Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091918\
Data File : BF109165.D
Acq On : 20 Sep 2018 1:00
Operator : JU/SJ
Sample : J4984-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 091718-SIDI-E-D-B

Quant Time: Sep 20 04:53:38 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	138380	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	499973	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	206818	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	340862	20.00	ng	0.00
75) Chrysene-d12	13.85	240	341049	20.00	ng	0.00
86) Perylene-d12	15.25	264	304595	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	330391	39.65	ng	0.00
7) Phenol-d6	6.35	99	257403	23.96	ng	-0.01
23) Nitrobenzene-d5	7.28	82	780779	87.59	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	160004	71.29	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1296900	98.25	ng	0.00
78) Terphenyl-d14	12.81	244	1169955	81.31	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	13872	2.022	ng	# 74
19) n-Nitroso-di-n-propylamine	7.28	70	105174	14.810	ng	# 77
25) Isophorone	7.28	82	774825	50.566	ng	# 64
49) Dimethylphthalate	9.47	163	116762	7.899	ng	99
56) 2,4-Dinitrotoluene	9.75	165	25855	6.031	ng	# 24
66) 4-Bromophenyl-phenylether	10.53	248	9425	2.453	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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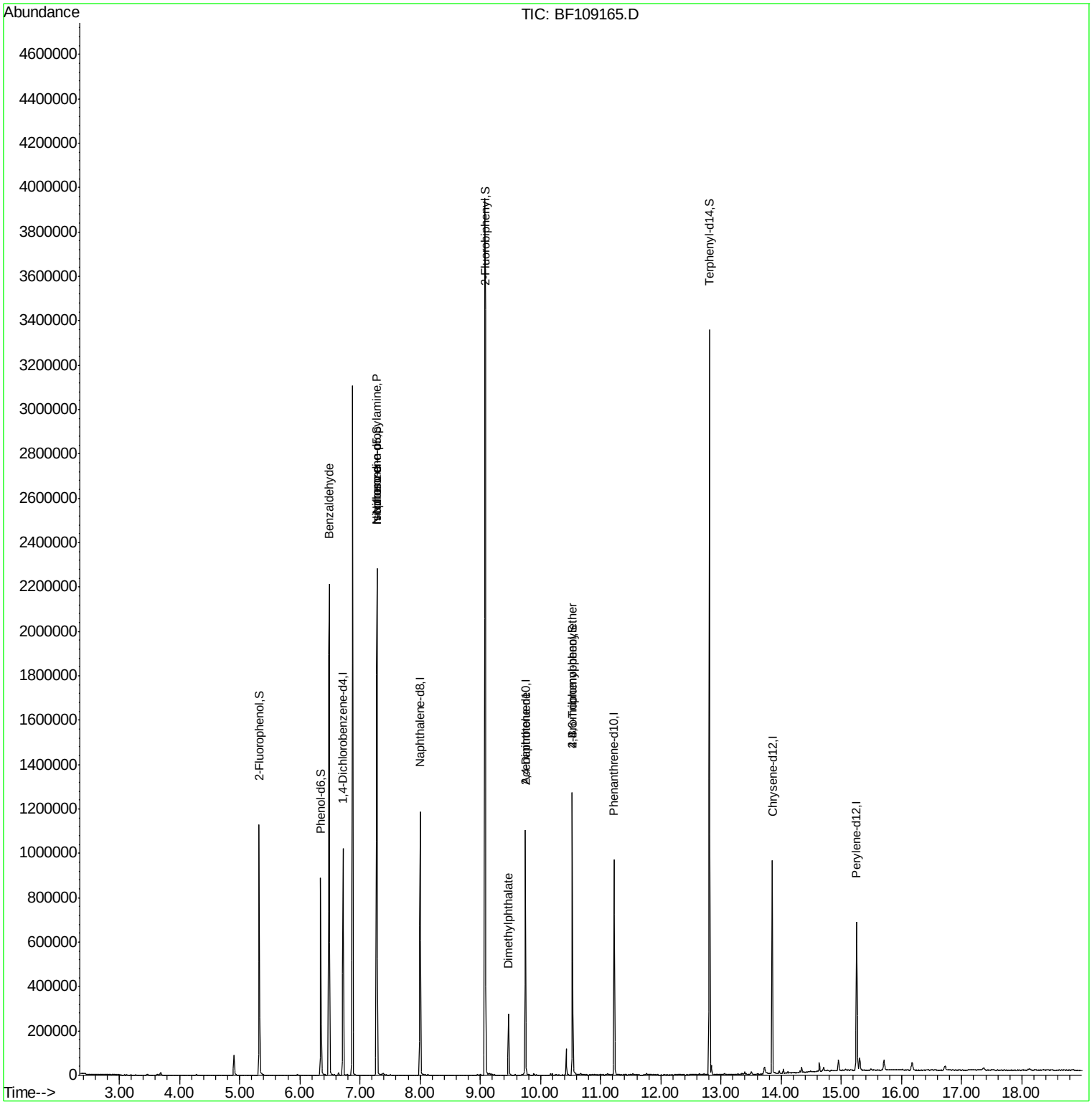
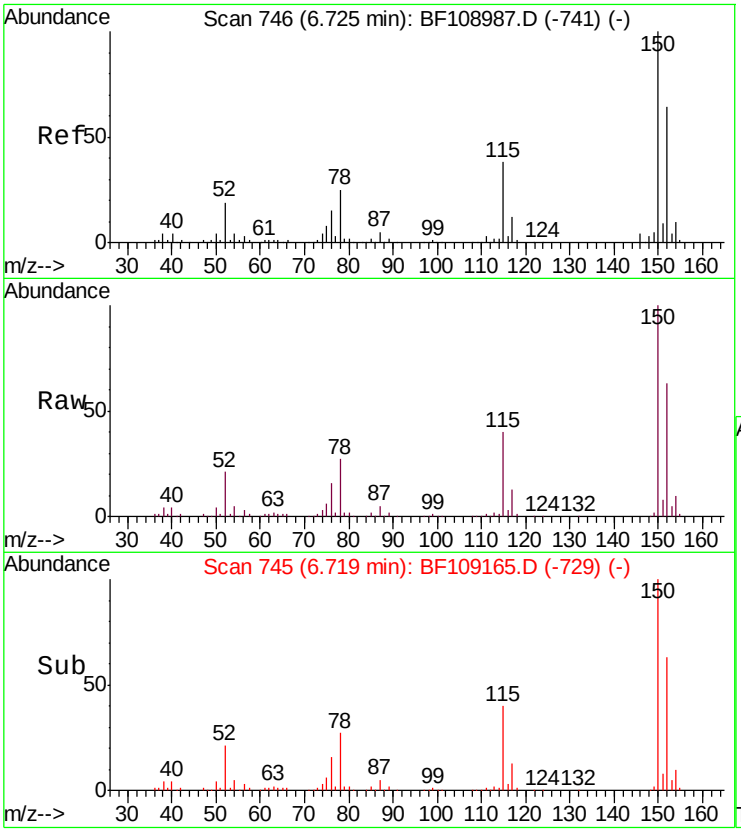


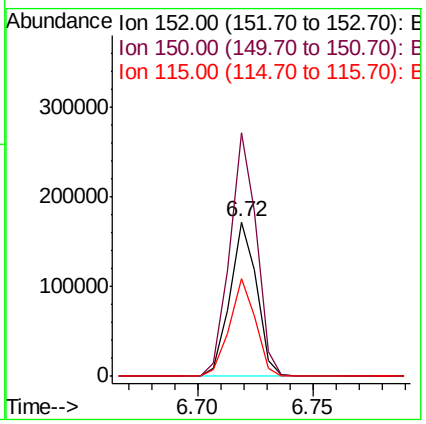


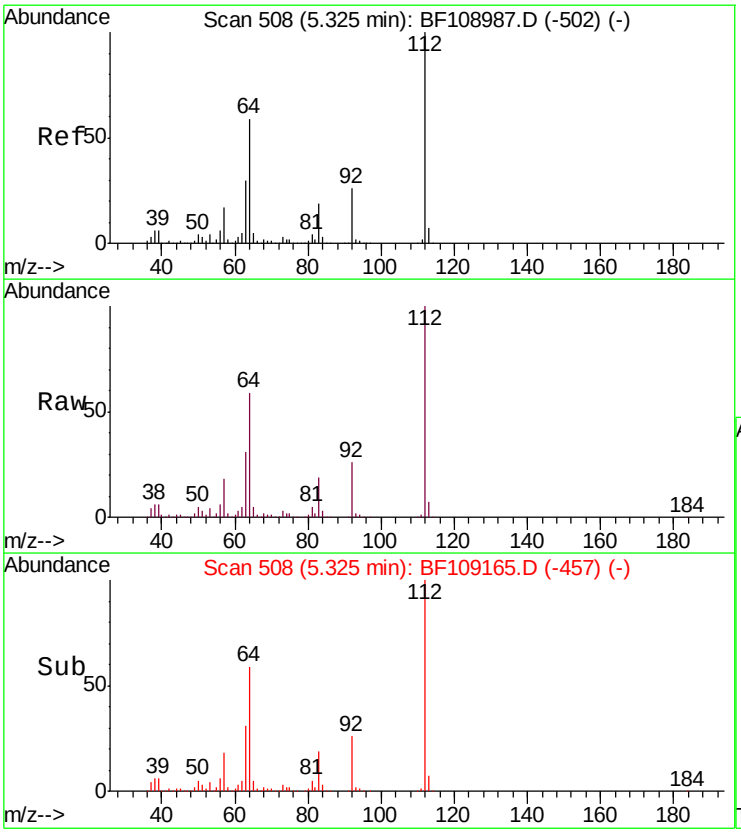
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109165.D
Acq: 20 Sep 2018 1:00

Instrument :
BNA_F
ClientSampleId :
091718-SIDI-E-D-B

Tgt Ion:152 Resp: 138380

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	63.4	50.1	75.1

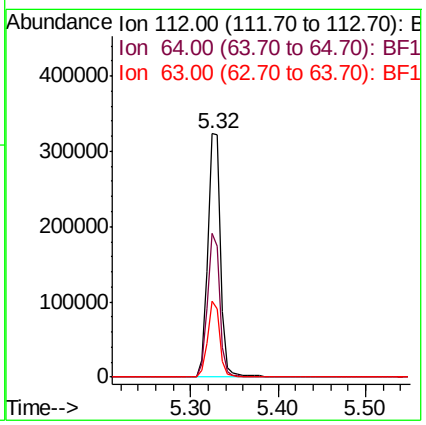


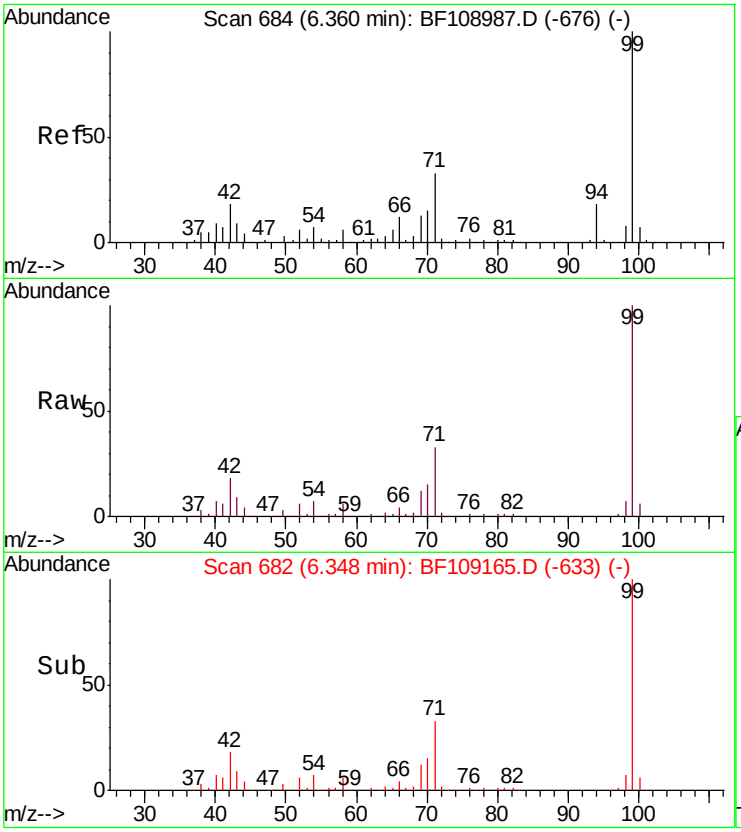


#5
2-Fluorophenol
Concen: 39.655 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109165.D
Acq: 20 Sep 2018 1:00

Tgt Ion:112 Resp: 330391

Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	31.4	23.7	35.5



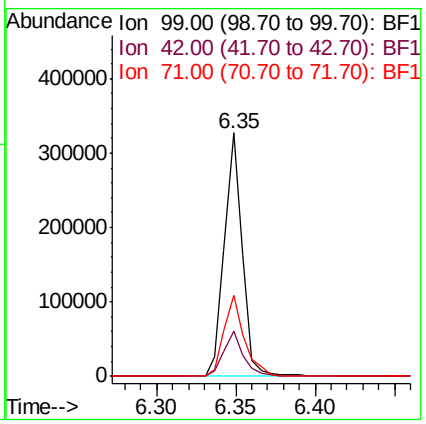


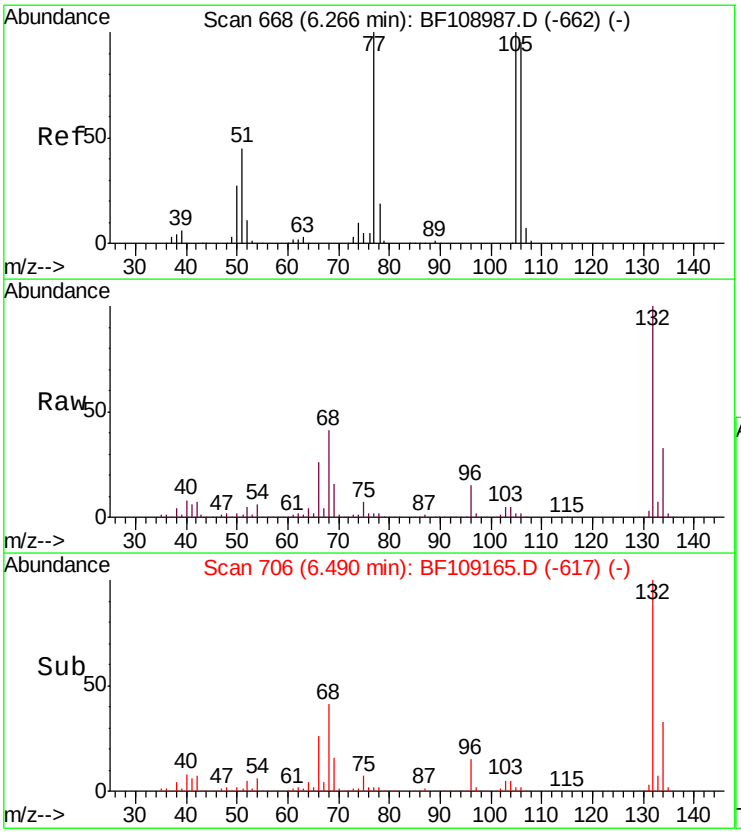
#7
Phenol-d6
Concen: 23.959 ng
RT: 6.35 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF109165.D
Acq: 20 Sep 2018 1:00

Instrument :
BNA_F
ClientSampleId :
091718-SIDI-E-D-B

Tgt Ion: 99 Resp: 257403

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.5	21.7
71	33.1	25.4	38.0

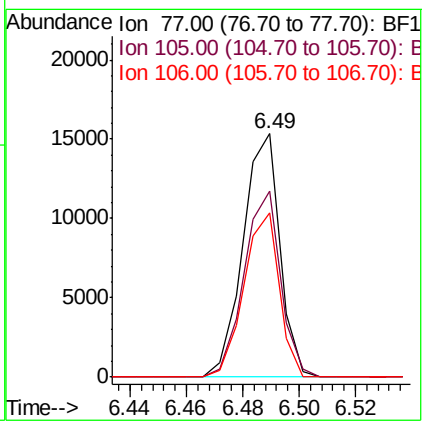


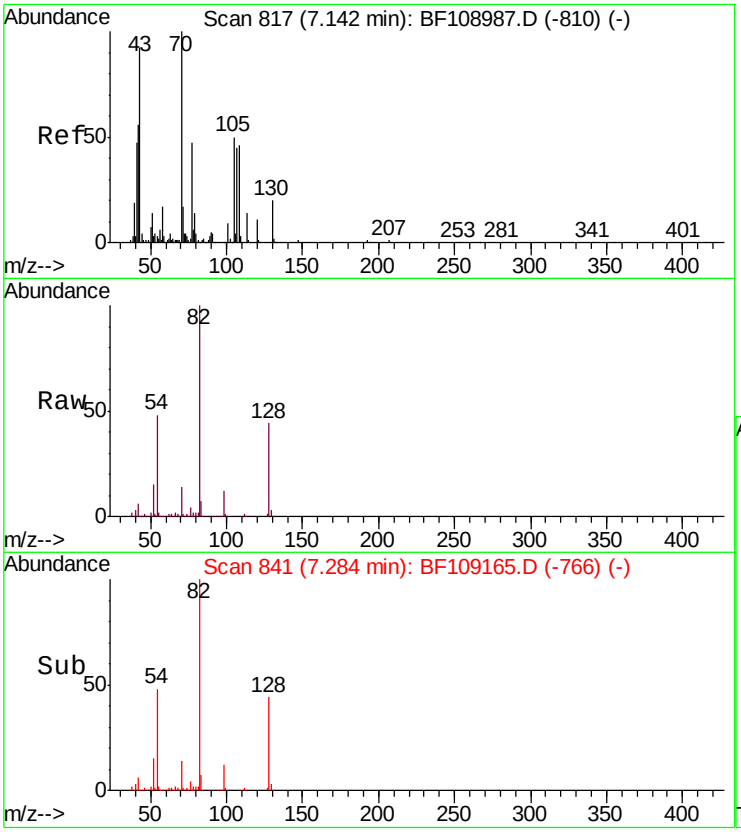


#9
Benzaldehyde
Concen: 2.022 ng
RT: 6.49 min Scan# 706
Delta R.T. 0.22 min
Lab File: BF109165.D
Acq: 20 Sep 2018 1:00

Tgt Ion: 77 Resp: 13872

Ion	Ratio	Lower	Upper
77	100		
105	76.5	81.1	121.1#
106	67.5	74.5	114.5#



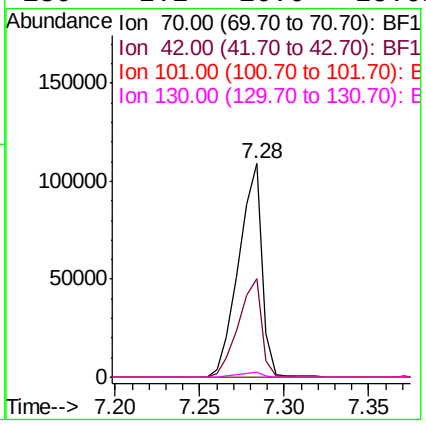


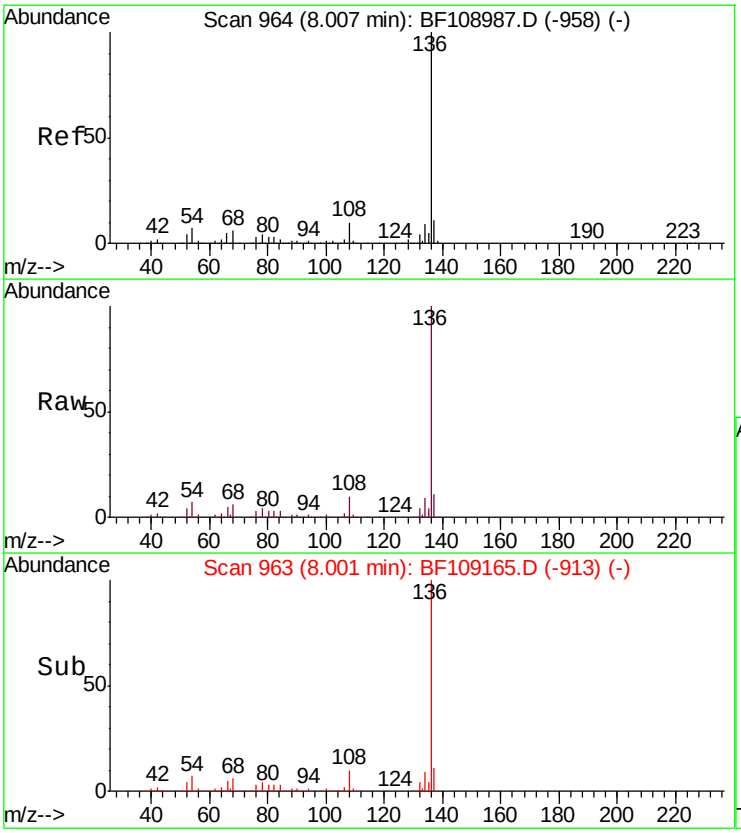
#19
n-Nitroso-di-n-propylamine
Concen: 14.810 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109165.D
Acq: 20 Sep 2018 1:00

Instrument :
BNA_F
ClientSampleId :
091718-SIDI-E-D-B

Tgt Ion: 70 Resp: 105174

Ion	Ratio	Lower	Upper
70	100		
42	46.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

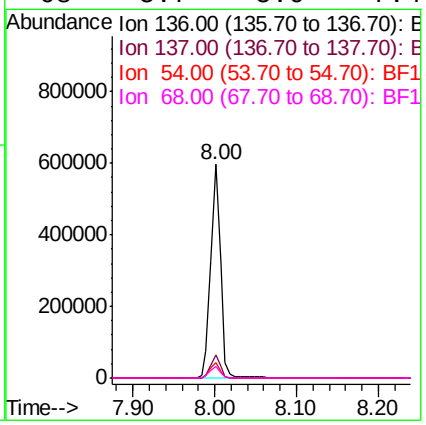


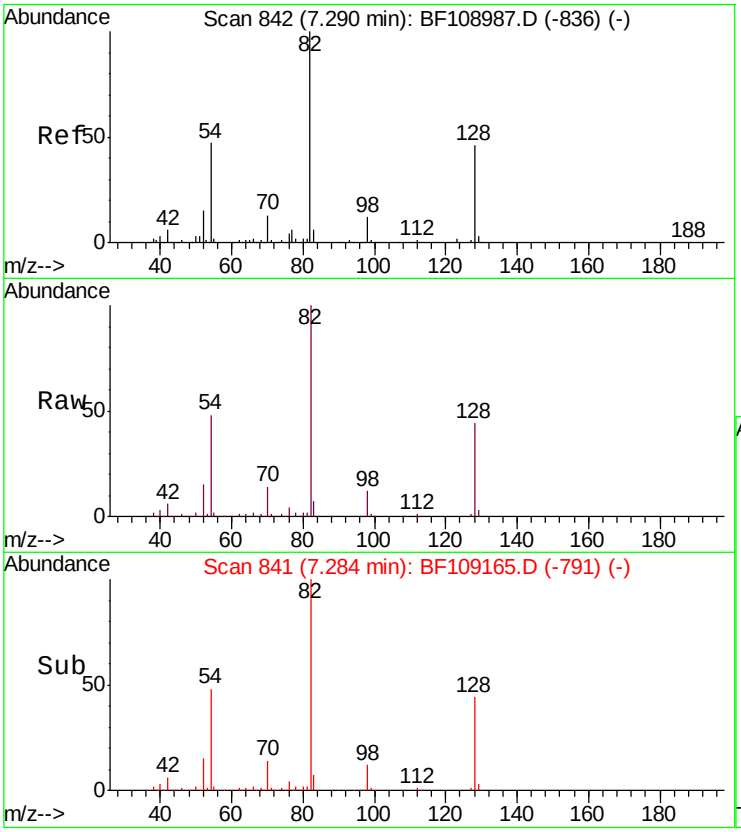


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109165.D
Acq: 20 Sep 2018 1:00

Tgt Ion:136 Resp: 499973

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.1	6.6	9.8
68	5.7	5.0	7.4



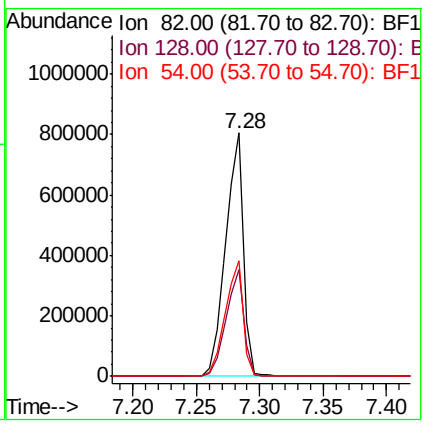


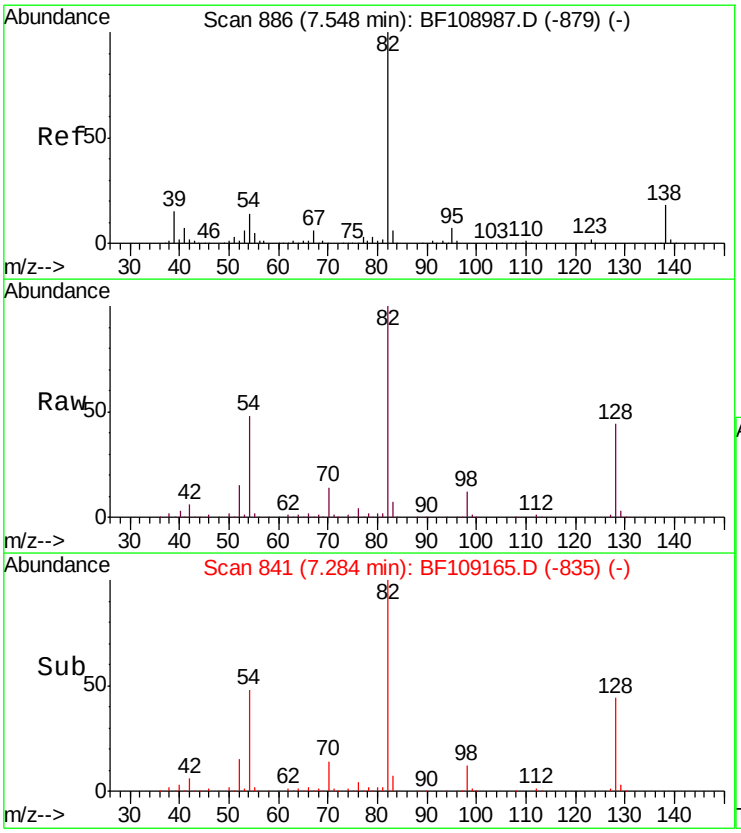
#23
Nitrobenzene-d5
Concen: 87.590 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109165.D
Acq: 20 Sep 2018 1:00

Instrument :
BNA_F
ClientSampleId :
091718-SIDI-E-D-B

Tgt Ion: 82 Resp: 780779

Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	47.6	41.4	62.2

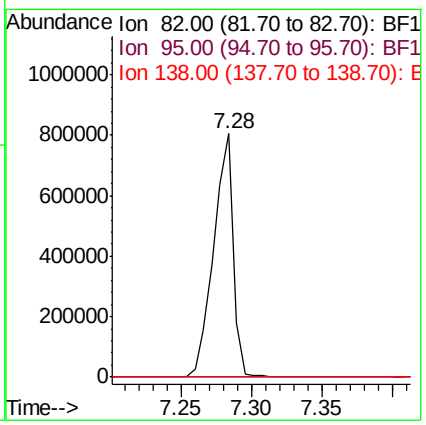


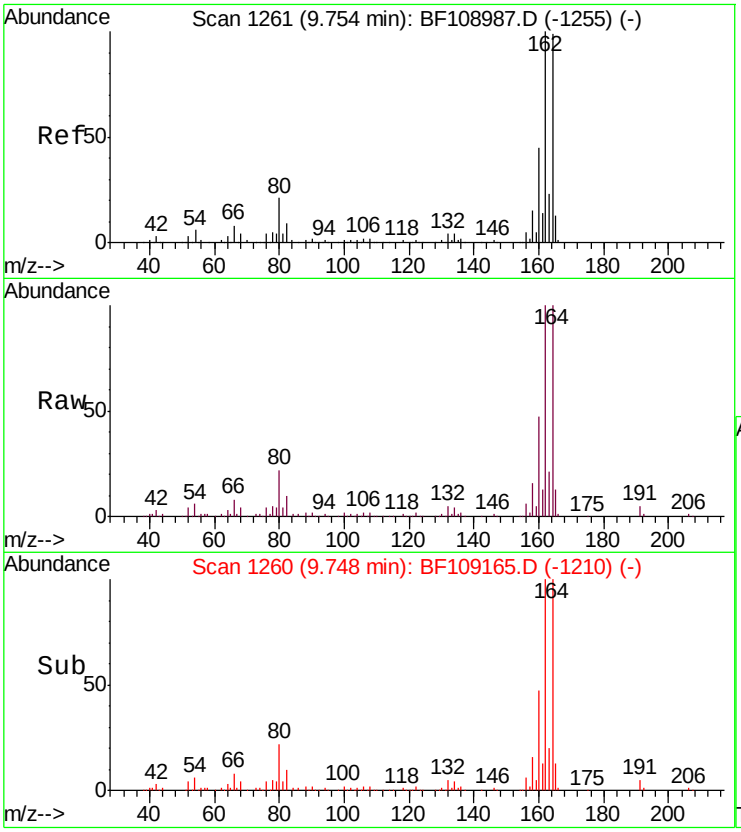


#25
Isophorone
Concen: 50.566 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.26 min
Lab File: BF109165.D
Acq: 20 Sep 2018 1:00

Tgt Ion: 82 Resp: 774825

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



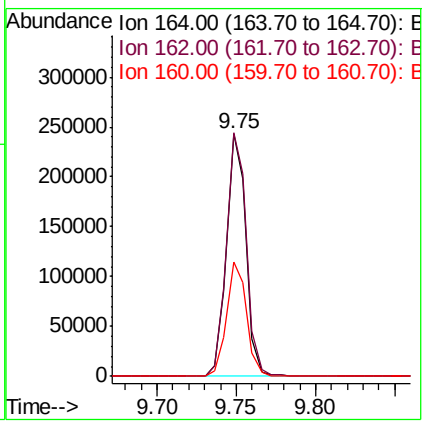


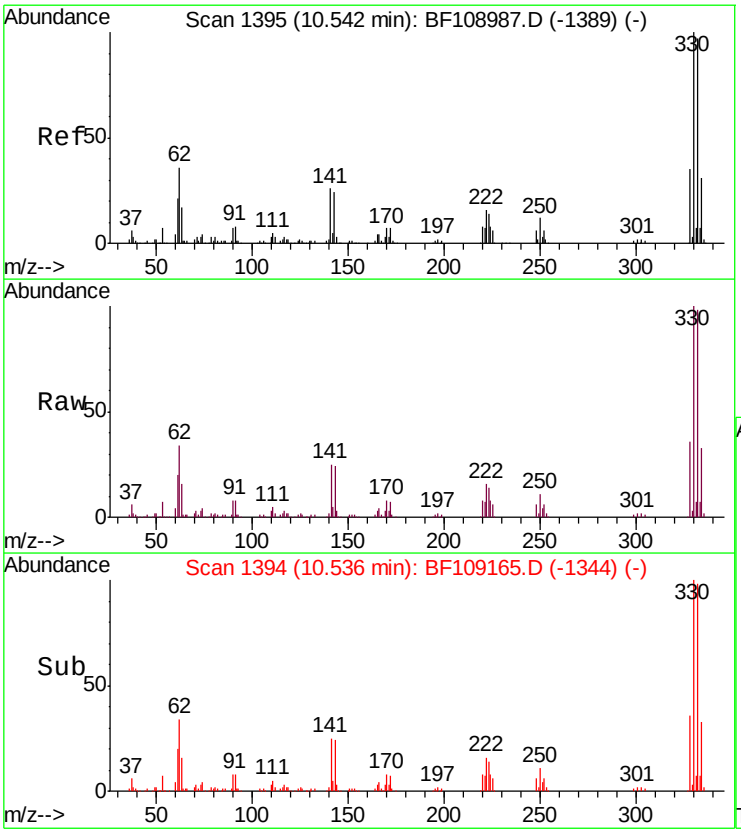
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109165.D
Acq: 20 Sep 2018 1:00

Instrument :
BNA_F
ClientSampleId :
091718-SIDI-E-D-B

Tgt Ion:164 Resp: 206818

Ion	Ratio	Lower	Upper
164	100		
162	100.5	86.1	129.1
160	47.1	38.3	57.5

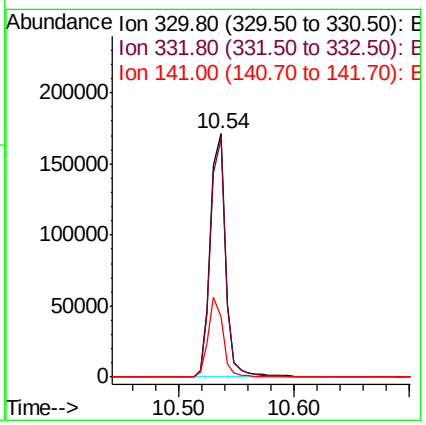


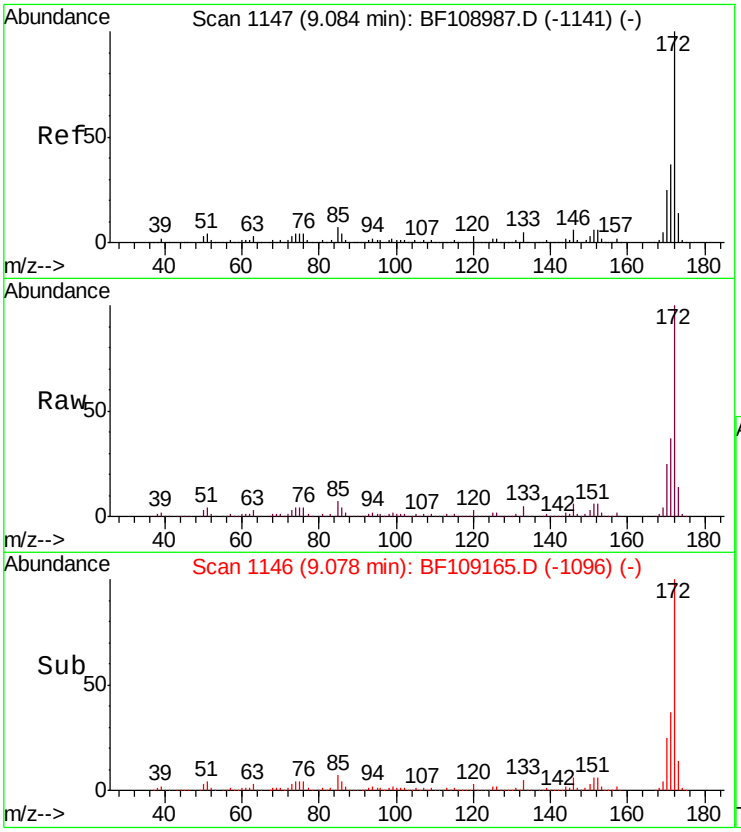


#41
2,4,6-Tribromophenol
Concen: 71.286 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109165.D
Acq: 20 Sep 2018 1:00

Tgt Ion:330 Resp: 160004

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	31.6	29.9	44.9



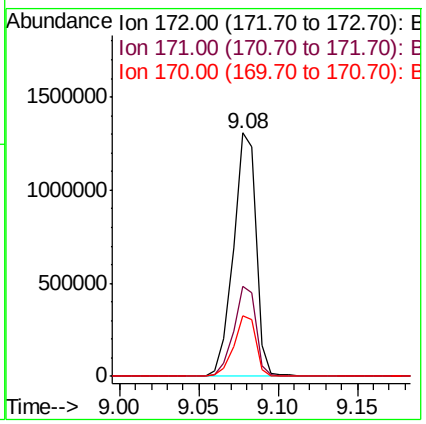


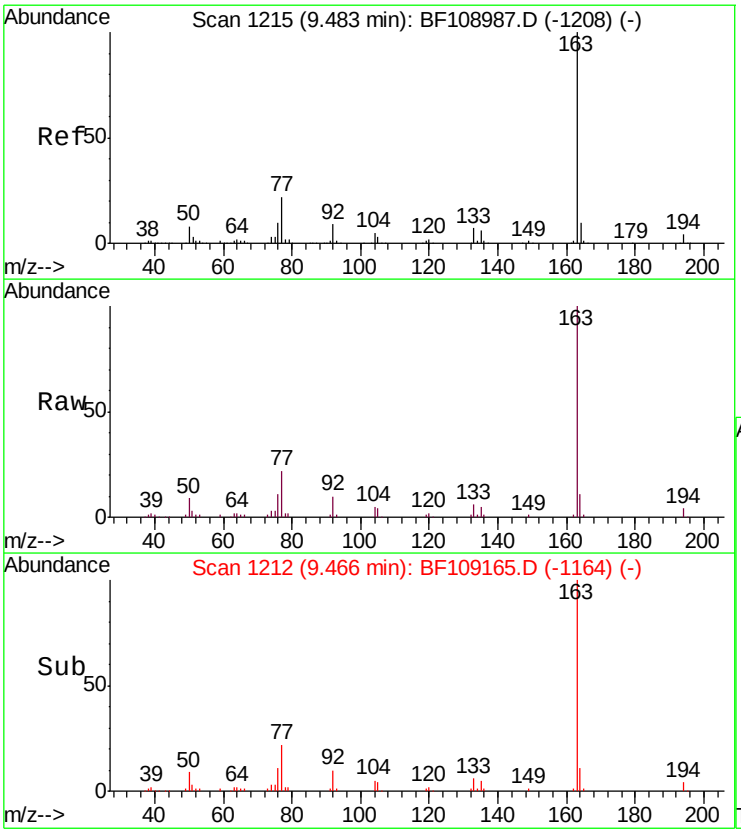
#44
2-Fluorobiphenyl
Concen: 98.245 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109165.D
Acq: 20 Sep 2018 1:00

Instrument :
BNA_F
ClientSampleId :
091718-SIDI-E-D-B

Tgt Ion:172 Resp: 1296900

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	25.1	19.6	29.4

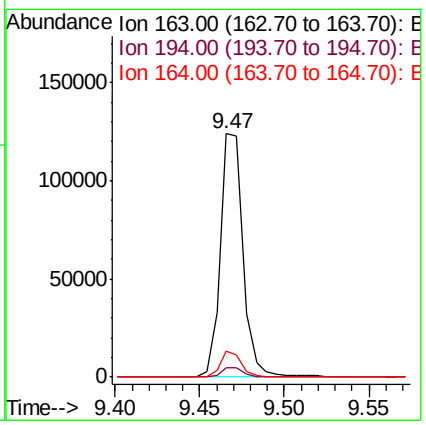


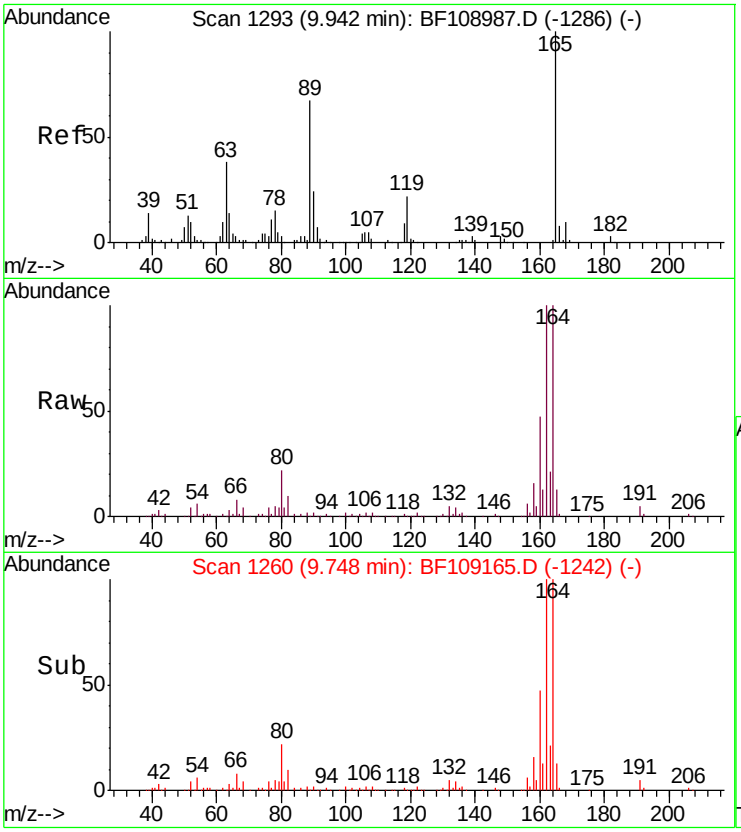


#49
Dimethylphthalate
Concen: 7.899 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109165.D
Acq: 20 Sep 2018 1:00

Tgt Ion:163 Resp: 116762

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.5	8.2	12.2



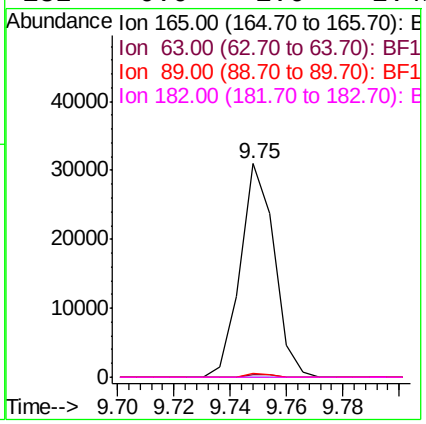


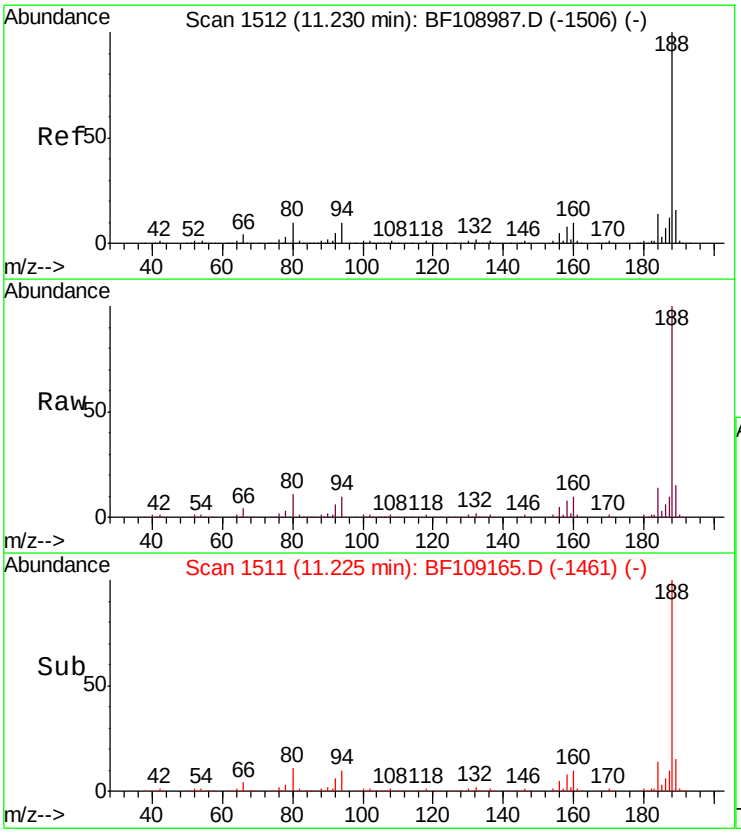
#56
2,4-Dinitrotoluene
Concen: 6.031 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.19 min
Lab File: BF109165.D
Acq: 20 Sep 2018 1:00

Instrument :
BNA_F
ClientSampleId :
091718-SIDI-E-D-B

Tgt Ion:165 Resp: 25855

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	2.1	57.8	86.6#
182	0.0	1.6	2.4#

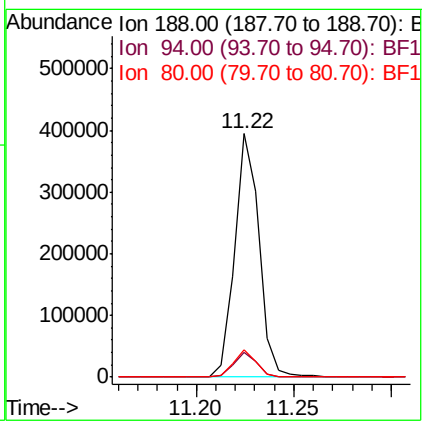


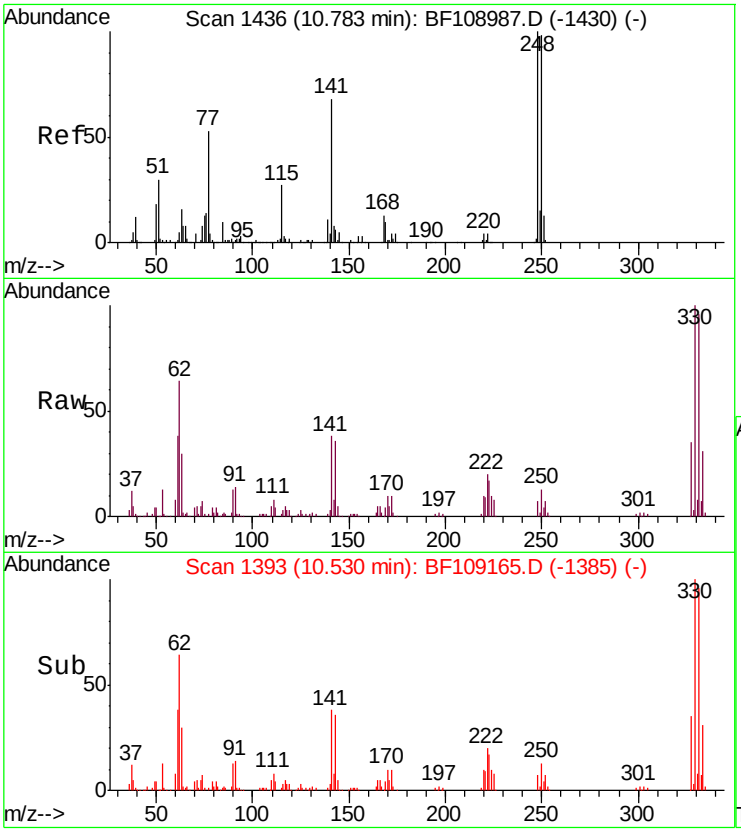


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109165.D
Acq: 20 Sep 2018 1:00

Tgt Ion:188 Resp: 340862

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.1	9.2	13.8



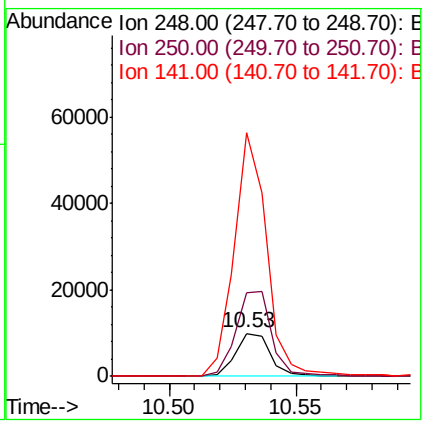


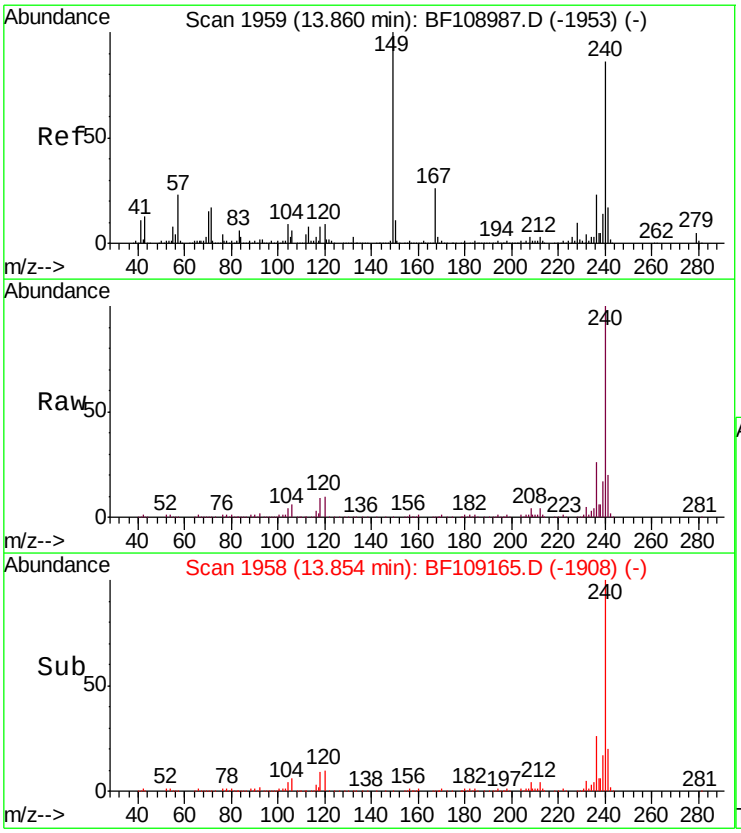
#66
4-Bromophenyl-phenylether
Concen: 2.453 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.25 min
Lab File: BF109165.D
Acq: 20 Sep 2018 1:00

Instrument :
BNA_F
ClientSampleId :
091718-SIDI-E-D-B

Tgt Ion:248 Resp: 9425

Ion	Ratio	Lower	Upper
248	100		
250	195.3	76.9	115.3#
141	570.6	74.4	111.6#

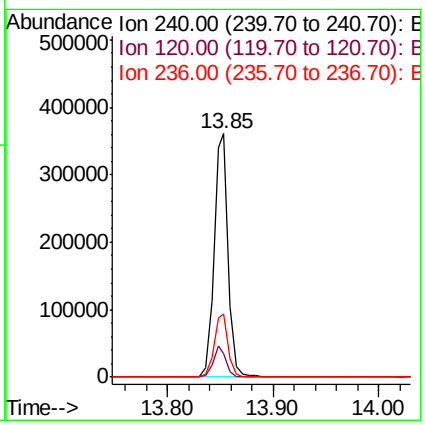


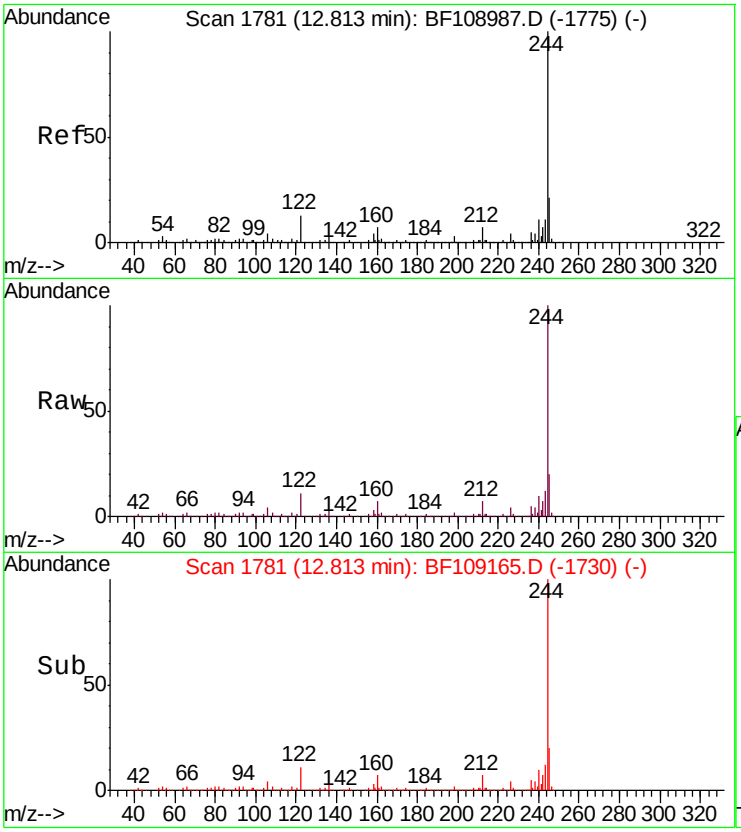


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109165.D
Acq: 20 Sep 2018 1:00

Tgt Ion:240 Resp: 341049

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.5	14.3
236	26.1	20.7	31.1



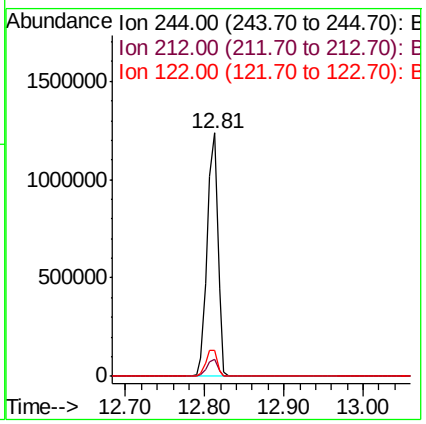


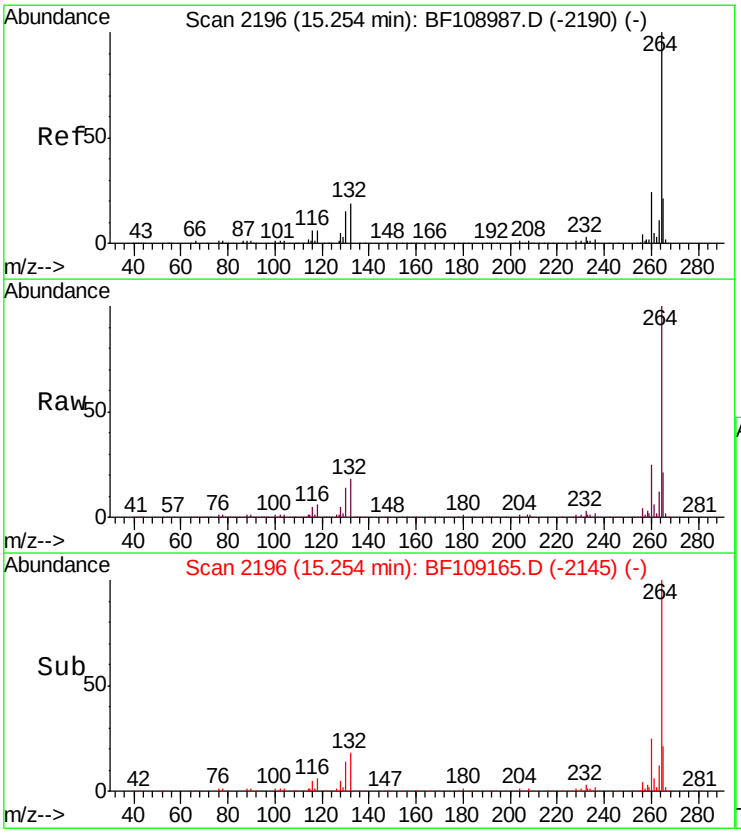
#78
Terphenyl-d14
Concen: 81.311 ng
RT: 12.81 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BF109165.D
Acq: 20 Sep 2018 1:00

Instrument :
BNA_F
ClientSampleId :
091718-SIDI-E-D-B

Tgt Ion:244 Resp: 1169955

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.8	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: BF109165.D
Acq: 20 Sep 2018 1:00

Tgt Ion:264 Resp: 304595

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.2	17.5	26.3