Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109247.D
Acq On : 23 Sep 2018 3:45
Operator : JU/SJ
Sample : J5017-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 24 06:53:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	115531	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	421701	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	175817	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	238834	20.00	ng	0.00
75) Chrysene-d12	13.86	240	176682	20.00	ng	0.01
86) Perylene-d12	15.26	264	153981	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	654977	93.38	ng	0.00
7) Phenol-d6	6.35	99	834043	93.18	ng	-0.01
23) Nitrobenzene-d5	7.27	82	517107	72.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	143581	82.84	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	893407	76.64	ng	-0.01
78) Terphenyl-d14	12.82	244	490966	68.20	ng	0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	76337	13.016	ng	# 77
25) Isophorone	7.27	82	485876	37.771	ng	# 64
49) Dimethylphthalate	9.46	163	208382	16.295	ng	# 99
53) 2,4-Dinitrophenol	9.96	184	165	8.666	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.35	198	315	6.804	ng	# 1
65) n-Nitrosodiphenylamine	10.40	169	40581	5.143	ng	# 39
80) Benzo(a)anthracene	13.88	228	25496	2.396	ng	# 1
82) Chrysene	13.88	228	24984	2.369	ng	# 4

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

Quantitation Report (Not Reviewed)

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Acq On : 23 Sep 2018 3:45
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Misc :
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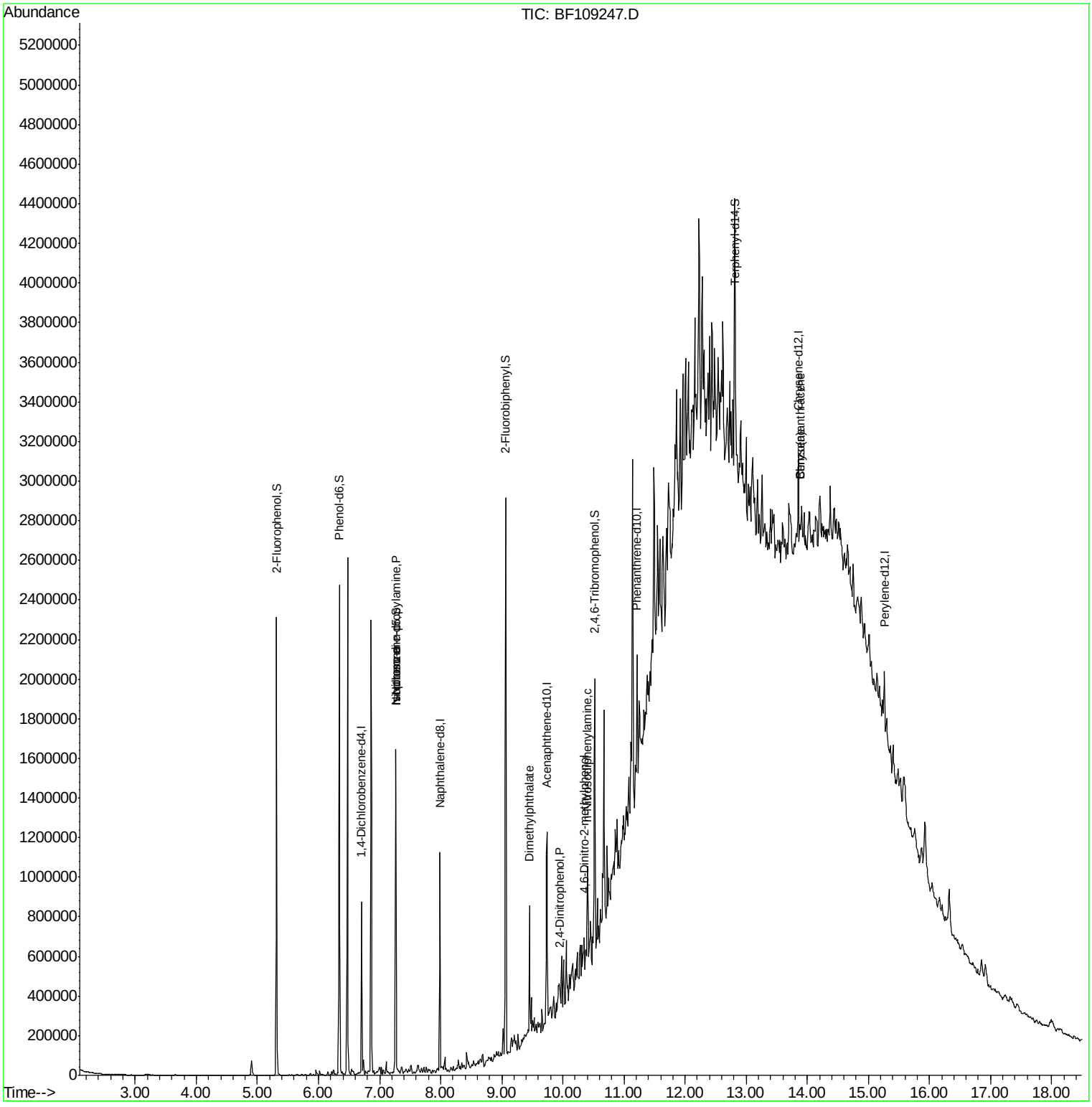
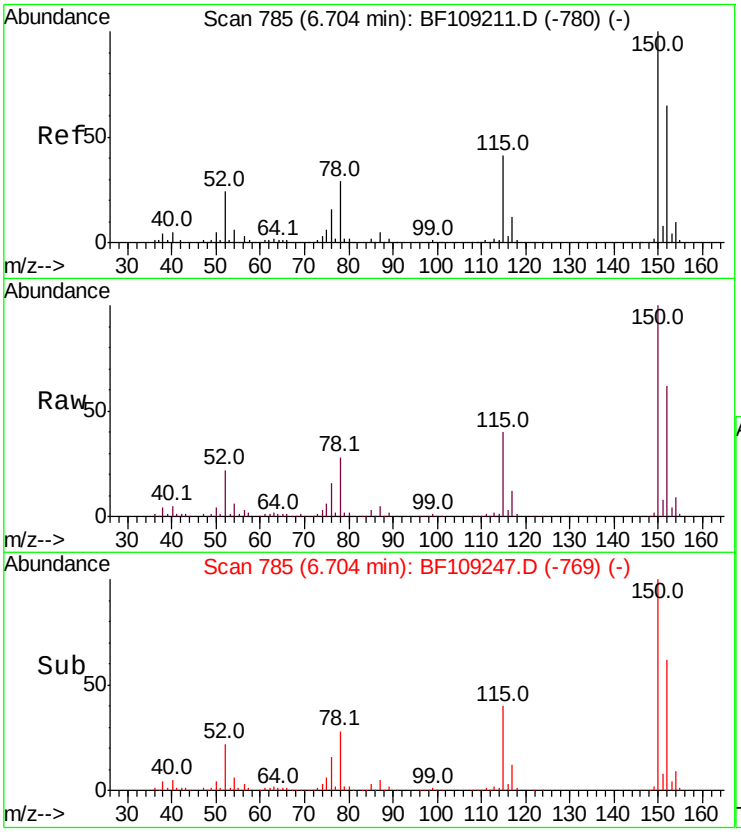


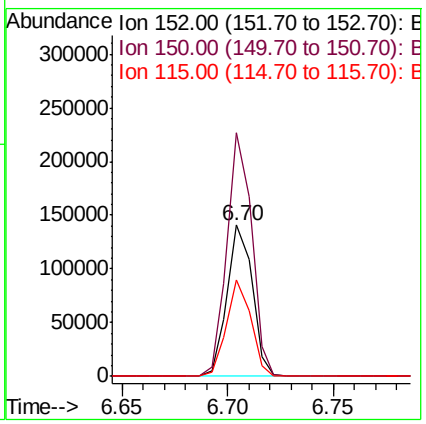


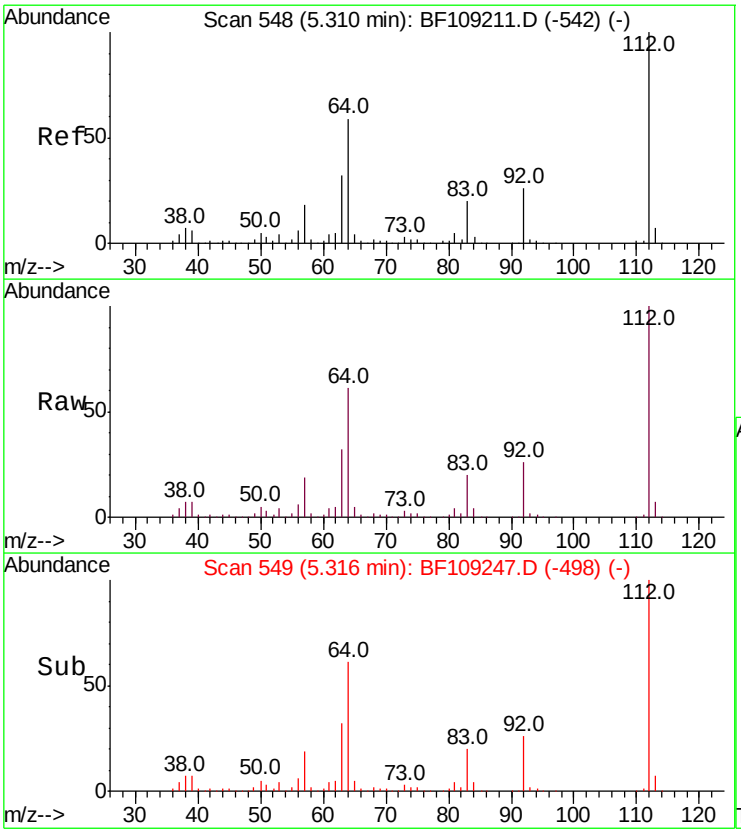
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 115531

Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.6	186.8
115	63.7	50.1	75.1

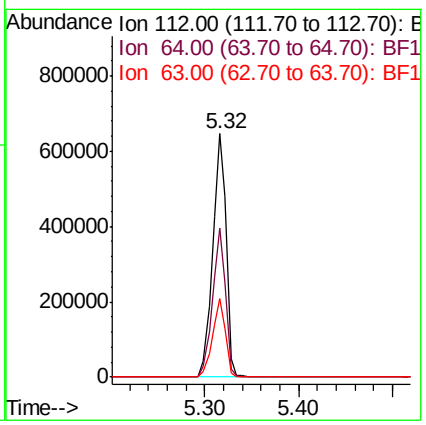


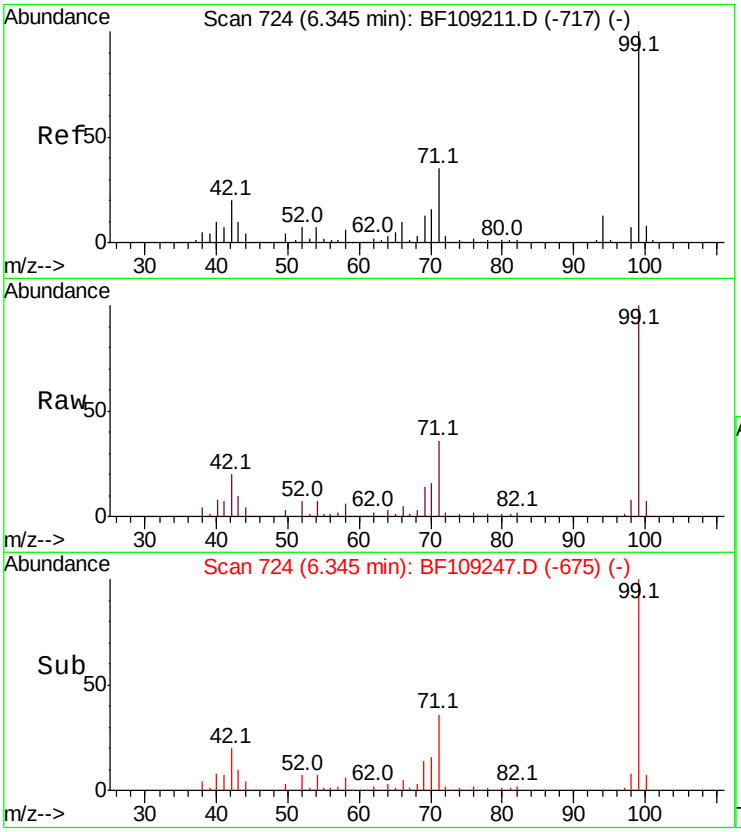


#5
2-Fluorophenol
Concen: 93.377 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Tgt Ion:112 Resp: 654977

Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.9	71.9
63	32.2	23.7	35.5



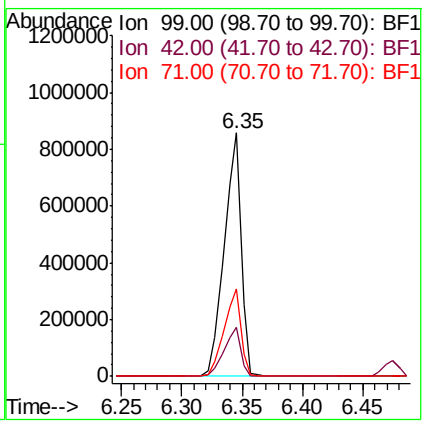


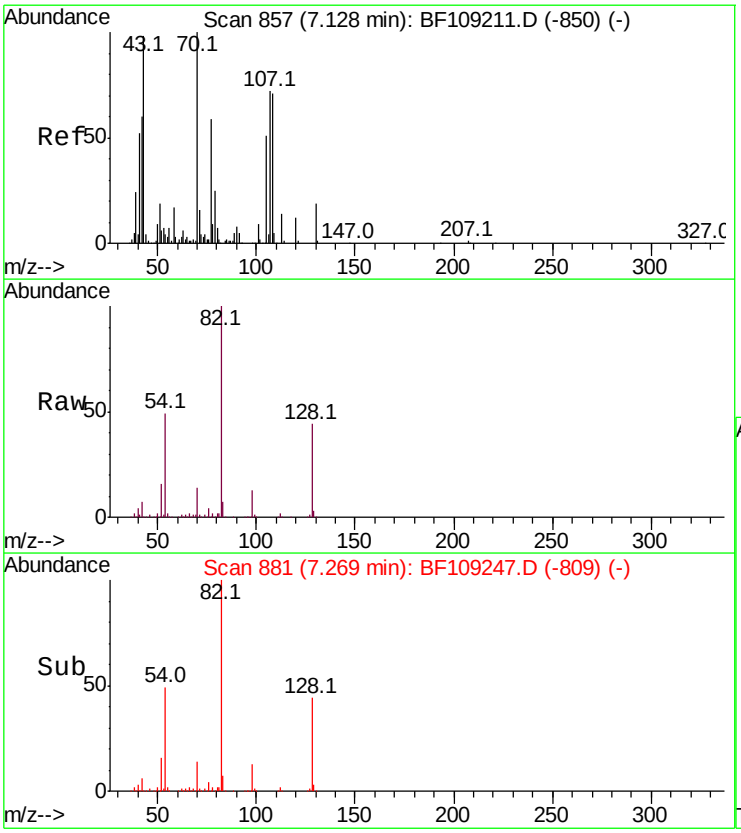
#7
Phenol-d6
Concen: 93.184 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 834043

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	35.8	25.4	38.0

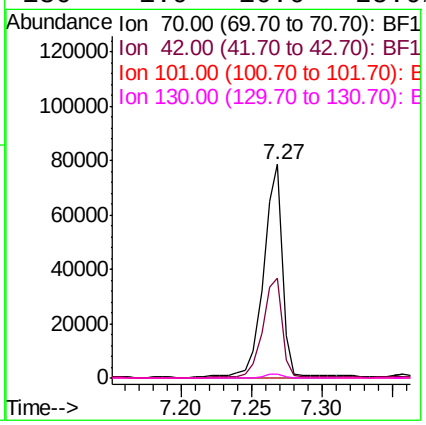


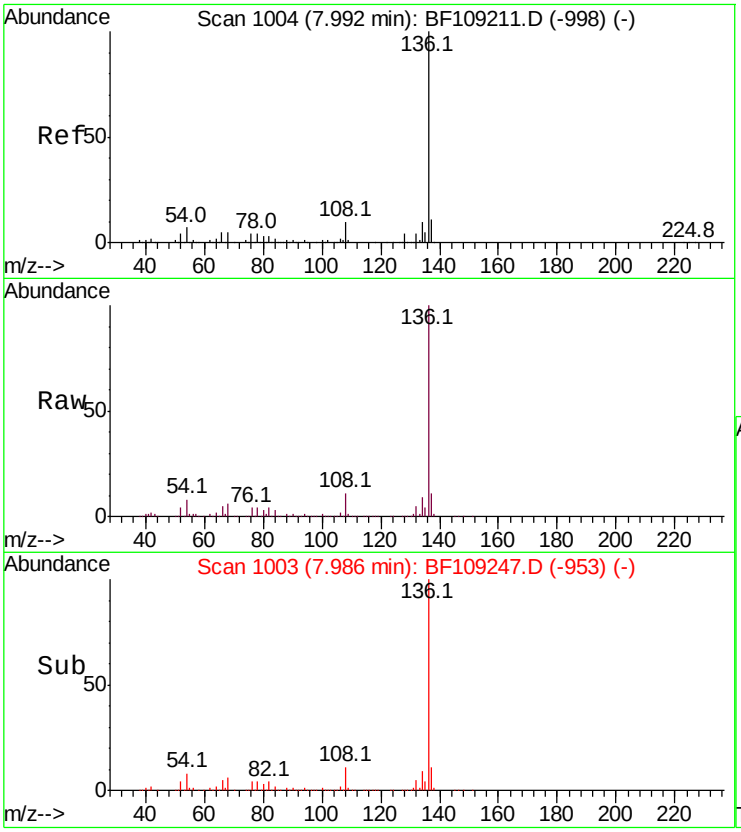


#19
n-Nitroso-di-n-propylamine
Concen: 13.016 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Tgt Ion: 70 Resp: 76337

Ion	Ratio	Lower	Upper
70	100		
42	46.9	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



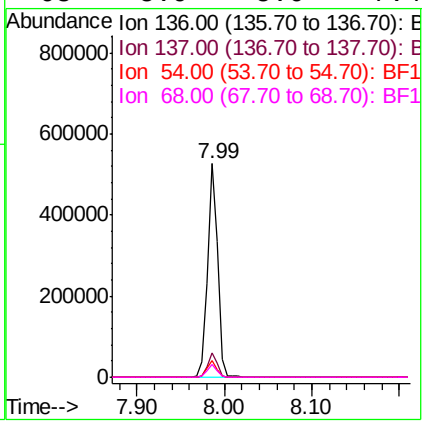


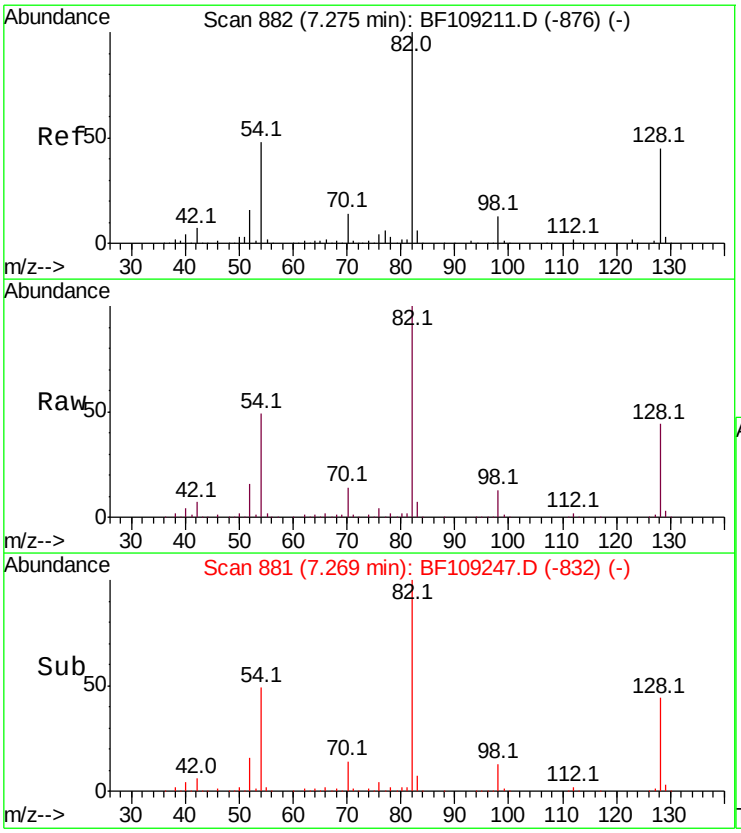
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 421701

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.8	6.6	9.8
68	5.9	5.0	7.4

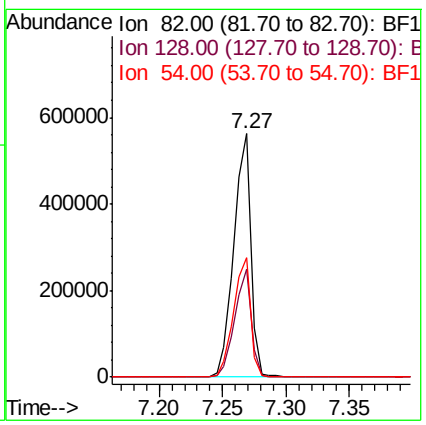


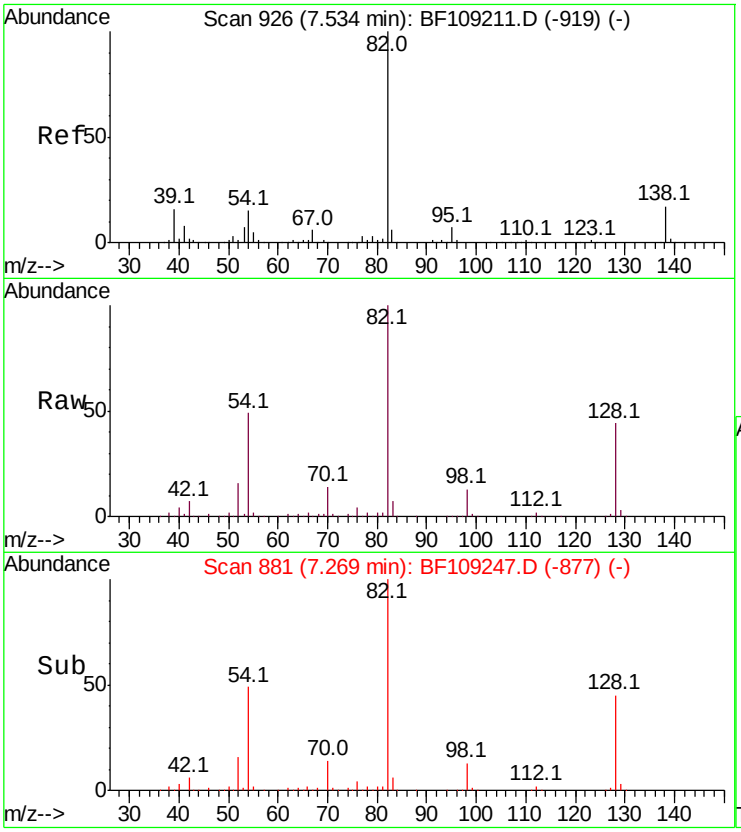


#23
Nitrobenzene-d5
Concen: 72.387 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Tgt Ion: 82 Resp: 517107

Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	48.9	41.4	62.2



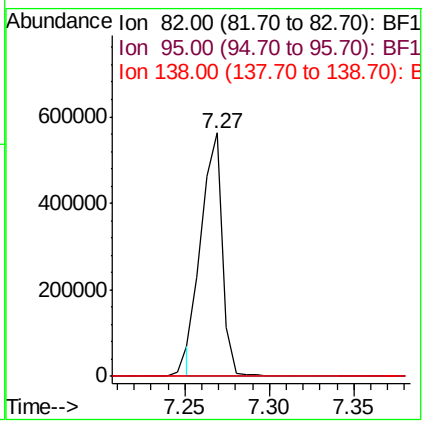


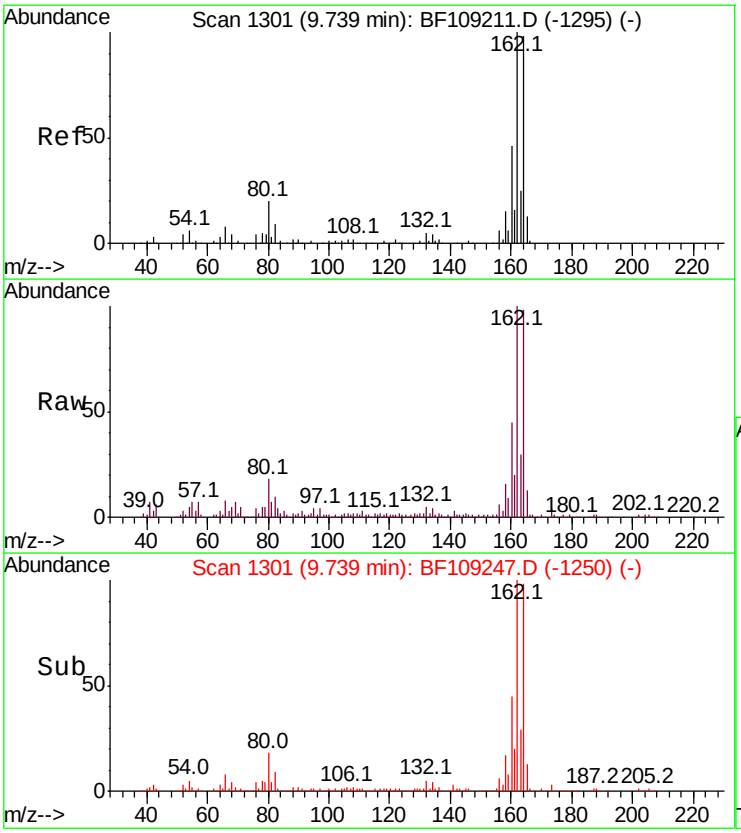
#25
Isophorone
Concen: 37.771 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 485876

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

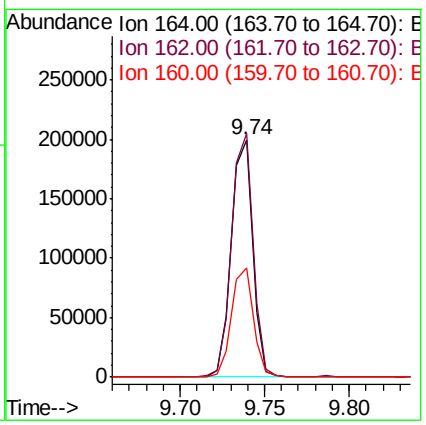


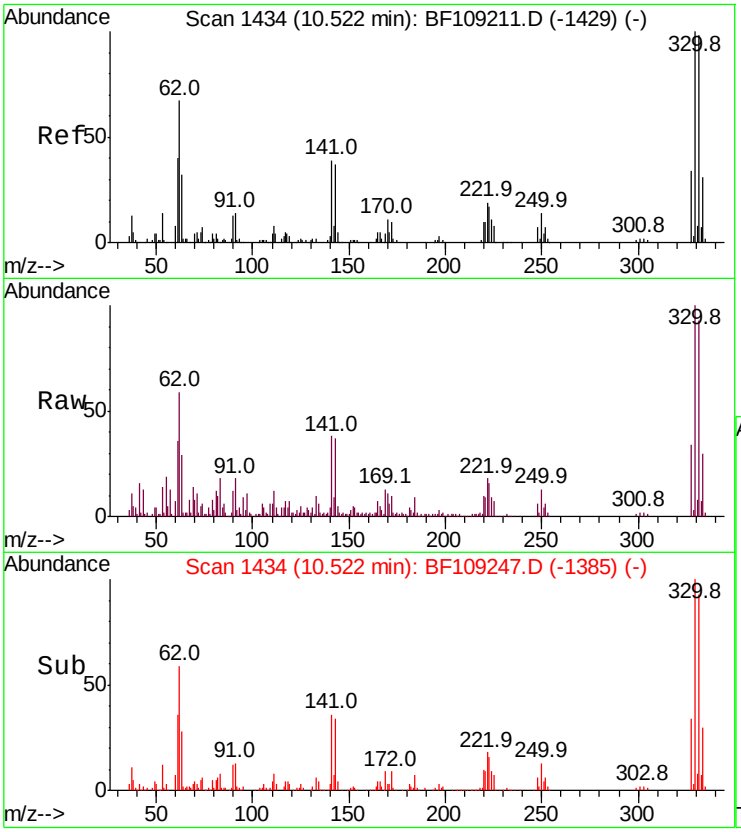


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Tgt Ion:164 Resp: 175817

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	46.2	38.3	57.5



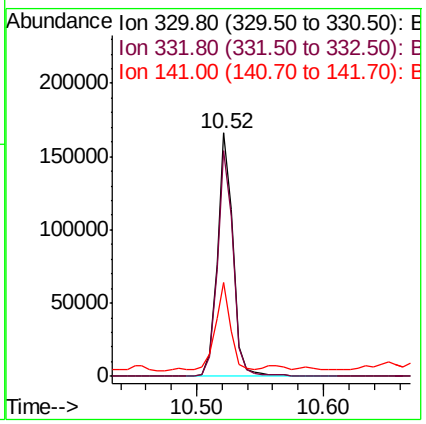


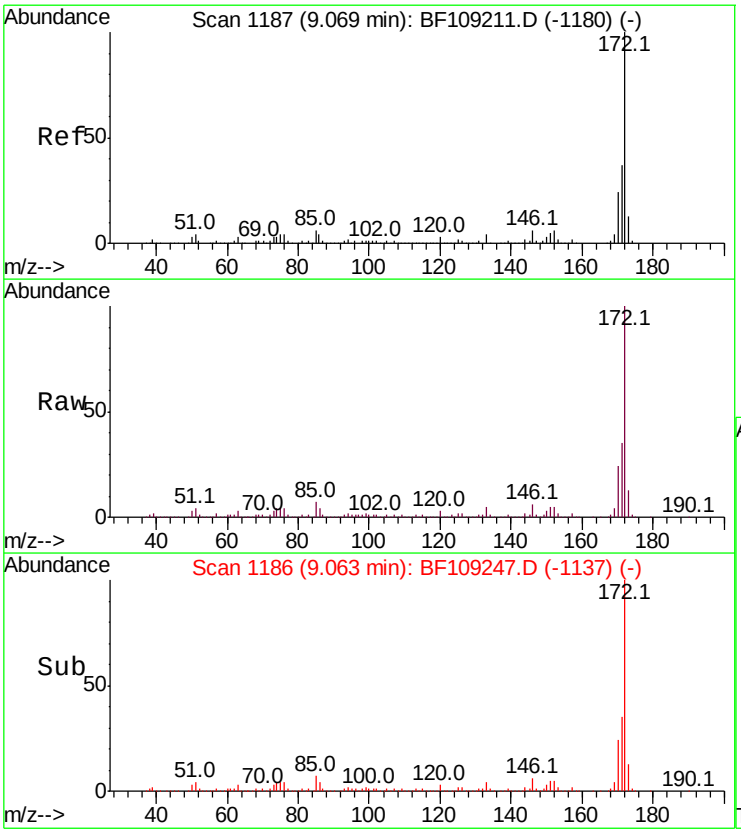
#41
2,4,6-Tribromophenol
Concen: 82.842 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 143581

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	37.3	29.9	44.9

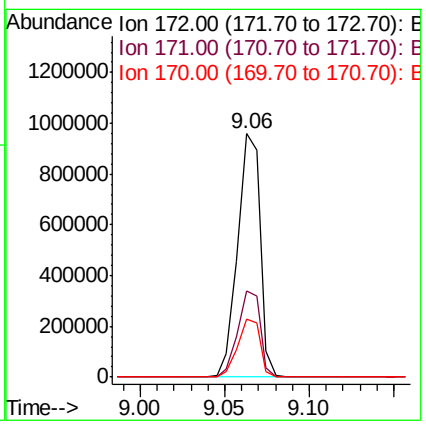


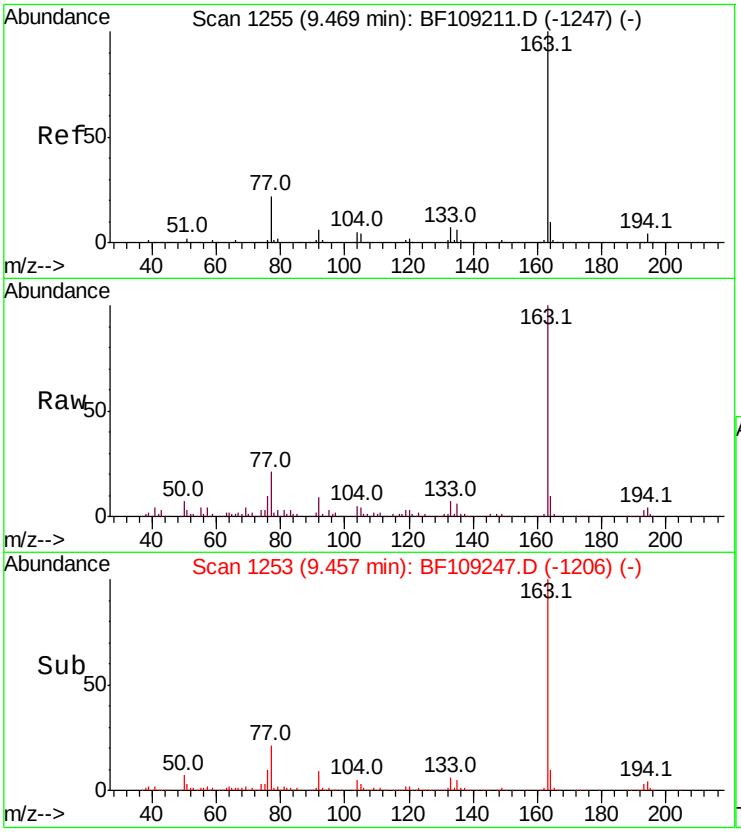


#44
2-Fluorobiphenyl
Concen: 76.638 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Tgt Ion:172 Resp: 893407

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	24.1	19.6	29.4



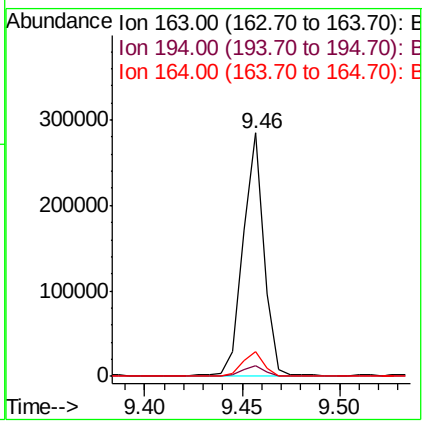


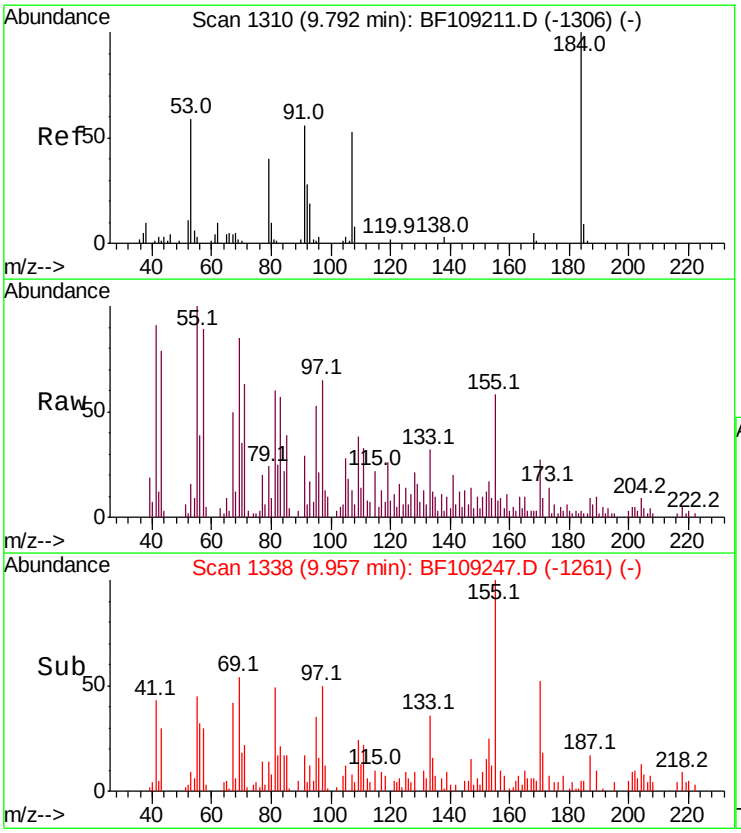
#49
Dimethylphthalate
Concen: 16.295 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 208382

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	10.1	8.2	12.2

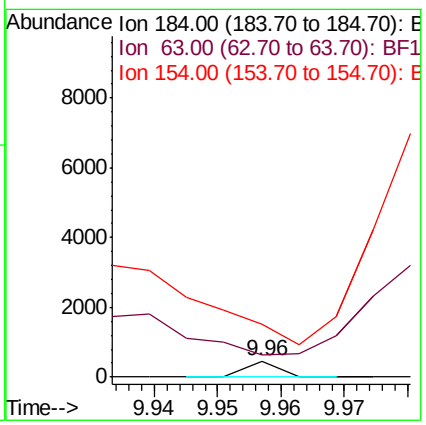


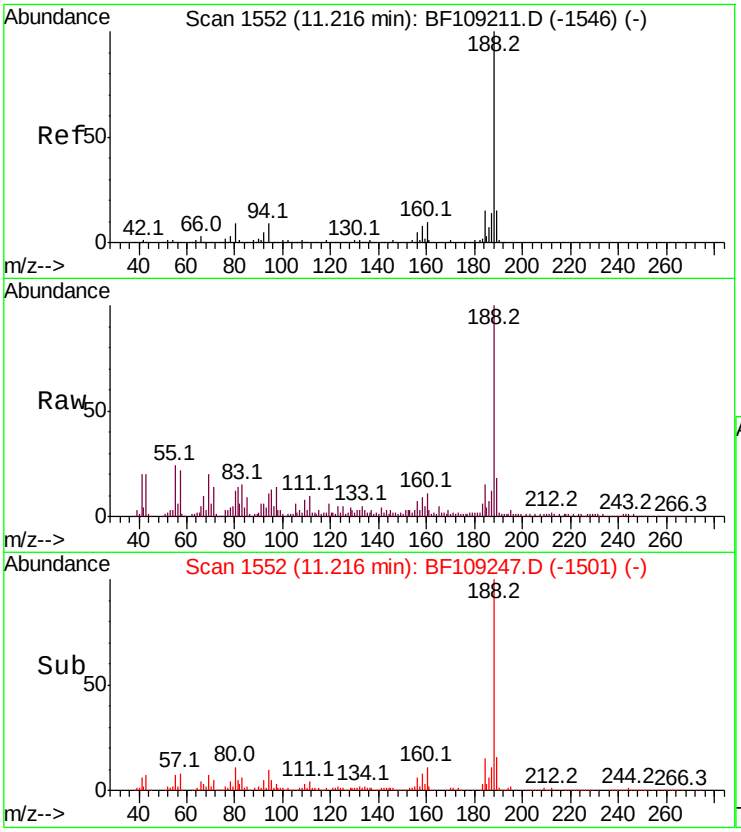


#53
2,4-Dinitrophenol
Concen: 8.666 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.15 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Tgt Ion:184 Resp: 165

Ion	Ratio	Lower	Upper
184	100		
63	134.8	54.2	81.2#
154	321.8	184.0	276.0#



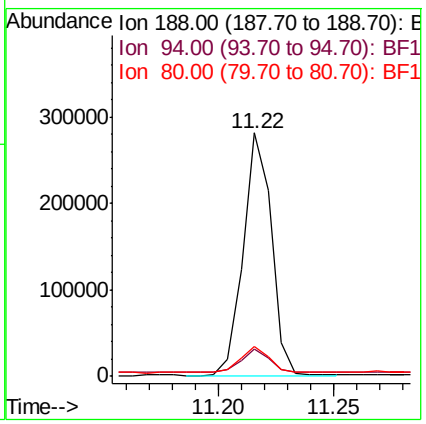


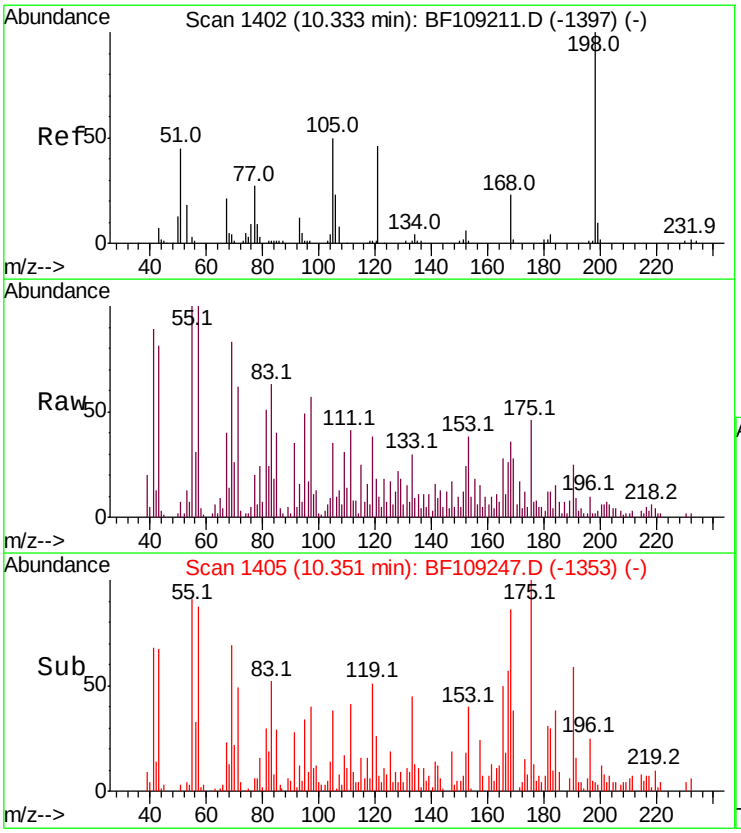
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 238834

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	12.2	9.2	13.8

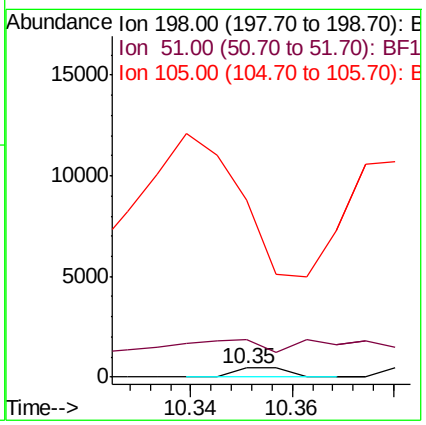


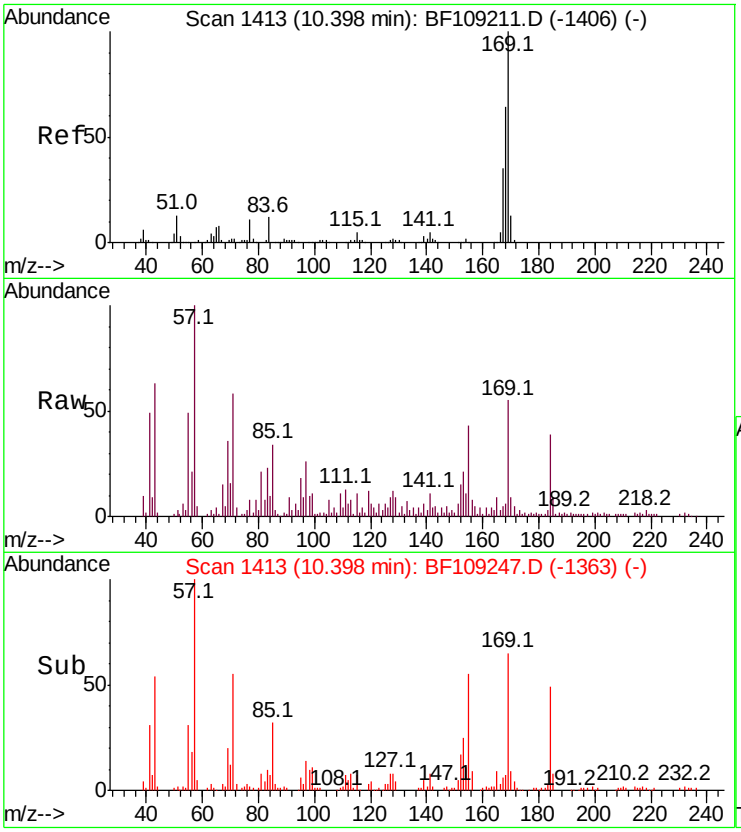


#64
4,6-Dinitro-2-methylphenol
Concen: 6.804 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Tgt Ion:198 Resp: 315

Ion	Ratio	Lower	Upper
198	100		
51	417.8	37.7	77.7#
105	1954.2	36.3	76.3#



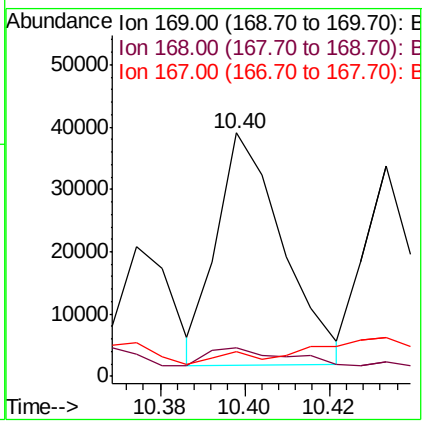


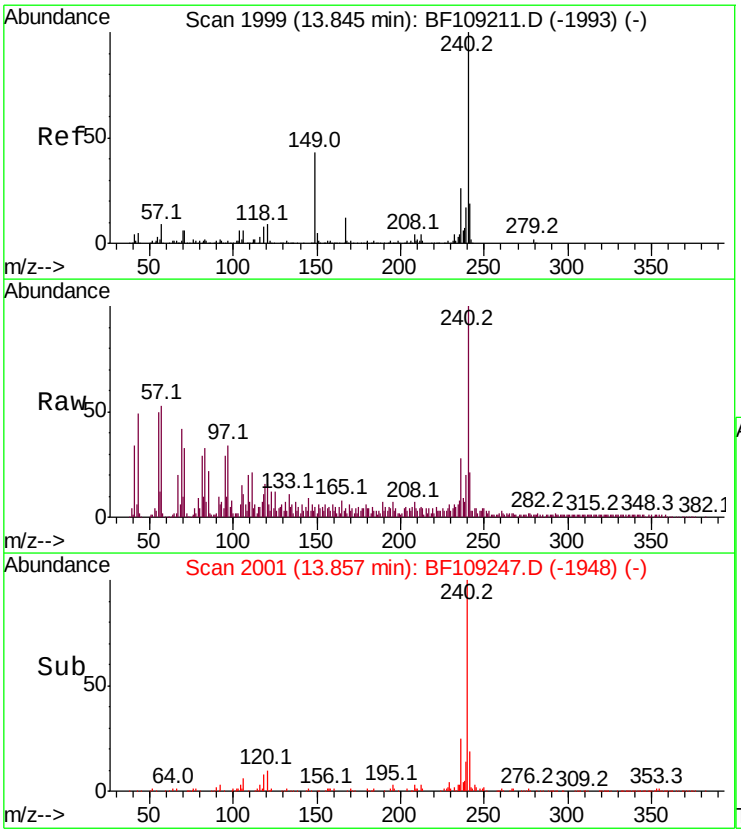
#65
n-Nitrosodiphenylamine
Concen: 5.143 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 40581

Ion	Ratio	Lower	Upper
169	100		
168	11.6	54.4	81.6#
167	9.9	29.8	44.6#

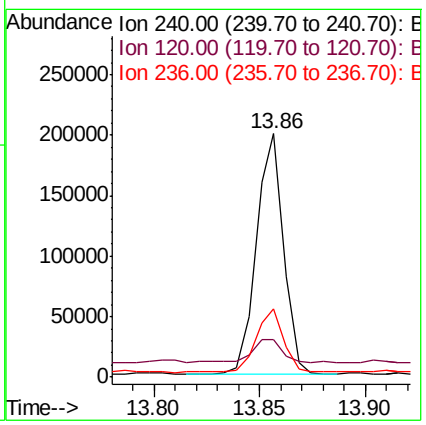


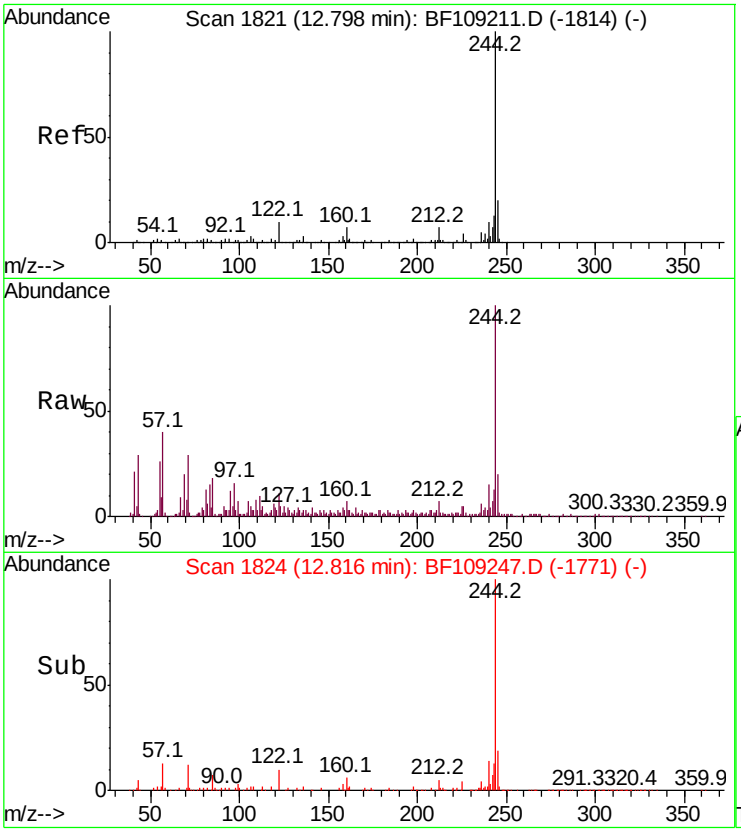


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Tgt Ion:240 Resp: 176682

Ion	Ratio	Lower	Upper
240	100		
120	15.6	9.5	14.3#
236	27.8	20.7	31.1



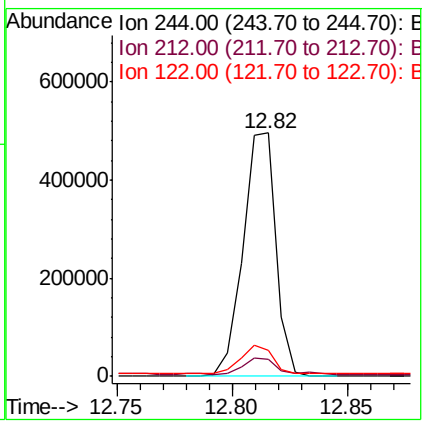


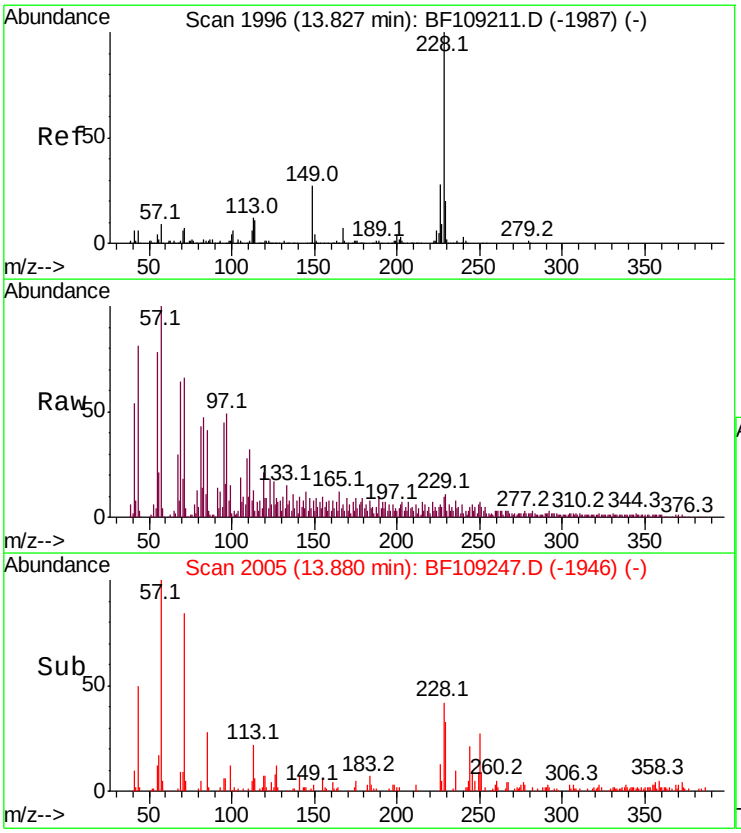
#78
Terphenyl-d14
Concen: 68.197 ng
RT: 12.82 min Scan# 1824
Delta R.T. 0.01 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 490966

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.6	11.0	16.4#

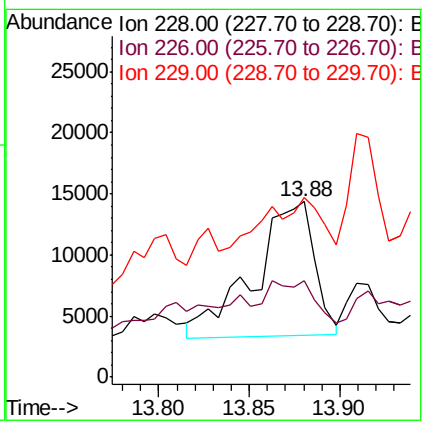


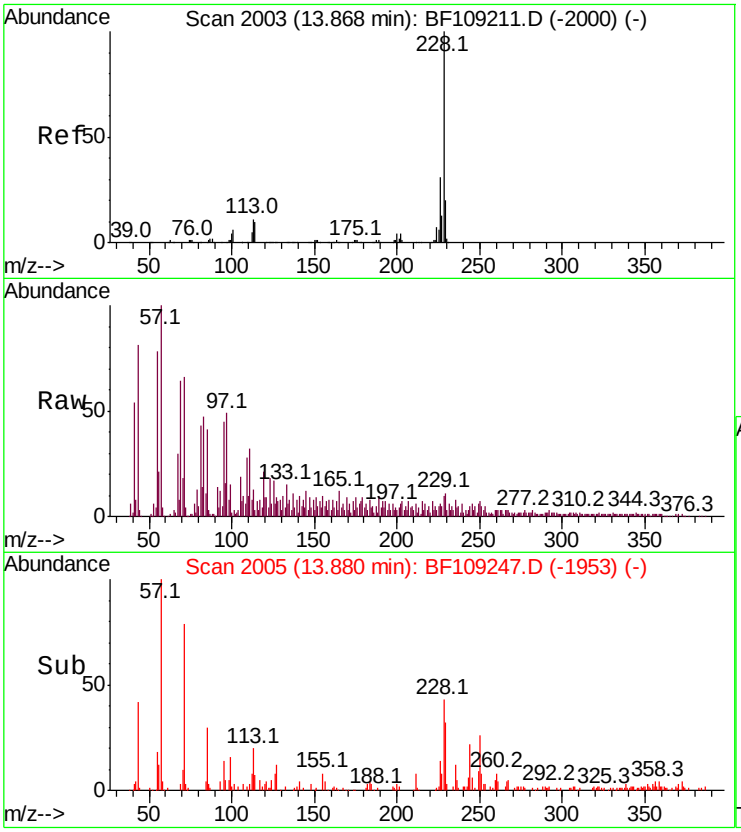


#80
Benzo(a)anthracene
Concen: 2.396 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.05 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Tgt Ion:228 Resp: 25496

Ion	Ratio	Lower	Upper
228	100		
226	54.9	22.6	33.8#
229	102.4	15.8	23.6#



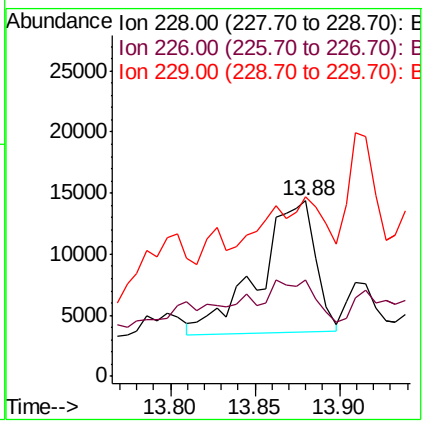


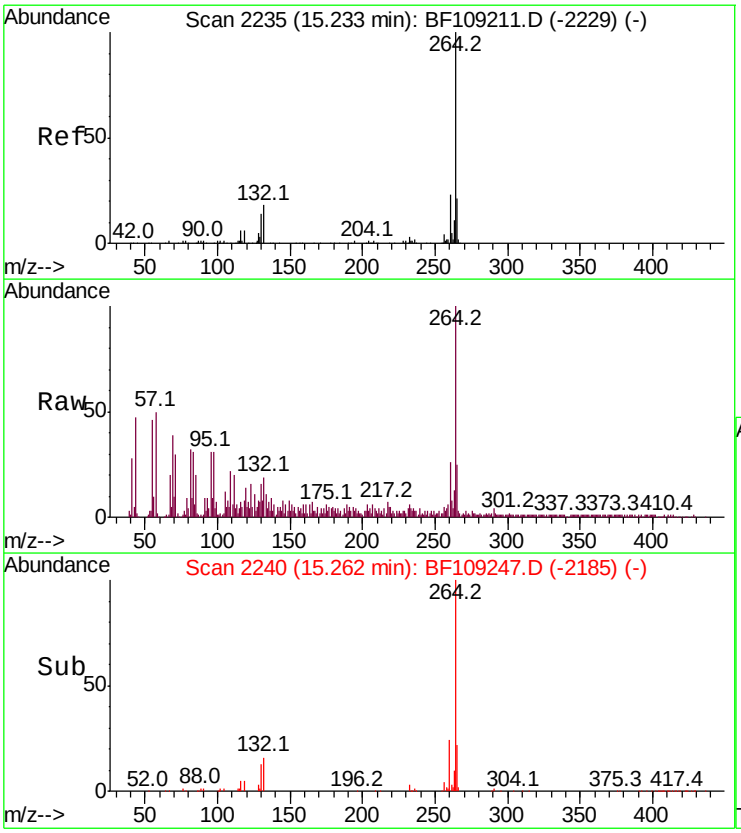
#82
Chrysene
Concen: 2.369 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 24984

Ion	Ratio	Lower	Upper
228	100		
226	54.9	25.0	37.6#
229	102.4	16.2	24.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.02 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Tgt Ion:264 Resp: 153981

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.2	28.8
265	24.6	17.5	26.3