Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
Data File : BF111862.D
Acq On : 4 Jan 2019 23:13
Operator : JU/SJ
Sample : K1036-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 05 00:43:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	207831	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	784381	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	342335	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	534184	20.00	ng	0.00
76) Chrysene-d12	14.06	240	514238	20.00	ng	0.00
87) Perylene-d12	15.54	264	420597	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1053555	86.41	ng	0.02
7) Phenol-d6	6.53	99	1401402	90.31	ng	0.01
23) Nitrobenzene-d5	7.45	82	906510	67.27	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	339031	83.82	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1639502	69.81	ng	0.00
79) Terphenyl-d14	13.00	244	1424477	52.53	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.05	79	26433	2.145	ng	# 41
25) Isophorone	7.45	82	898905	37.575	ng	# 64
51) 2,6-Dinitrotoluene	9.93	165	46363	9.288	ng	# 32
54) 2,4-Dinitrophenol	10.25	184	300	7.477	ng	# 12
57) 2,4-Dinitrotoluene	9.93	165	46363	7.728	ng	# 28
65) 4,6-Dinitro-2-methylphenol	10.66	198	905	7.046	ng	87
67) 4-Bromophenyl-phenylether	10.72	248	20539	3.100	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.03	149	69566	3.731	ng	# 87

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
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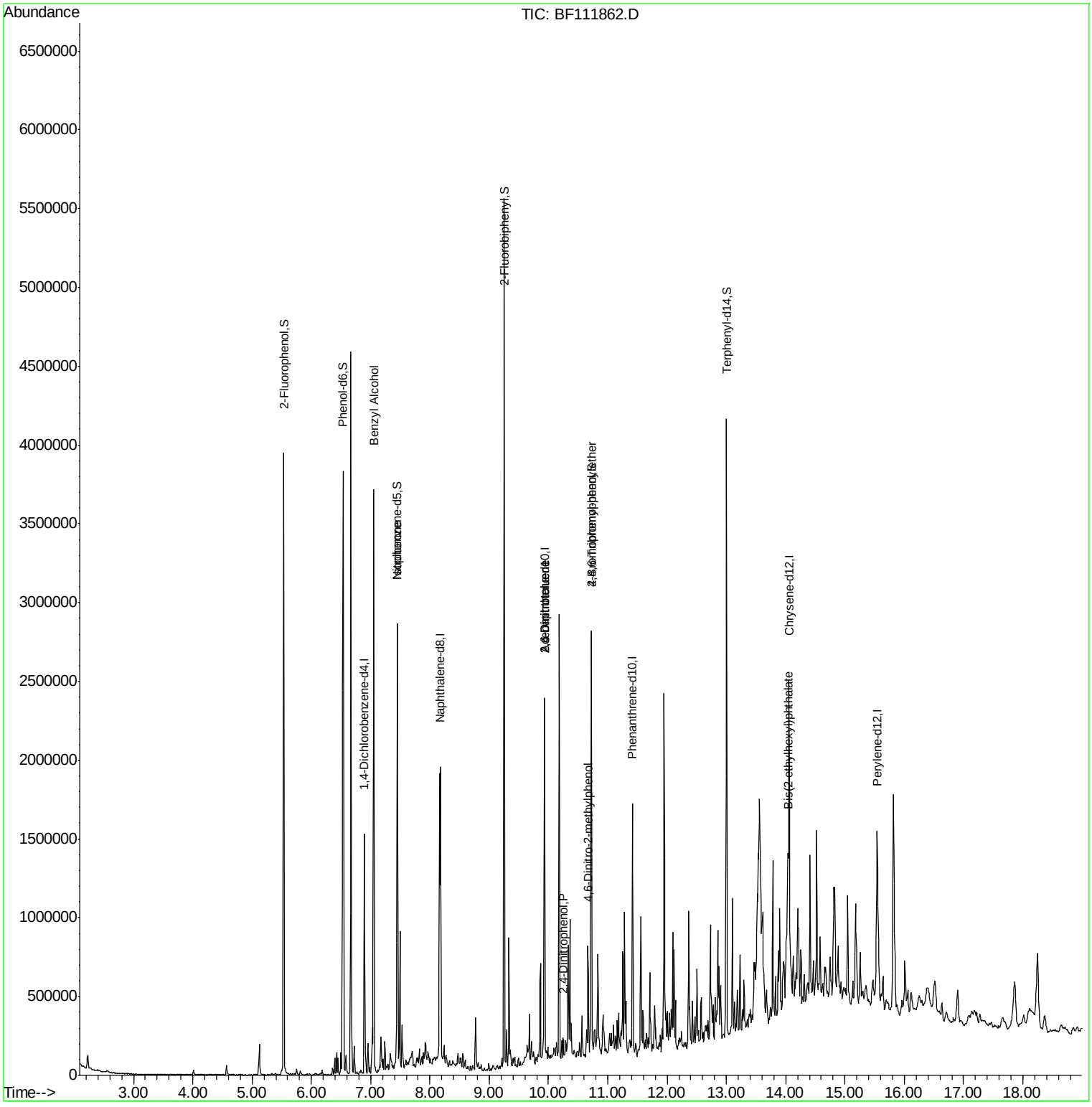
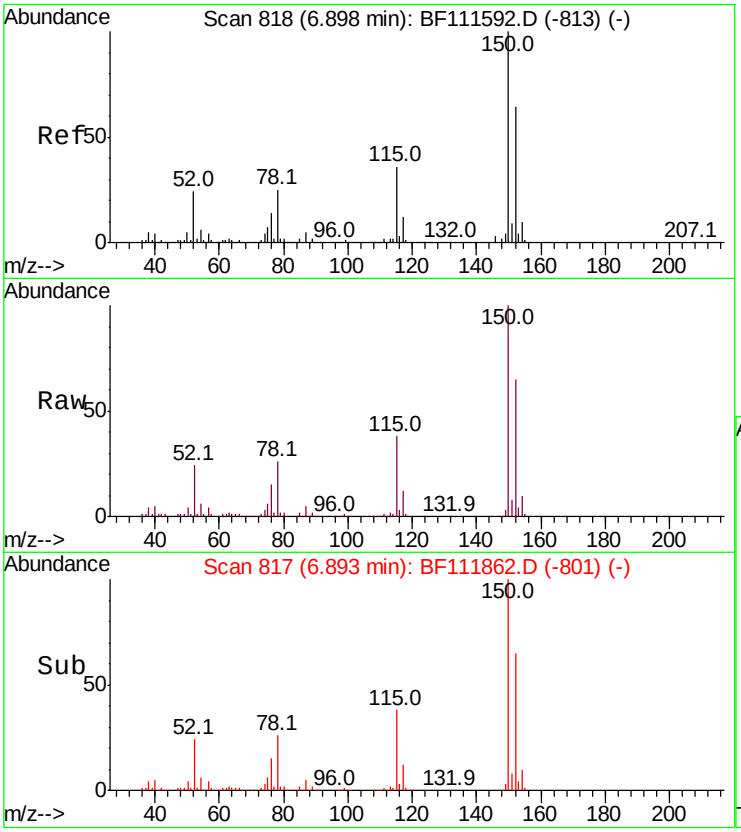


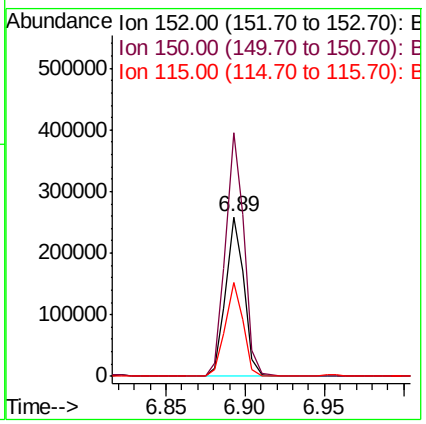


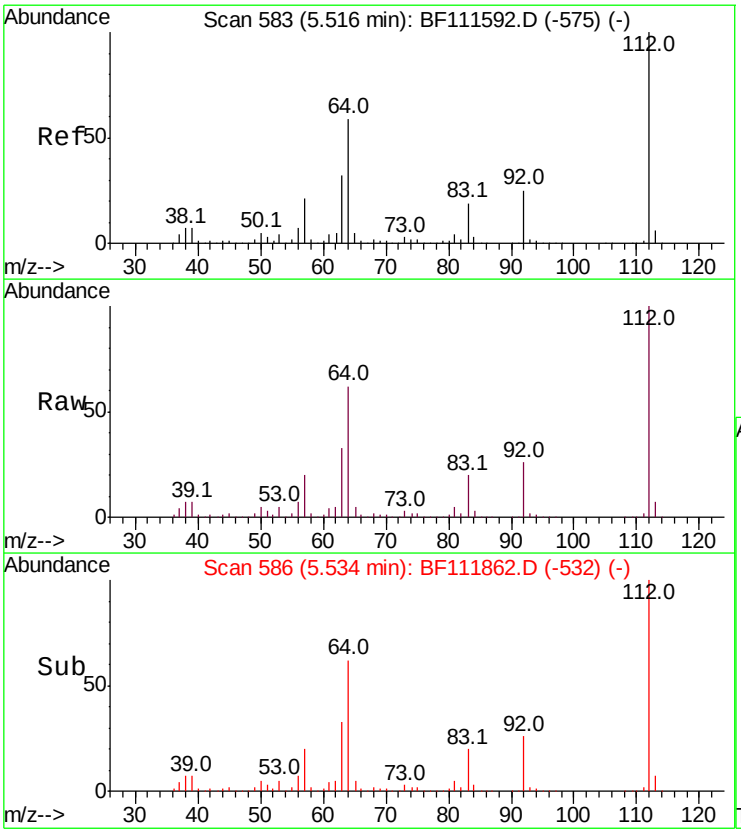
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 207831

Ion	Ratio	Lower	Upper
152	100		
150	153.0	126.6	189.8
115	58.7	50.7	76.1

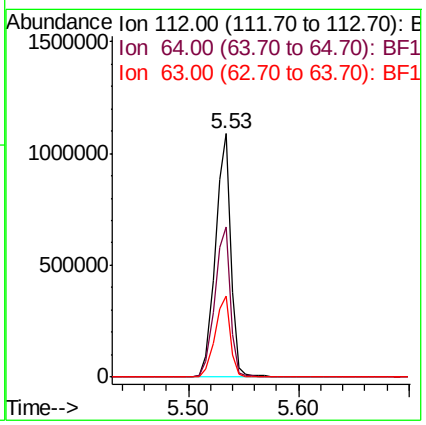


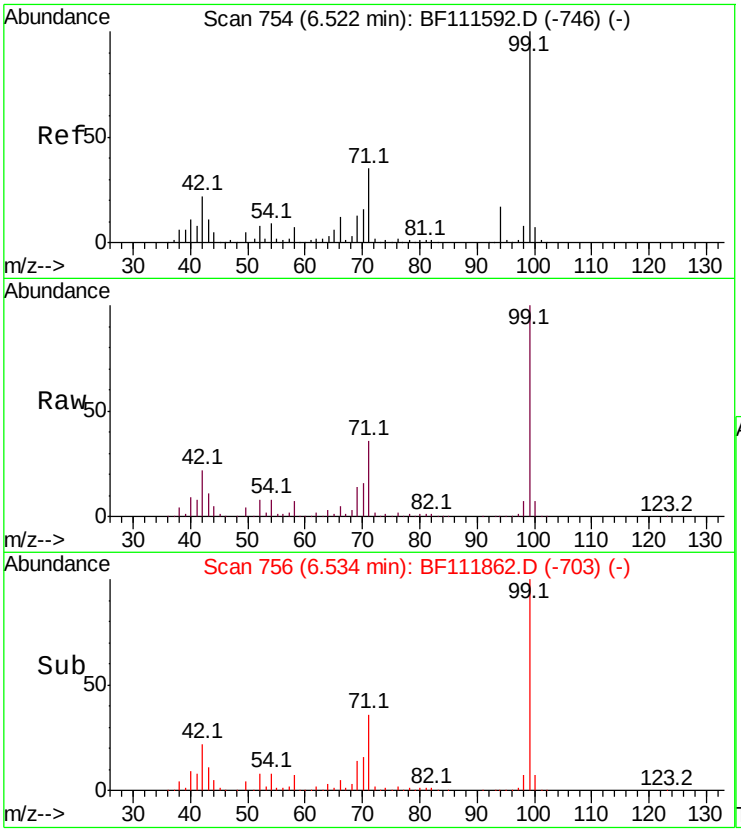


#5
2-Fluorophenol
Concen: 86.408 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

Tgt Ion:112 Resp: 1053555

Ion	Ratio	Lower	Upper
112	100		
64	61.7	51.8	77.6
63	33.3	26.8	40.2



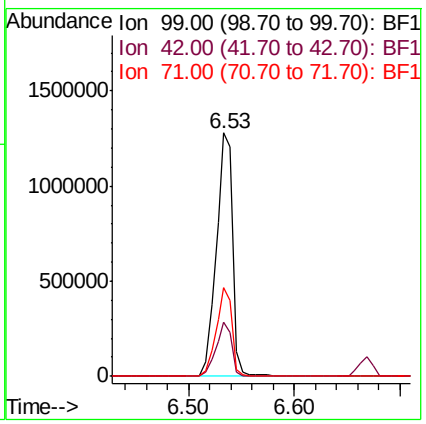


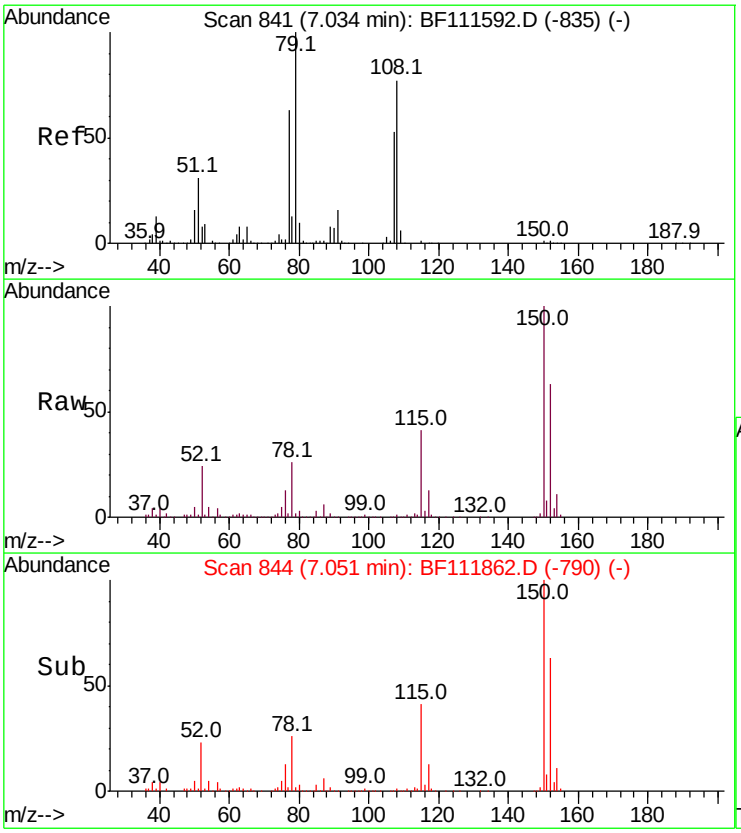
#7
Phenol-d6
Concen: 90.313 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 1401402

Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.4	26.0
71	36.4	26.1	39.1

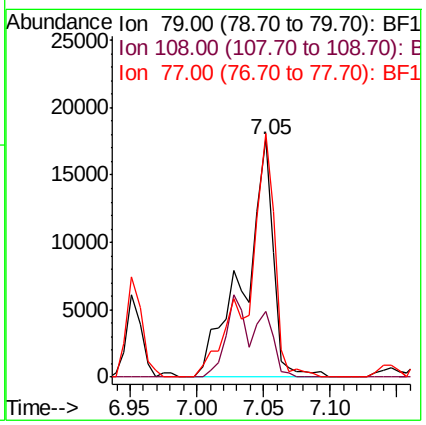


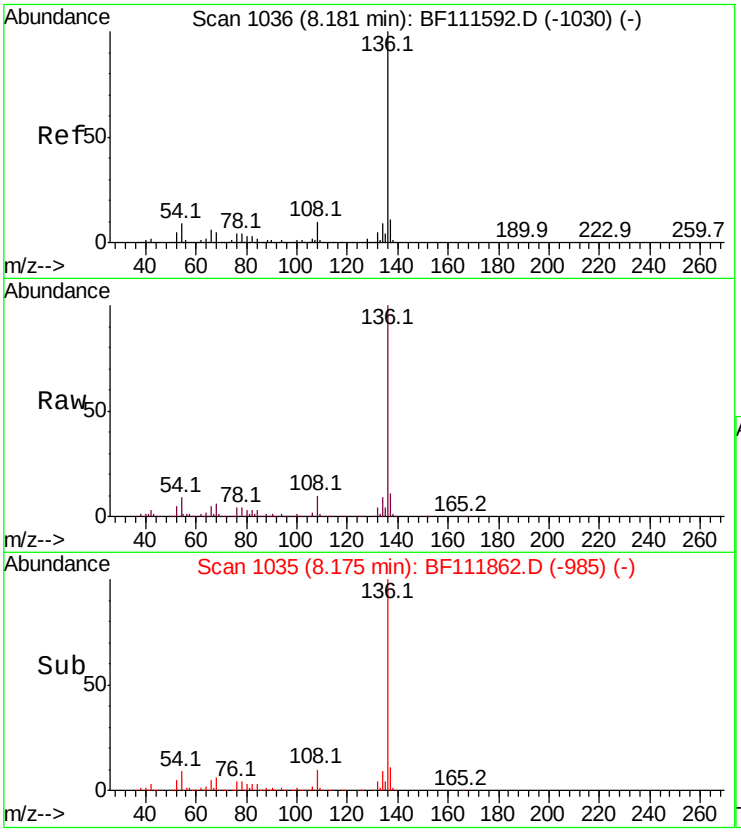


#15
Benzyl Alcohol
Concen: 2.145 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.02 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

Tgt Ion: 79 Resp: 26433

Ion	Ratio	Lower	Upper
79	100		
108	27.8	69.4	104.2#
77	102.4	49.7	74.5#

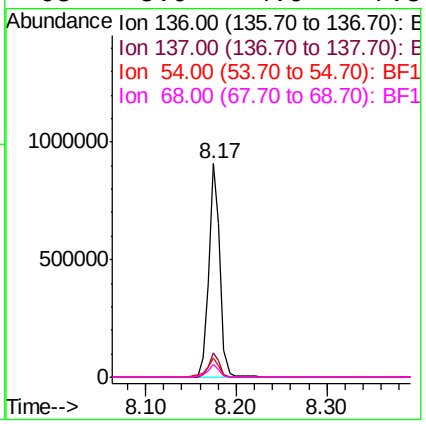




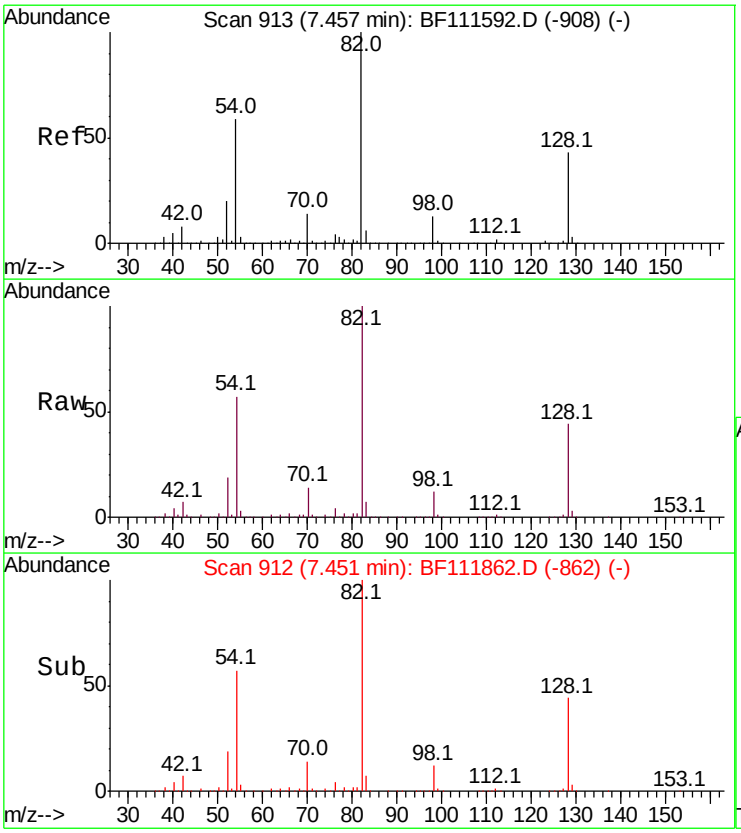
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

Tgt Ion:136 Resp: 784381

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.8	7.7	11.5
68	5.9	4.9	7.3



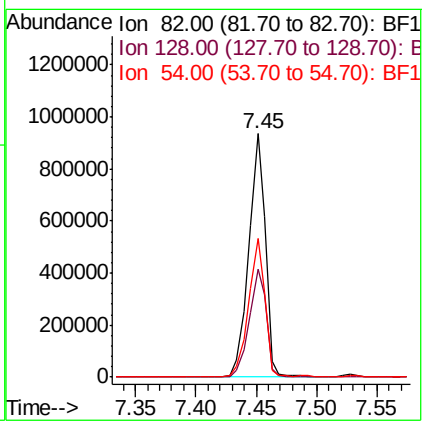
Instrument :
BNA_G
ClientSampleId :

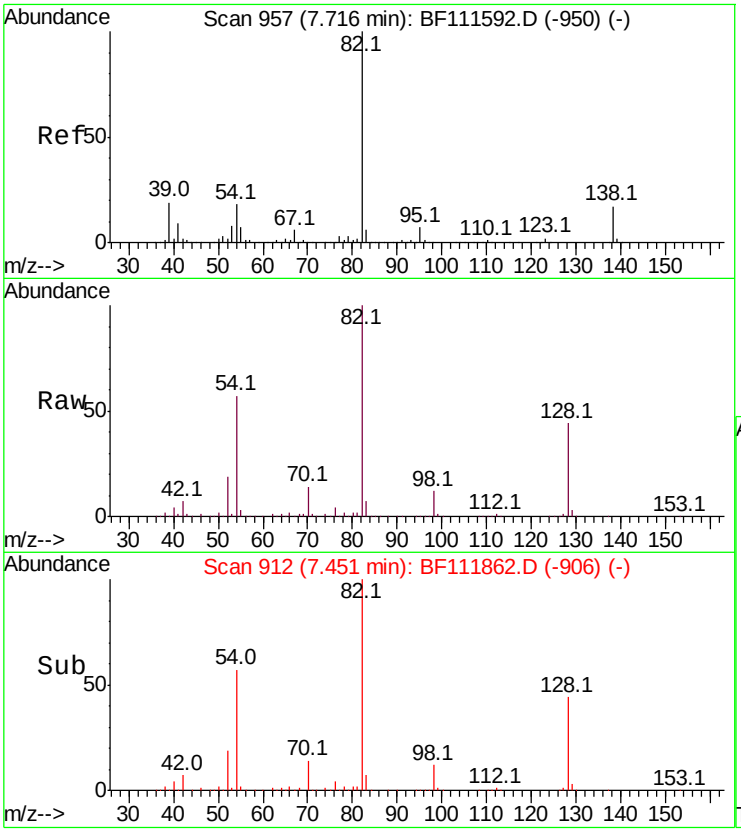


#23
Nitrobenzene-d5
Concen: 67.271 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

Tgt Ion: 82 Resp: 906510

Ion	Ratio	Lower	Upper
82	100		
128	44.4	37.4	56.2
54	57.0	47.6	71.4



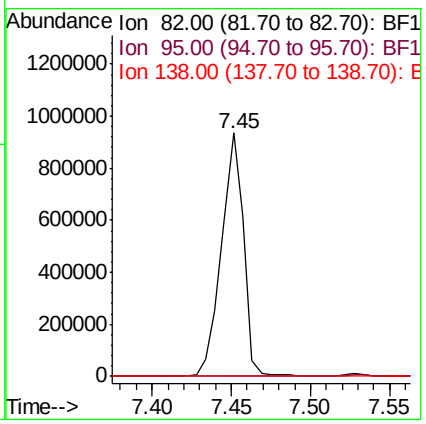


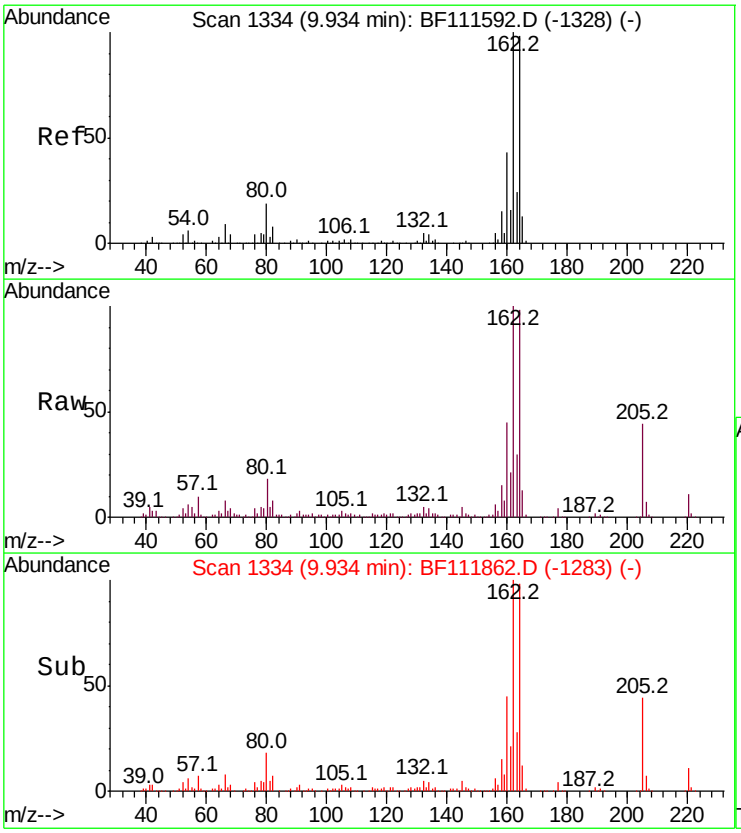
#25
Isophorone
Concen: 37.575 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 898905

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.4	8.2#
138	0.0	15.1	22.7#

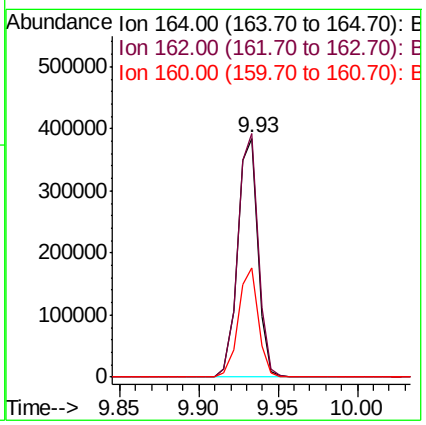


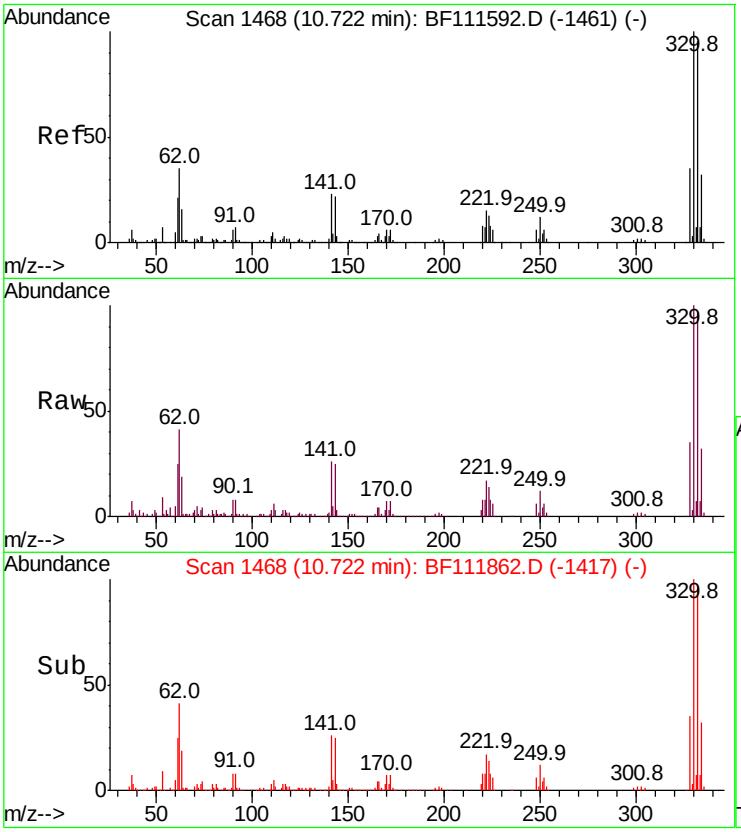


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

Tgt Ion:164 Resp: 342335

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.4	122.0
160	45.9	35.7	53.5



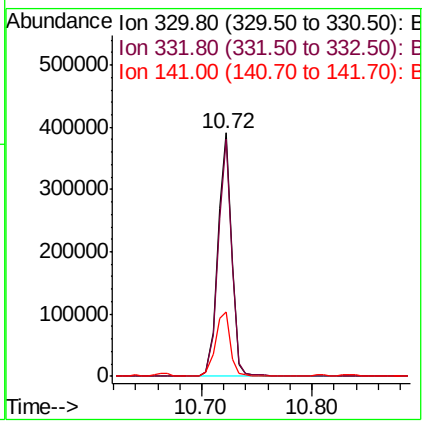


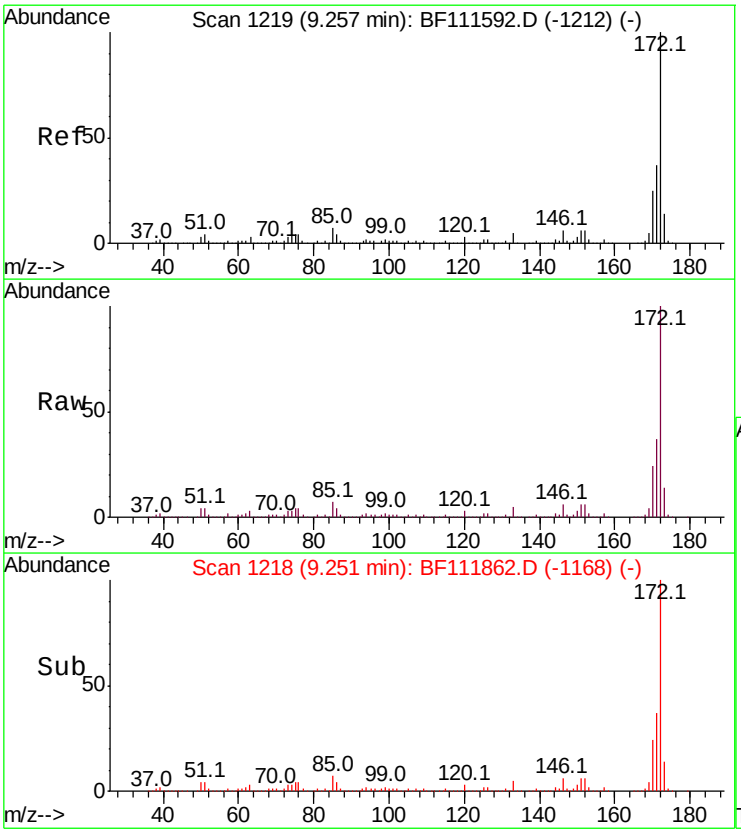
#42
2,4,6-Tribromophenol
Concen: 83.816 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 339031

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.0	114.0
141	28.2	31.0	46.6#

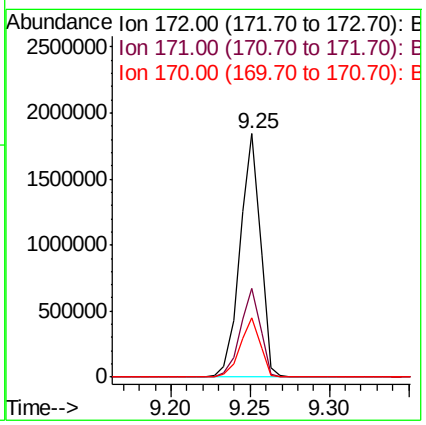


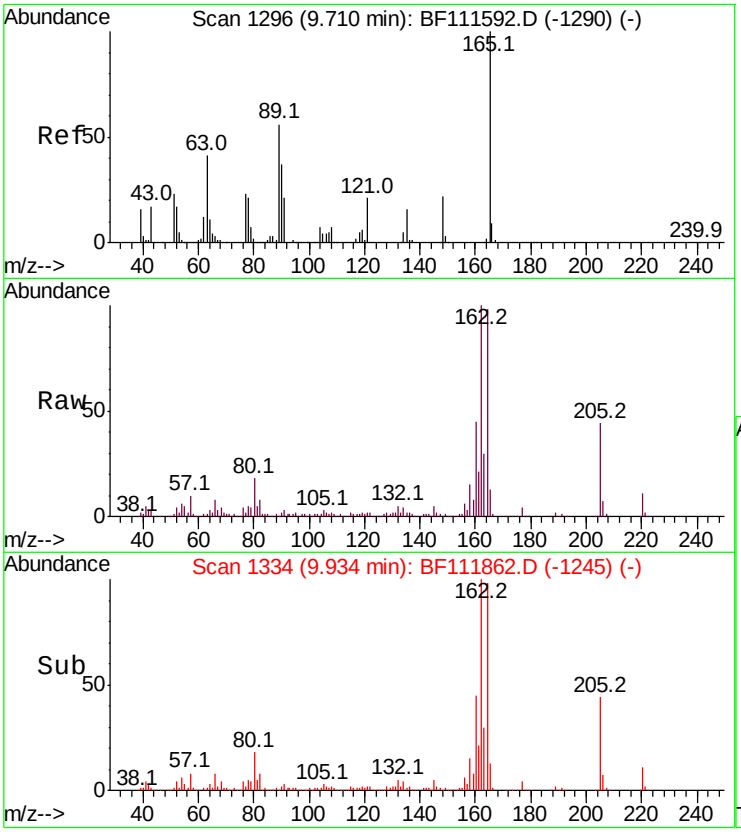


#45
2-Fluorobiphenyl
Concen: 69.806 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

Tgt Ion:172 Resp: 1639502

Ion	Ratio	Lower	Upper
172	100		
171	36.6	33.0	49.4
170	24.4	22.3	33.5



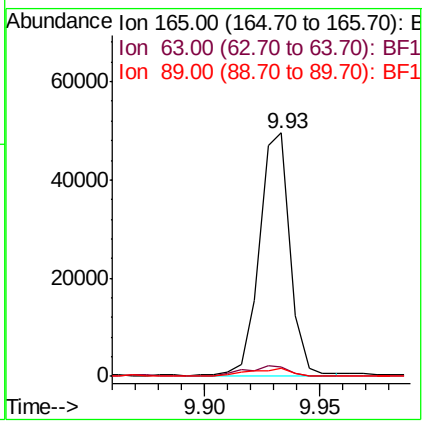


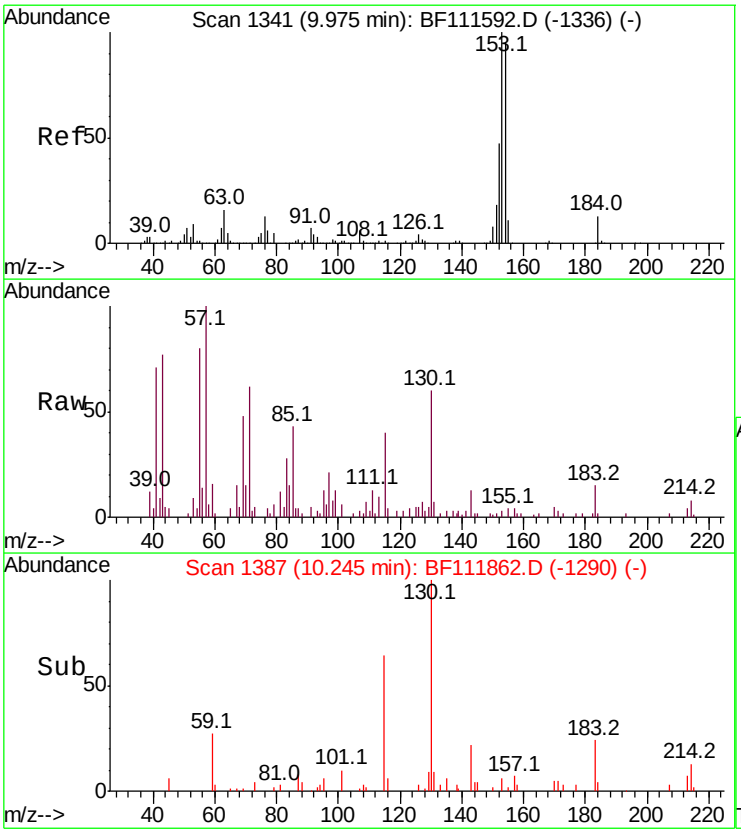
#51
2,6-Dinitrotoluene
Concen: 9.288 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 46363

Ion	Ratio	Lower	Upper
165	100		
63	4.0	40.5	60.7#
89	3.2	40.0	60.0#

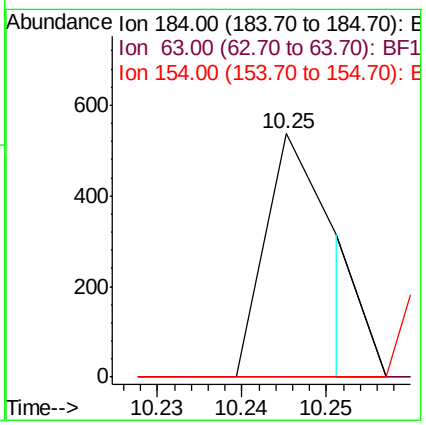


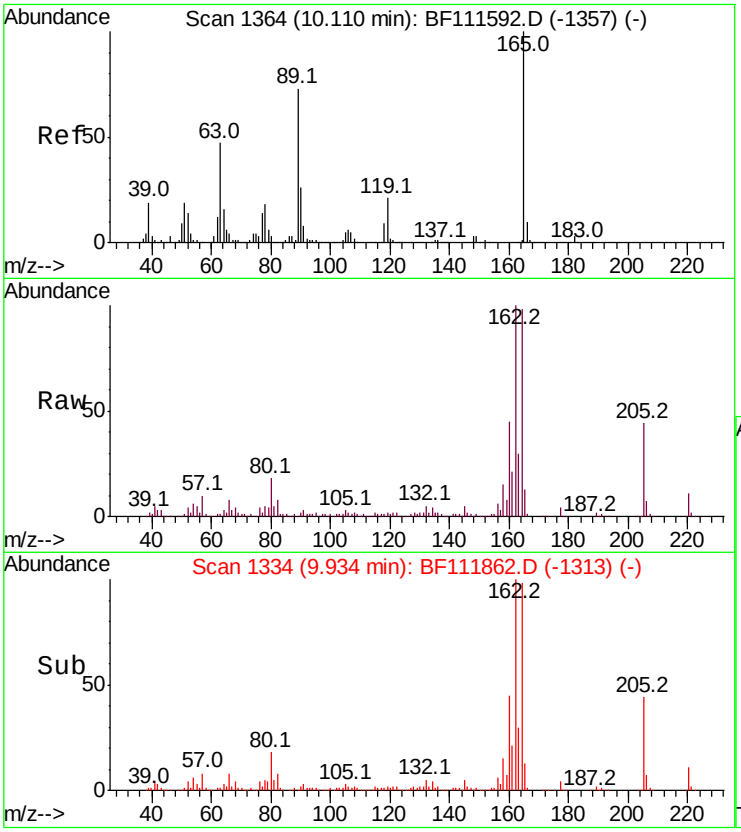


#54
2,4-Dinitrophenol
Concen: 7.477 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.27 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

Tgt Ion:184 Resp: 300

Ion	Ratio	Lower	Upper
184	100		
63	0.0	62.3	93.5#
154	0.0	56.2	84.2#



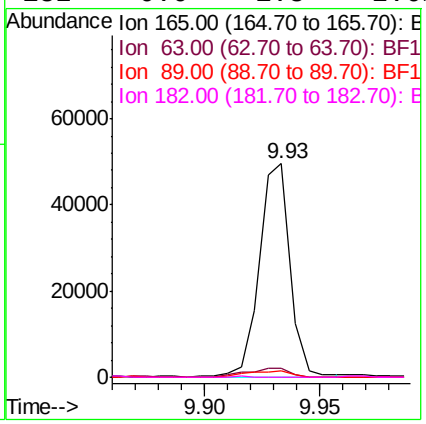


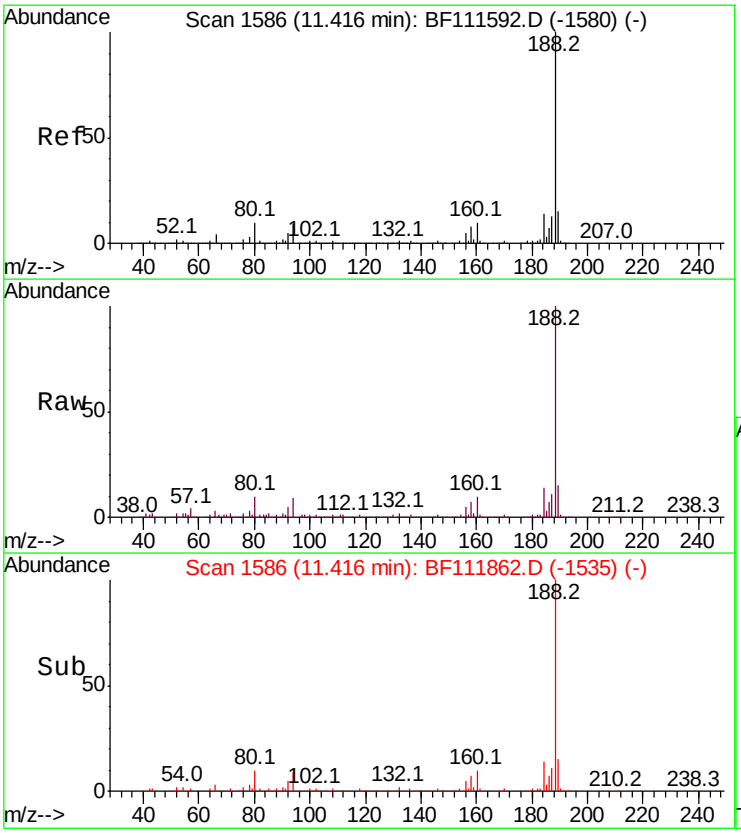
#57
2,4-Dinitrotoluene
Concen: 7.728 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 46363

Ion	Ratio	Lower	Upper
165	100		
63	4.0	34.6	52.0#
89	3.2	56.2	84.4#
182	0.0	1.8	2.6#

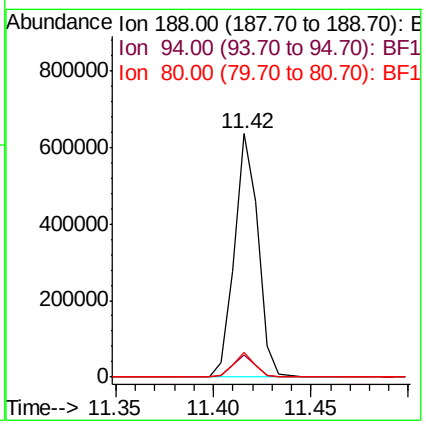


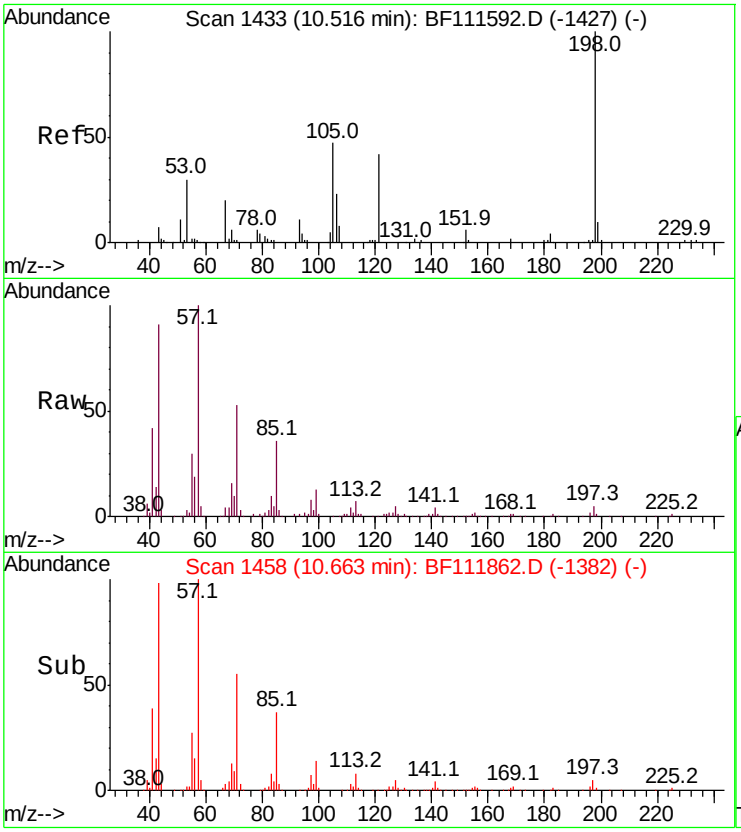


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

Tgt Ion:188 Resp: 534184

Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.6	14.4#
80	10.2	9.8	14.6



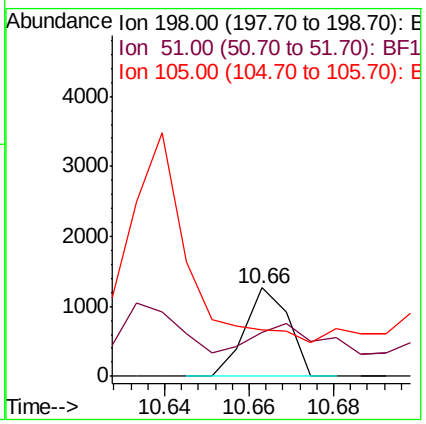


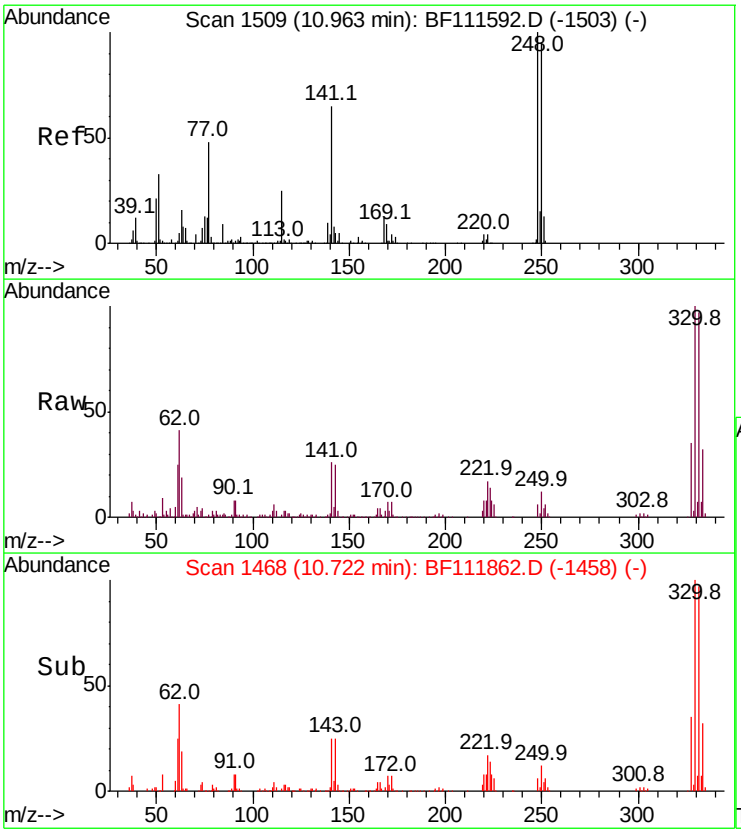
#65
4,6-Dinitro-2-methylphenol
Concen: 7.046 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.15 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 905

Ion	Ratio	Lower	Upper
198	100		
51	49.8	48.0	88.0
105	53.0	34.0	74.0

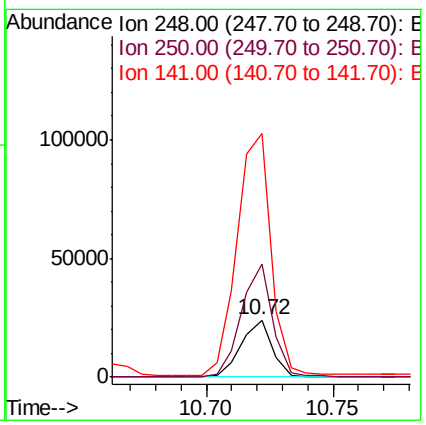


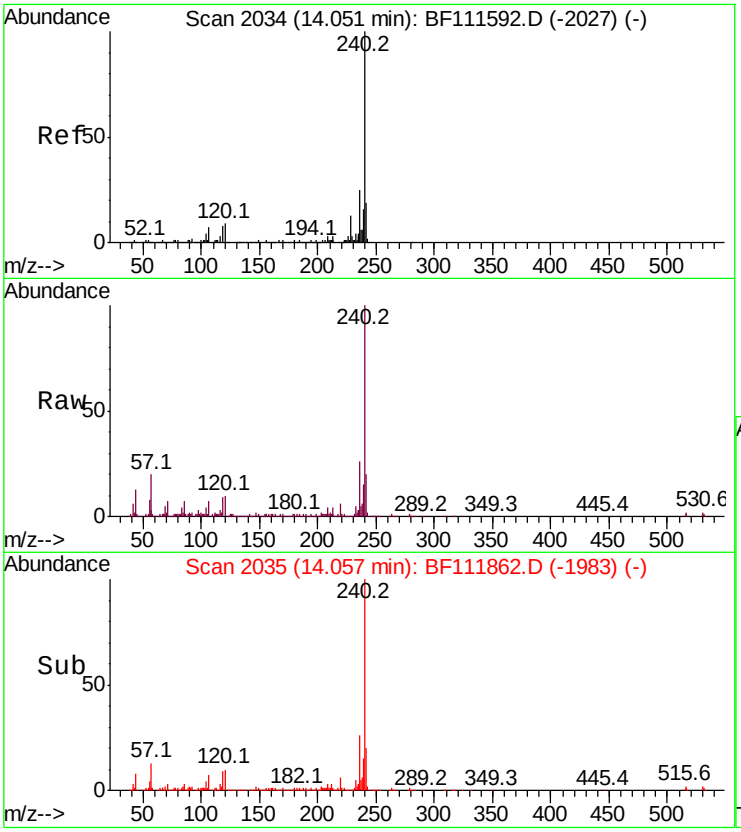


#67
4-Bromophenyl-phenylether
Concen: 3.100 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

Tgt Ion:248 Resp: 20539

Ion	Ratio	Lower	Upper
248	100		
250	197.7	77.0	115.4#
141	424.9	63.0	94.6#



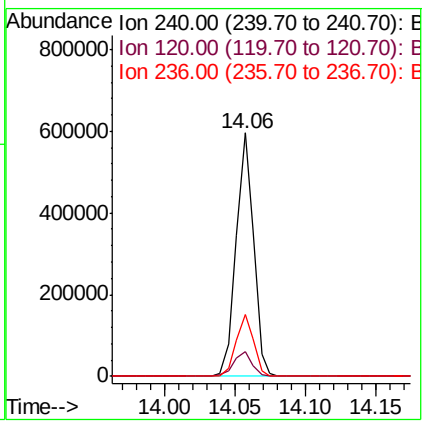


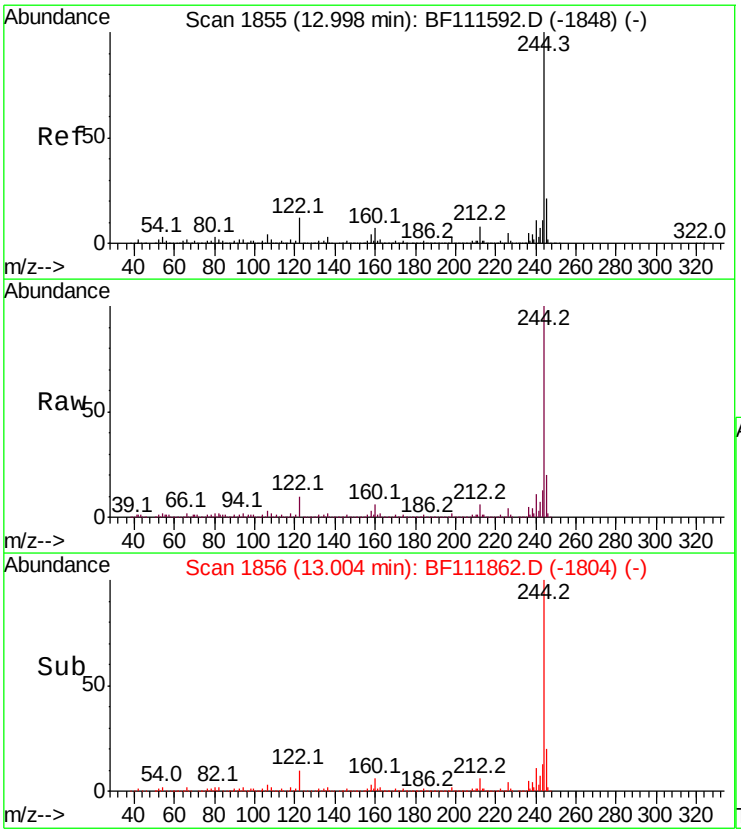
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 514238

Ion	Ratio	Lower	Upper
240	100		
120	10.0	12.2	18.2#
236	25.6	20.2	30.2

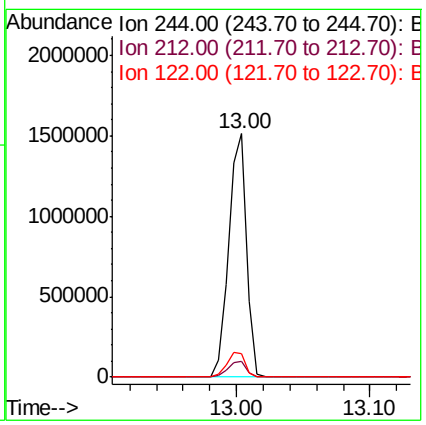


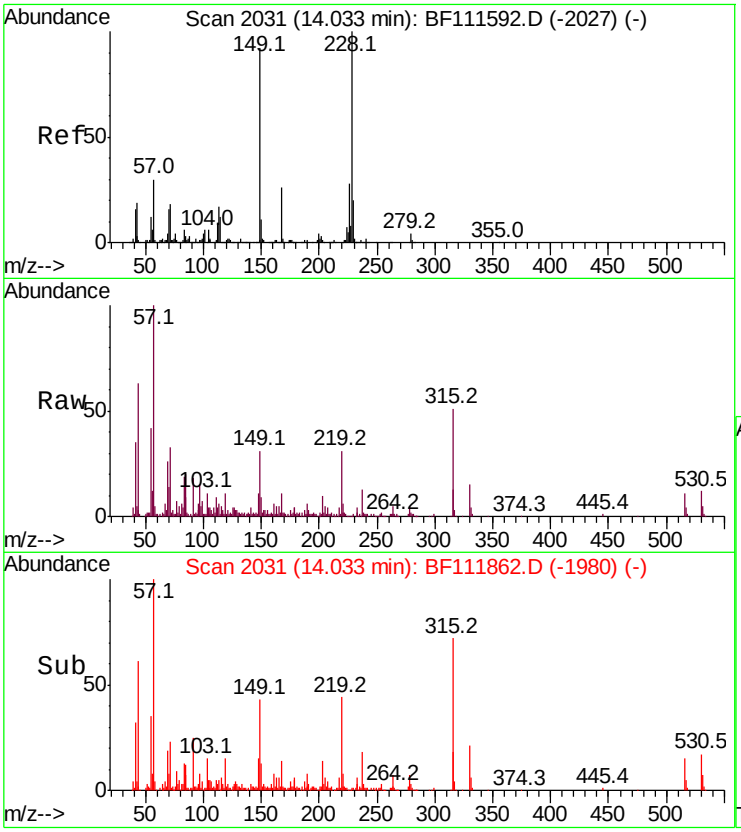


#79
Terphenyl-d14
Concen: 52.532 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

Tgt Ion:244 Resp: 1424477

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	9.8	13.1	19.7#



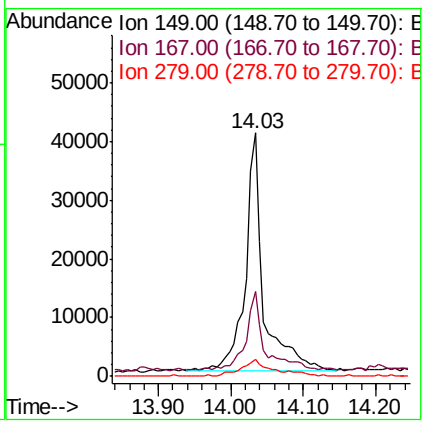


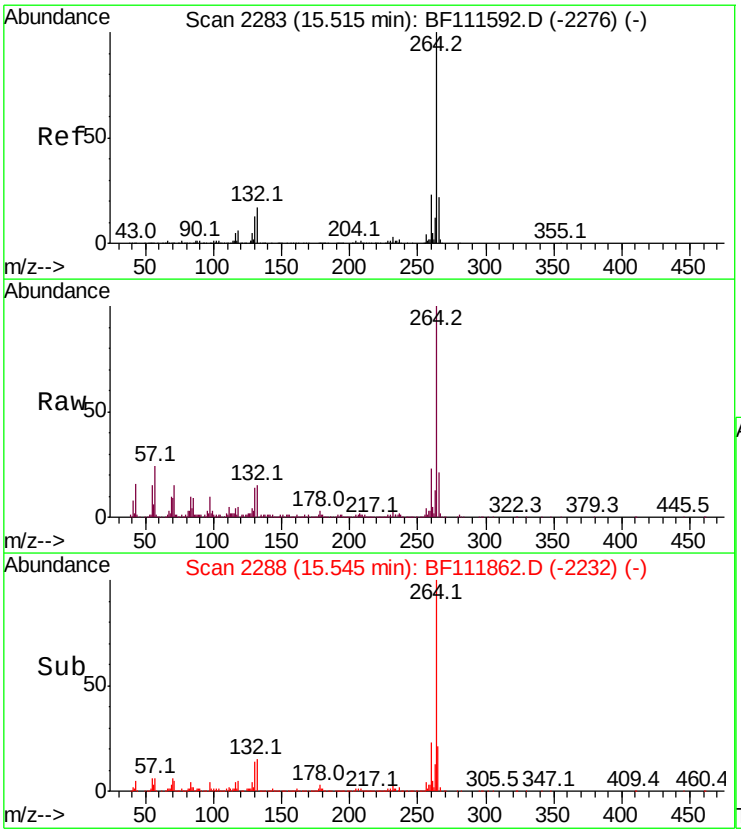
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.731 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 69566

Ion	Ratio	Lower	Upper
149	100		
167	35.1	22.5	33.7#
279	7.1	2.6	4.0#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.03 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

Tgt Ion:264 Resp: 420597

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	21.0	17.7	26.5