Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109088.D
Acq On : 18 Sep 2018 10:22
Operator : JU/SJ
Sample : J4930-10
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 18 18:12:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	125305	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	426879	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	179705	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	337264	20.00	ng	0.00
75) Chrysene-d12	13.85	240	320136	20.00	ng	-0.01
86) Perylene-d12	15.25	264	244631	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	363822	48.22	ng	0.00
7) Phenol-d6	6.35	99	286721	29.47	ng	-0.01
23) Nitrobenzene-d5	7.28	82	820310	107.78	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	195589	100.29	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1267429	110.50	ng	0.00
78) Terphenyl-d14	12.81	244	1343764	99.49	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	14276	2.298	ng	# 71
19) n-Nitroso-di-n-propylamine	7.28	70	112666	17.521	ng	# 75
25) Isophorone	7.28	82	815181	62.309	ng	# 64
49) Dimethylphthalate	9.47	163	43673	3.400	ng	100
50) 2,6-Dinitrotoluene	9.75	165	22734	7.981	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	22734	6.103	ng	# 24
66) 4-Bromophenyl-phenylether	10.53	248	11739	3.087	ng	# 1

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

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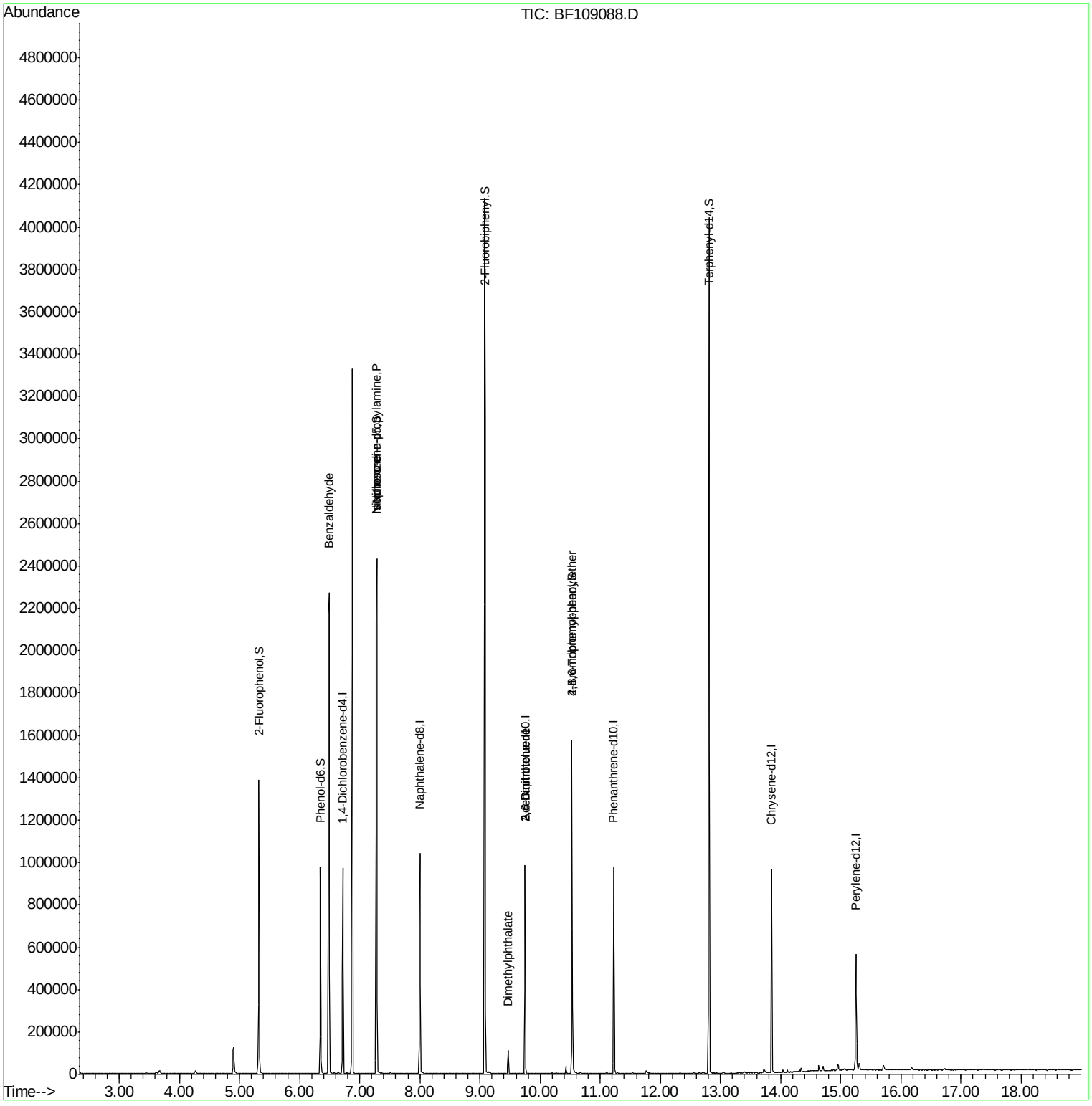
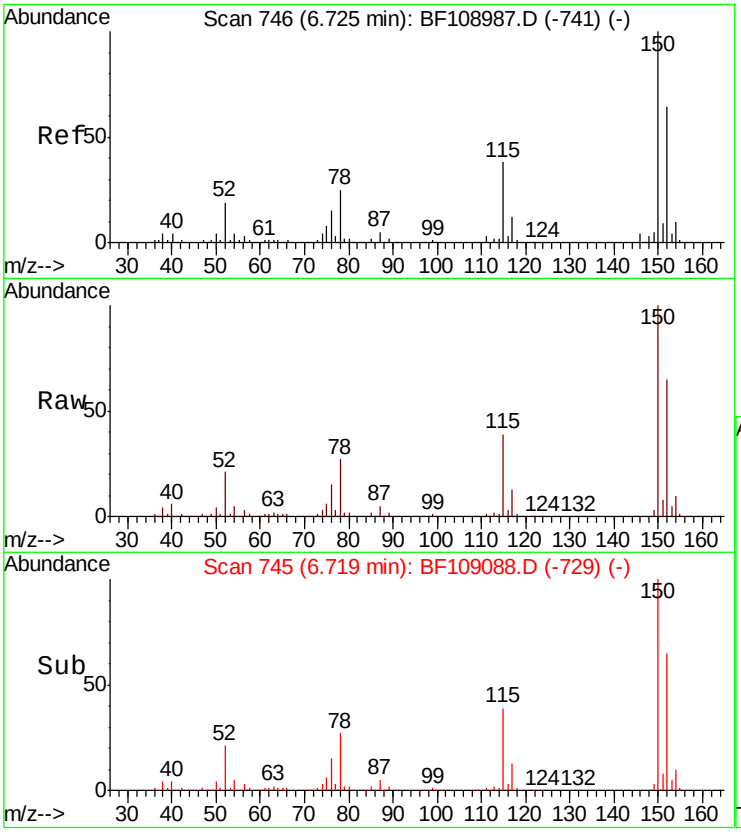


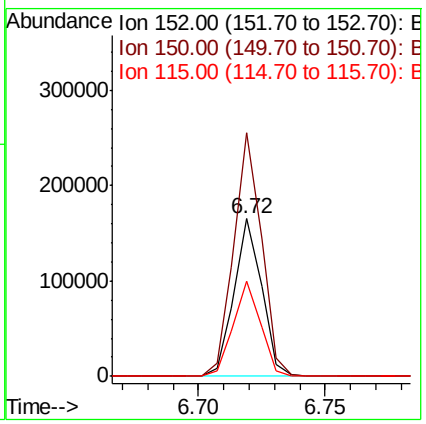


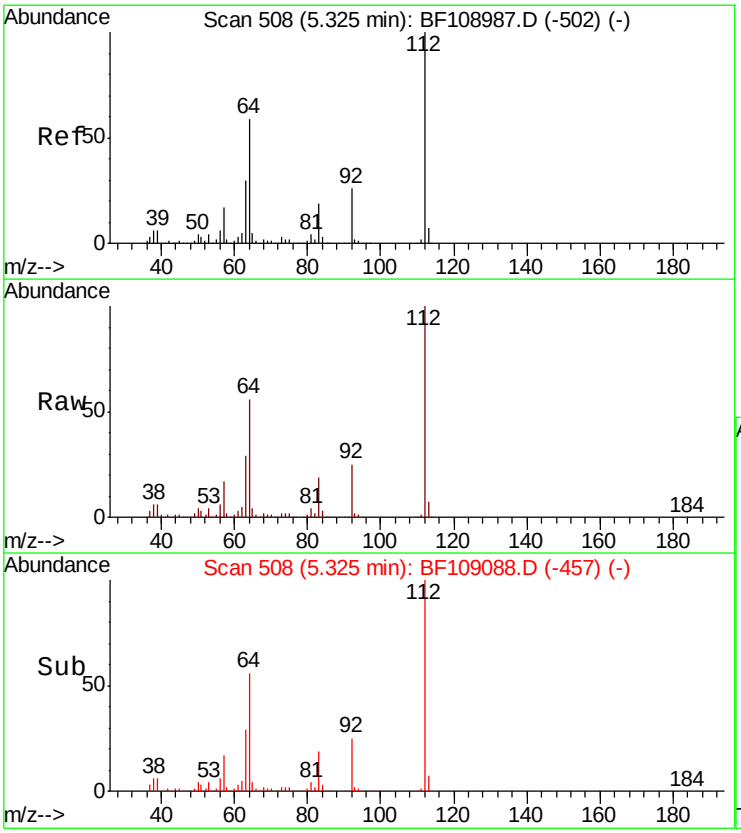
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109088.D
Acq: 18 Sep 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 125305

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	60.5	50.1	75.1

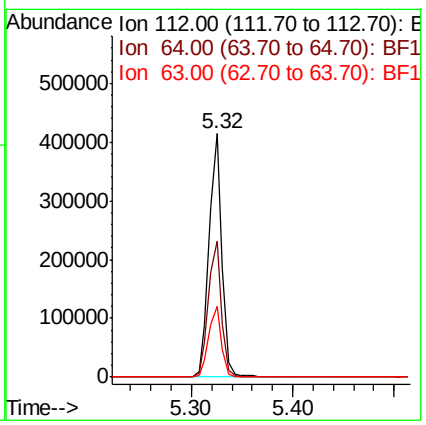


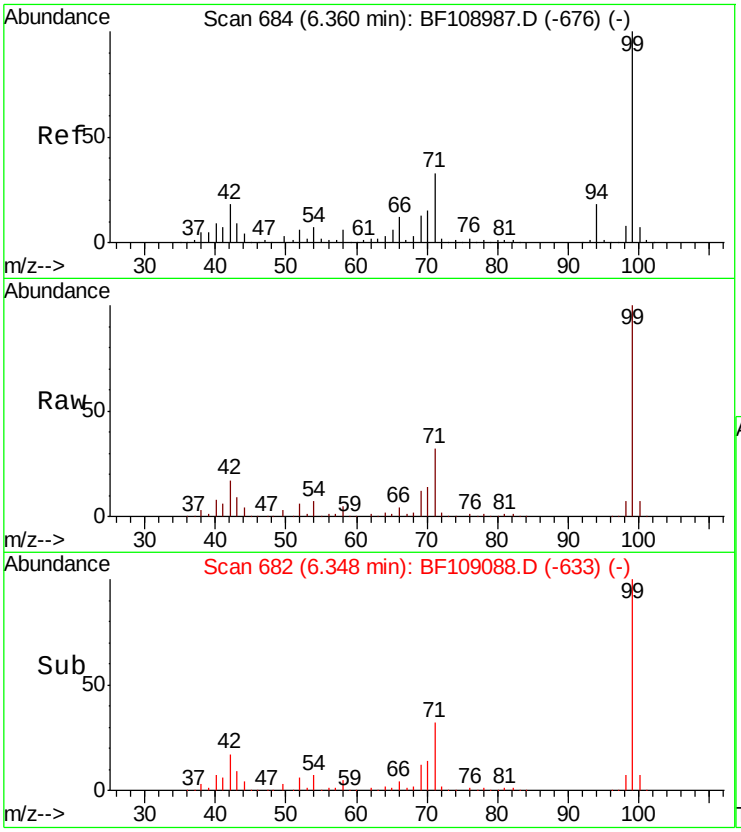


#5
2-Fluorophenol
Concen: 48.224 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109088.D
Acq: 18 Sep 2018 10:22

Tgt Ion:112 Resp: 363822

Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	29.1	23.7	35.5



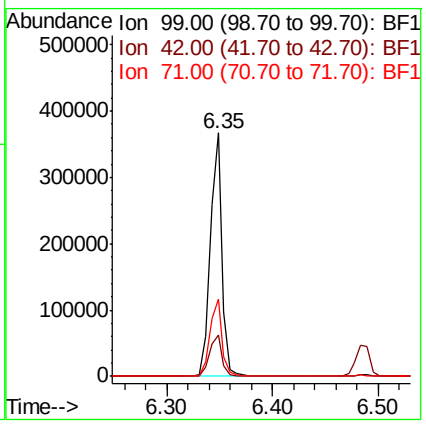


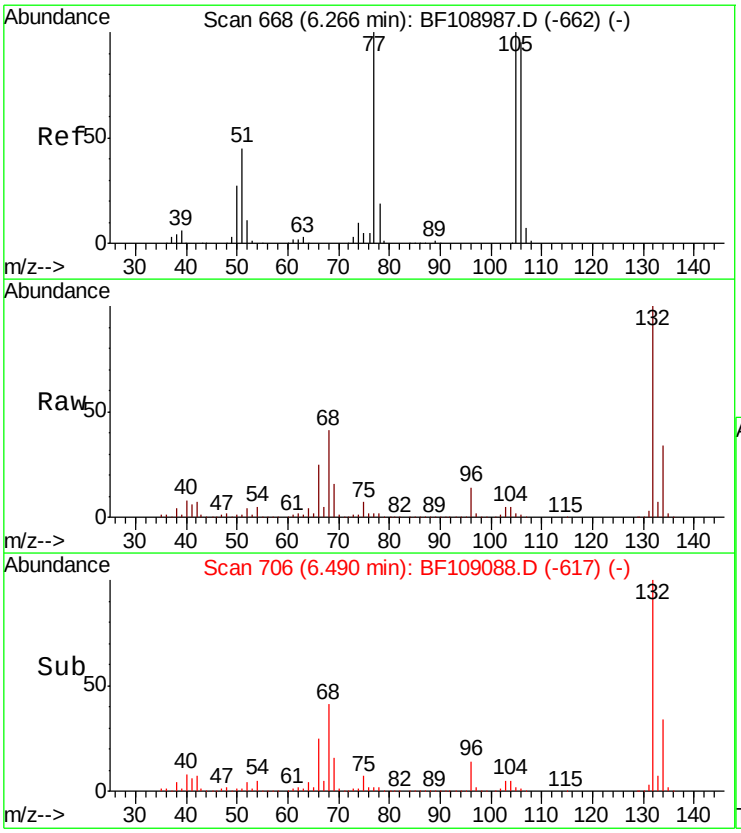
#7
Phenol-d6
Concen: 29.473 ng
RT: 6.35 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF109088.D
Acq: 18 Sep 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 286721

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.5	21.7
71	31.5	25.4	38.0

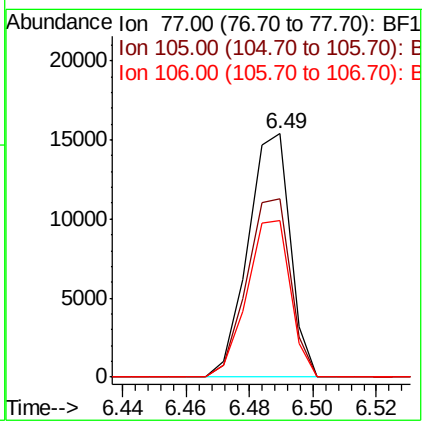


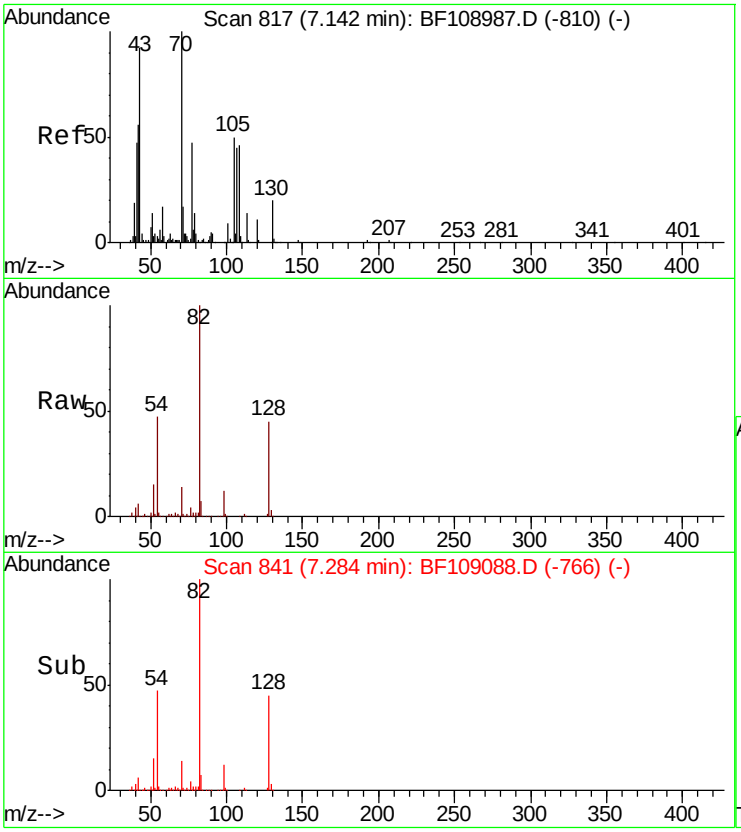


#9
Benzaldehyde
Concen: 2.298 ng
RT: 6.49 min Scan# 706
Delta R.T. 0.22 min
Lab File: BF109088.D
Acq: 18 Sep 2018 10:22

Tgt Ion: 77 Resp: 14276

Ion	Ratio	Lower	Upper
77	100		
105	73.5	81.1	121.1#
106	64.3	74.5	114.5#



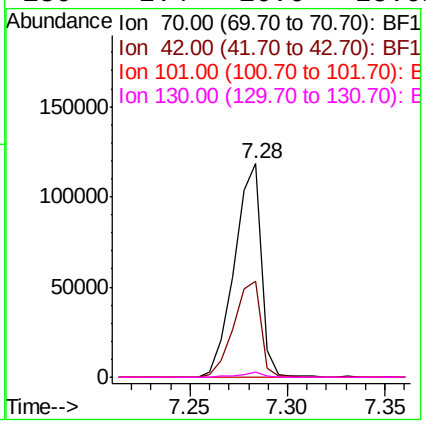


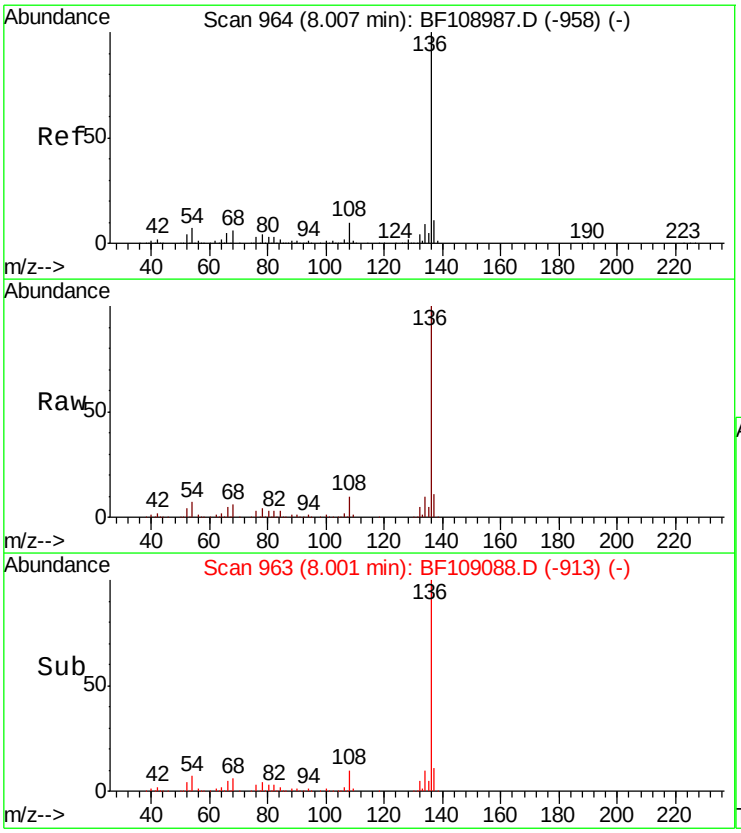
#19
n-Nitroso-di-n-propylamine
Concen: 17.521 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109088.D
Acq: 18 Sep 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 112666

Ion	Ratio	Lower	Upper
70	100		
42	44.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

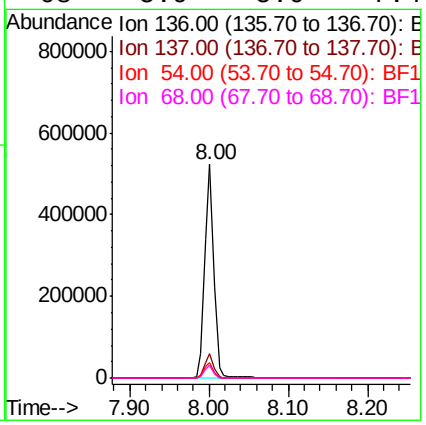


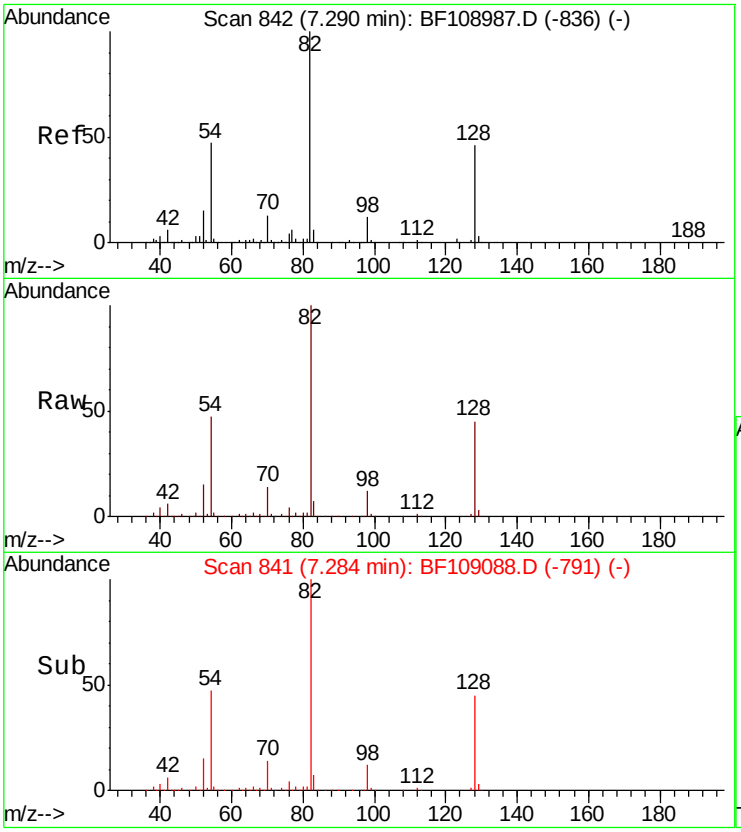


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109088.D
Acq: 18 Sep 2018 10:22

Tgt Ion:136 Resp: 426879

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.0	6.6	9.8
68	5.9	5.0	7.4



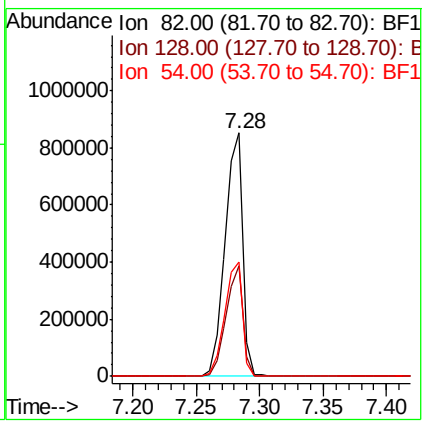


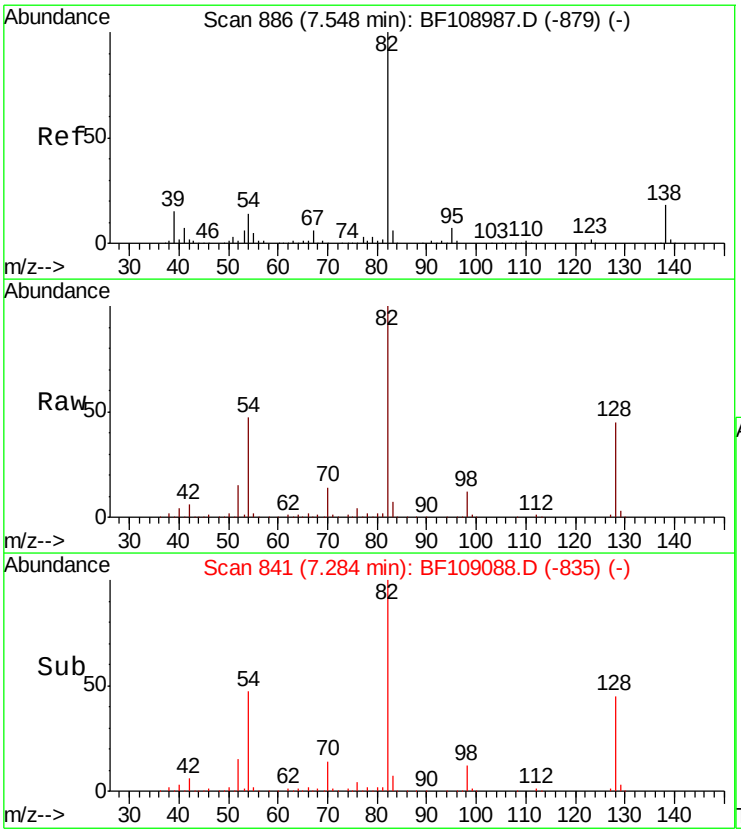
#23
Nitrobenzene-d5
Concen: 107.782 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109088.D
Acq: 18 Sep 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 820310

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	46.9	41.4	62.2

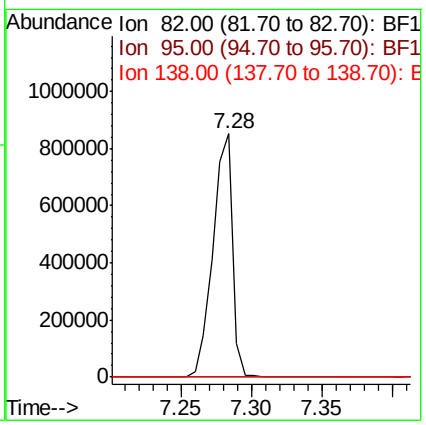


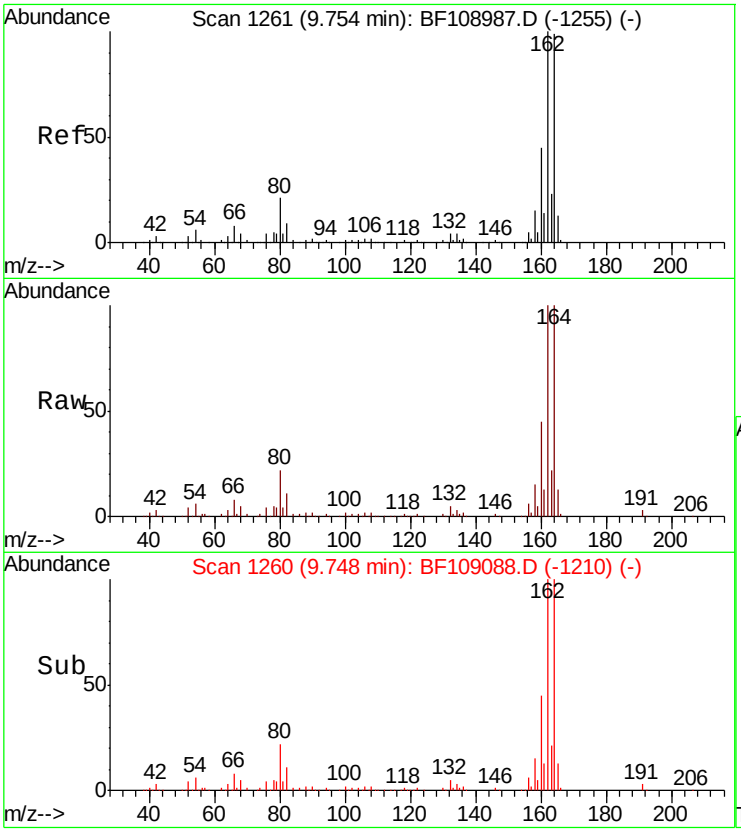


#25
Isophorone
Concen: 62.309 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.26 min
Lab File: BF109088.D
Acq: 18 Sep 2018 10:22

Tgt Ion: 82 Resp: 815181

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



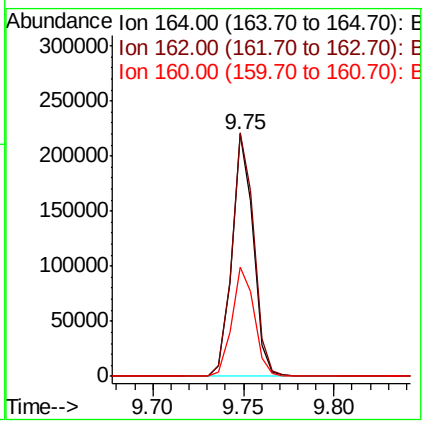


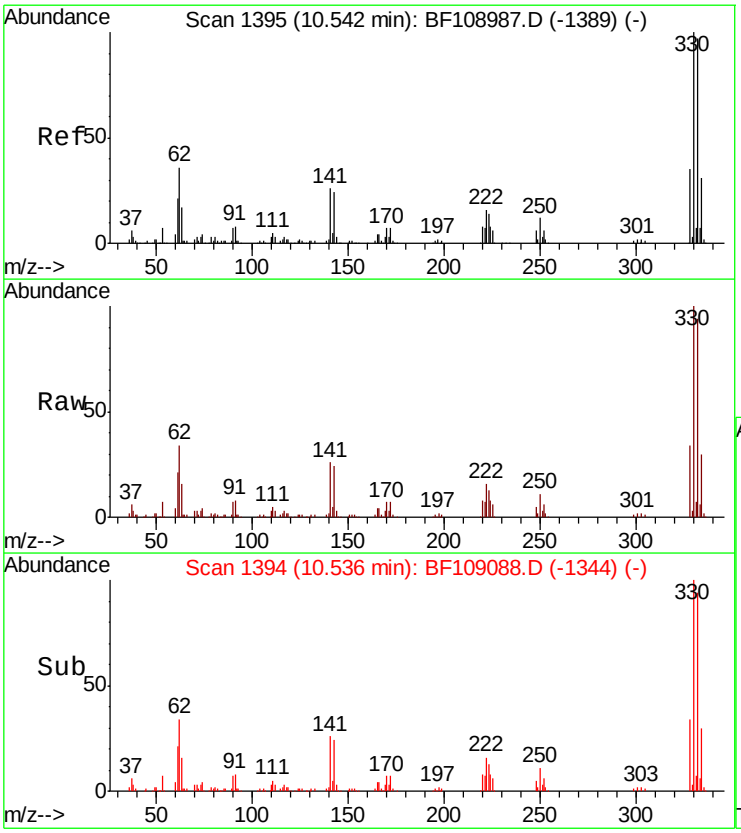
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109088.D
Acq: 18 Sep 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 179705

Ion	Ratio	Lower	Upper
164	100		
162	100.5	86.1	129.1
160	45.1	38.3	57.5

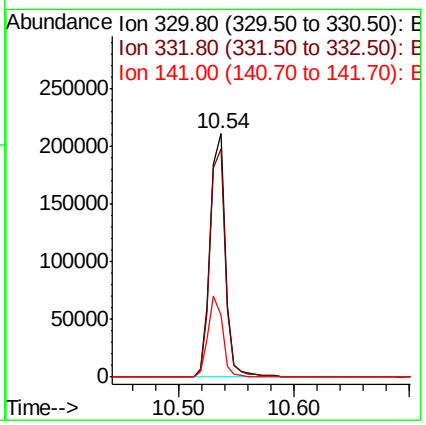


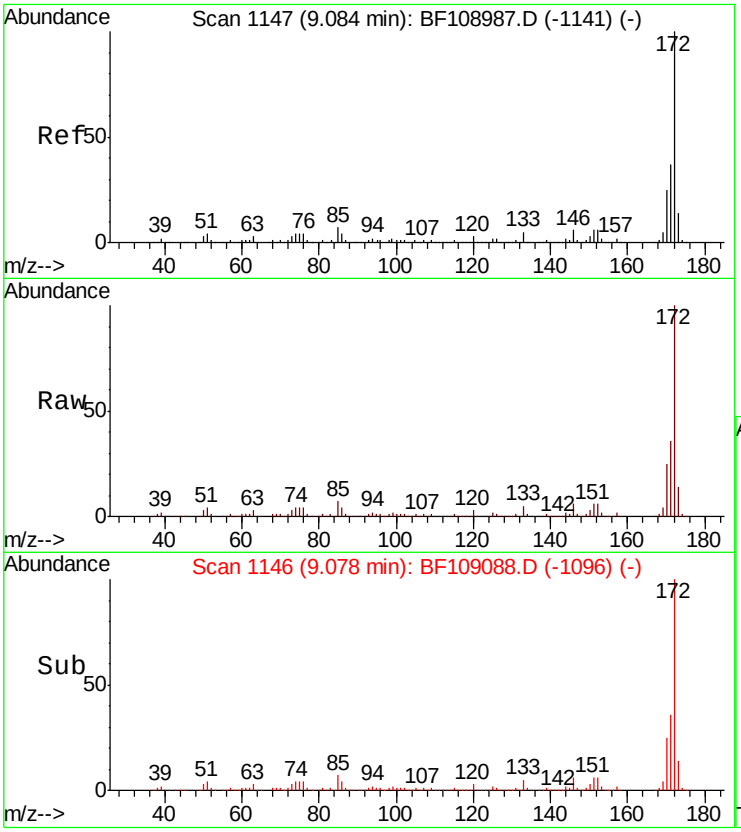


#41
2,4,6-Tribromophenol
Concen: 100.288 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109088.D
Acq: 18 Sep 2018 10:22

Tgt Ion:330 Resp: 195589

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.2	29.9	44.9



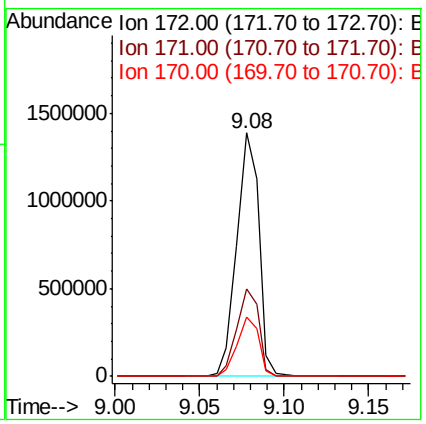


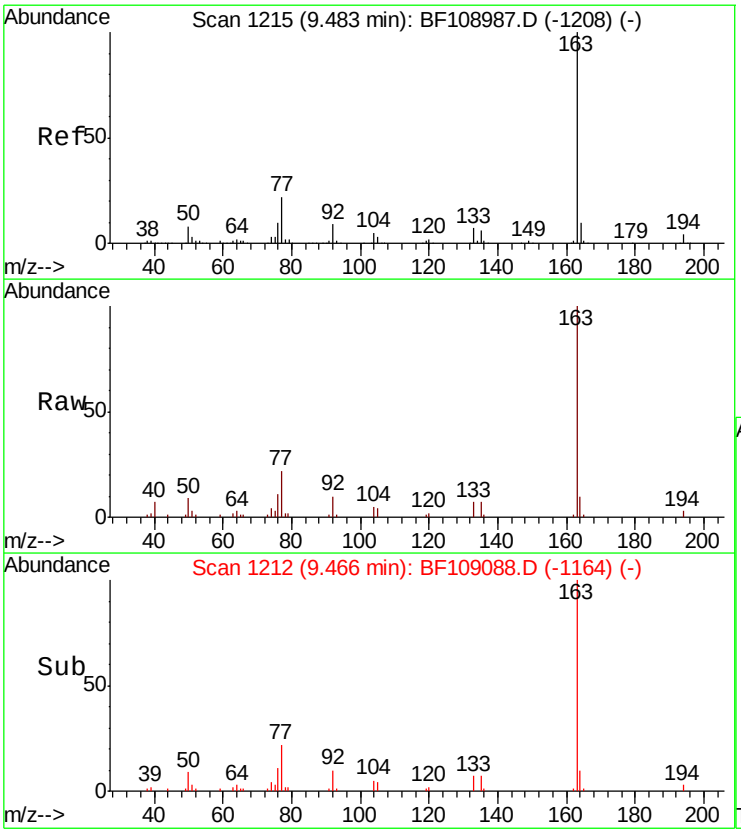
#44
2-Fluorobiphenyl
Concen: 110.499 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109088.D
Acq: 18 Sep 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1267429

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.5	19.6	29.4

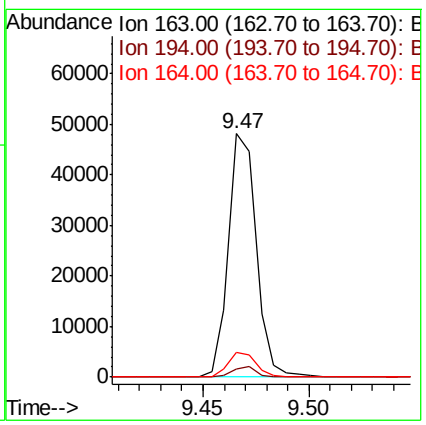


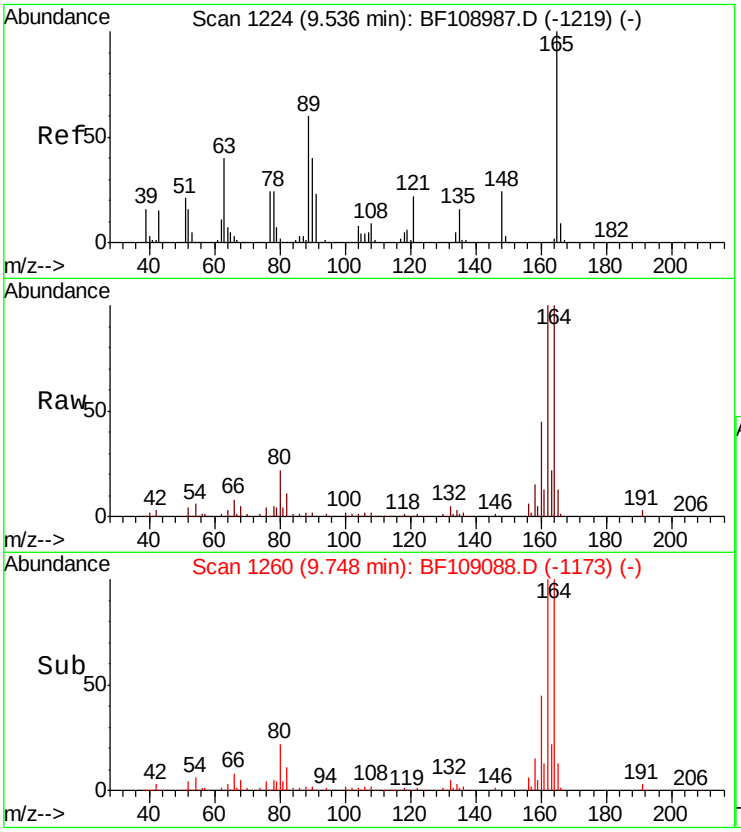


#49
Dimethylphthalate
Concen: 3.400 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109088.D
Acq: 18 Sep 2018 10:22

Tgt Ion:163 Resp: 43673

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.4	8.2	12.2



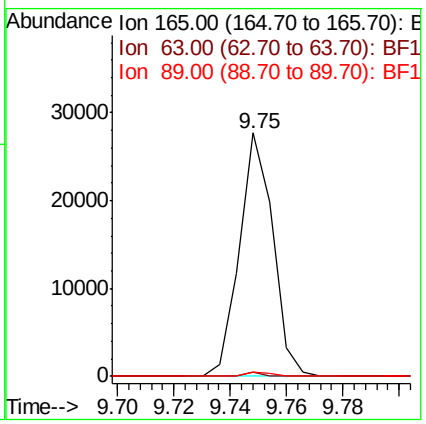


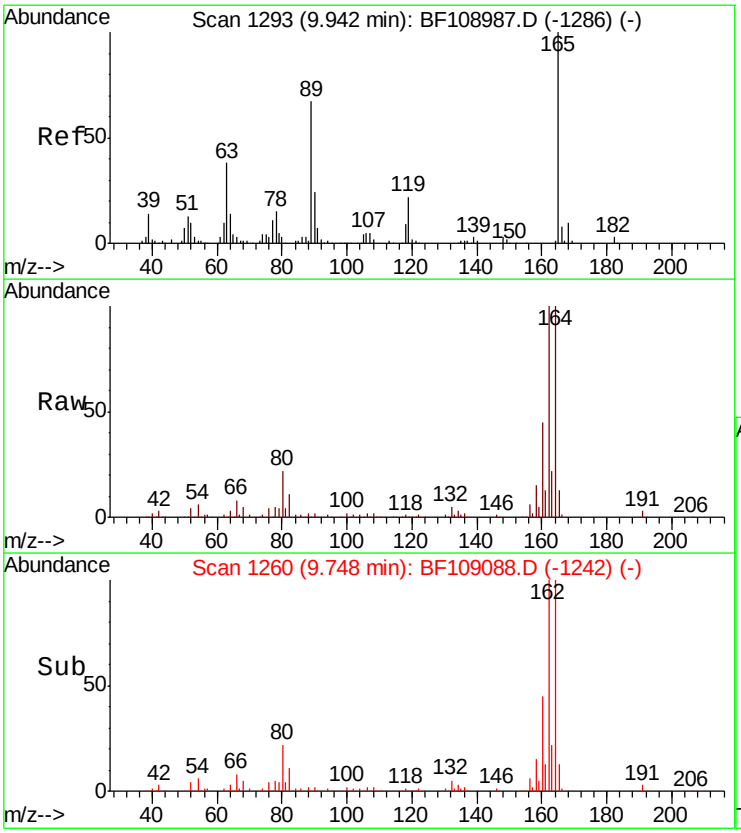
#50
2,6-Dinitrotoluene
Concen: 7.981 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.21 min
Lab File: BF109088.D
Acq: 18 Sep 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22734

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.6	44.0	66.0#

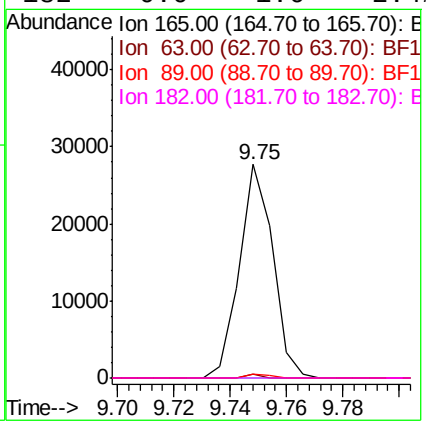


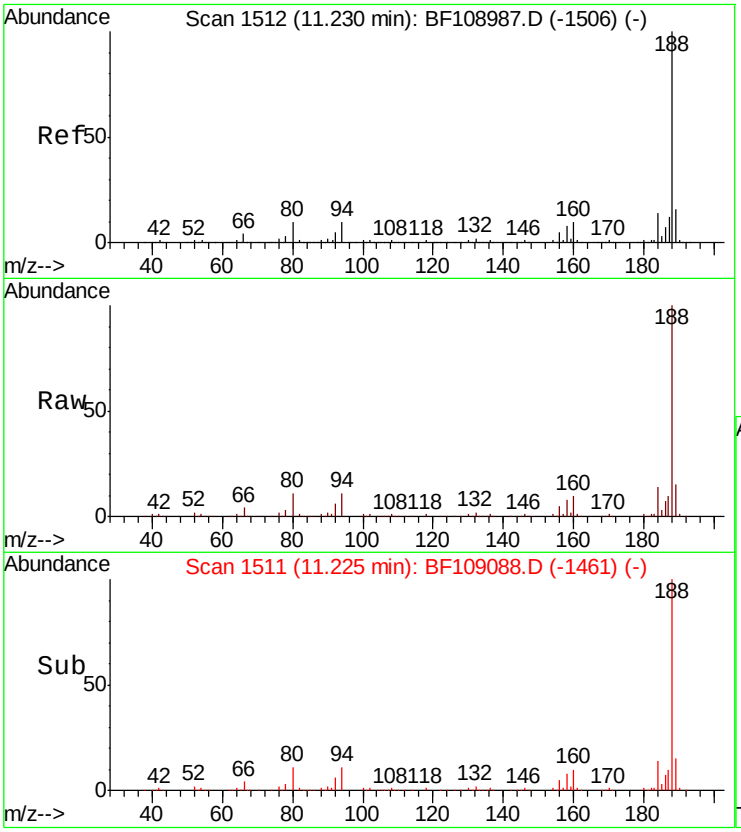


#56
2,4-Dinitrotoluene
Concen: 6.103 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.19 min
Lab File: BF109088.D
Acq: 18 Sep 2018 10:22

Tgt Ion:165 Resp: 22734

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



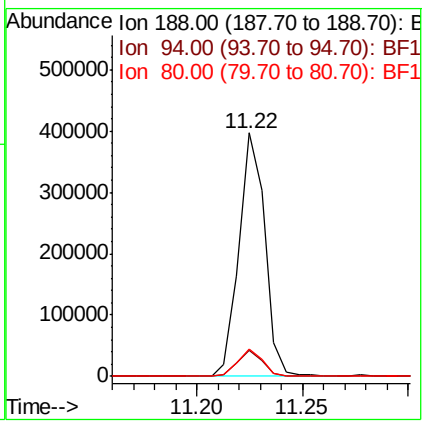


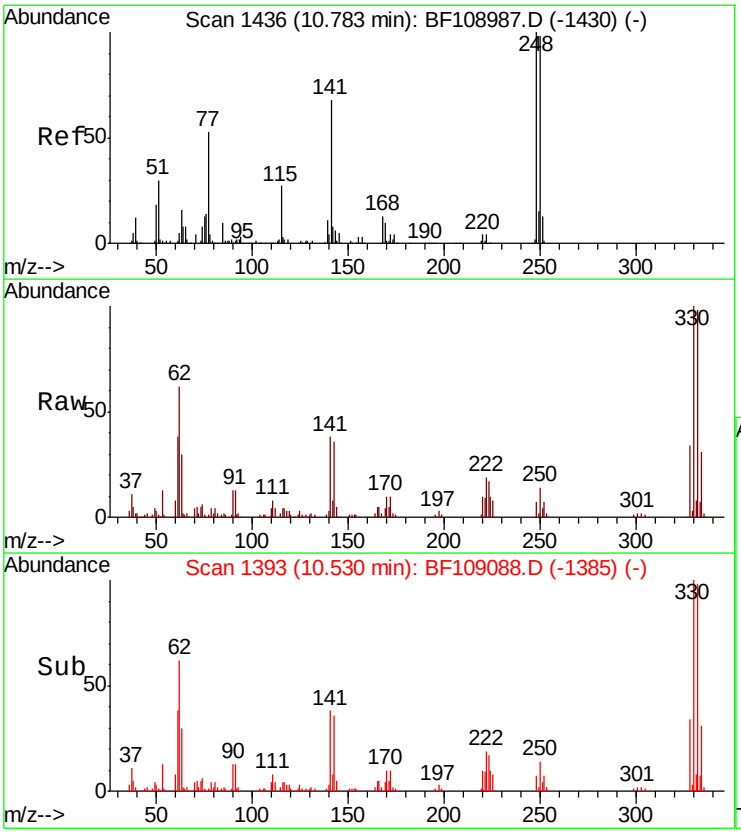
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109088.D
Acq: 18 Sep 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 337264

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.2	9.2	13.8

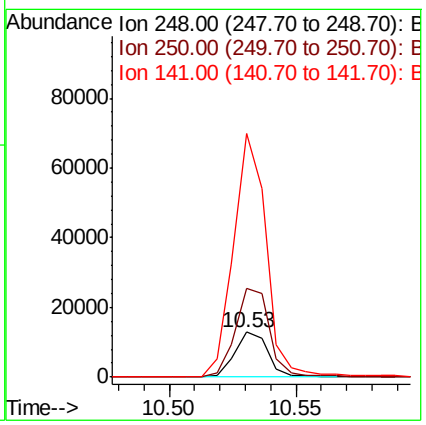


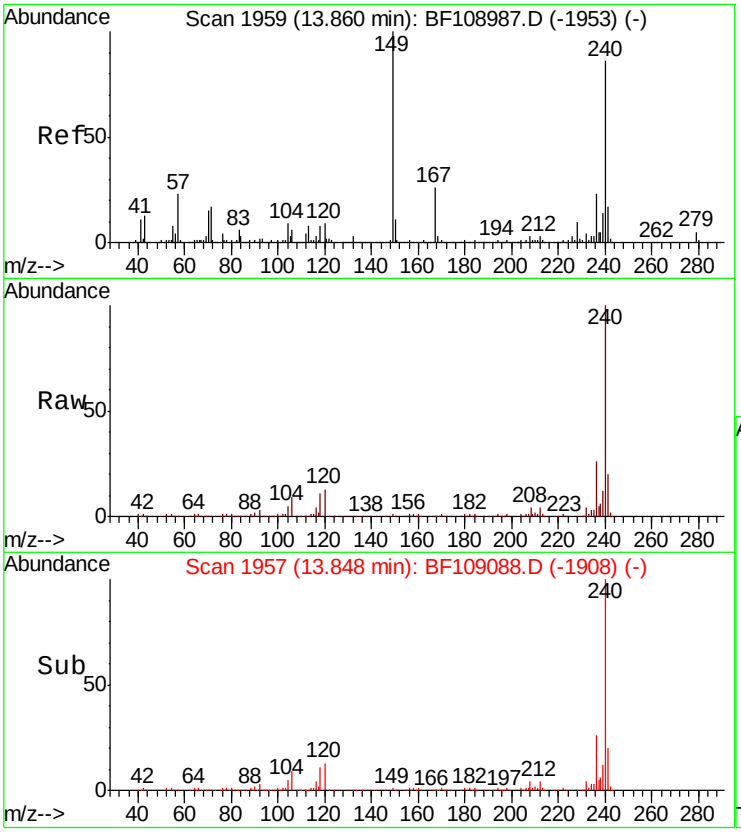


#66
4-Bromophenyl-phenylether
Concen: 3.087 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.25 min
Lab File: BF109088.D
Acq: 18 Sep 2018 10:22

Tgt Ion:248 Resp: 11739

Ion	Ratio	Lower	Upper
248	100		
250	196.7	76.9	115.3#
141	543.6	74.4	111.6#



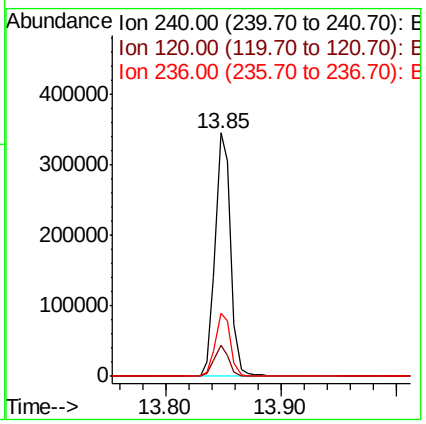


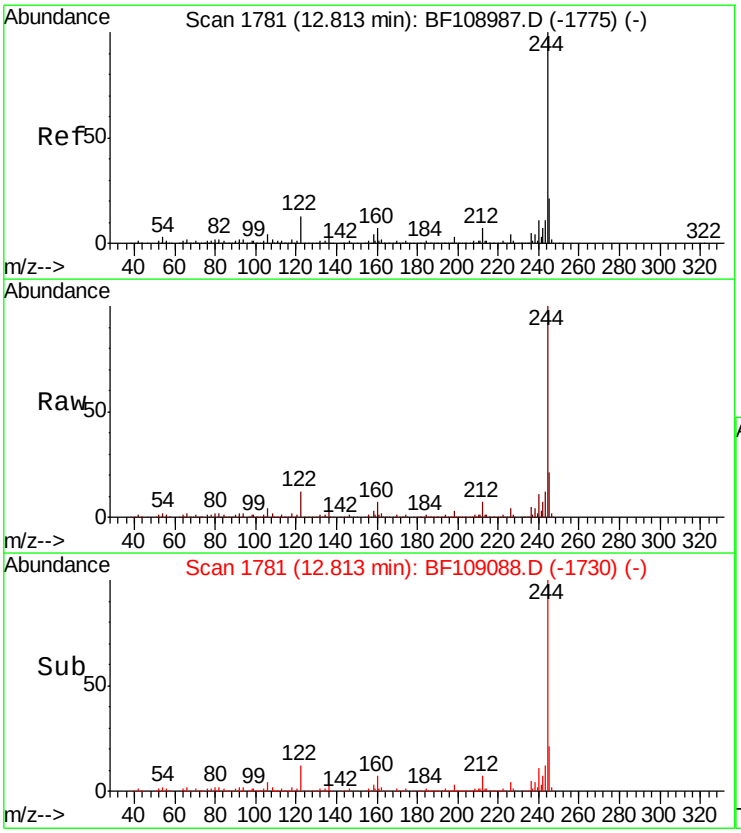
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109088.D
Acq: 18 Sep 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 320136

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	25.8	20.7	31.1

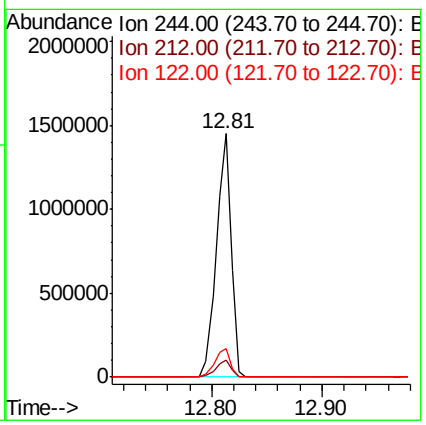


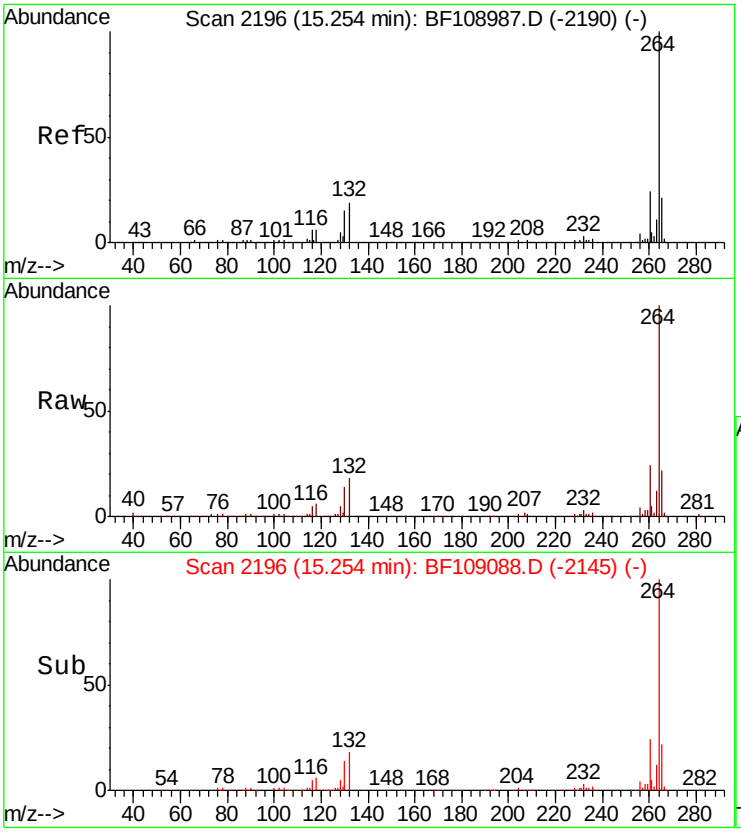


#78
Terphenyl-d14
Concen: 99.491 ng
RT: 12.81 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BF109088.D
Acq: 18 Sep 2018 10:22

Tgt Ion:244 Resp: 1343764

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109088.D
Acq: 18 Sep 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 244631

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.7	17.5	26.3