Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120518\
Data File : BF111126.D
Acq On : 6 Dec 2018 00:00
Operator : JU/SJ
Sample : J6201-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11932-72-11967

Quant Time: Dec 06 01:09:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	531614	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	2058371	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	896956	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1346978	20.00	ng		0.00
76) Chrysene-d12	13.96	240	965665	20.00	ng		0.00
87) Perylene-d12	15.39	264	684478	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1615975	47.43	ng		0.00
7) Phenol-d6	6.43	99	2055213	46.83	ng		0.00
23) Nitrobenzene-d5	7.36	82	1196002	34.40	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	311846	43.74	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1907277	30.07	ng		0.00
79) Terphenyl-d14	12.90	244	1401469	29.72	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.43	77	6165	Below Cal		#	6
10) Phenol	6.44	94	132876	2.777	ng		95
25) Isophorone	7.36	82	1192032	18.682	ng	#	65
50) Dimethylphthalate	9.55	163	155588	2.492	ng		99
51) 2,6-Dinitrotoluene	9.84	165	123613	9.340	ng	#	26
54) 2,4-Dinitrophenol	9.79	184	122	6.631	ng	#	1
57) 2,4-Dinitrotoluene	9.84	165	123613	7.232	ng	#	23
77) Benzidine	12.62	184	556	Below Cal		#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120518\
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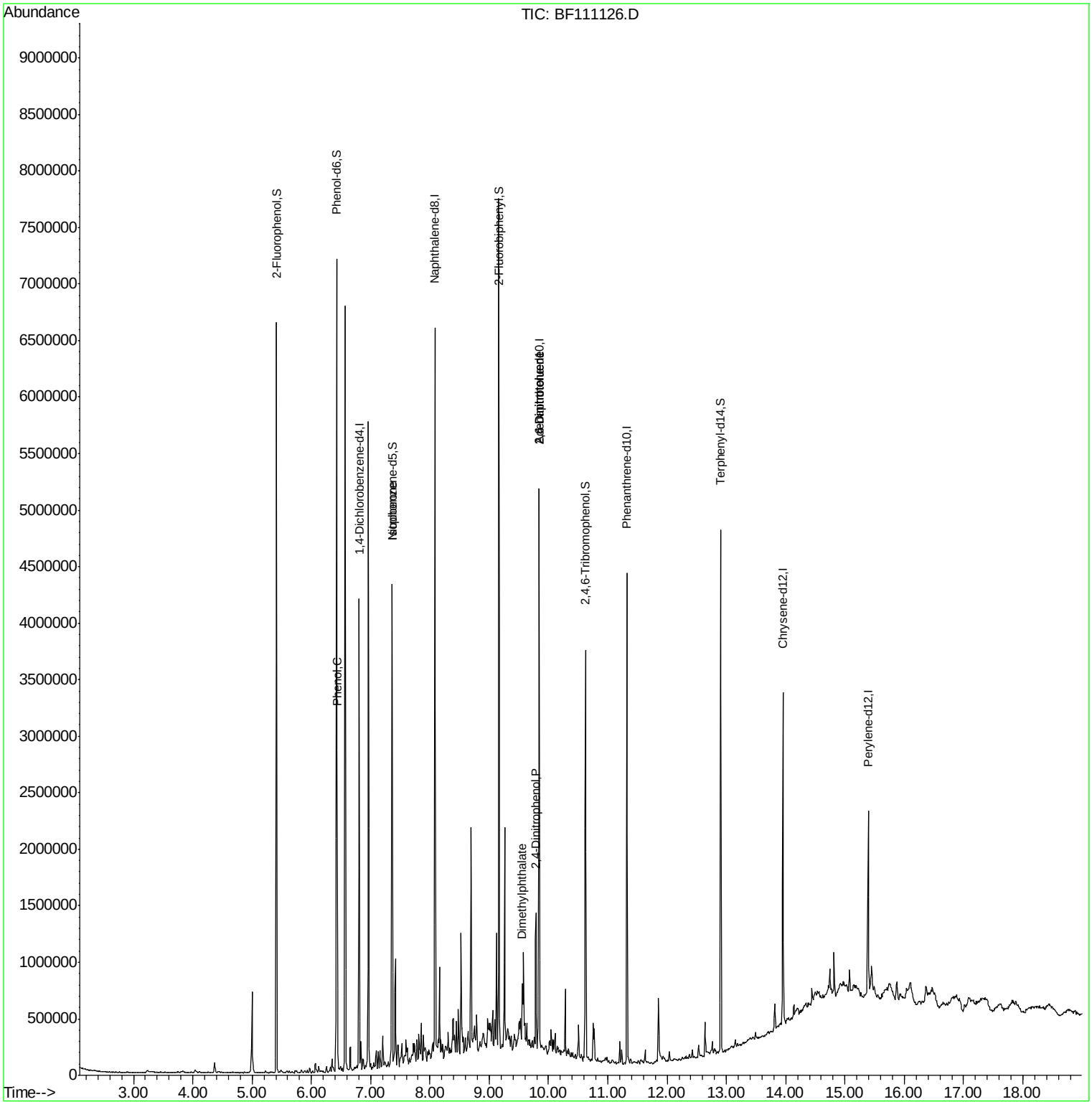
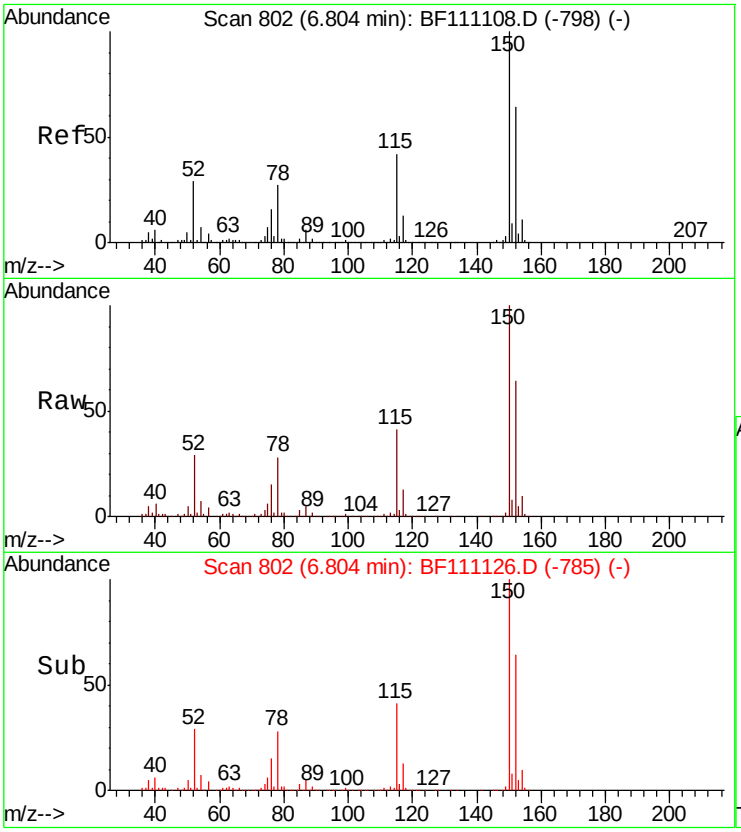
Acq On : 6 Dec 2018 00:00
Operator : JU/SJ
Sample : J6201-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11932-72-11967

Quant Time: Dec 06 01:09:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration



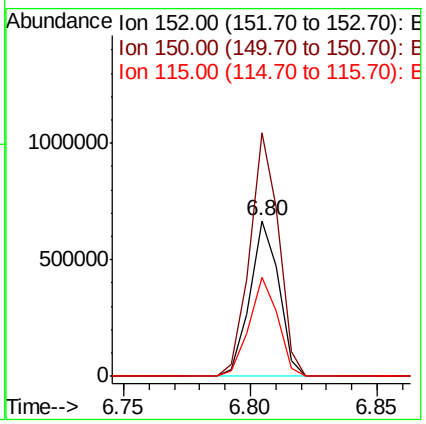


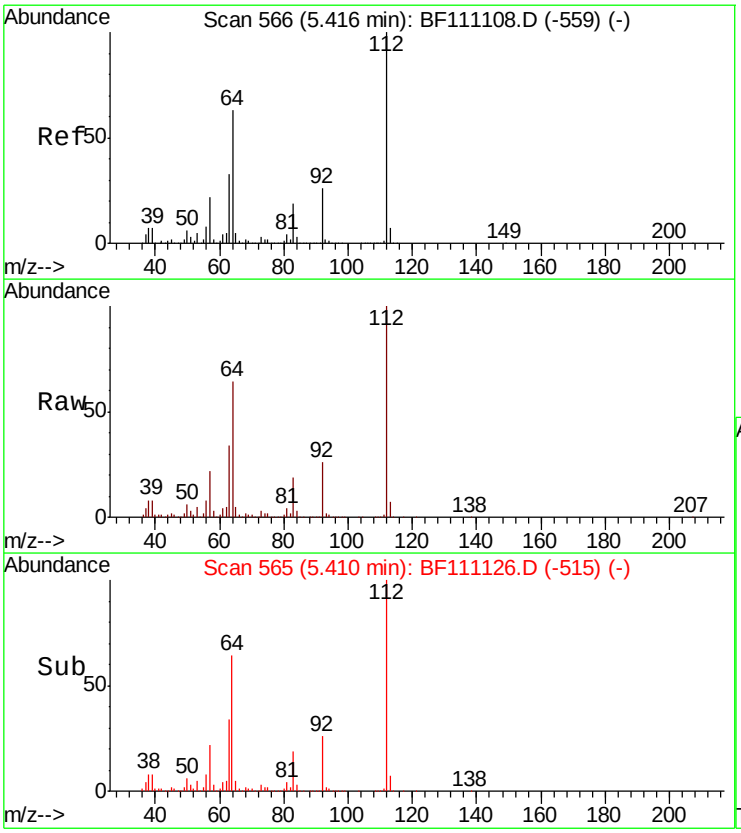
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Instrument :
BNA_F
ClientSampleId :
72-11932-72-11967

Tgt Ion:152 Resp: 531614

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	187.0
115	63.6	52.2	78.2

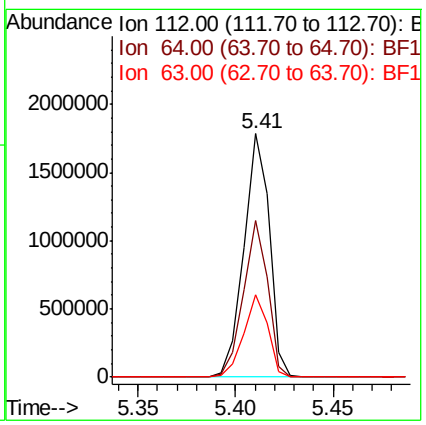


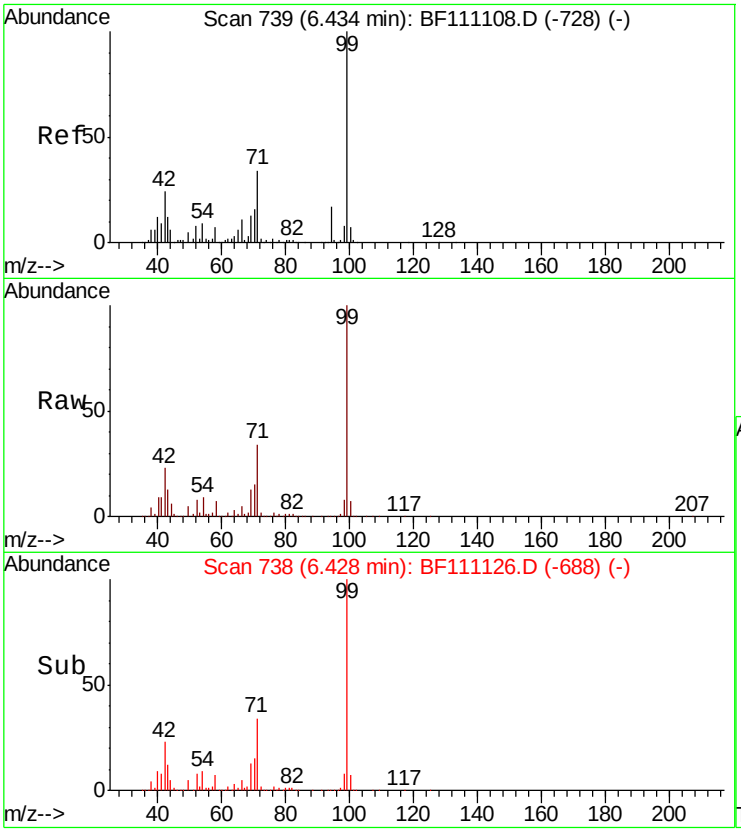


#5
2-Fluorophenol
Concen: 47.434 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Tgt Ion:112 Resp: 1615975

Ion	Ratio	Lower	Upper
112	100		
64	64.1	50.2	75.4
63	33.9	26.6	39.8



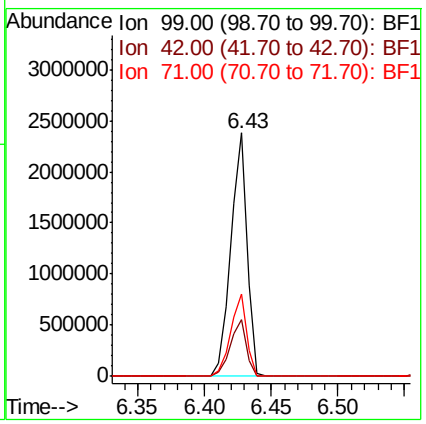


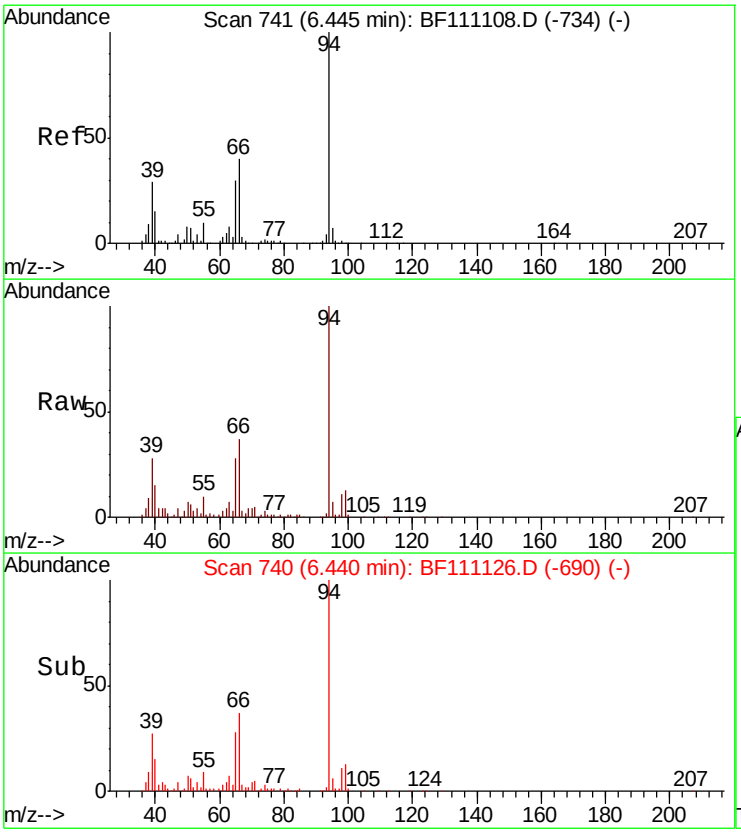
#7
Phenol-d6
Concen: 46.831 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Instrument :
BNA_F
ClientSampleId :
72-11932-72-11967

Tgt Ion: 99 Resp: 2055213

Ion	Ratio	Lower	Upper
99	100		
42	23.1	19.3	28.9
71	33.9	27.4	41.2

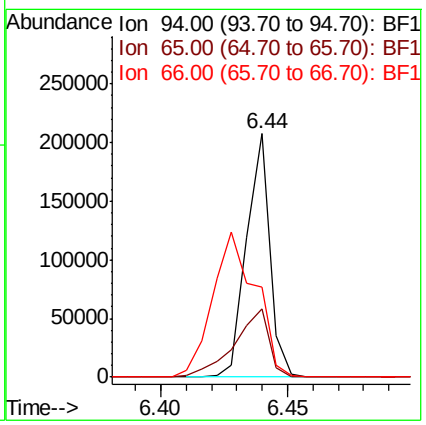


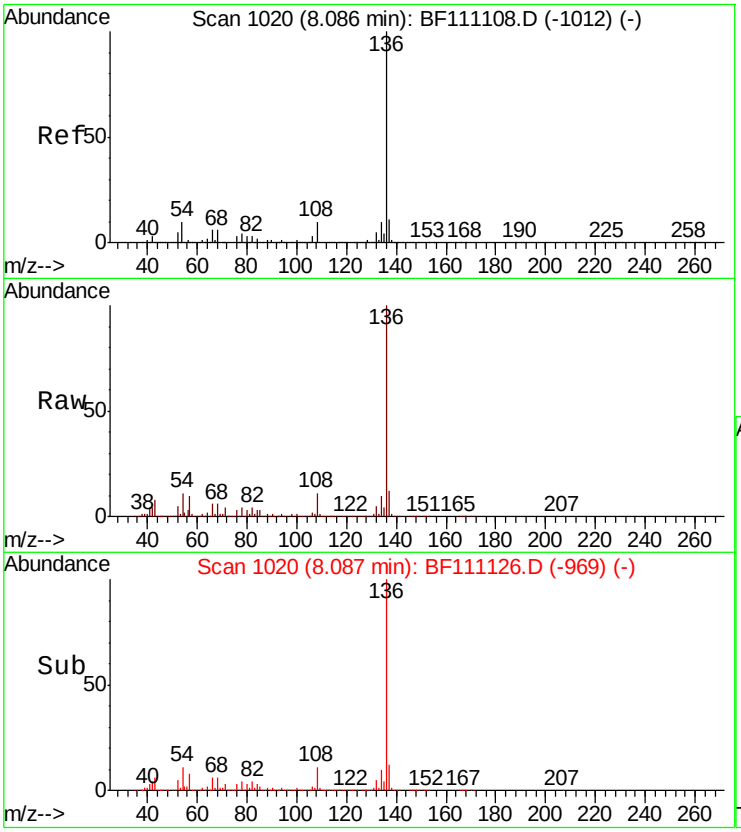


#10
Phenol
Concen: 2.777 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Tgt Ion: 94 Resp: 132876

Ion	Ratio	Lower	Upper
94	100		
65	28.1	10.5	50.5
66	37.0	19.8	59.8



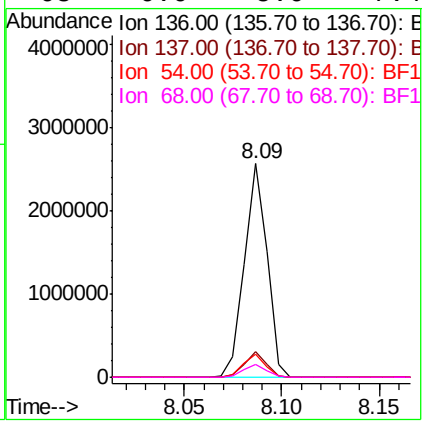


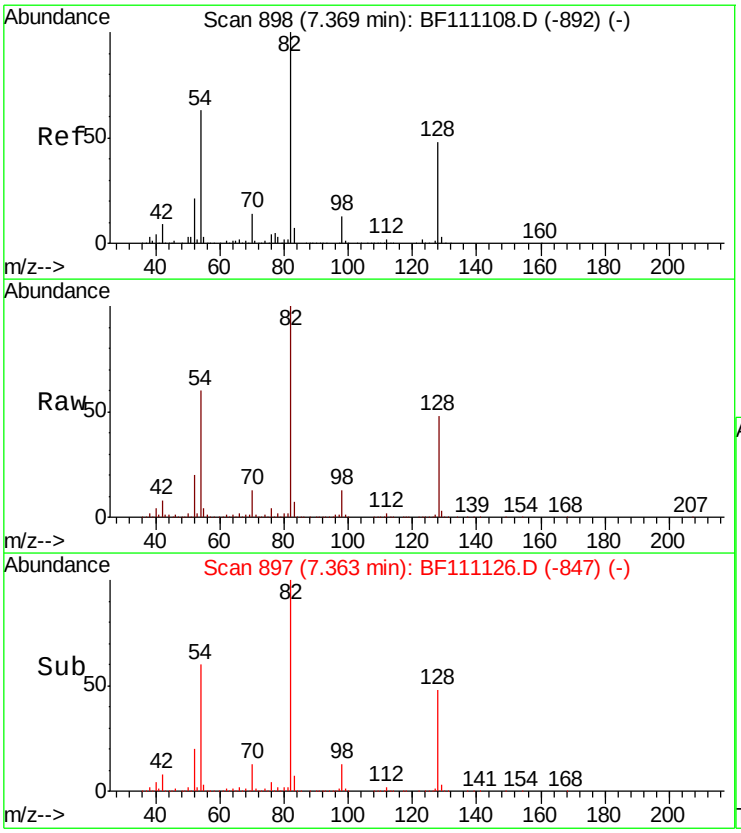
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Instrument :
BNA_F
ClientSampleId :
72-11932-72-11967

Tgt Ion:136 Resp: 2058371

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.6
54	10.6	8.4	12.6
68	6.0	5.0	7.4

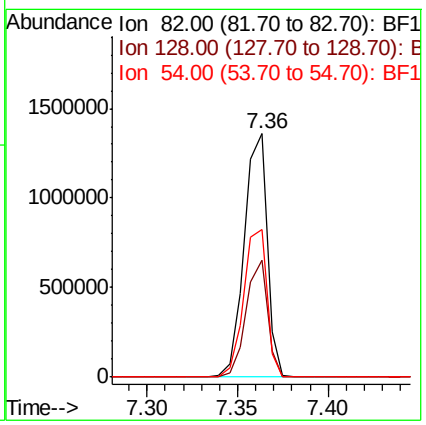


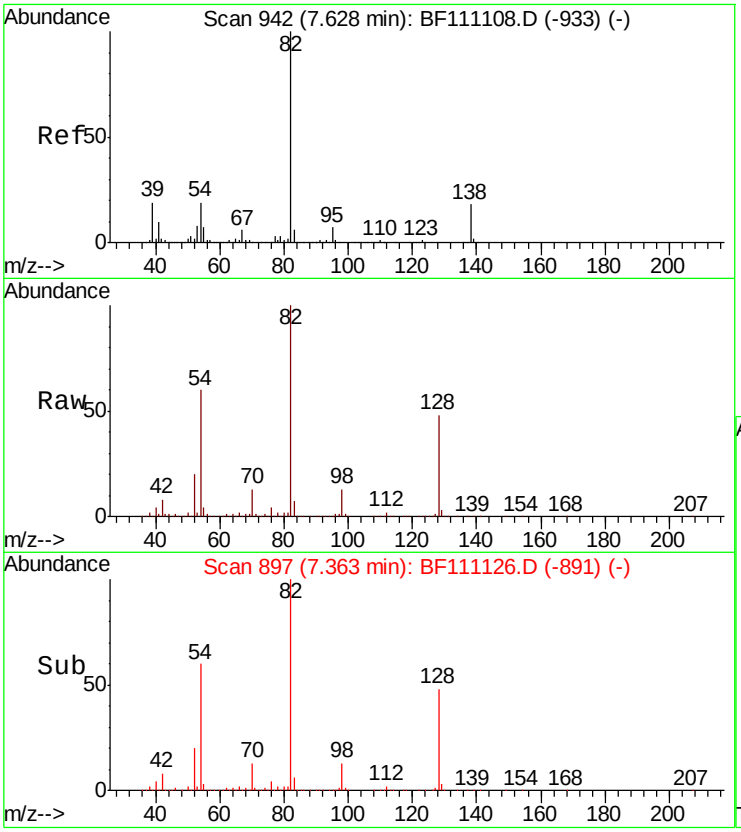


#23
Nitrobenzene-d5
Concen: 34.400 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Tgt Ion: 82 Resp: 1196002

Ion	Ratio	Lower	Upper
82	100		
128	47.8	38.1	57.1
54	60.4	50.3	75.5



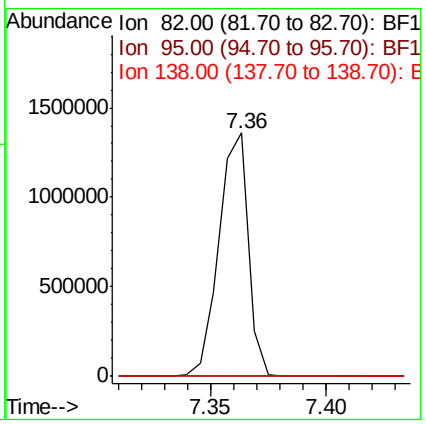


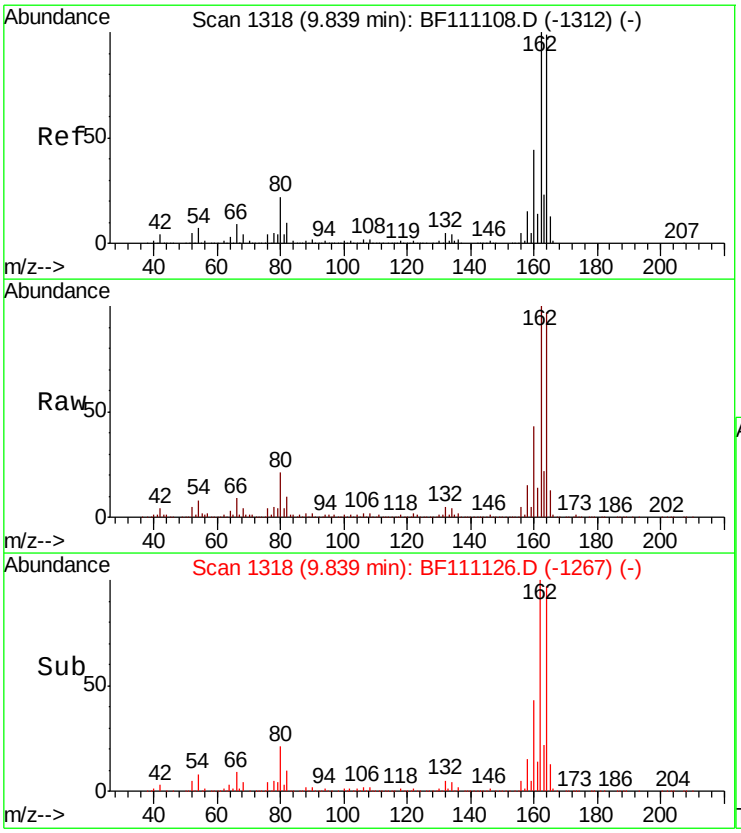
#25
Isophorone
Concen: 18.682 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Instrument :
BNA_F
ClientSampleId :
72-11932-72-11967

Tgt Ion: 82 Resp: 1192032

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.6	8.4#
138	0.0	14.6	22.0#

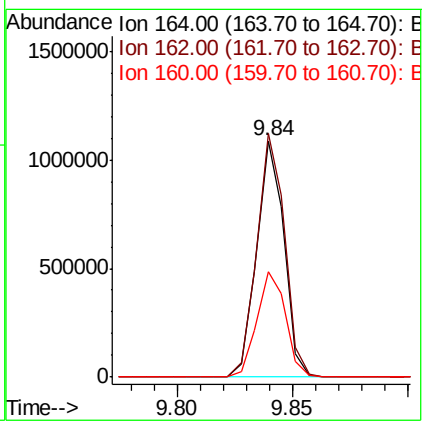


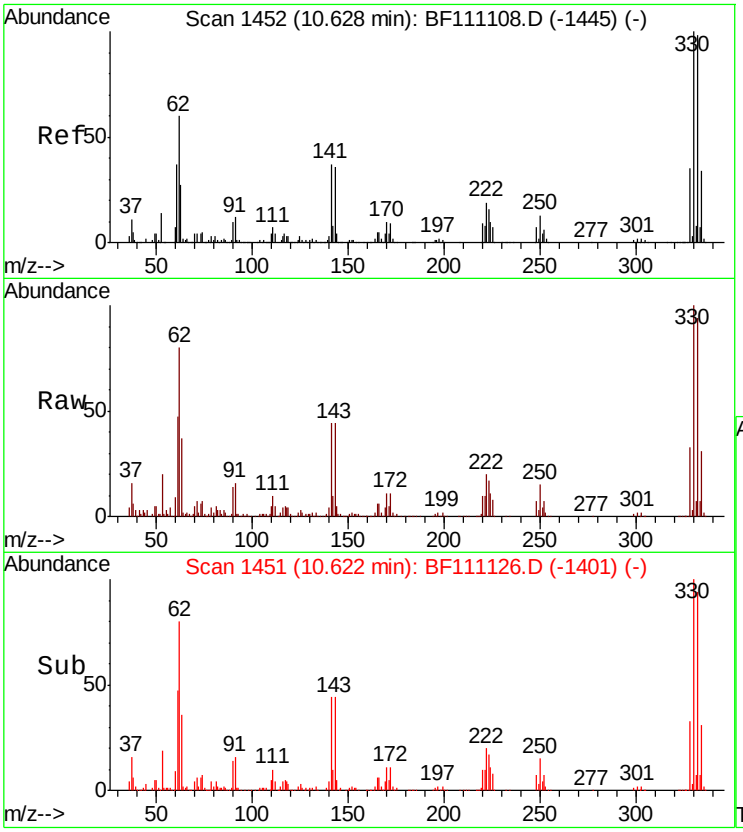


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Tgt Ion:164 Resp: 896956

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.6	120.8
160	44.7	35.5	53.3



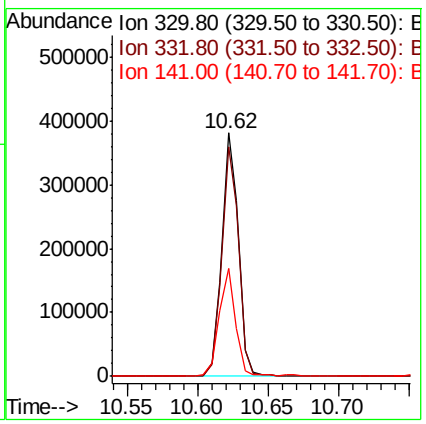


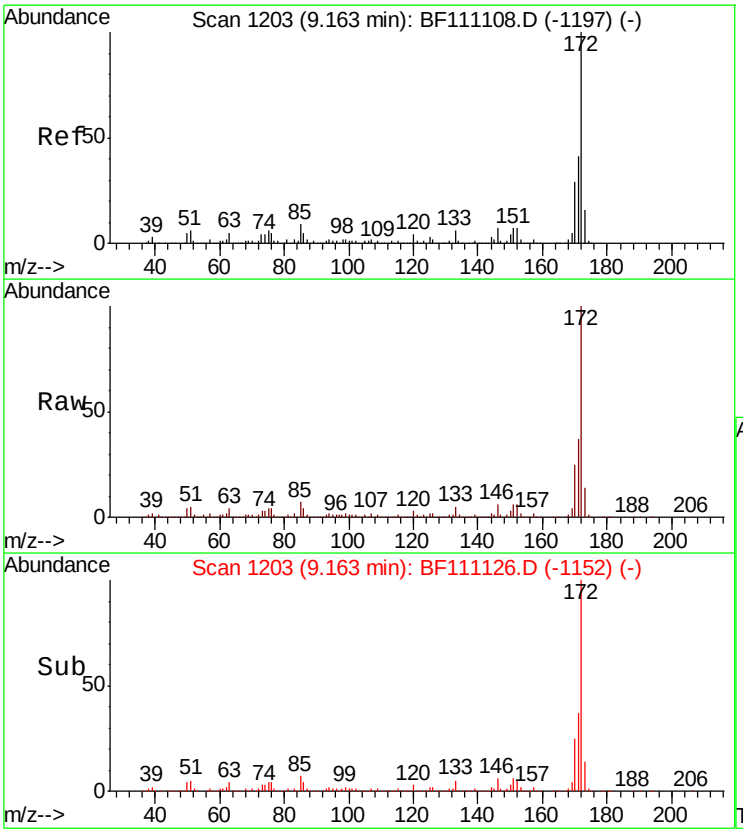
#42
2,4,6-Tribromophenol
Concen: 43.739 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Instrument :
BNA_F
ClientSampleId :
72-11932-72-11967

Tgt Ion:330 Resp: 311846

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.2	115.8
141	43.2	36.1	54.1

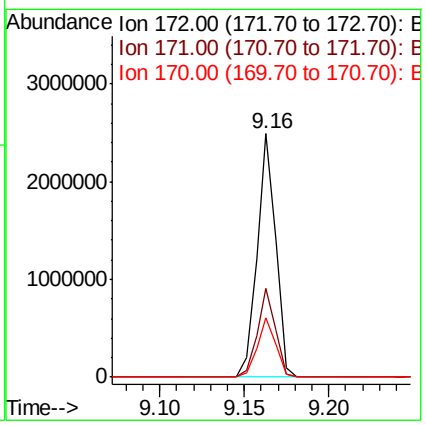


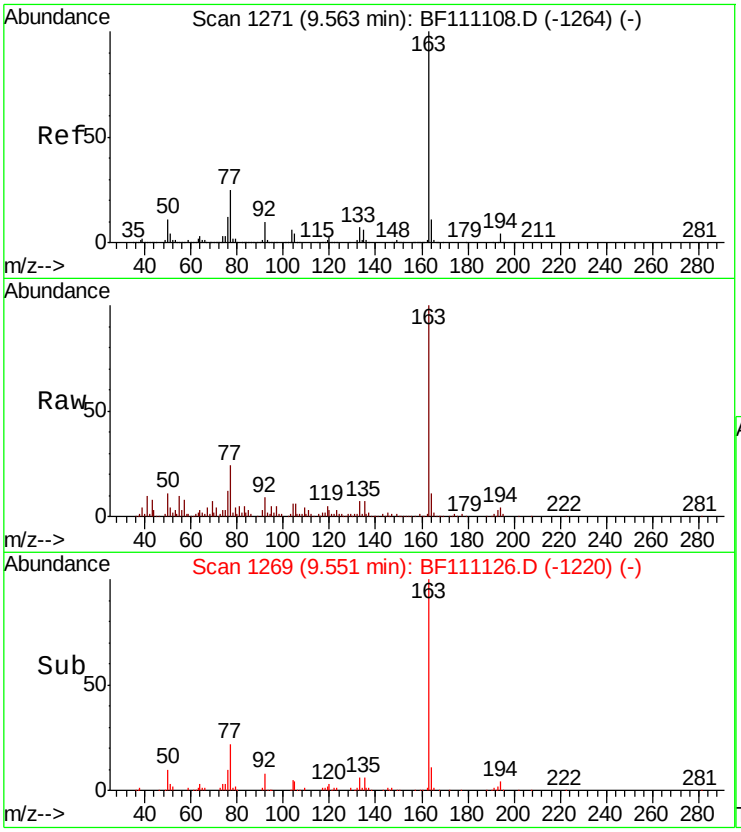


#45
2-Fluorobiphenyl
Concen: 30.072 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Tgt Ion:172 Resp: 1907277

Ion	Ratio	Lower	Upper
172	100		
171	36.6	33.2	49.8
170	24.5	22.9	34.3



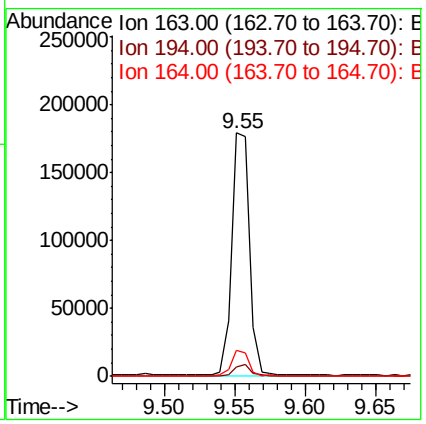


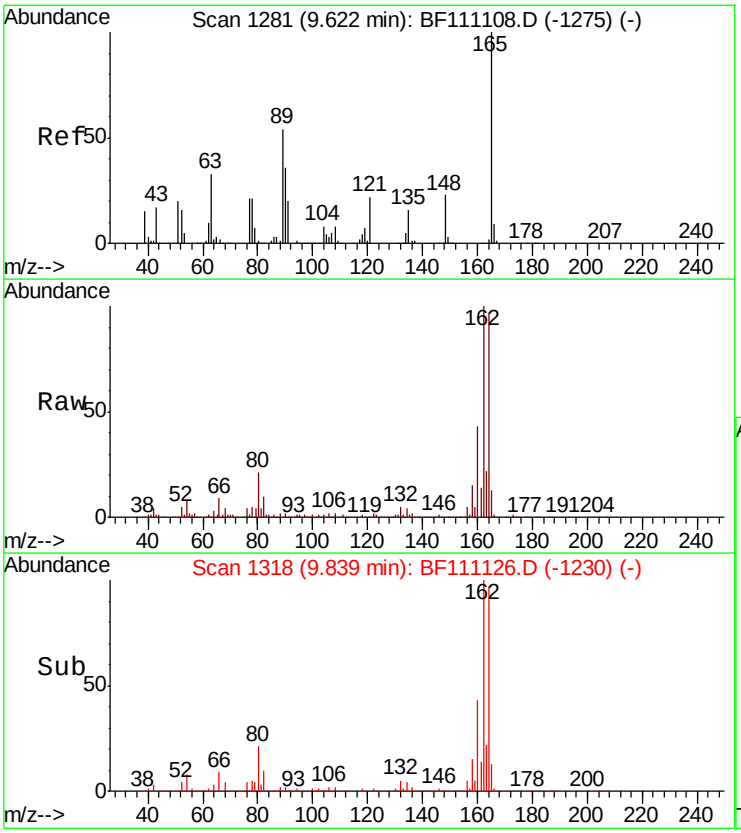
#50
Dimethylphthalate
Concen: 2.492 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Instrument :
BNA_F
ClientSampleId :
72-11932-72-11967

Tgt Ion:163 Resp: 155588

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	10.7	8.9	13.3

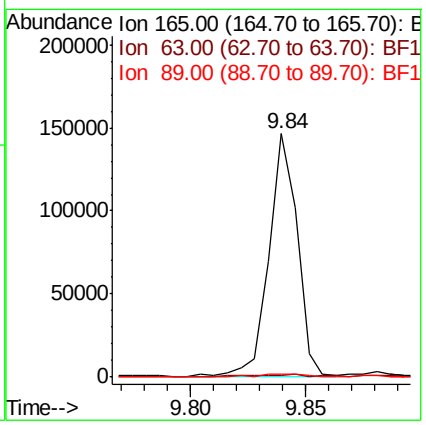


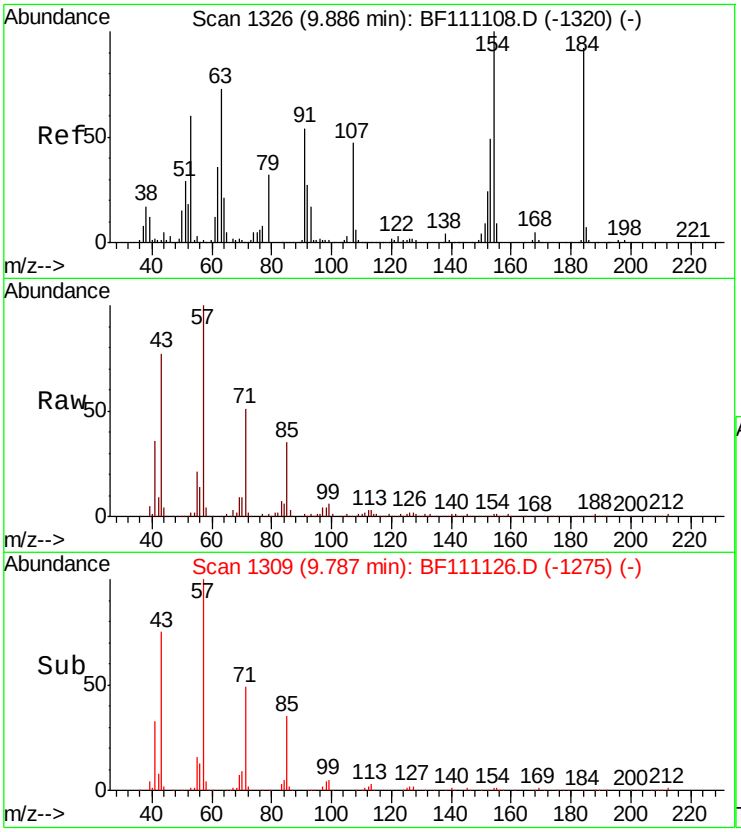


#51
2,6-Dinitrotoluene
Concen: 9.340 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.22 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Tgt Ion:165 Resp: 123613

Ion	Ratio	Lower	Upper
165	100		
63	0.9	44.7	67.1#
89	1.4	43.0	64.4#



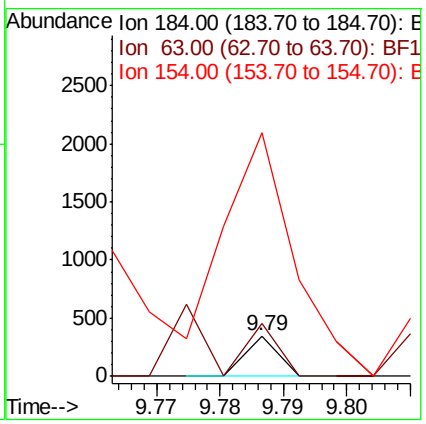


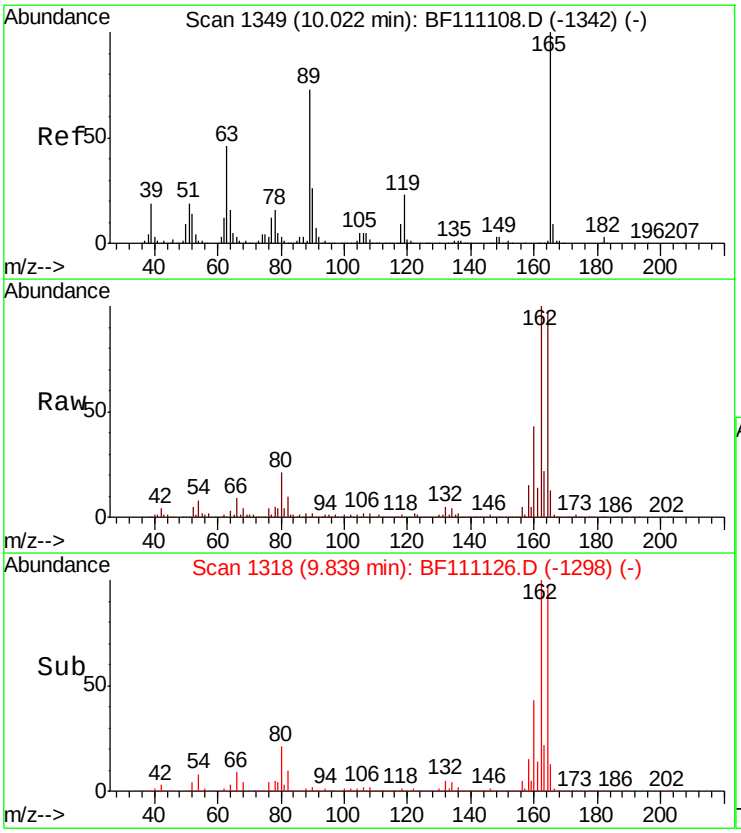
#54
2,4-Dinitrophenol
Concen: 6.631 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.10 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Instrument :
BNA_F
ClientSampleId :
72-11932-72-11967

Tgt Ion:184 Resp: 122

Ion	Ratio	Lower	Upper
184	100		
63	132.8	64.2	96.4#
154	607.0	89.5	134.3#

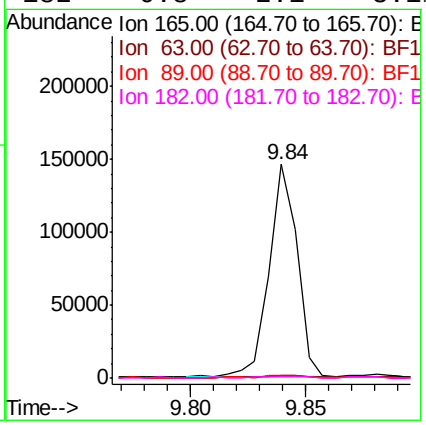


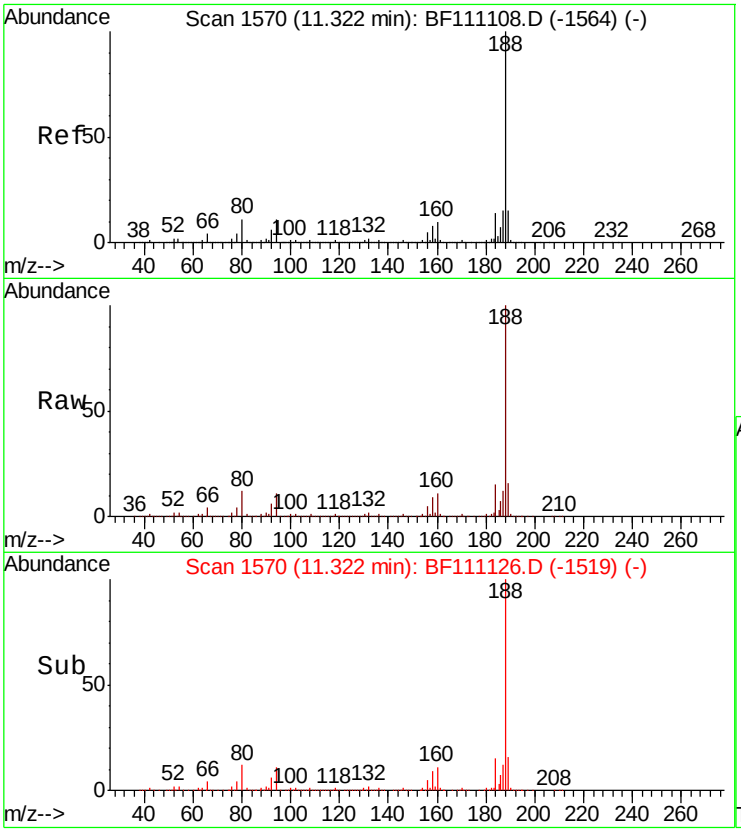


#57
2,4-Dinitrotoluene
Concen: 7.232 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Tgt Ion:165 Resp: 123613

Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.7	55.1#
89	1.4	58.4	87.6#
182	0.8	2.1	3.1#



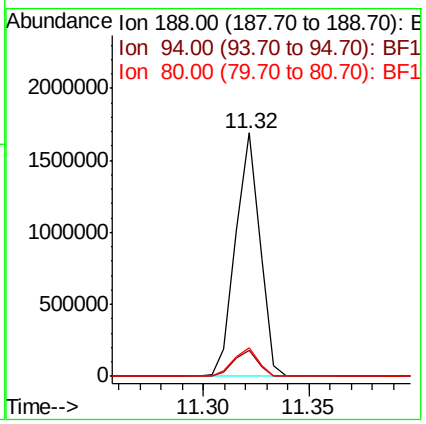


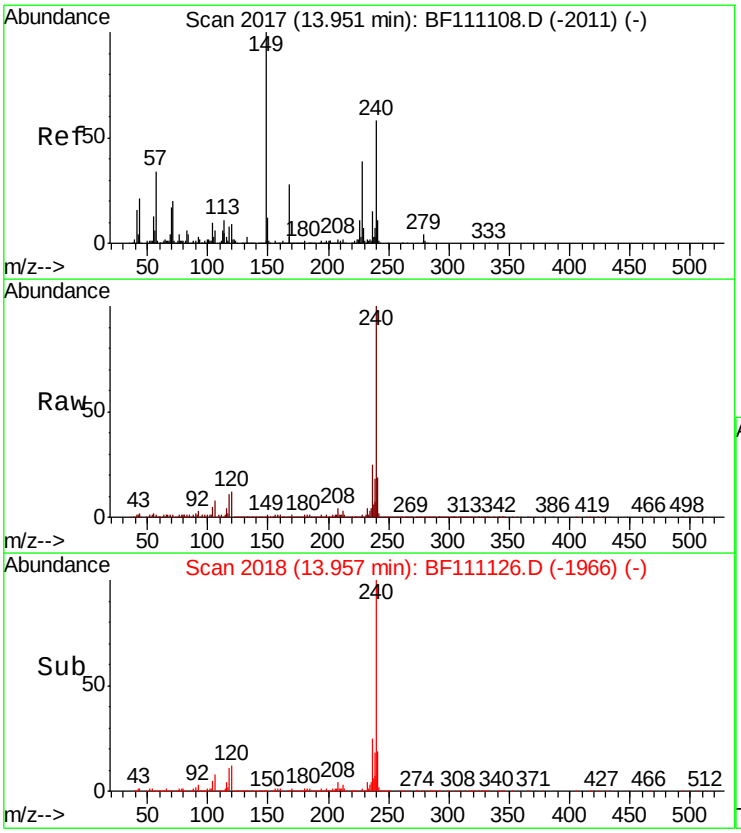
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Instrument :
BNA_F
ClientSampleId :
72-11932-72-11967

Tgt Ion:188 Resp: 1346978

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.8	9.0	13.6

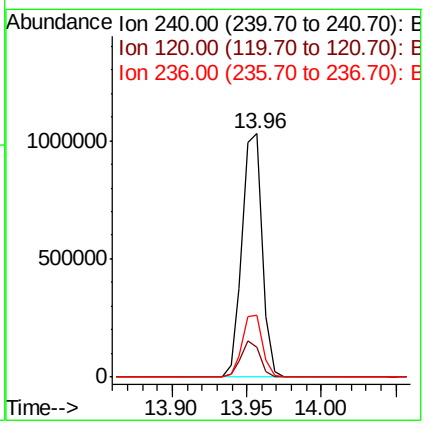


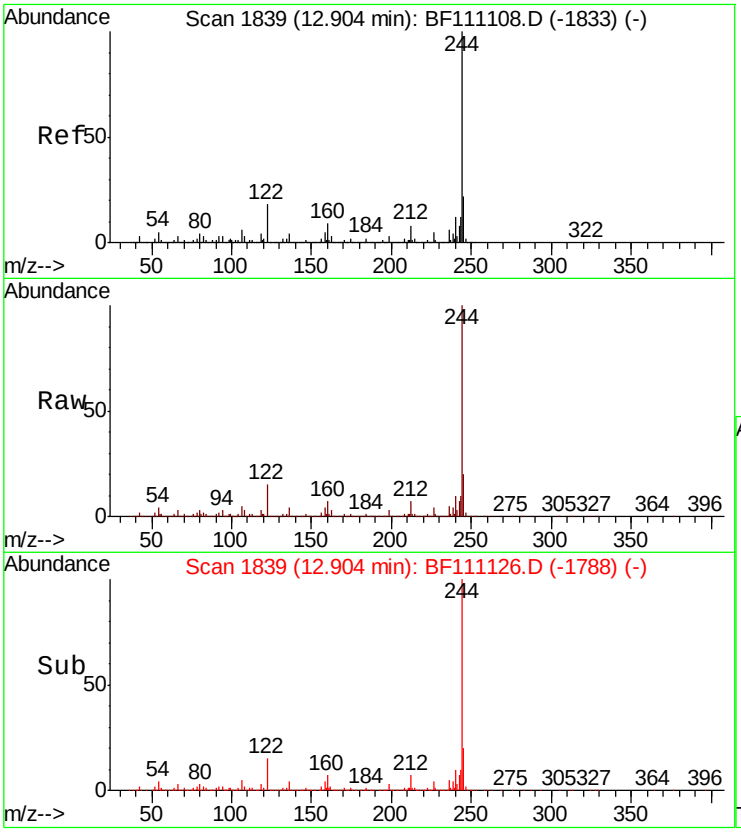


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Tgt Ion:240 Resp: 965665

Ion	Ratio	Lower	Upper
240	100		
120	12.3	12.8	19.2#
236	25.4	21.1	31.7



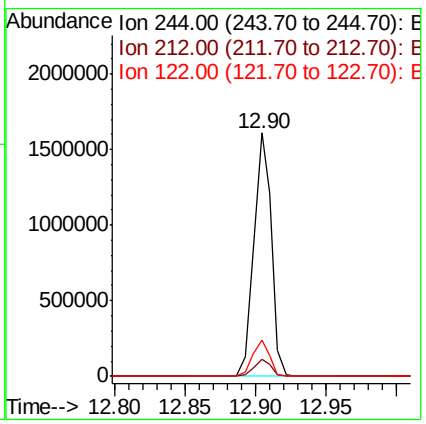


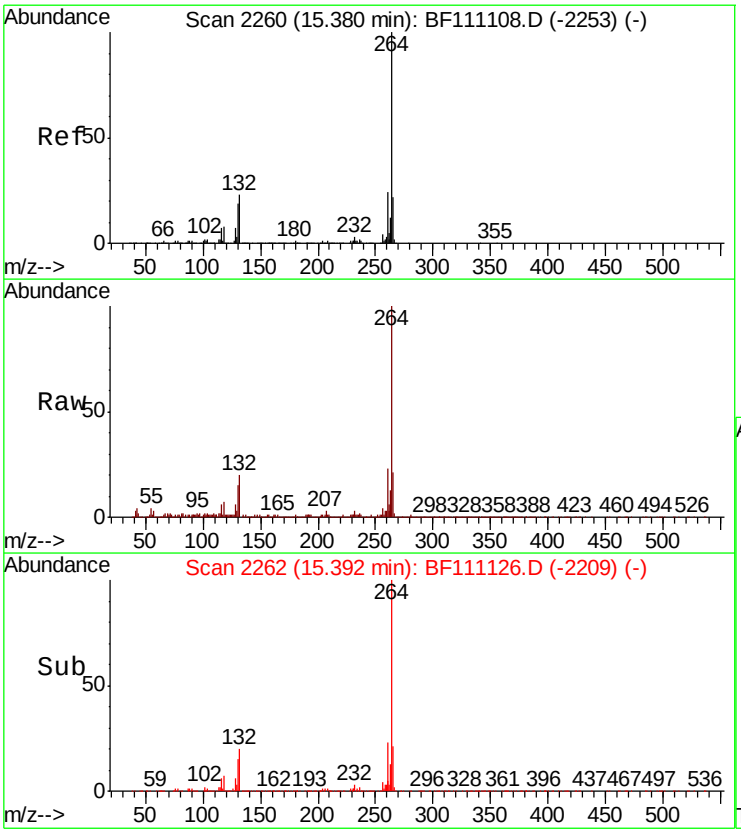
#79
Terphenyl-d14
Concen: 29.722 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Instrument :
BNA_F
ClientSampleId :
72-11932-72-11967

Tgt Ion:244 Resp: 1401469

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.6	9.8
122	14.7	14.2	21.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Tgt Ion:264 Resp: 684478

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.0
265	21.2	17.4	26.0