Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042219\
Data File : BF113885.D
Acq On : 22 Apr 2019 18:45
Operator : JU/SJ
Sample : K2515-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

Quant Time: Apr 23 03:54:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	153845	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	571818	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	295058	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	564161	20.00	ng	0.00
76) Chrysene-d12	14.06	240	408861	20.00	ng	-0.01
87) Perylene-d12	15.55	264	426550	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1289852	143.40	ng	0.01
7) Phenol-d6	6.53	99	1666896	147.71	ng	0.00
23) Nitrobenzene-d5	7.45	82	1027079	110.90	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	537063	149.42	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1880865	99.70	ng	0.00
79) Terphenyl-d14	13.00	244	1941630	97.36	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.52	77	2848	Below Cal	#	3
15) Benzyl Alcohol	7.05	79	16480	2.168	ng #	47
19) n-Nitroso-di-n-propylamine	7.45	70	138584	18.963	ng #	78
25) Isophorone	7.45	82	1023526	54.013	ng #	65
50) Dimethylphthalate	9.64	163	150194	7.038	ng	99
57) 2,4-Dinitrotoluene	9.93	165	37832	6.547	ng #	29
65) 4,6-Dinitro-2-methylphenol	10.72	198	867	7.592	ng #	1
67) 4-Bromophenyl-phenylether	10.72	248	33256	4.880	ng #	1

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

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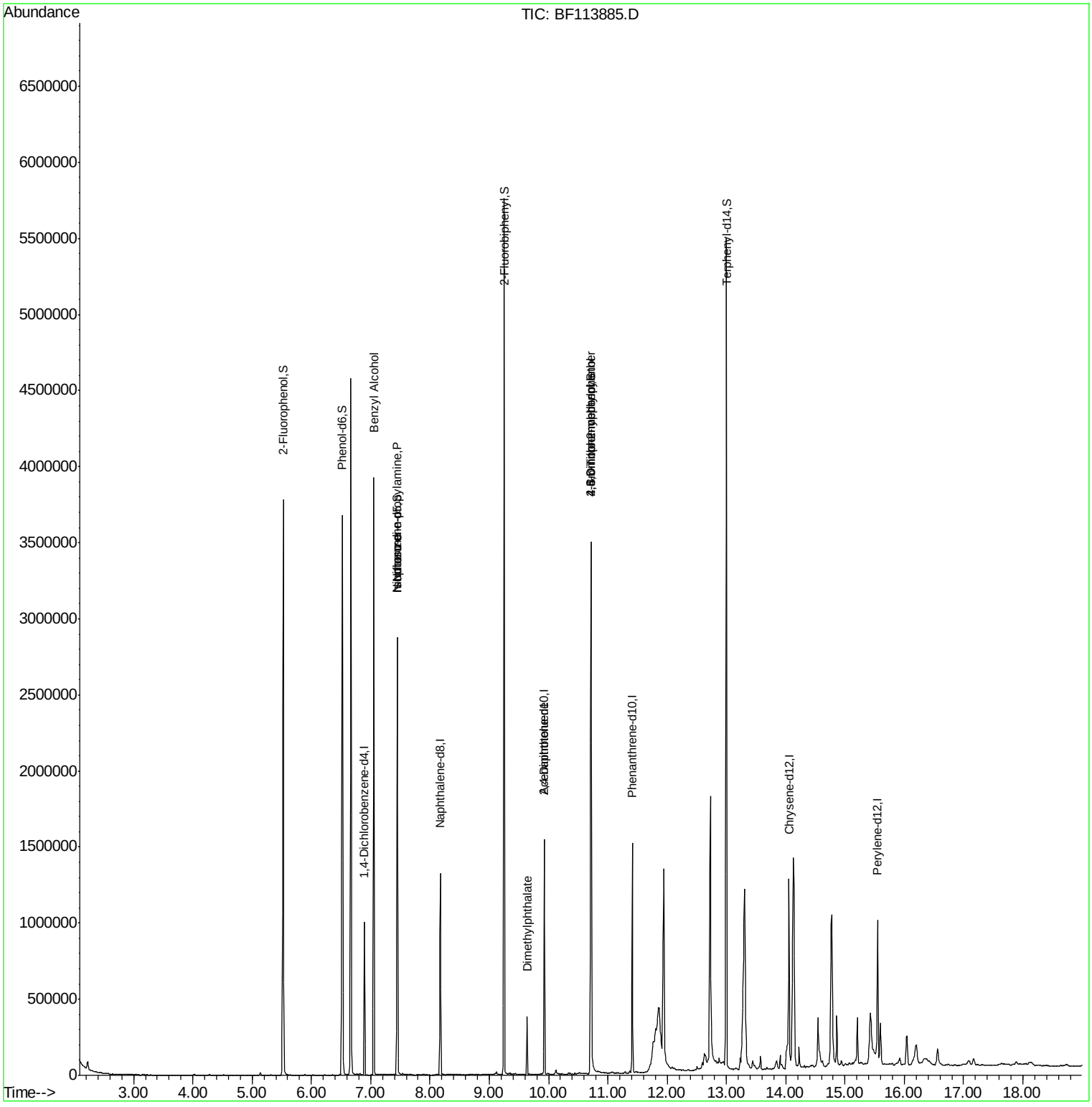
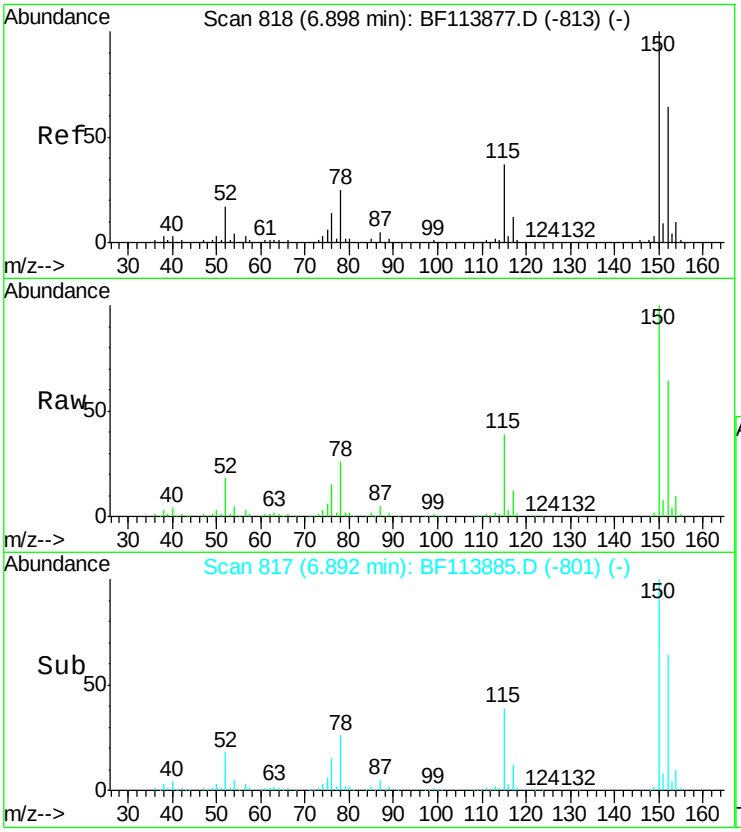


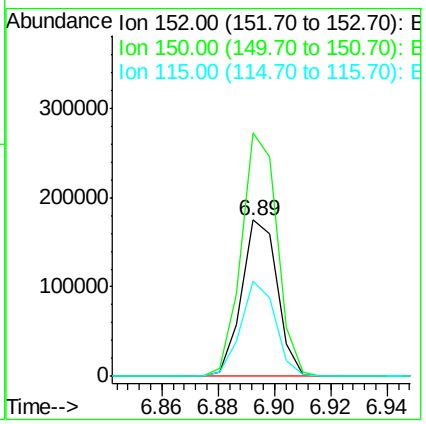


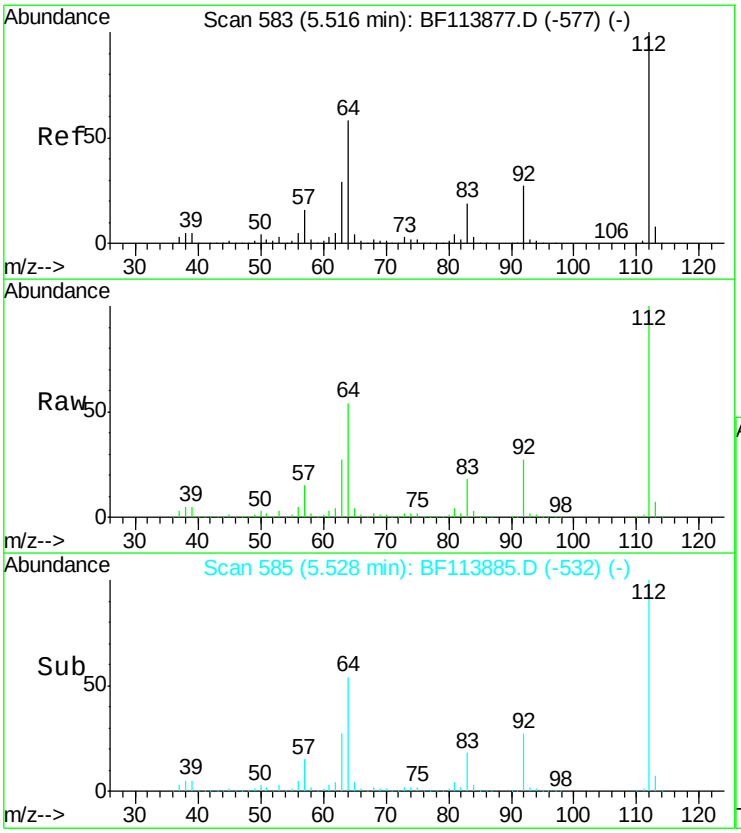
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113885.D
Acq: 22 Apr 2019 18:45

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion:152 Resp: 153845

Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.9	188.9
115	60.7	45.9	68.9

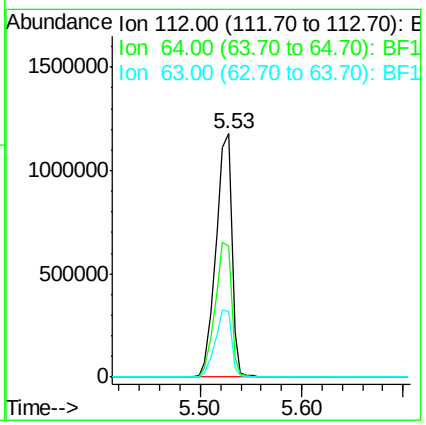


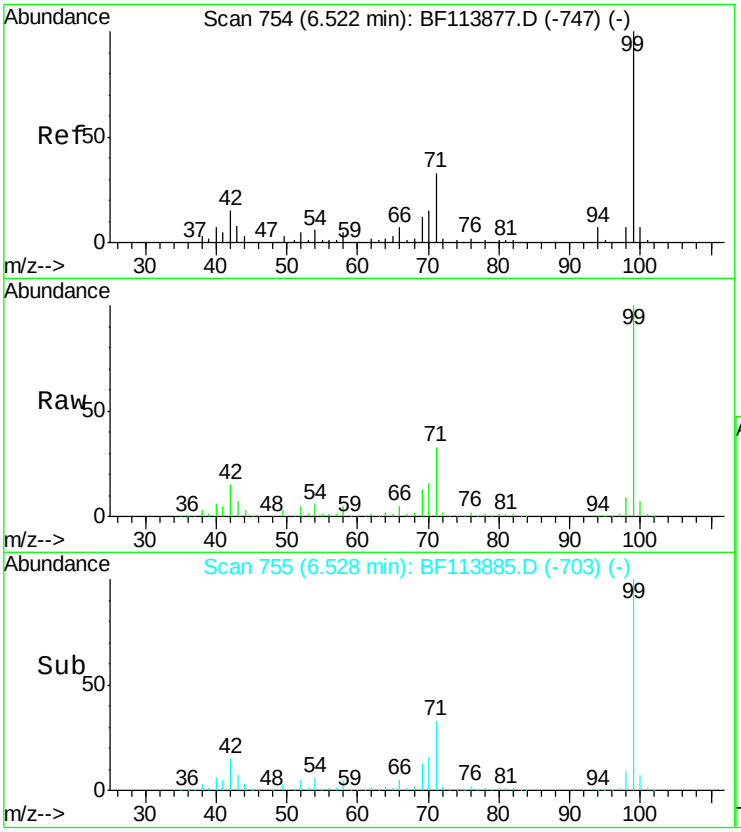


#5
2-Fluorophenol
Concen: 143.398 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF113885.D
Acq: 22 Apr 2019 18:45

Tgt Ion:112 Resp: 1289852

Ion	Ratio	Lower	Upper
112	100		
64	53.7	46.6	69.8
63	26.8	23.1	34.7



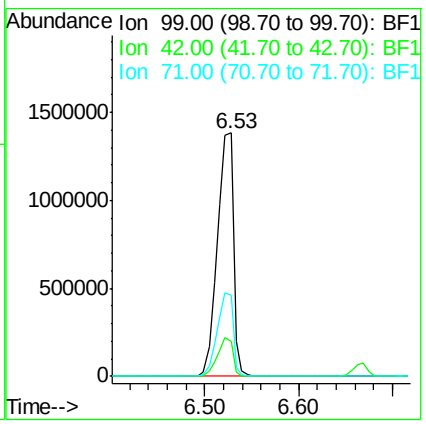


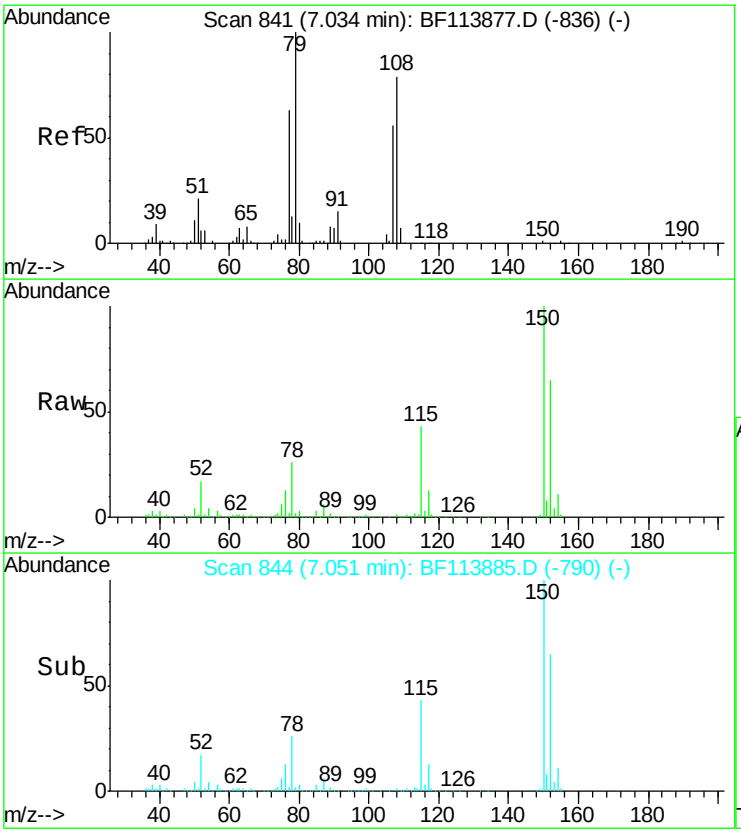
#7
Phenol-d6
Concen: 147.707 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF113885.D
Acq: 22 Apr 2019 18:45

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion: 99 Resp: 1666896

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.5	18.7
71	33.2	26.9	40.3

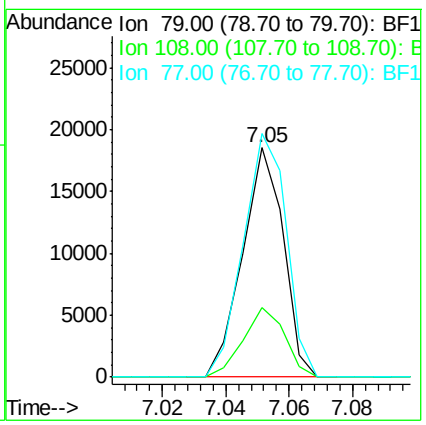


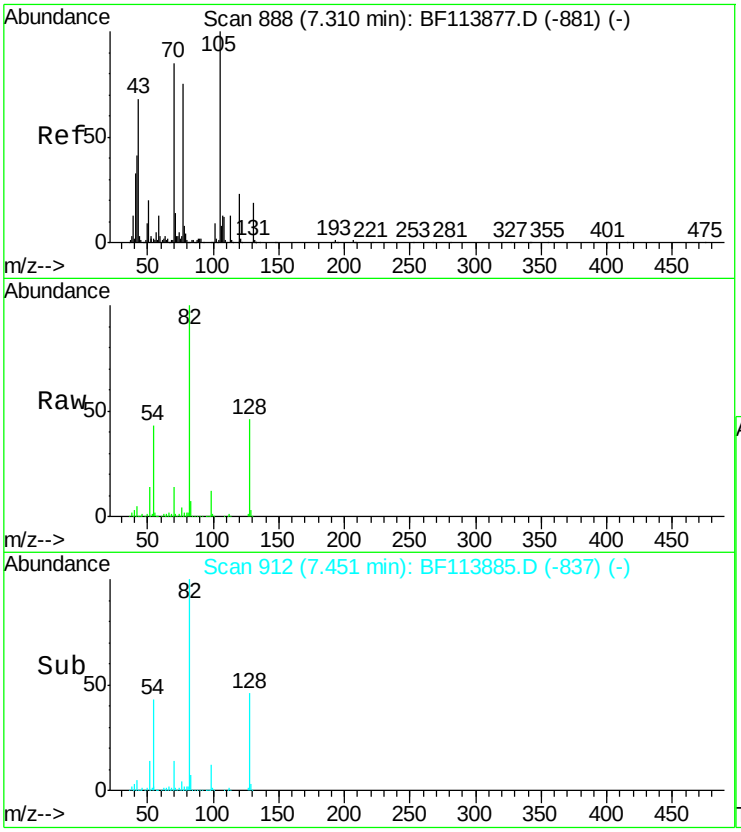


#15
Benzyl Alcohol
Concen: 2.168 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.02 min
Lab File: BF113885.D
Acq: 22 Apr 2019 18:45

Tgt Ion: 79 Resp: 16480

Ion	Ratio	Lower	Upper
79	100		
108	30.5	61.4	92.0#
77	106.3	51.6	77.4#



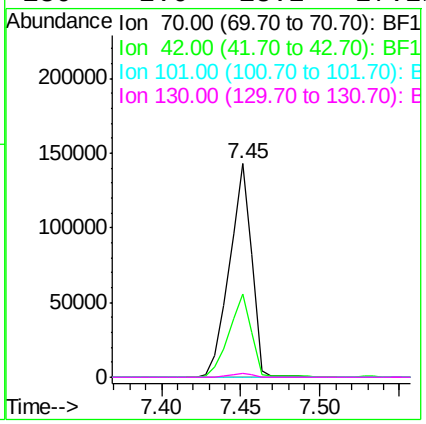


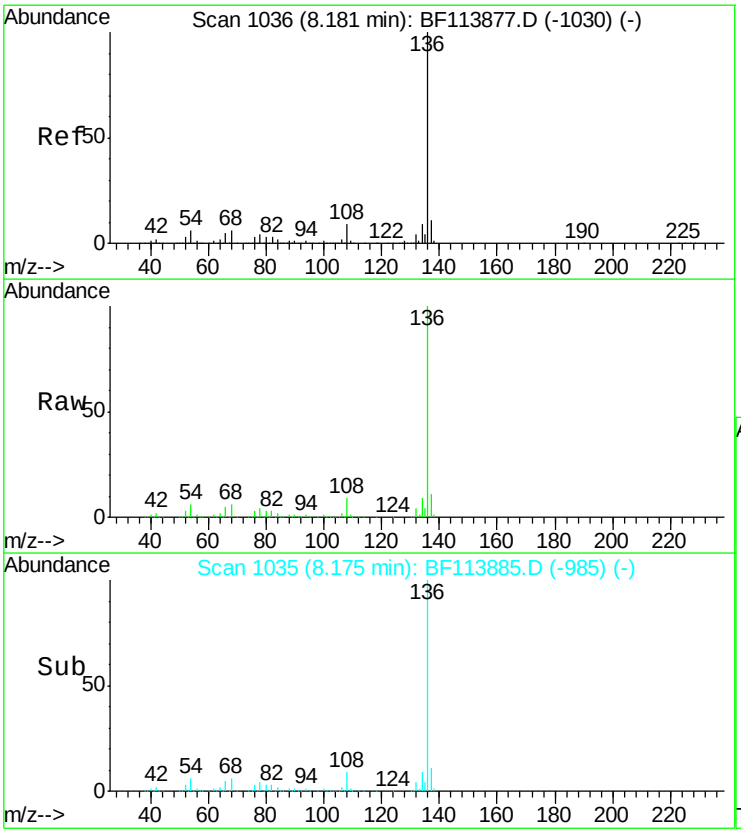
#19
n-Nitroso-di-n-propylamine
Concen: 18.963 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF113885.D
Acq: 22 Apr 2019 18:45

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion: 70 Resp: 138584

Ion	Ratio	Lower	Upper
70	100		
42	38.8	37.3	55.9
101	0.0	7.8	11.8#
130	2.0	18.2	27.2#

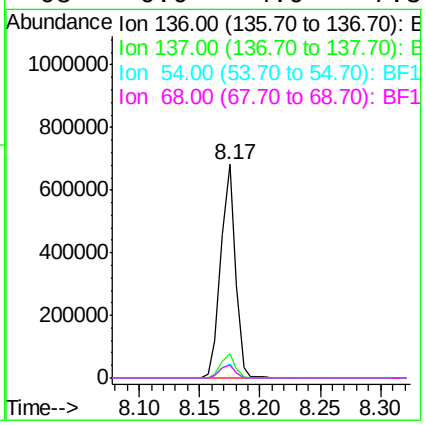


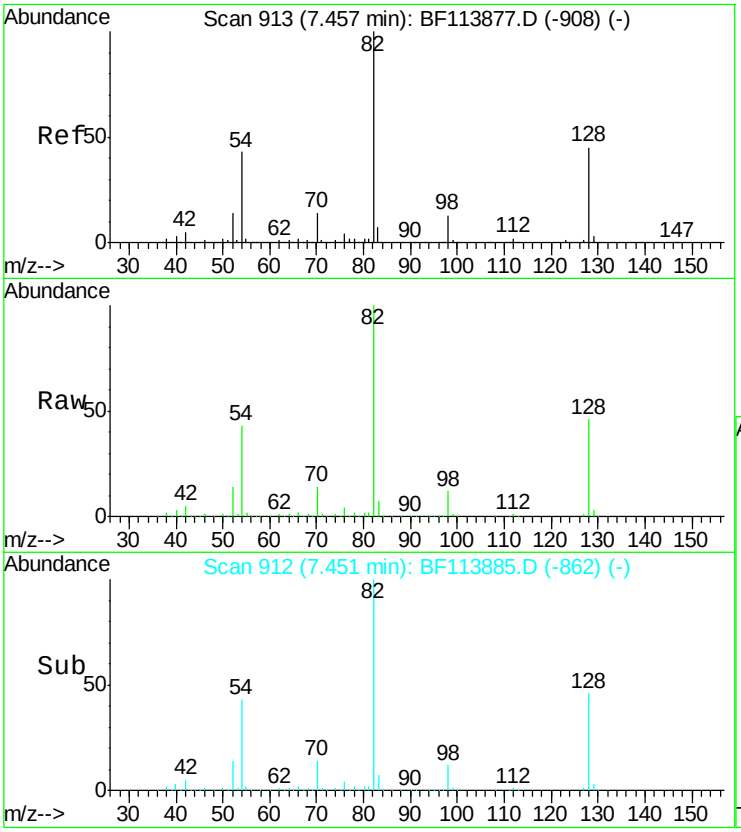


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF113885.D
Acq: 22 Apr 2019 18:45

Tgt Ion:136 Resp: 571818

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	6.4	5.0	7.6
68	6.0	4.9	7.3



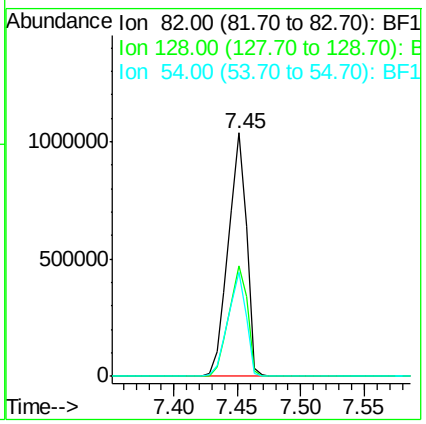


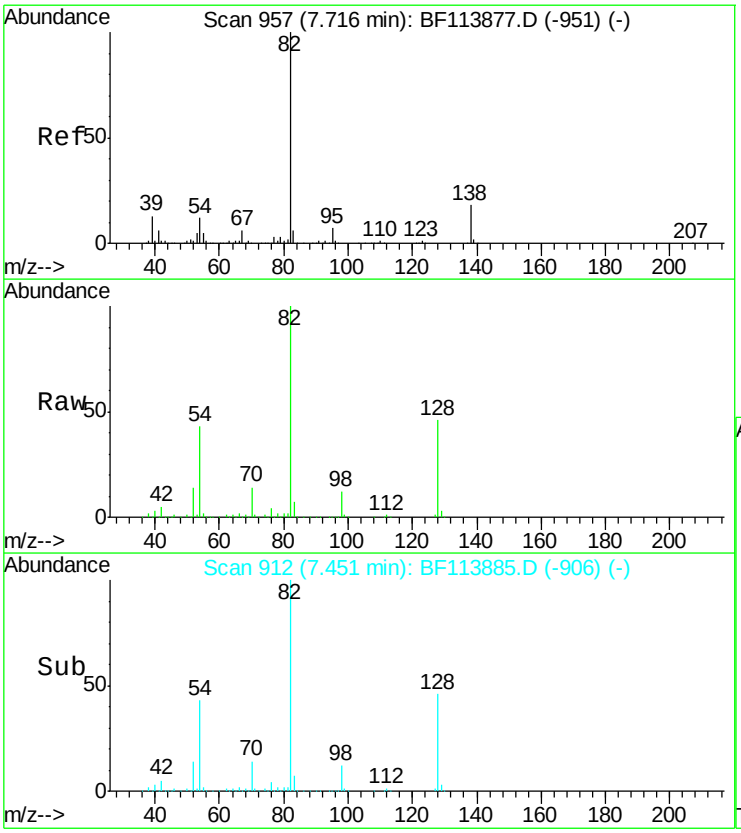
#23
Nitrobenzene-d5
Concen: 110.902 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113885.D
Acq: 22 Apr 2019 18:45

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion: 82 Resp: 1027079

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.8	55.2
54	42.5	33.8	50.6

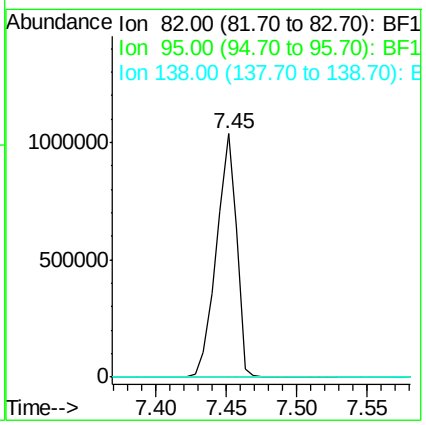


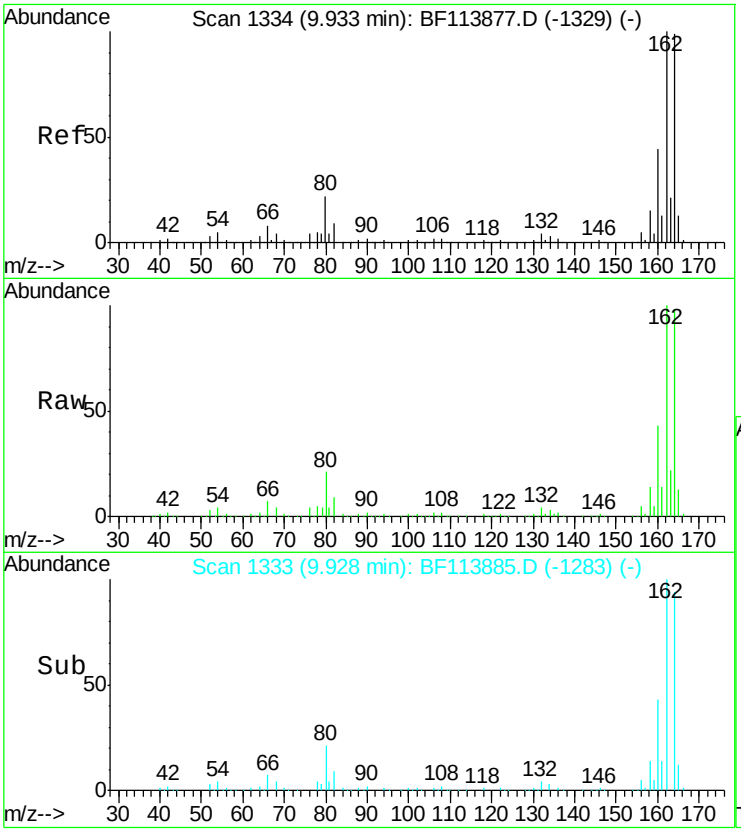


#25
Isophorone
Concen: 54.013 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF113885.D
Acq: 22 Apr 2019 18:45

Tgt Ion: 82 Resp: 1023526

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	22.0#



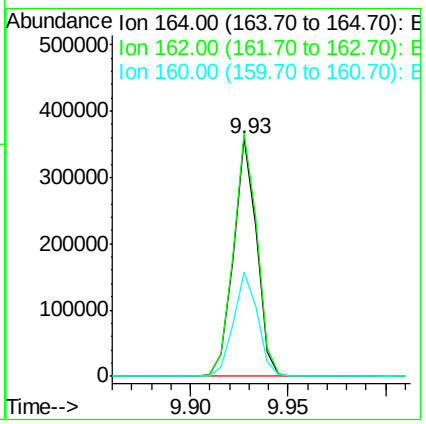


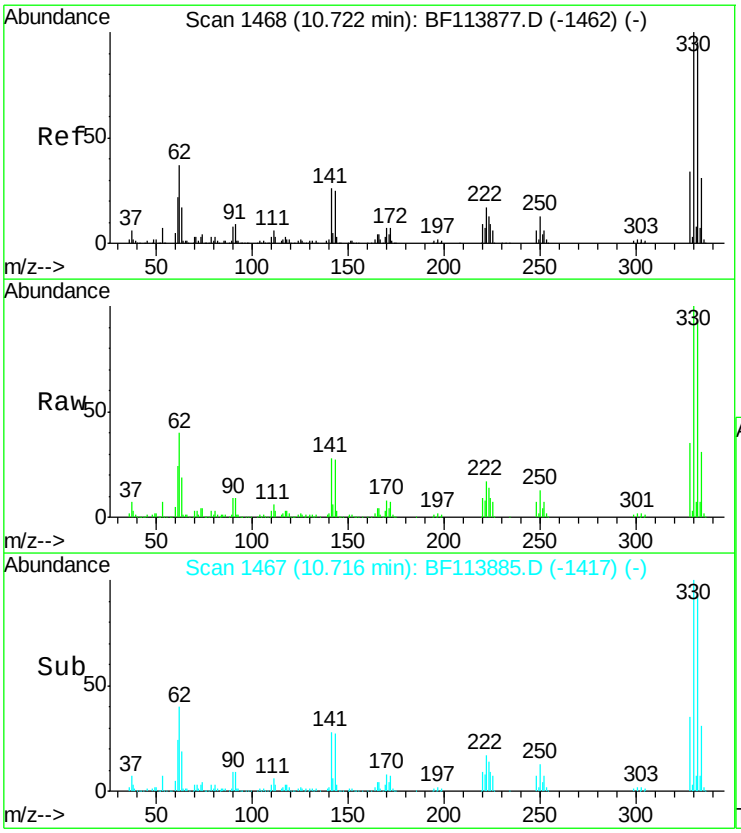
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF113885.D
Acq: 22 Apr 2019 18:45

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion:164 Resp: 295058

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.1	121.7
160	43.9	35.8	53.6

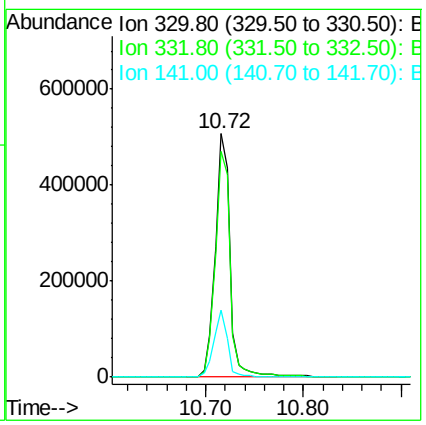


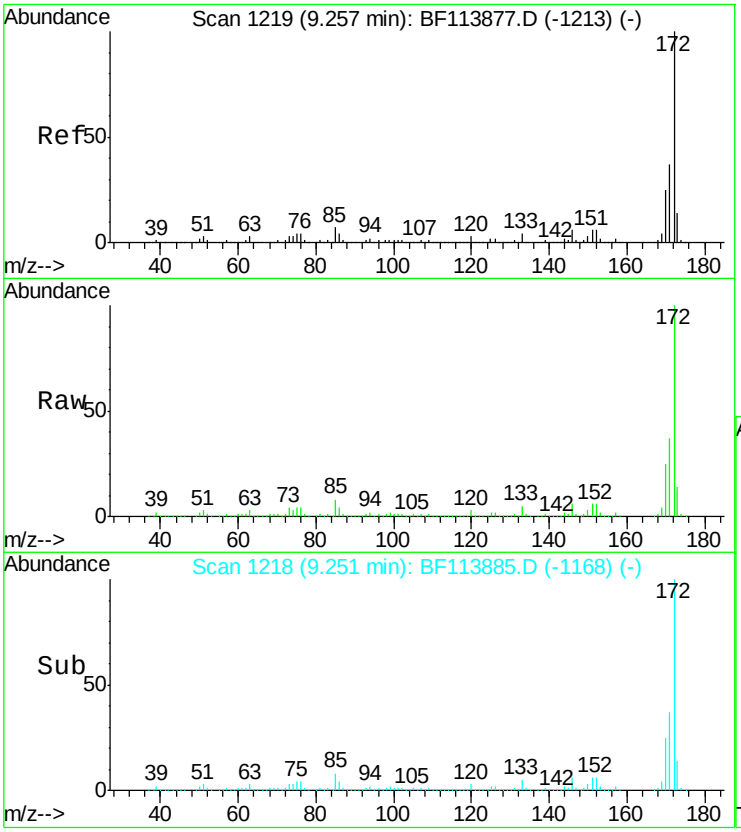


#42
2,4,6-Tribromophenol
Concen: 149.416 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF113885.D
Acq: 22 Apr 2019 18:45

Tgt Ion:330 Resp: 537063

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.5	116.3
141	26.3	22.2	33.2



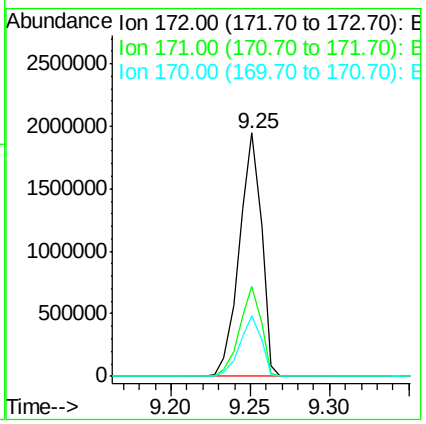


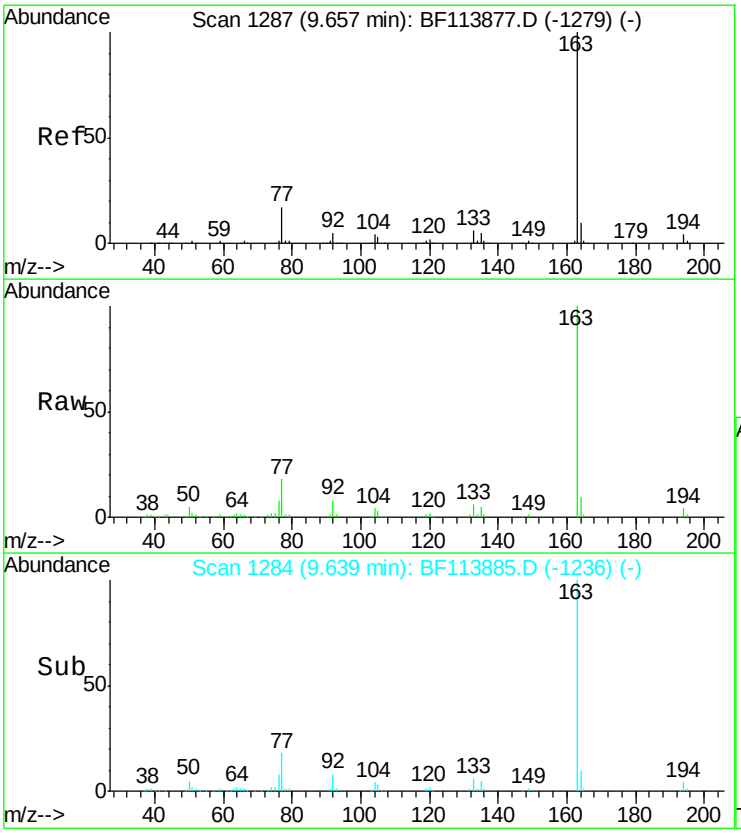
#45
2-Fluorobiphenyl
Concen: 99.700 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF113885.D
Acq: 22 Apr 2019 18:45

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion:172 Resp: 1880865

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.0
170	24.9	19.9	29.9

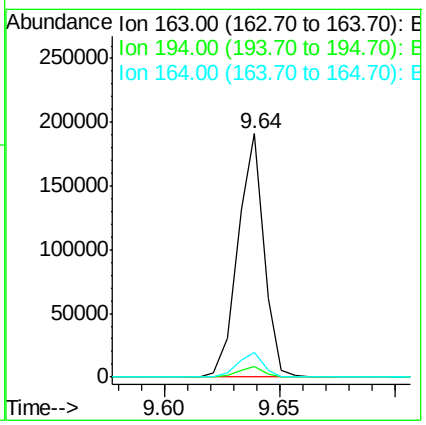


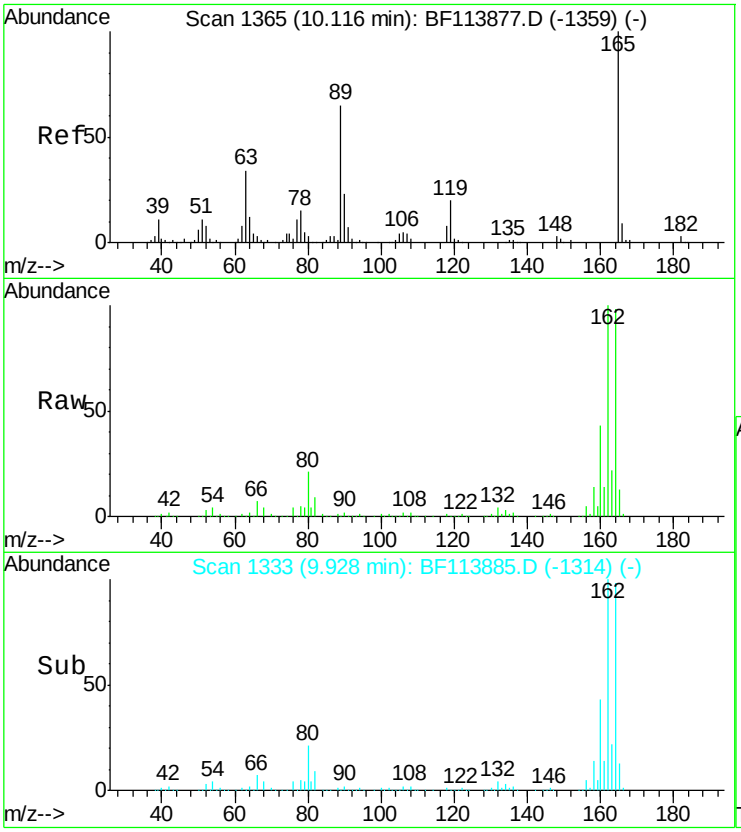


#50
Dimethylphthalate
Concen: 7.038 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113885.D
Acq: 22 Apr 2019 18:45

Tgt Ion:163 Resp: 150194

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.0	8.5	12.7



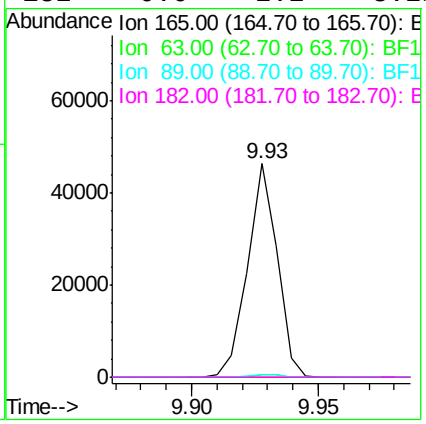


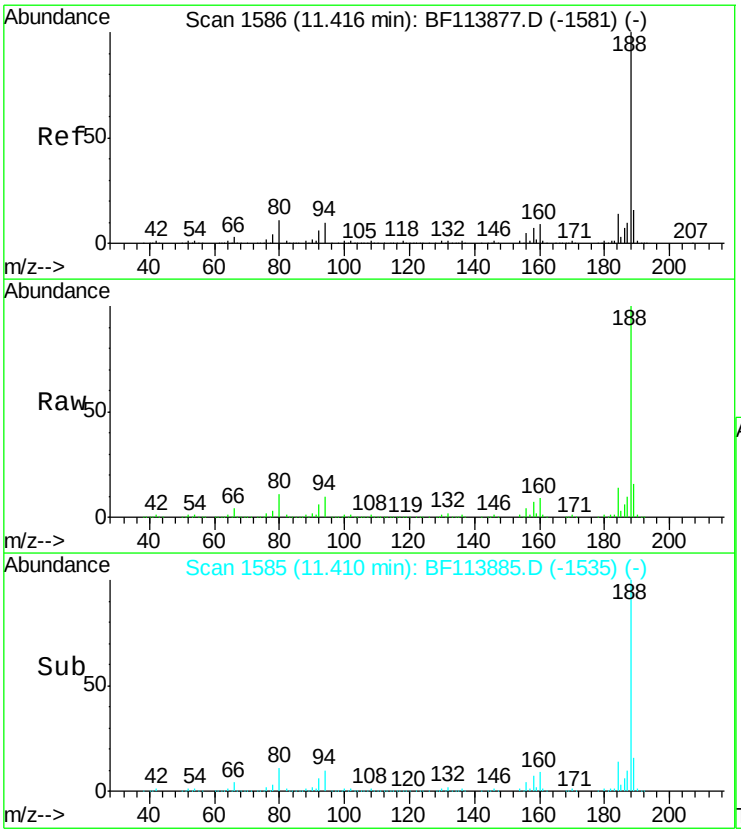
#57
2,4-Dinitrotoluene
Concen: 6.547 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF113885.D
Acq: 22 Apr 2019 18:45

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion:165 Resp: 37832

Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.4	41.0#
89	1.2	51.8	77.6#
182	0.0	2.2	3.2#

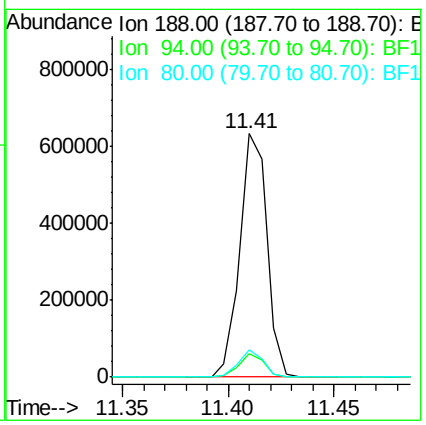


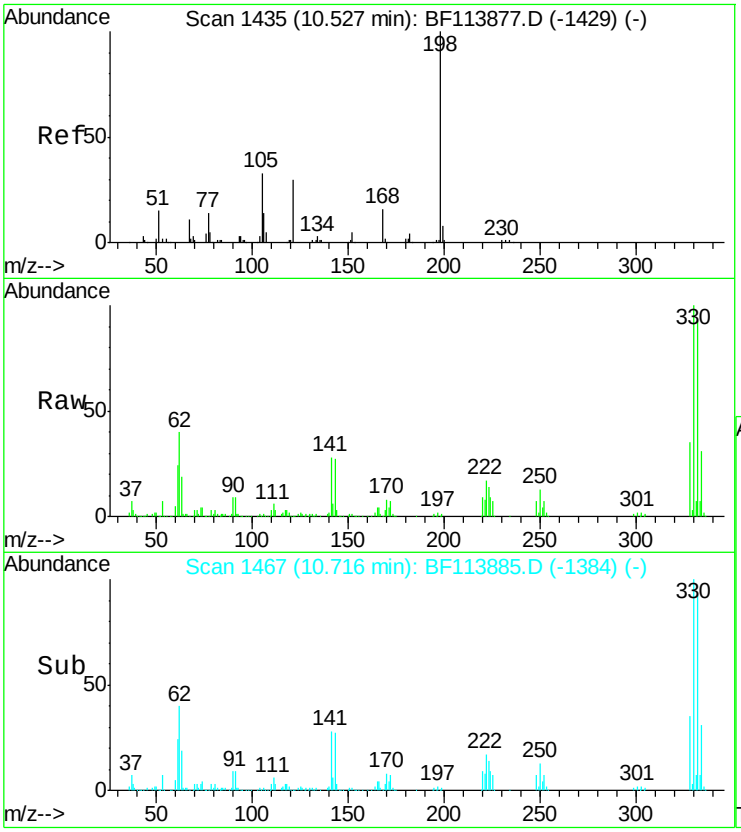


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF113885.D
Acq: 22 Apr 2019 18:45

Tgt Ion:188 Resp: 564161

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.4
80	11.0	9.0	13.6



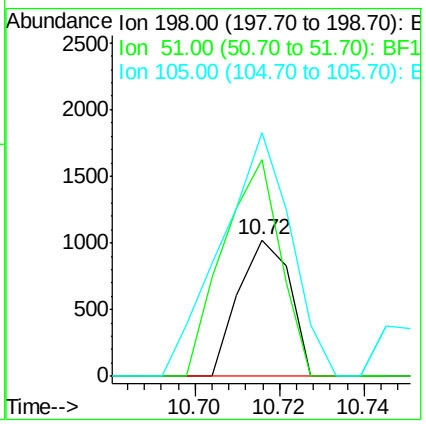


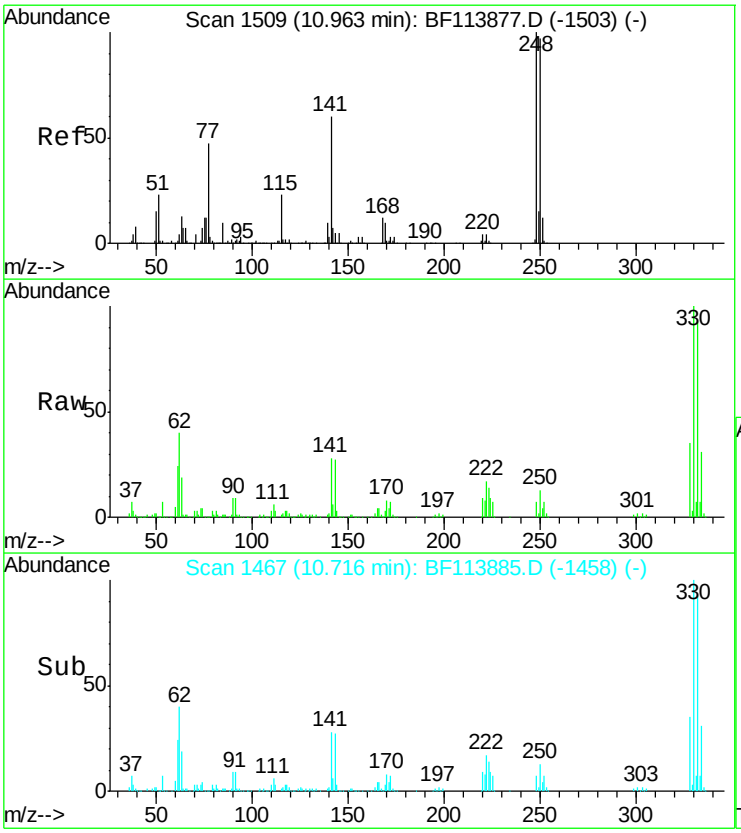
#65
4,6-Dinitro-2-methylphenol
Concen: 7.592 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.19 min
Lab File: BF113885.D
Acq: 22 Apr 2019 18:45

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion:198 Resp: 867

Ion	Ratio	Lower	Upper
198	100		
51	159.1	11.1	51.1#
105	178.7	20.7	60.7#

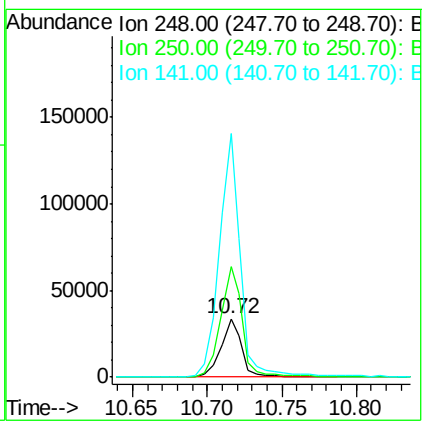


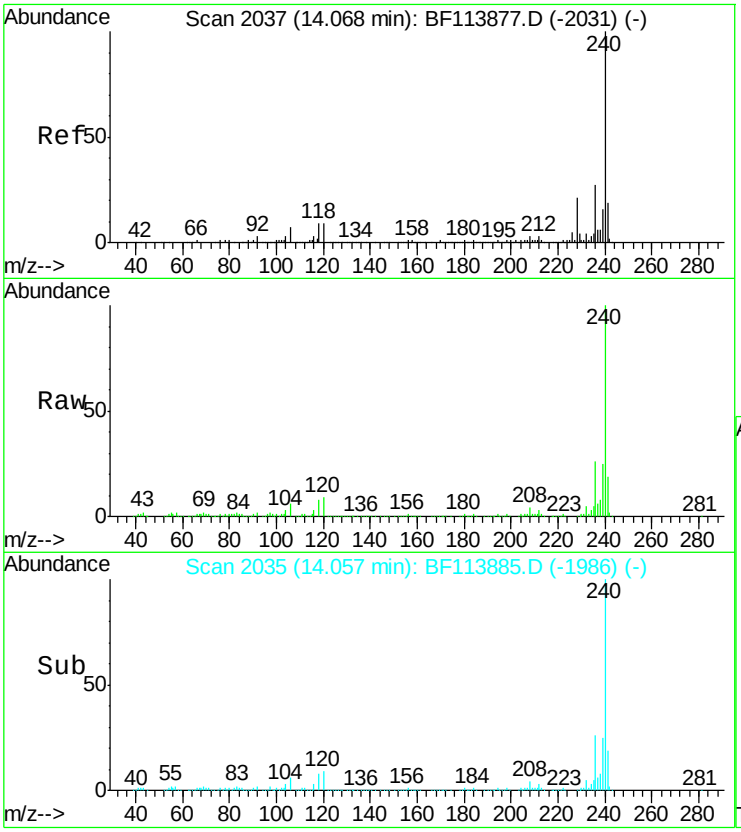


#67
4-Bromophenyl-phenylether
Concen: 4.880 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF113885.D
Acq: 22 Apr 2019 18:45

Tgt Ion:248 Resp: 33256

Ion	Ratio	Lower	Upper
248	100		
250	189.6	75.8	113.6#
141	419.3	50.2	75.4#



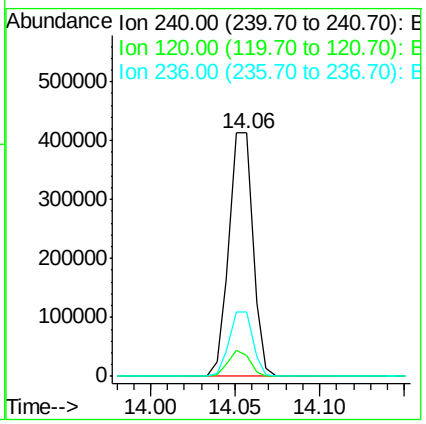


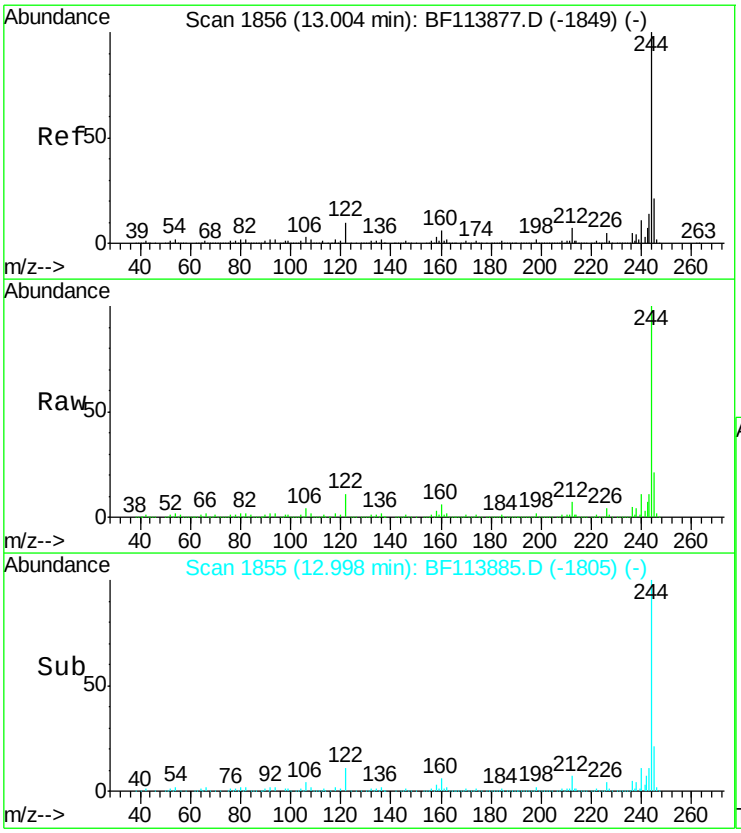
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113885.D
Acq: 22 Apr 2019 18:45

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion:240 Resp: 408861

Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.3	13.9#
236	26.3	21.2	31.8

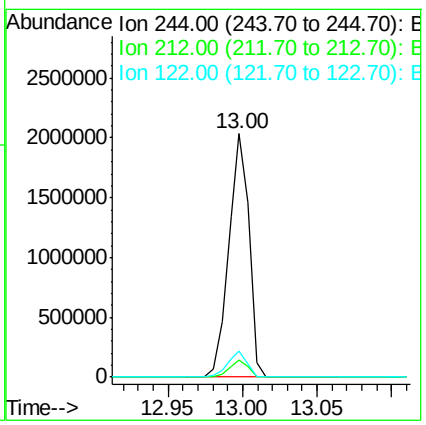


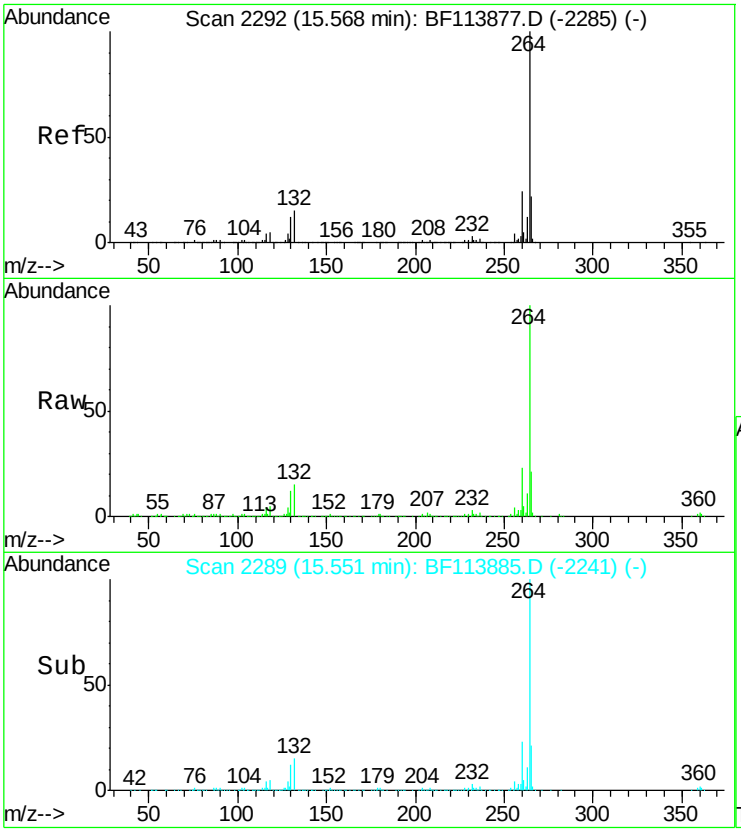


#79
Terphenyl-d14
Concen: 97.358 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF113885.D
Acq: 22 Apr 2019 18:45

Tgt Ion:244 Resp: 1941630

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	10.5	7.6	11.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.02 min
Lab File: BF113885.D
Acq: 22 Apr 2019 18:45

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion:264 Resp: 426550

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.9	28.3
265	21.3	17.3	25.9