Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101118\
Data File : BF109814.D
Acq On : 12 Oct 2018 4:47
Operator : JU/SJ
Sample : J5296-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100418-SIDI-E-D-M

Quant Time: Oct 12 06:37:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	70390	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	254908	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	104150	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	213915	20.00	ng	0.00
75) Chrysene-d12	13.83	240	243903	20.00	ng	0.00
86) Perylene-d12	15.23	264	159369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	142363	35.90	ng	0.00
7) Phenol-d6	6.35	99	118354	22.34	ng	-0.01
23) Nitrobenzene-d5	7.26	82	466334	100.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	107682	94.89	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	753986	99.71	ng	0.00
78) Terphenyl-d14	12.78	244	908694	72.12	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	6923	2.031	ng	# 72
19) n-Nitroso-di-n-propylamine	7.26	70	59605	16.044	ng	# 78
25) Isophorone	7.26	82	466334	60.729	ng	# 67
50) 2,6-Dinitrotoluene	9.72	165	12556	7.583	ng	# 21
56) 2,4-Dinitrotoluene	9.72	165	12556	6.077	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	6018	2.448	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101118\
Data File : BF109814.D
Acq On : 12 Oct 2018 4:47
Operator : JU/SJ
Sample : J5296-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
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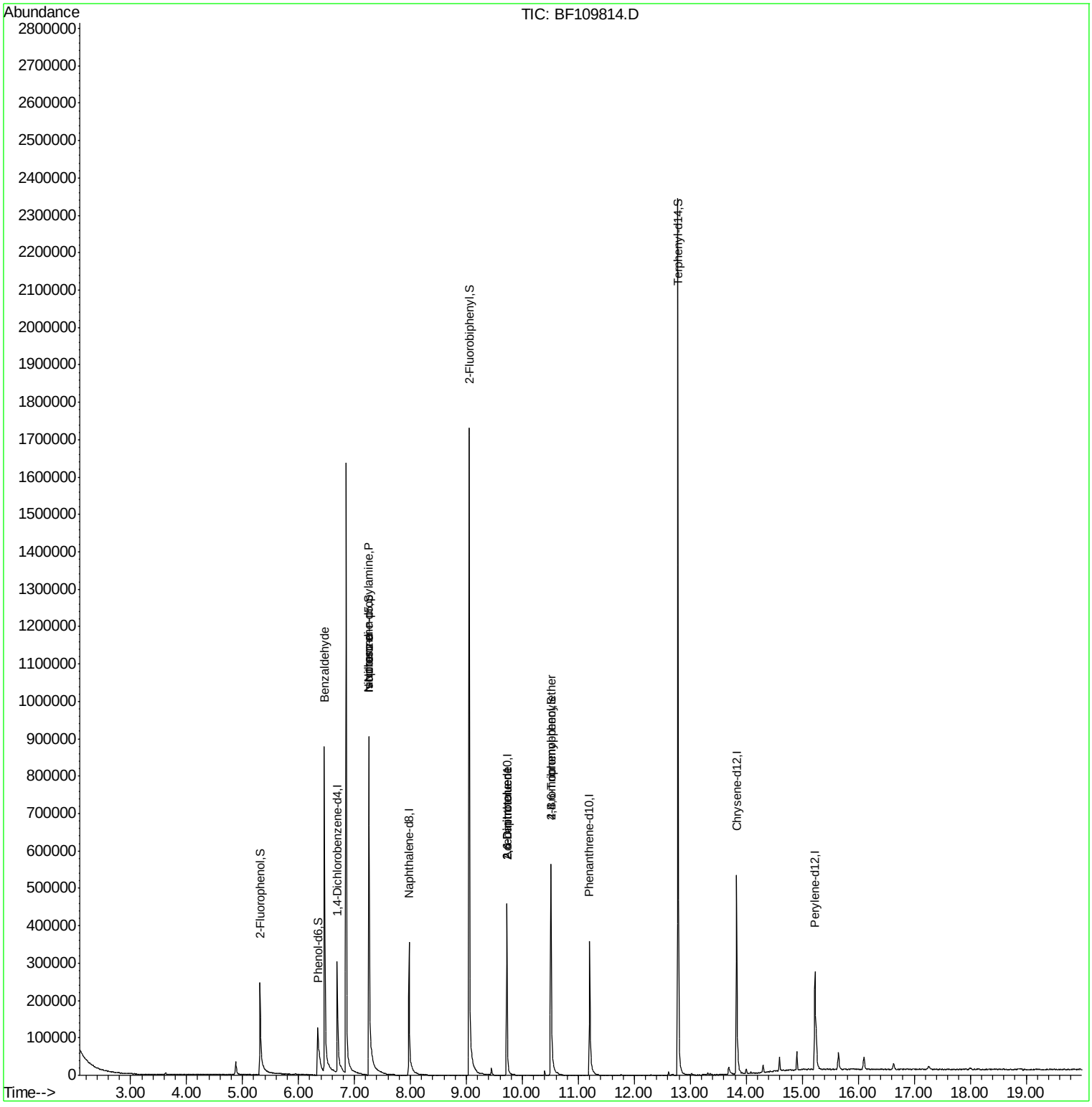
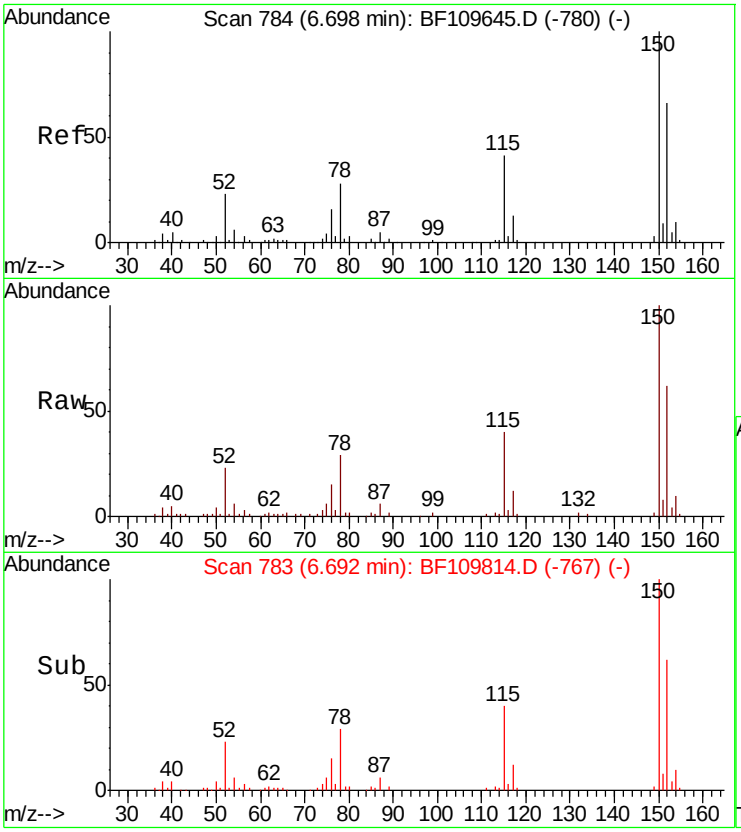
100418-SIDI-E-D-M

Quant Time: Oct 12 06:37:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration



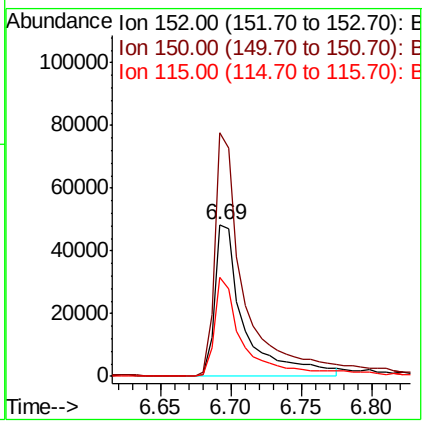


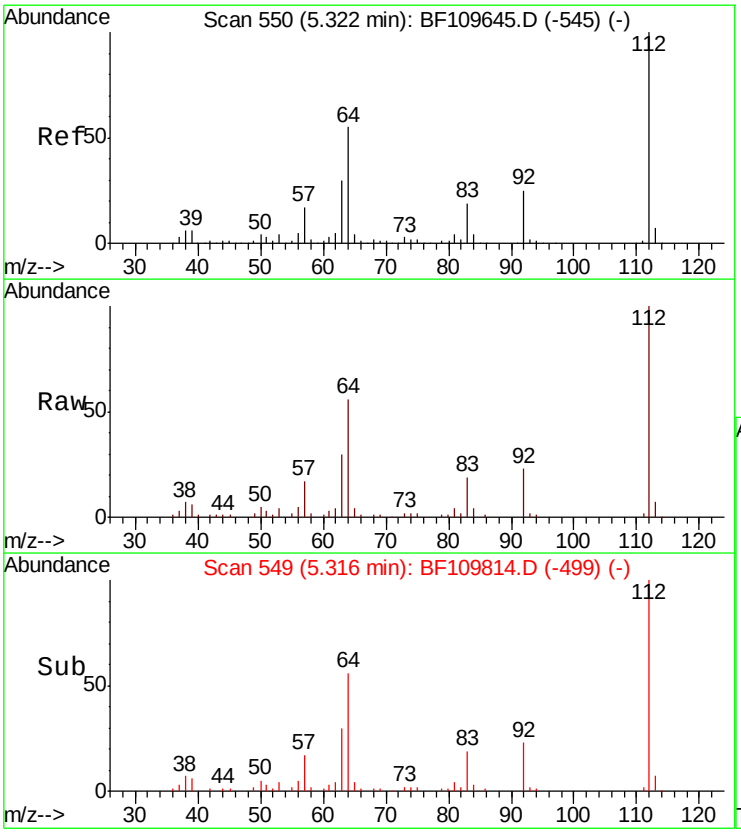
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

Instrument :
BNA_F
ClientSampleId :
100418-SIDI-E-D-M

Tgt Ion:152 Resp: 70390

Ion	Ratio	Lower	Upper
152	100		
150	160.6	122.7	184.1
115	64.9	49.1	73.7

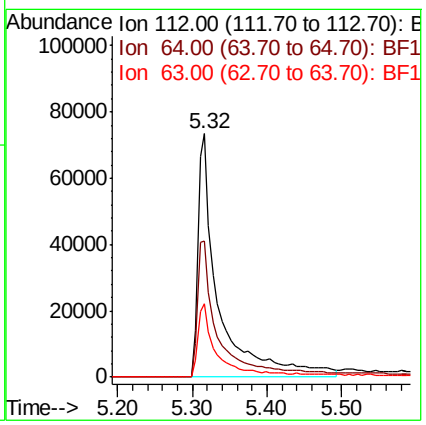


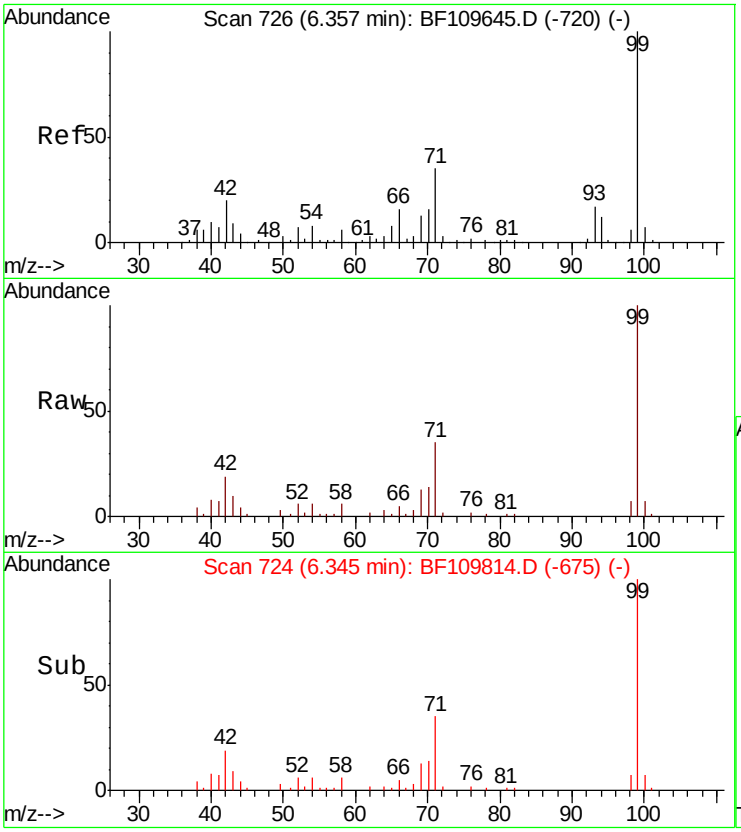


#5
2-Fluorophenol
Concen: 35.900 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

Tgt Ion:112 Resp: 142363

Ion	Ratio	Lower	Upper
112	100		
64	55.8	44.1	66.1
63	30.1	23.7	35.5



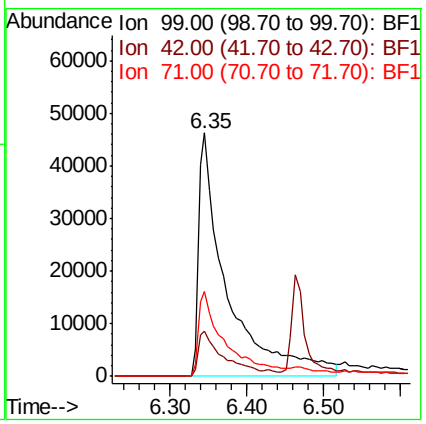


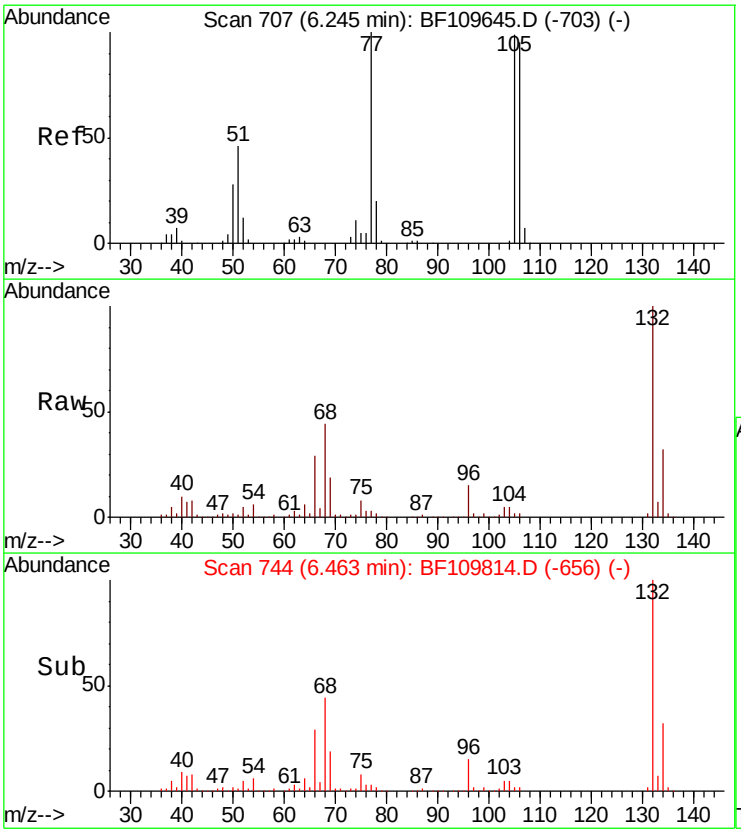
#7
Phenol-d6
Concen: 22.341 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

Instrument :
BNA_F
ClientSampleId :
100418-SIDI-E-D-M

Tgt Ion: 99 Resp: 118354

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.8	23.6
71	35.0	28.0	42.0

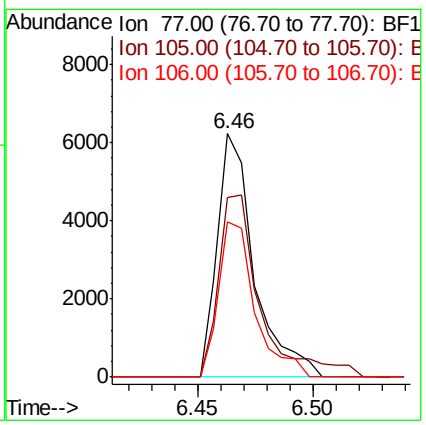


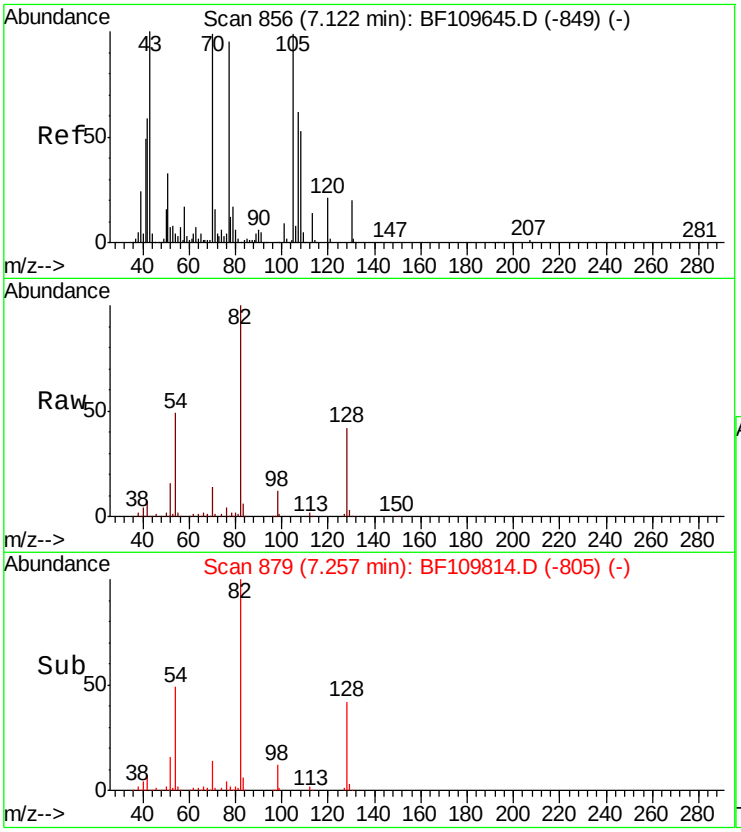


#9
Benzaldehyde
Concen: 2.031 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.22 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

Tgt Ion: 77 Resp: 6923

Ion	Ratio	Lower	Upper
77	100		
105	73.8	78.6	118.6#
106	63.9	74.8	114.8#



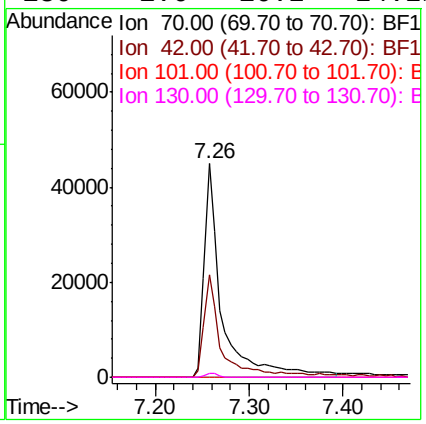


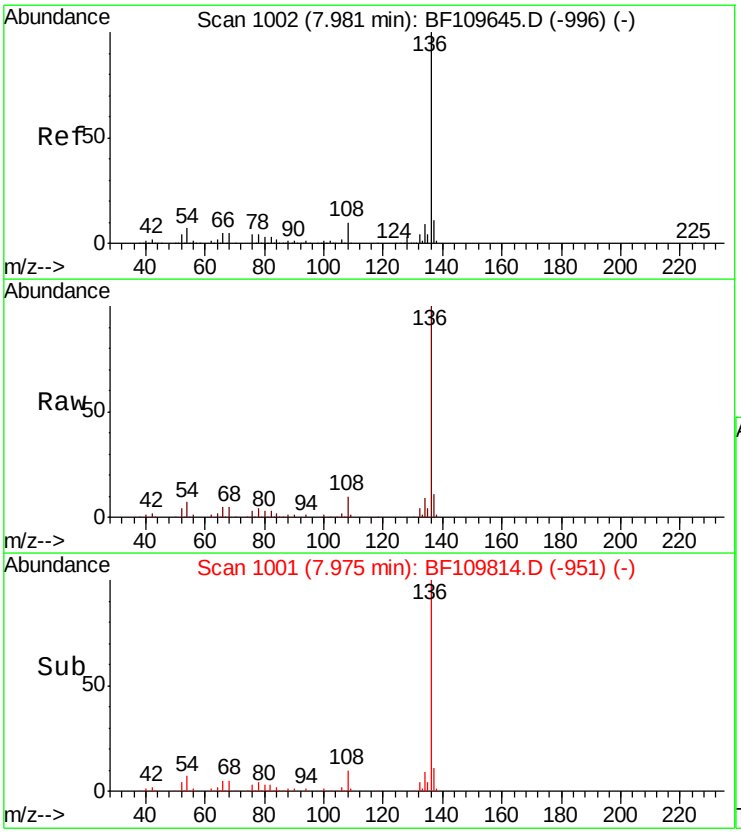
#19
n-Nitroso-di-n-propylamine
Concen: 16.044 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

Instrument :
BNA_F
ClientSampleId :
100418-SIDI-E-D-M

Tgt Ion: 70 Resp: 59605

Ion	Ratio	Lower	Upper
70	100		
42	47.8	47.4	71.2
101	0.0	7.3	10.9#
130	1.6	16.2	24.2#

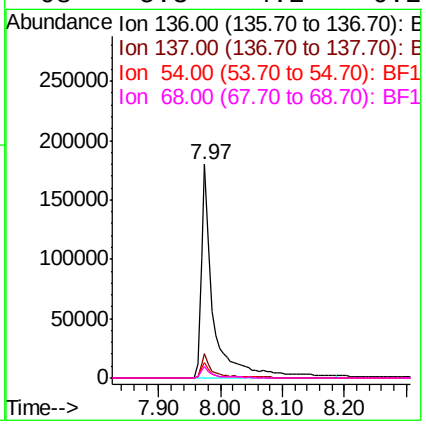


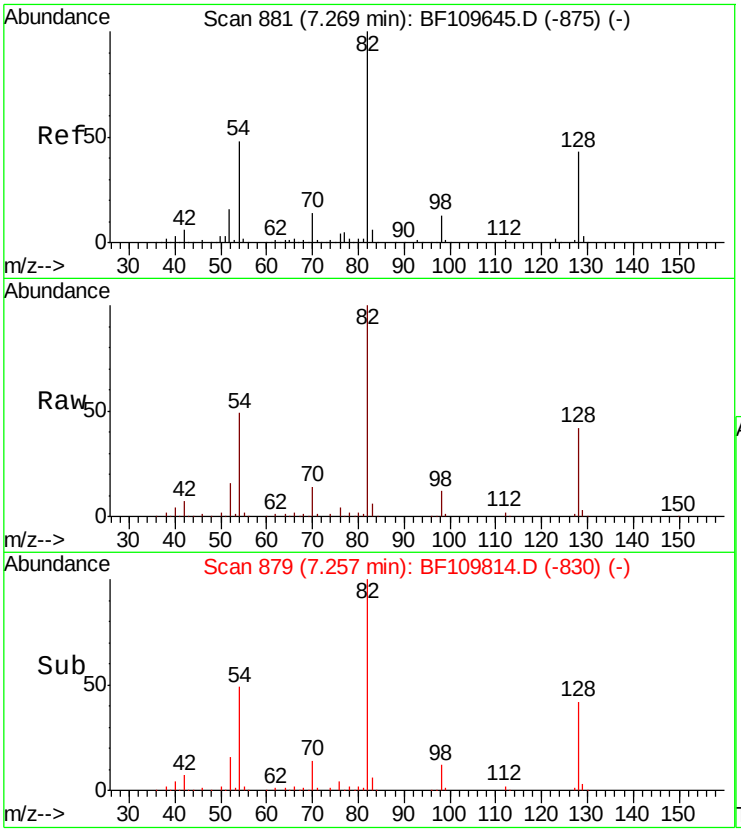


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

Tgt Ion:136 Resp: 254908

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.1	5.4	8.2
68	5.3	4.2	6.2



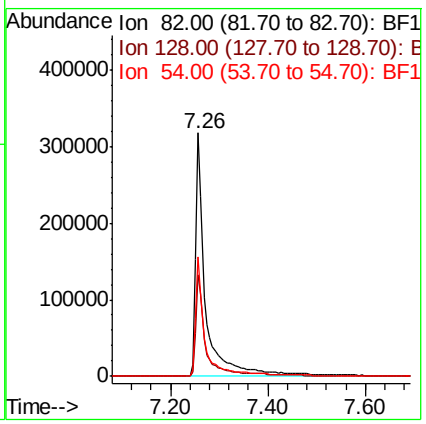


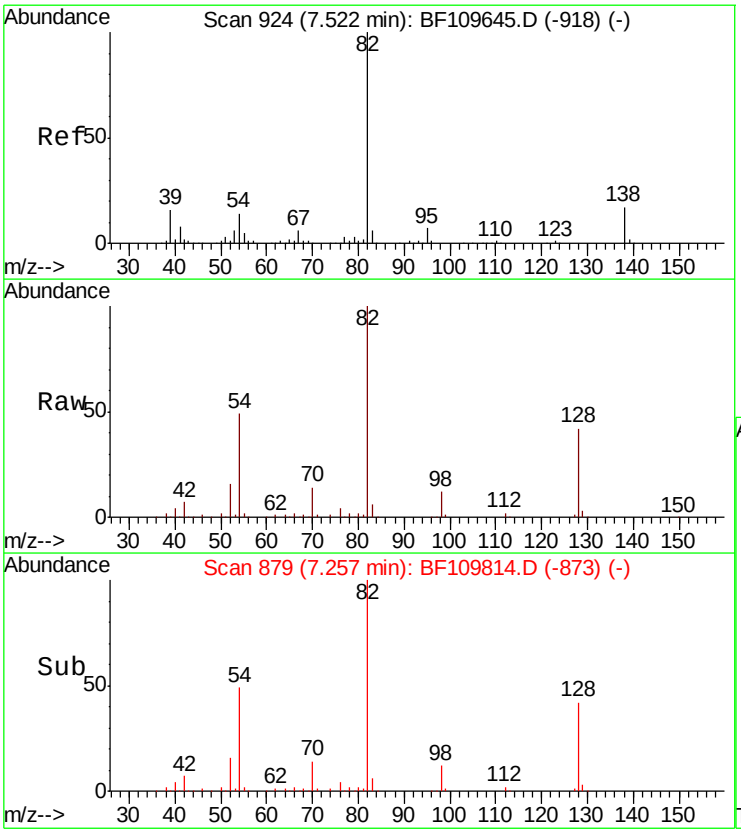
#23
Nitrobenzene-d5
Concen: 100.844 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

Instrument :
BNA_F
ClientSampleId :
100418-SIDI-E-D-M

Tgt Ion: 82 Resp: 466334

Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.2	51.2
54	48.9	38.6	58.0

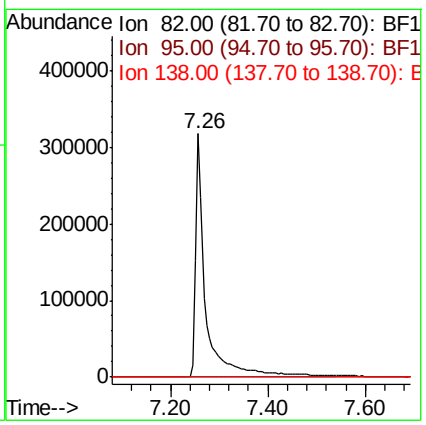


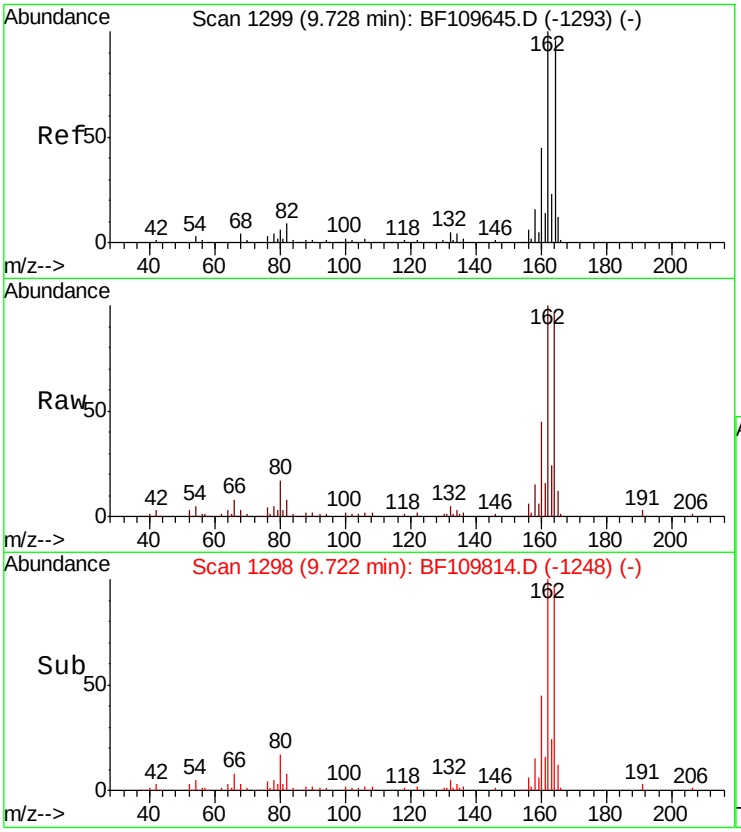


#25
Isophorone
Concen: 60.729 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

Tgt Ion: 82 Resp: 466334

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



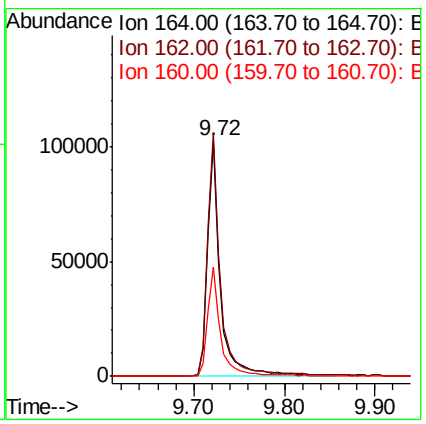


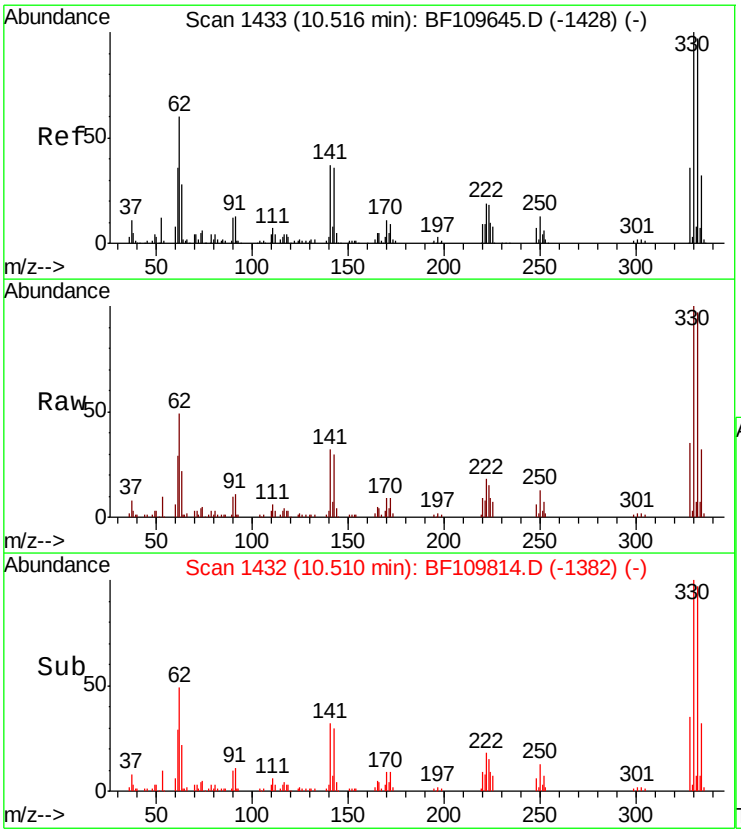
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

Instrument :
BNA_F
ClientSampleId :
100418-SIDI-E-D-M

Tgt Ion:164 Resp: 104150

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.0	124.6
160	46.6	37.0	55.6

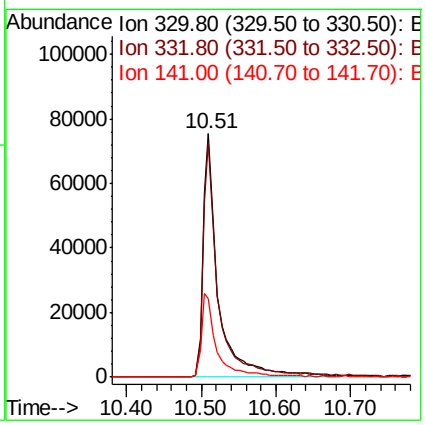


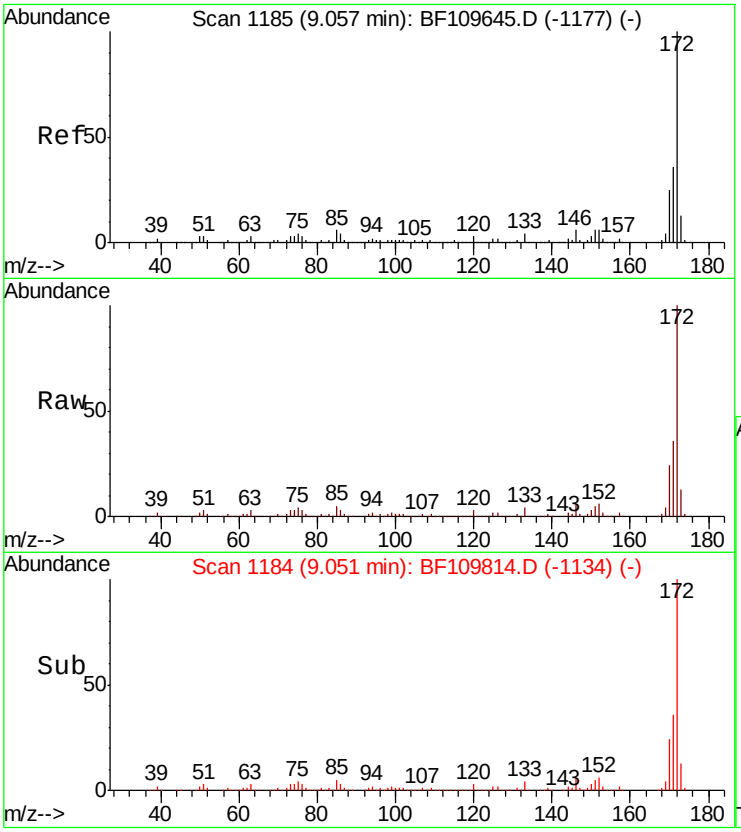


#41
2,4,6-Tribromophenol
Concen: 94.888 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

Tgt Ion:330 Resp: 107682

Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.1	115.7
141	34.6	27.0	40.4



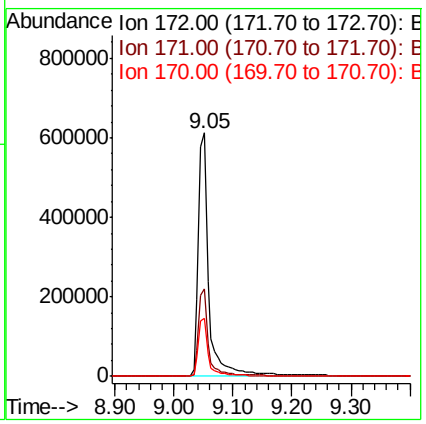


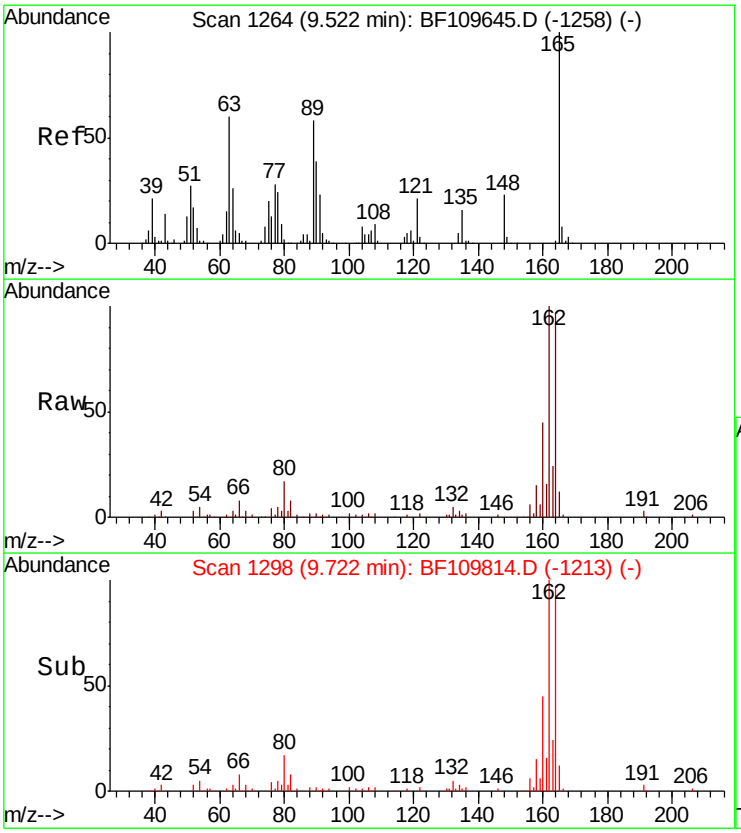
#44
2-Fluorobiphenyl
Concen: 99.705 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

Instrument :
BNA_F
ClientSampleId :
100418-SIDI-E-D-M

Tgt Ion:172 Resp: 753986

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.1	19.7	29.5

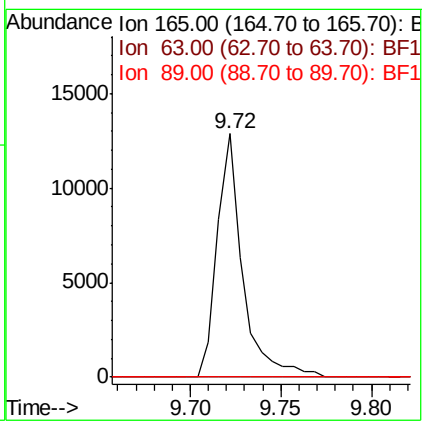


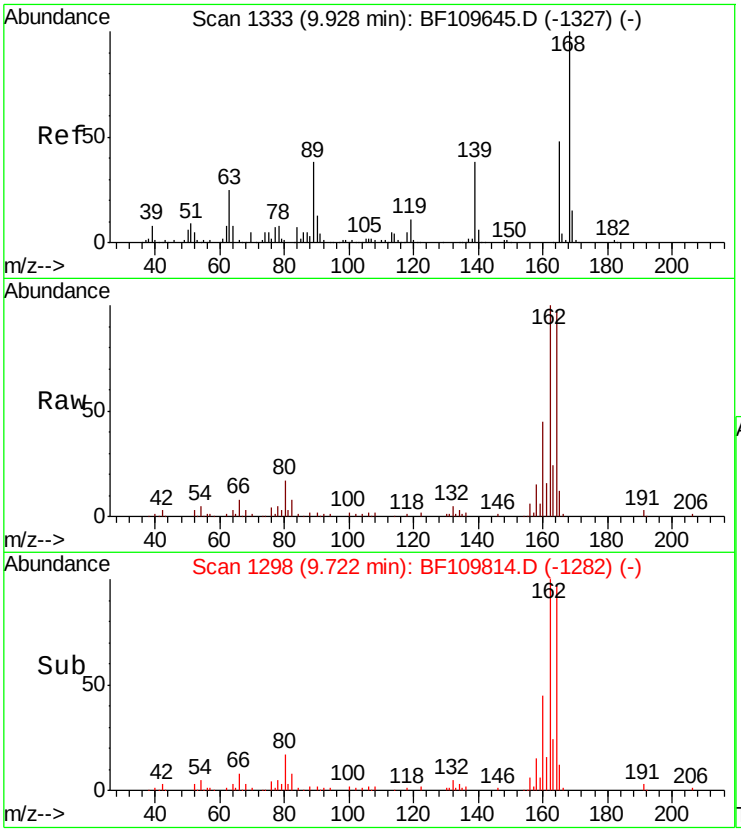


#50
2,6-Dinitrotoluene
Concen: 7.583 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

Tgt Ion:165 Resp: 12556

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



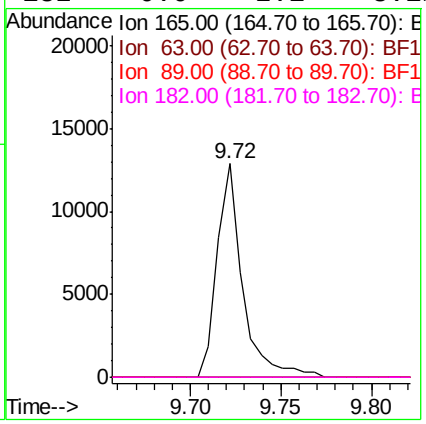


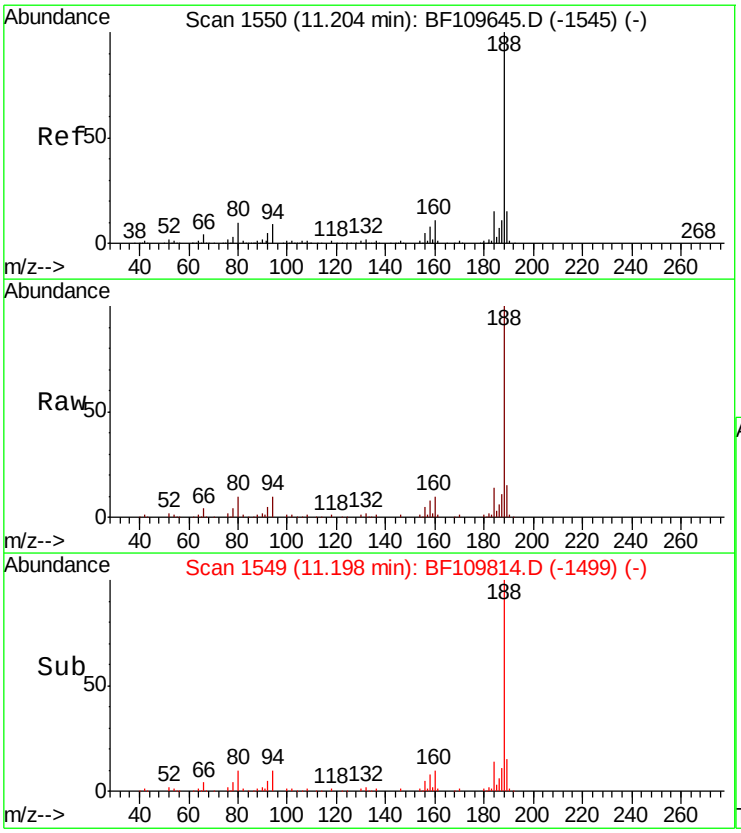
#56
2,4-Dinitrotoluene
Concen: 6.077 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

Instrument :
BNA_F
ClientSampleId :
100418-SIDI-E-D-M

Tgt Ion:165 Resp: 12556

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

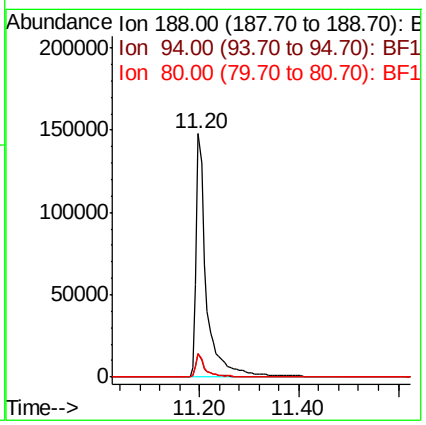


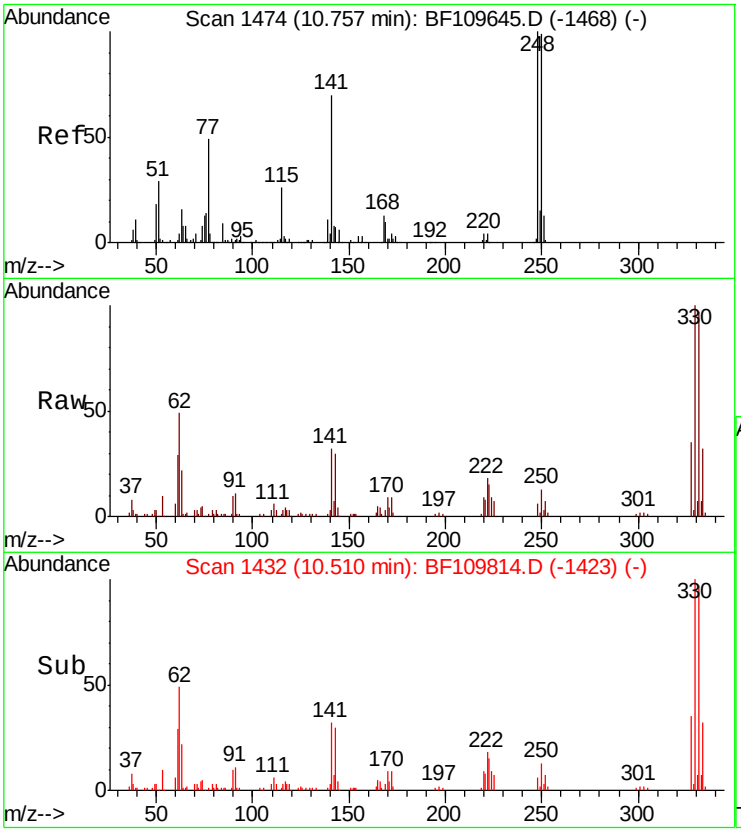


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

Tgt Ion:188 Resp: 213915

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	9.9	7.9	11.9



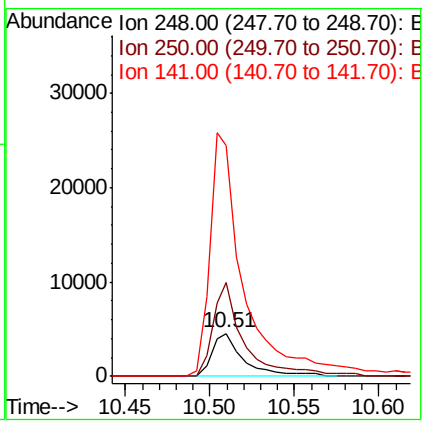


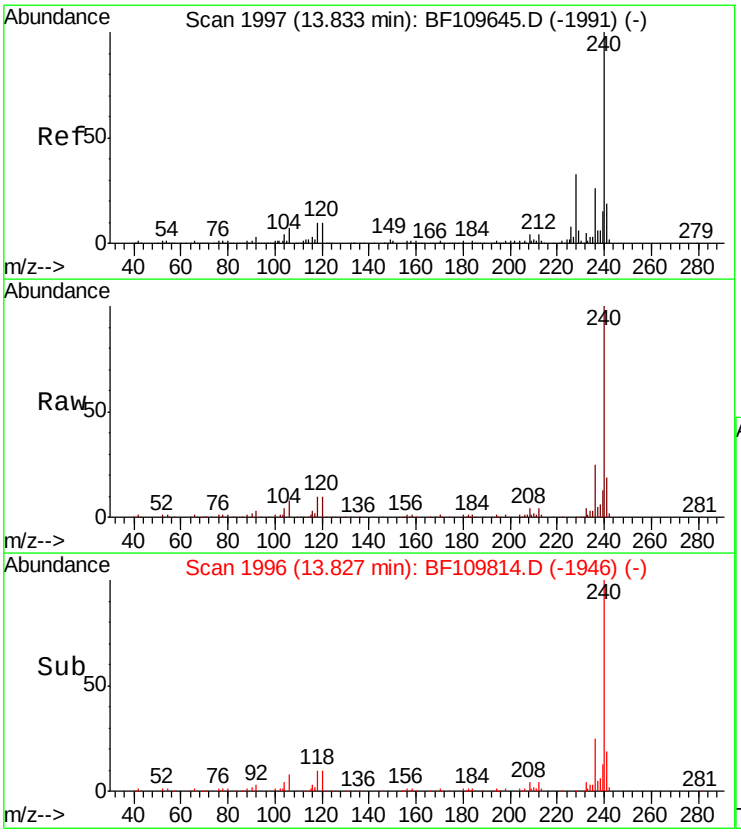
#66
4-Bromophenyl-phenylether
Concen: 2.448 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

Instrument :
BNA_F
ClientSampleId :
100418-SIDI-E-D-M

Tgt Ion:248 Resp: 6018

Ion	Ratio	Lower	Upper
248	100		
250	216.6	79.4	119.2#
141	532.5	55.9	83.9#

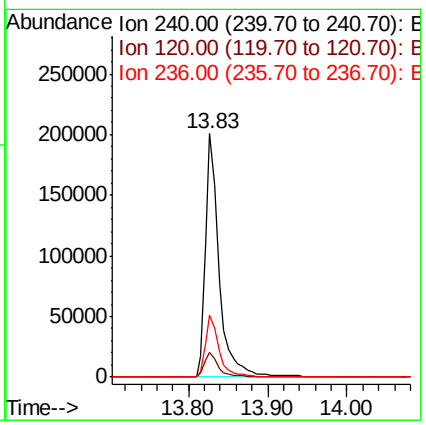


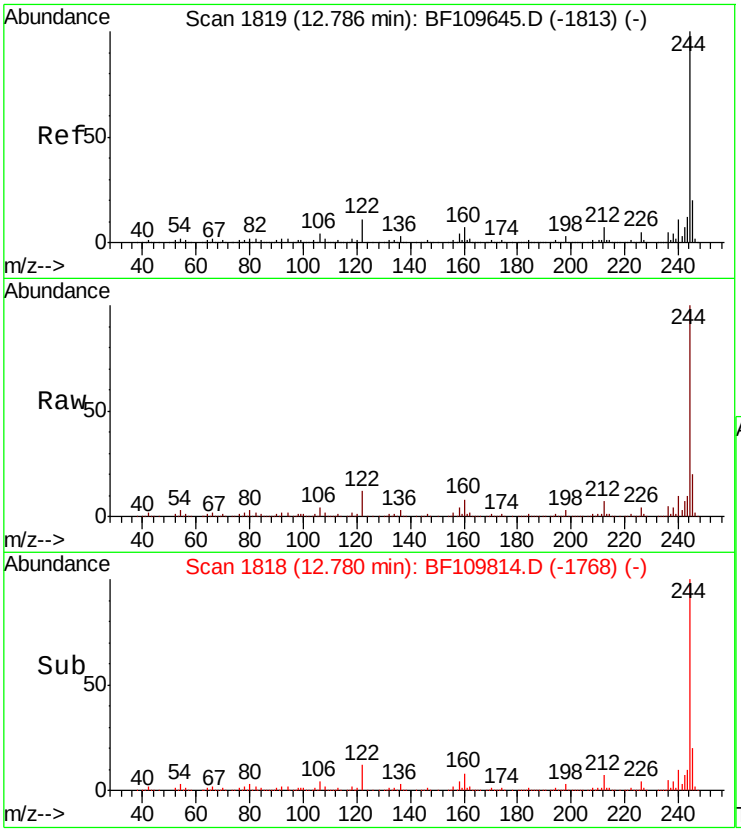


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

Tgt Ion:240 Resp: 243903

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	25.2	21.2	31.8



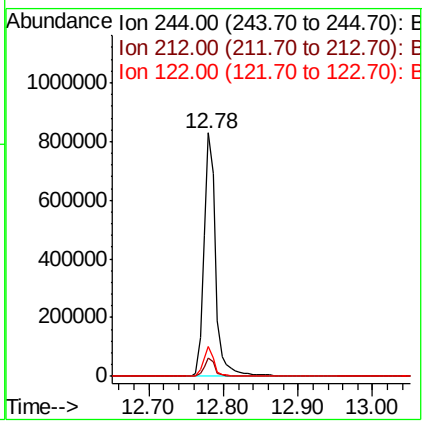


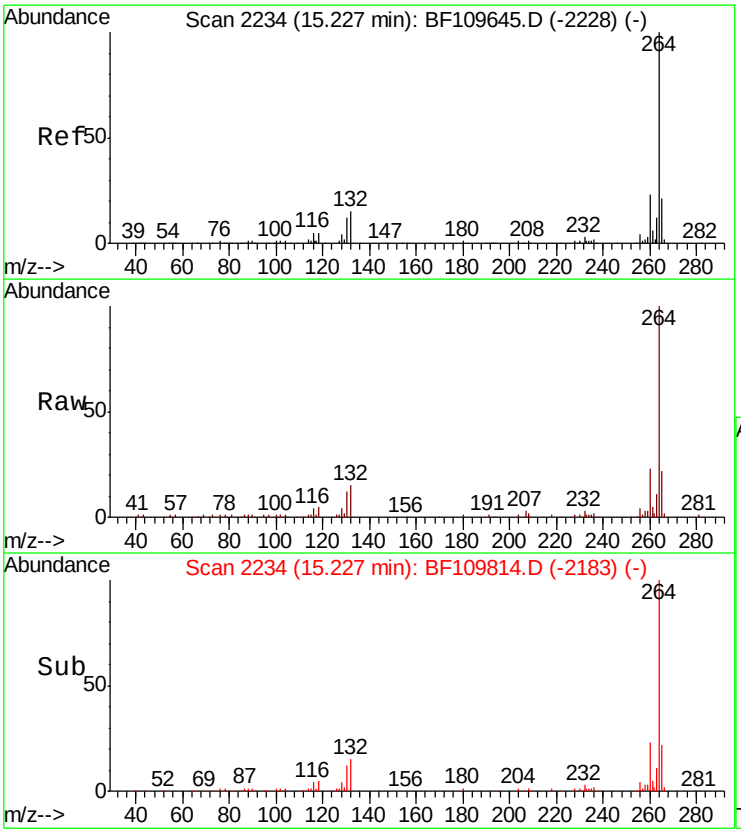
#78
Terphenyl-d14
Concen: 72.122 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

Instrument :
BNA_F
ClientSampleId :
100418-SIDI-E-D-M

Tgt Ion:244 Resp: 908694

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	12.3	8.7	13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

Tgt Ion:264 Resp: 159369

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	22.2	16.7	25.1