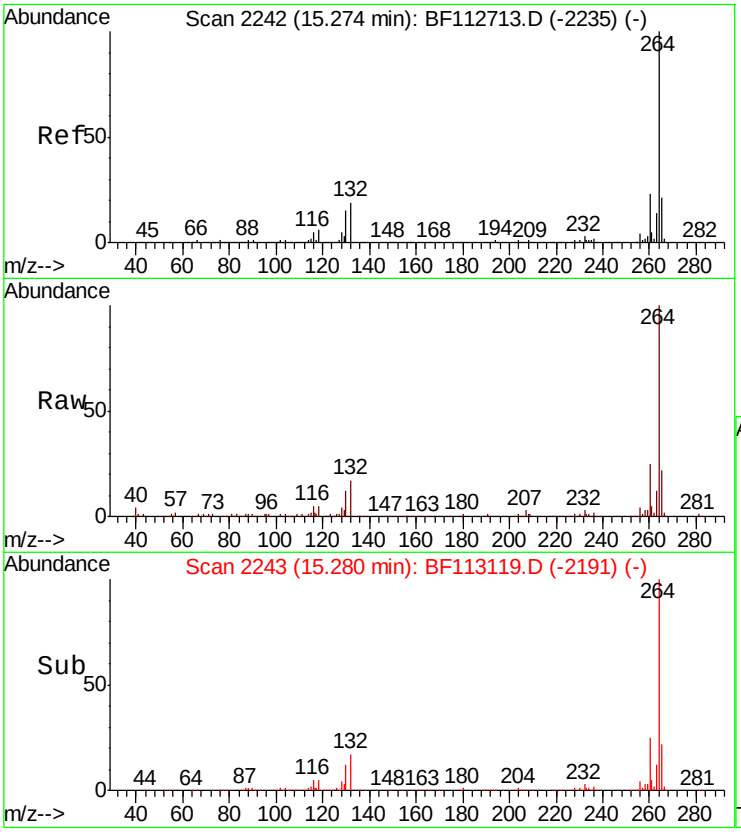


#79
Terphenyl-d14
Concen: 50.161 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF113119.D
Acq: 19 Mar 2019 5:02

Tgt Ion:244 Resp: 1066811

Ion	Ratio	Lower	Upper
244	100		
212	6.7	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: BF113119.D
Acq: 19 Mar 2019 5:02

Instrument :
BNA_F
ClientSampleId :
PST-025-B128-031319

Tgt Ion:264 Resp: 219924

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.7	28.1
265	21.7	17.2	25.8