Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110367.D
Acq On : 1 Nov 2018 14:34
Operator : JU/SJ
Sample : J5741-43
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 01 15:53:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 31 14:18:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	88701	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	358487	20.00	ng		-0.02
39) Acenaphthene-d10	10.00	164	167916	20.00	ng		-0.02
64) Phenanthrene-d10	11.49	188	297864	20.00	ng		-0.03
76) Chrysene-d12	14.13	240	157894	20.00	ng		-0.04
87) Perylene-d12	15.66	264	165168	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	763782	140.22	ng		0.00
7) Phenol-d6	6.59	99	960825	137.91	ng		-0.02
23) Nitrobenzene-d5	7.52	82	618538	102.34	ng		-0.02
42) 2,4,6-Tribromophenol	10.79	330	233538	140.40	ng		-0.02
45) 2-Fluorobiphenyl	9.32	172	1115589	104.32	ng		-0.02
79) Terphenyl-d14	13.07	244	840276	110.68	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.73	77	18857	3.036	ng		82
10) Phenol	6.59	94	58169	7.811	ng		82
19) n-Nitroso-di-n-propylamine	7.52	70	83614	18.707	ng	#	81
25) Isophorone	7.52	82	618534	60.037	ng	#	67
50) Dimethylphthalate	9.70	163	172835	13.944	ng		99
57) 2,4-Dinitrotoluene	10.00	165	21252	6.267	ng	#	19
67) 4-Bromophenyl-phenylether	10.79	248	15071	4.665	ng	#	1

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

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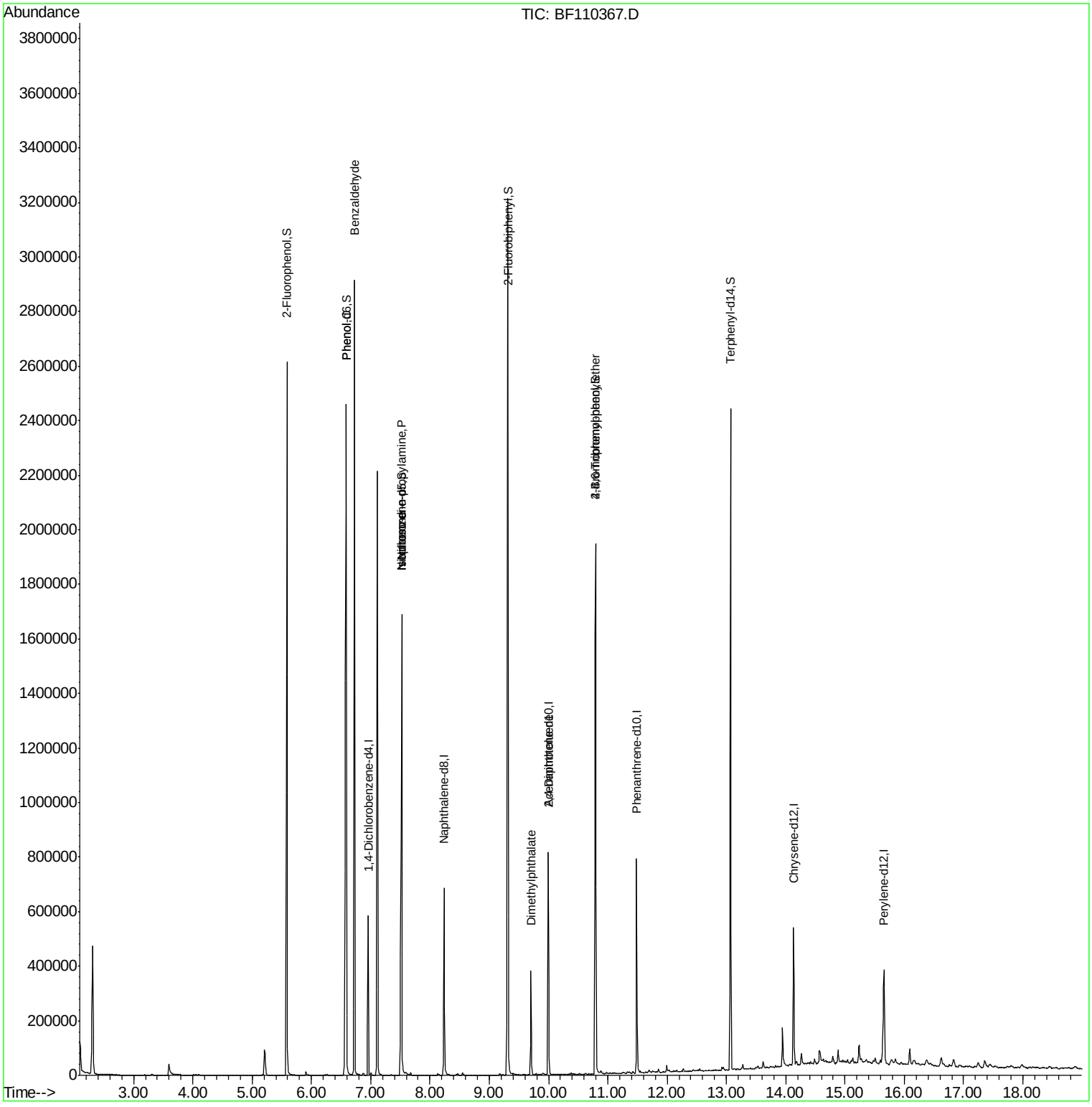
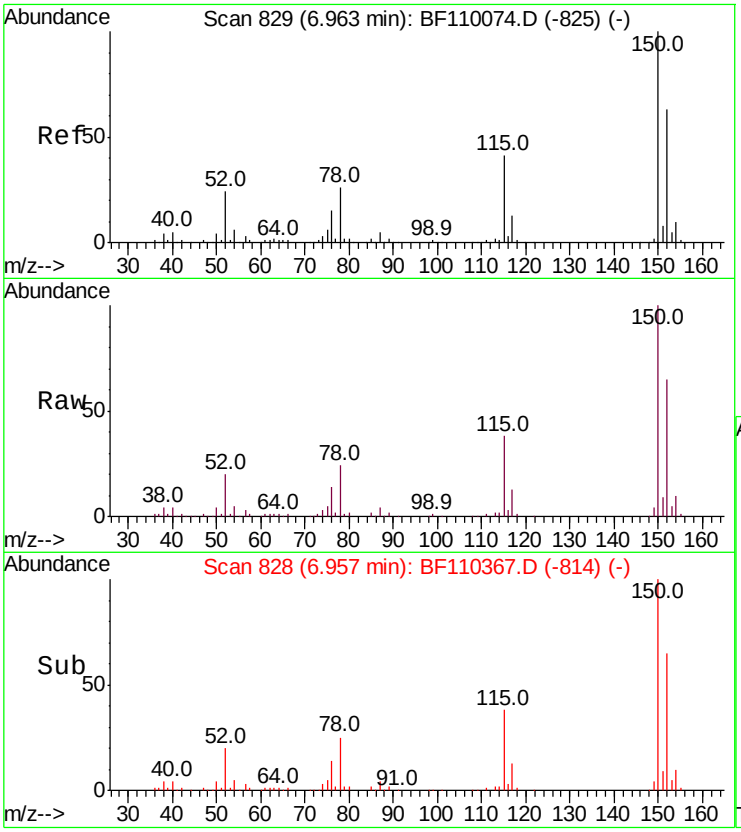


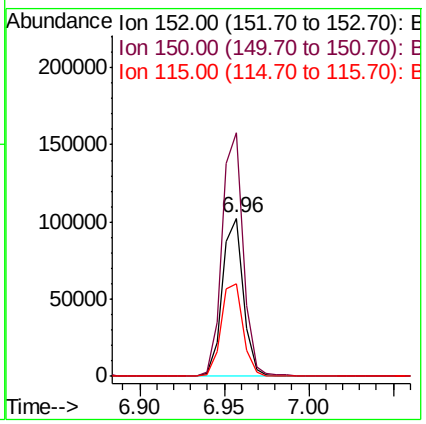


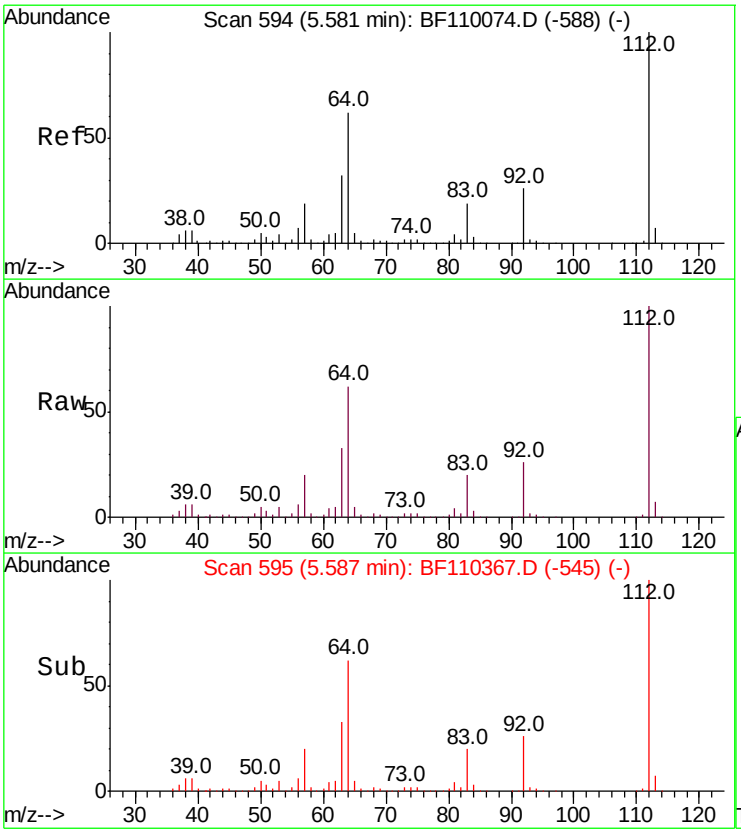
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 88701

Ion	Ratio	Lower	Upper
152	100		
150	153.7	122.7	184.1
115	58.4	49.1	73.7

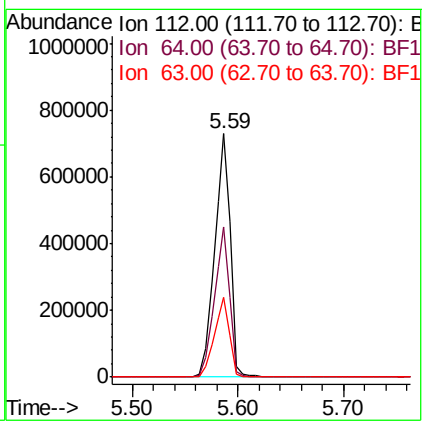


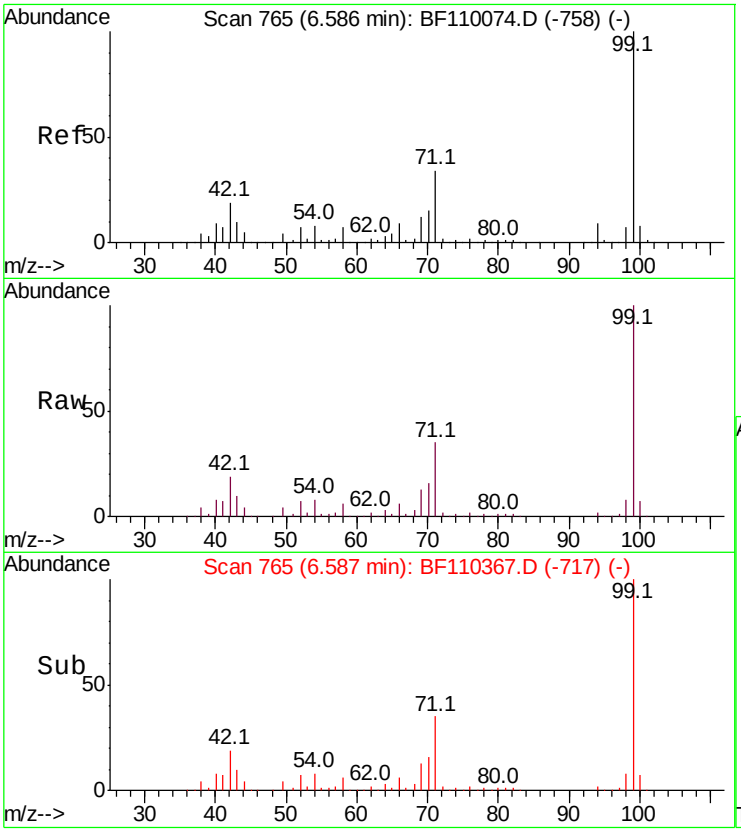


#5
2-Fluorophenol
Concen: 140.222 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Tgt Ion:112 Resp: 763782

Ion	Ratio	Lower	Upper
112	100		
64	61.8	44.1	66.1
63	32.6	23.7	35.5



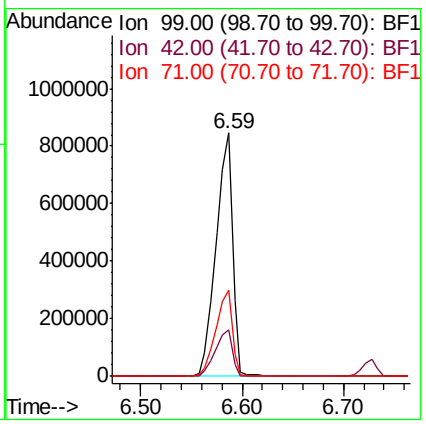


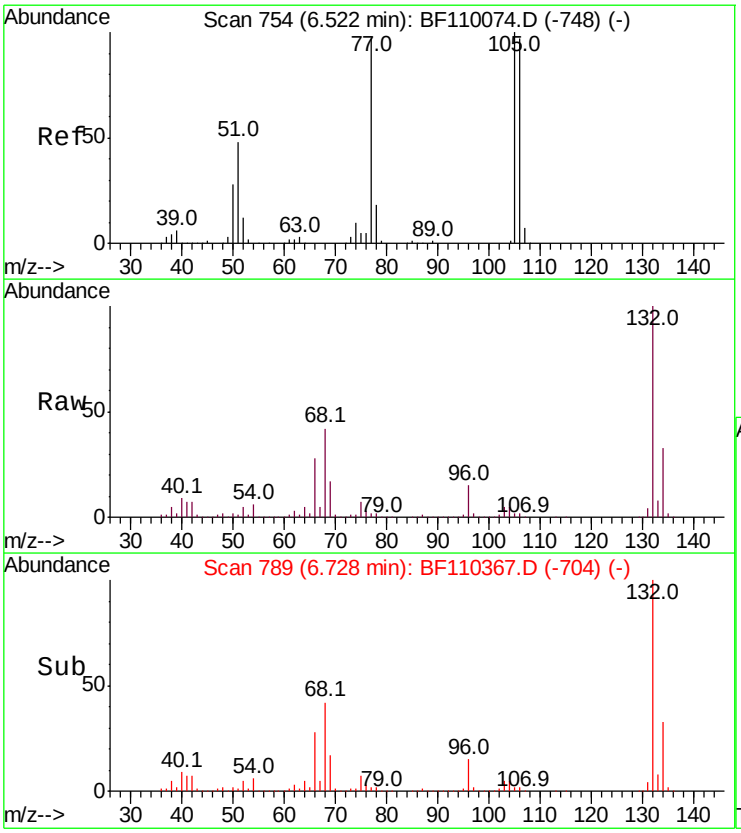
#7
Phenol-d6
Concen: 137.909 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 960825

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.8	23.6
71	35.4	28.0	42.0

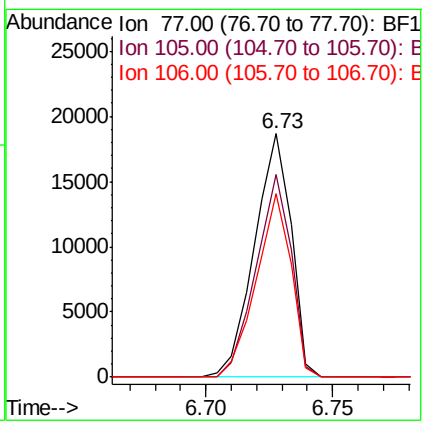


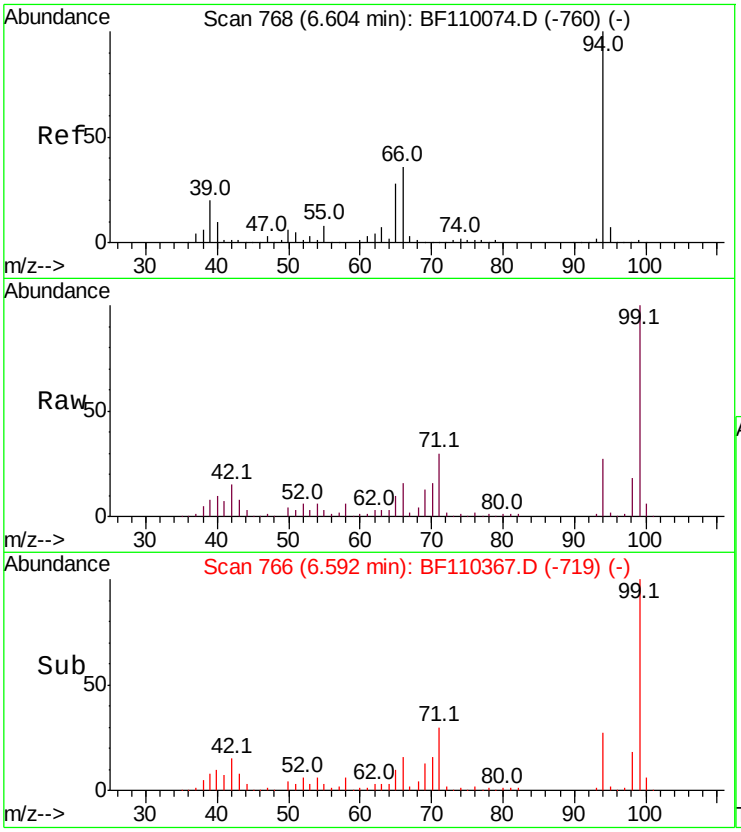


#9
Benzaldehyde
Concen: 3.036 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.20 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Tgt Ion: 77 Resp: 18857

Ion	Ratio	Lower	Upper
77	100		
105	83.1	78.6	118.6
106	75.3	74.8	114.8



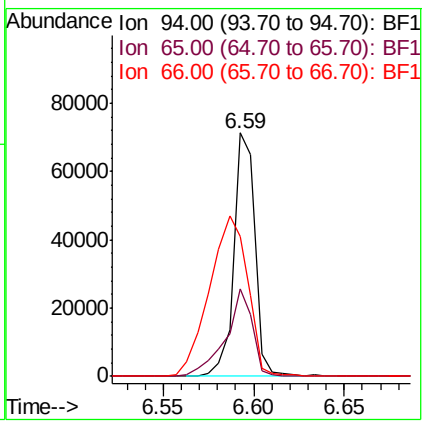


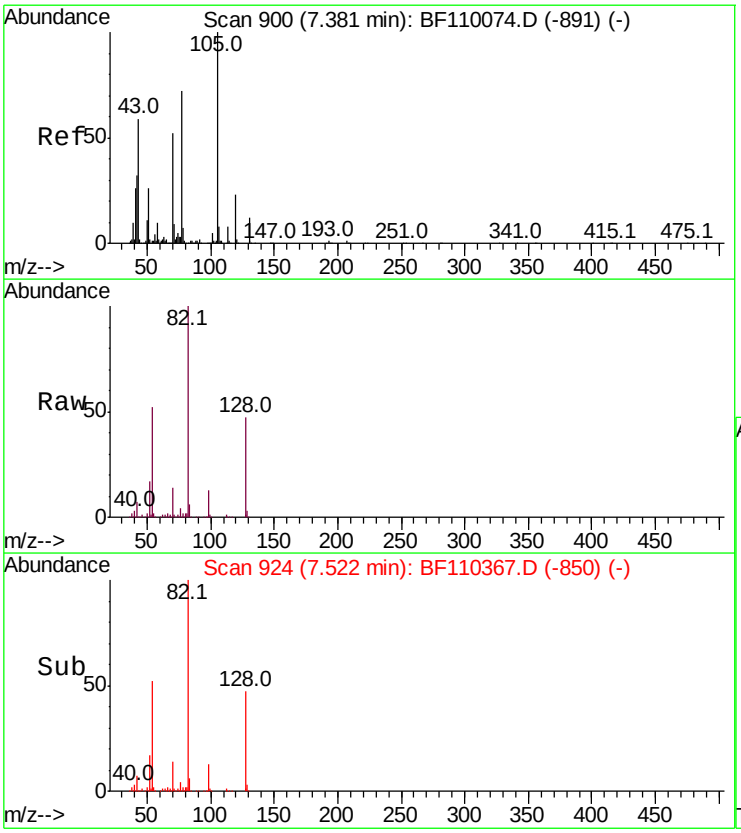
#10
Phenol
Concen: 7.811 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 58169

Ion	Ratio	Lower	Upper
94	100		
65	36.0	25.3	65.3
66	57.5	54.5	94.5

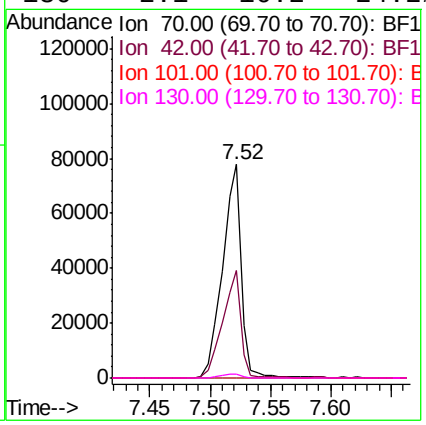


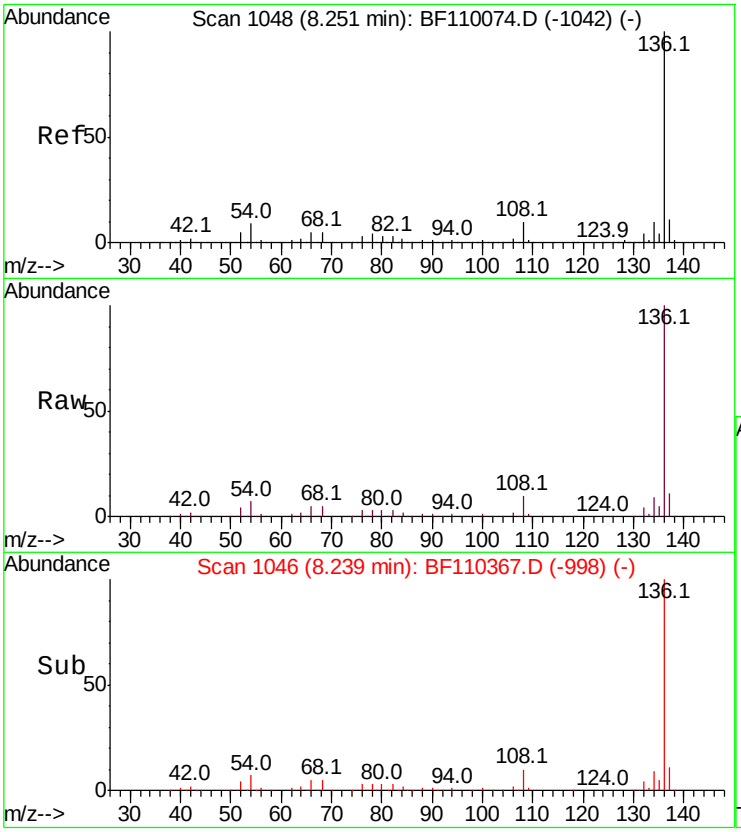


#19
n-Nitroso-di-n-propylamine
Concen: 18.707 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.14 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Tgt Ion: 70 Resp: 83614

Ion	Ratio	Lower	Upper
70	100		
42	50.4	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#



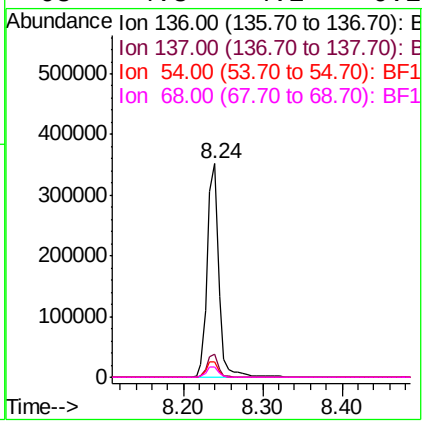


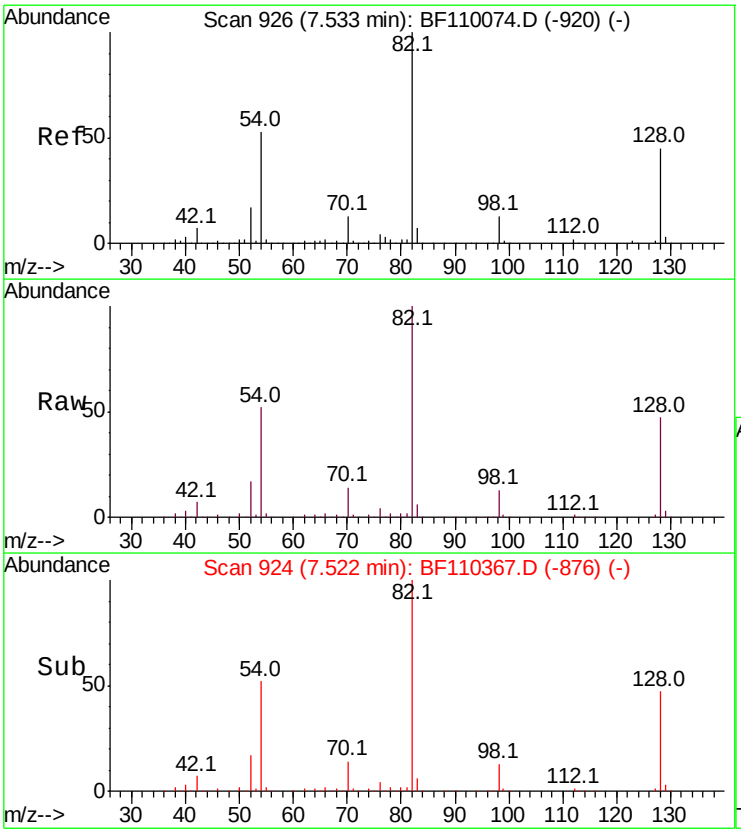
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 358487

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.4	5.4	8.2
68	4.8	4.2	6.2

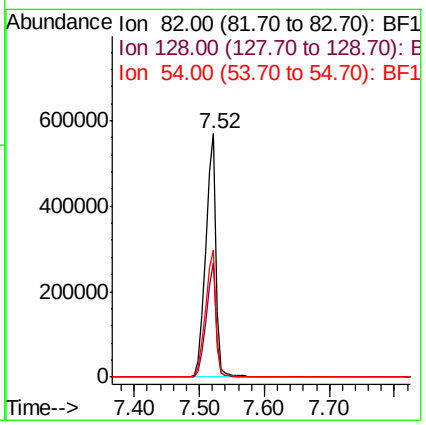


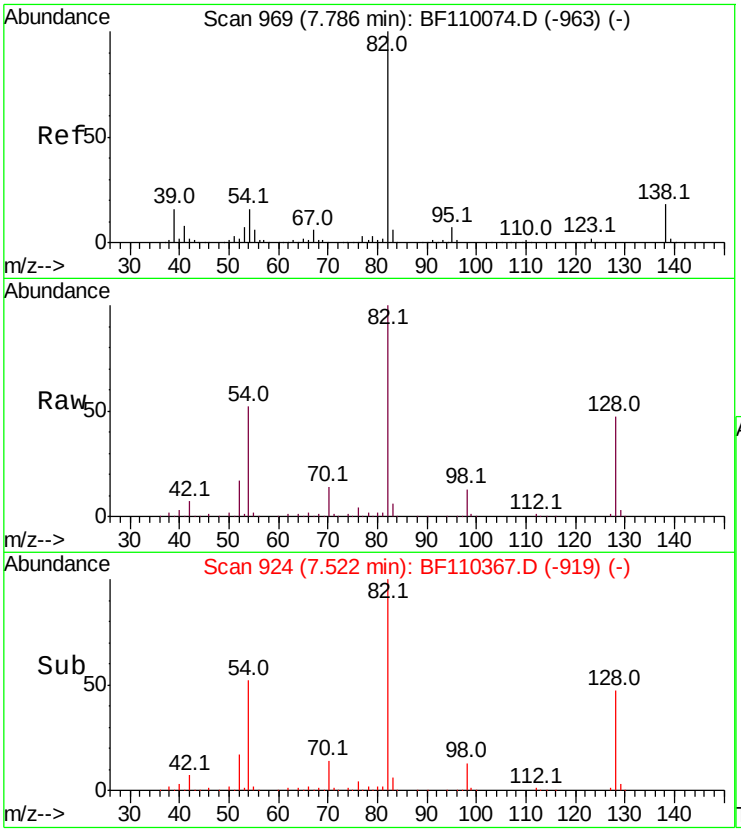


#23
Nitrobenzene-d5
Concen: 102.340 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.02 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Tgt Ion: 82 Resp: 618538

Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.2	51.2
54	52.2	38.6	58.0



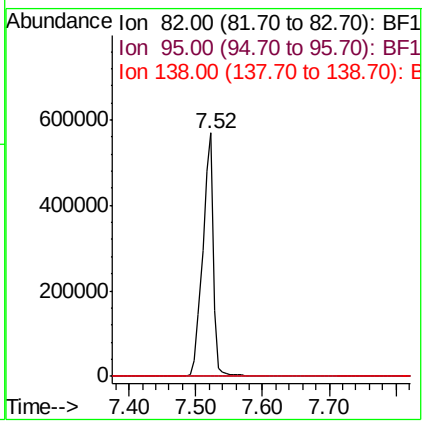


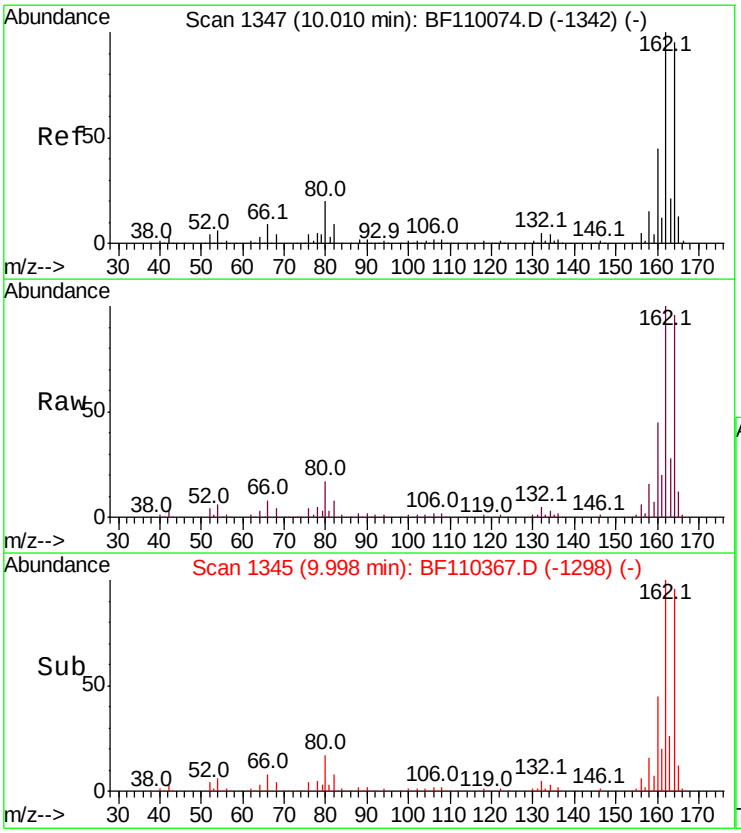
#25
Isophorone
Concen: 60.037 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.27 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 618534

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

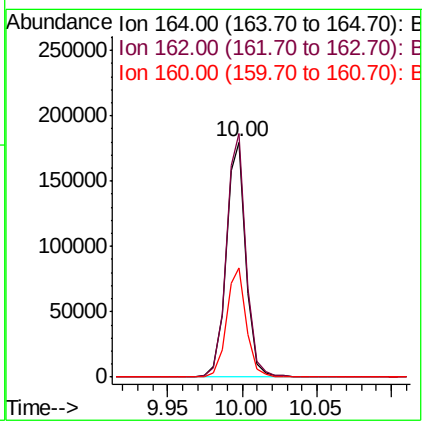


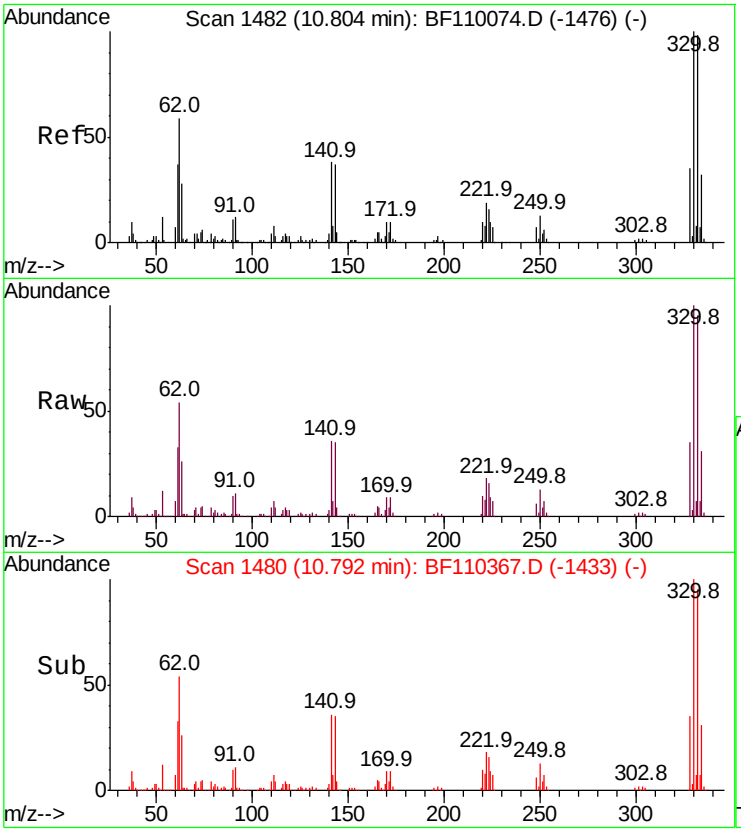


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Tgt Ion:164 Resp: 167916

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.0	124.6
160	46.4	37.0	55.6



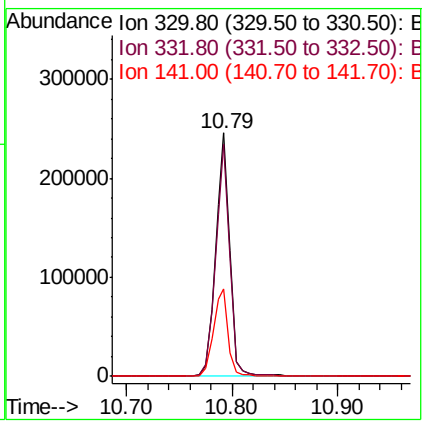


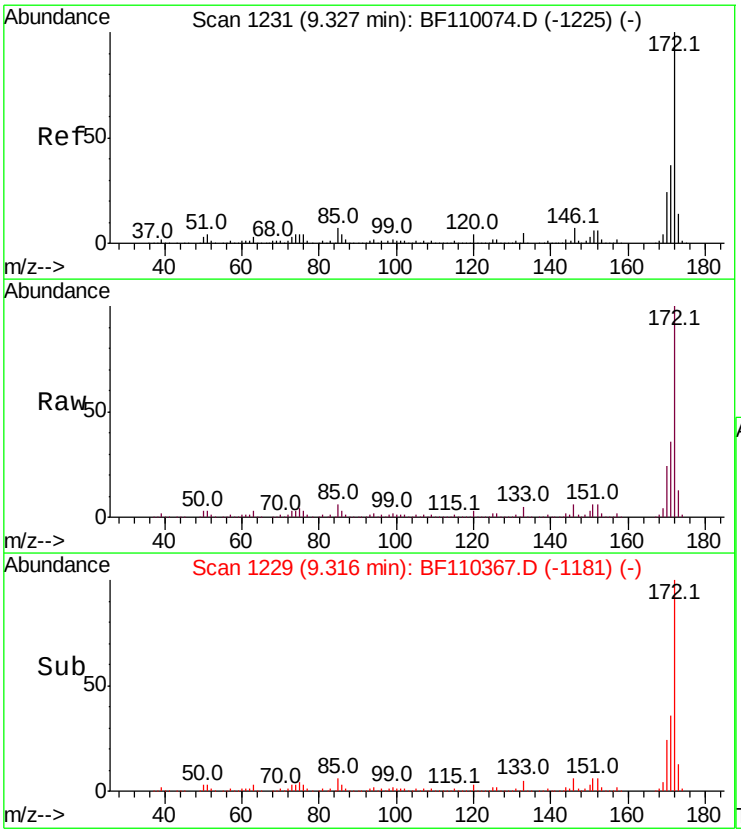
#42
2,4,6-Tribromophenol
Concen: 140.405 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.02 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 233538

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	37.5	27.0	40.4

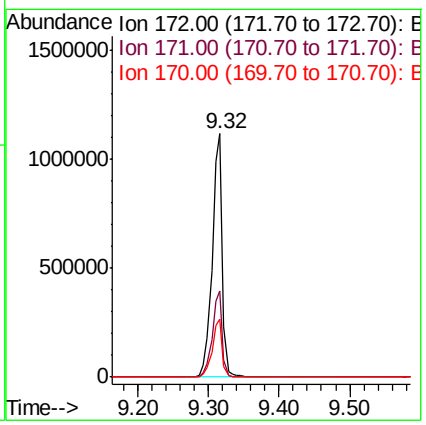


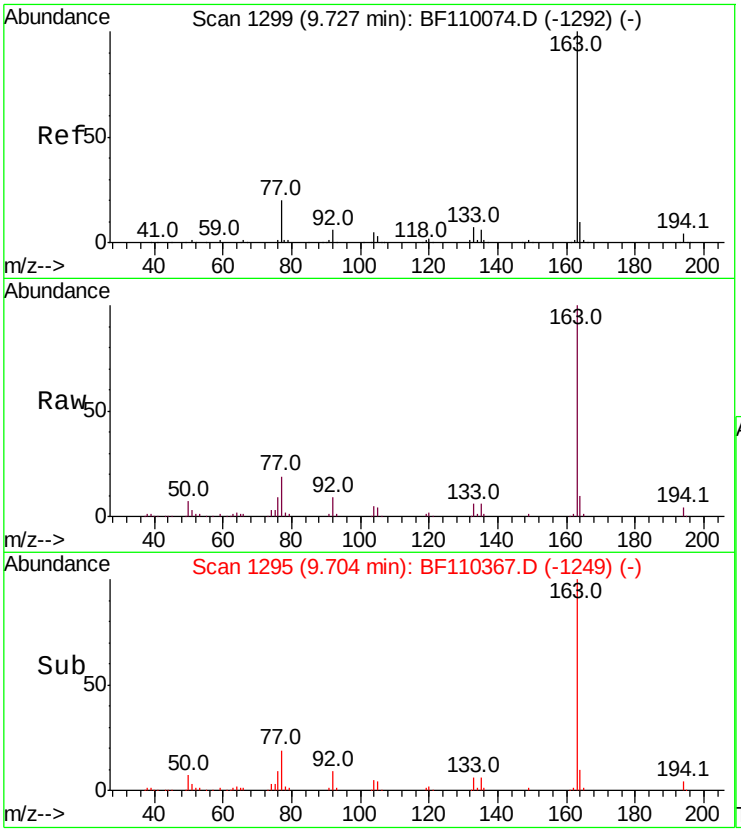


#45
2-Fluorobiphenyl
Concen: 104.324 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Tgt Ion:172 Resp: 1115589

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.6	19.7	29.5



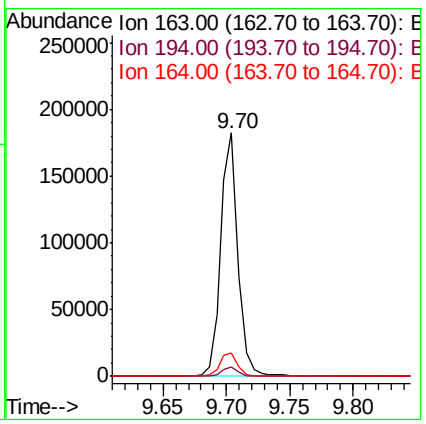


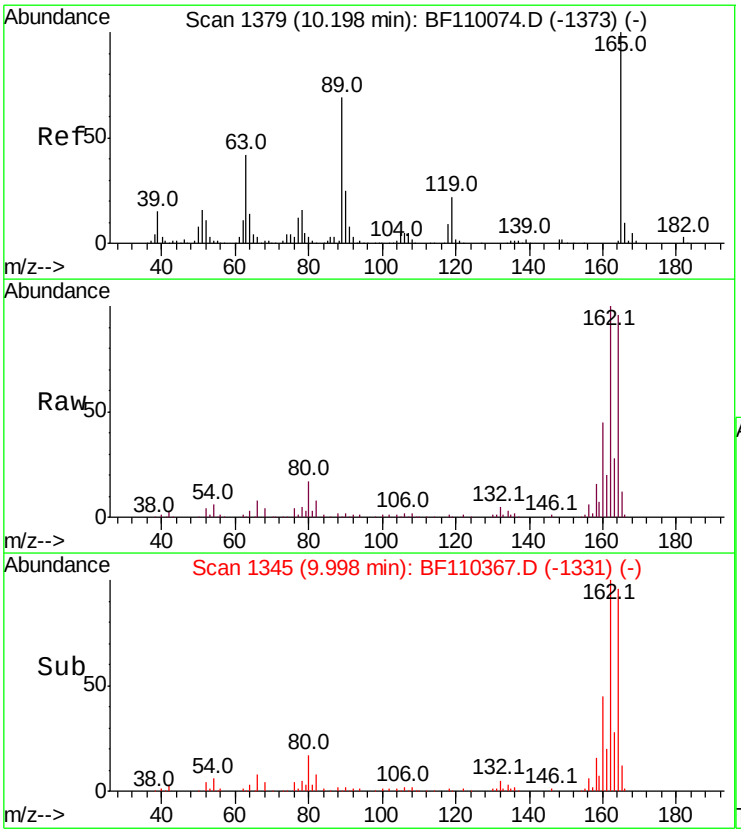
#50
Dimethylphthalate
Concen: 13.944 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 172835

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.6	8.1	12.1

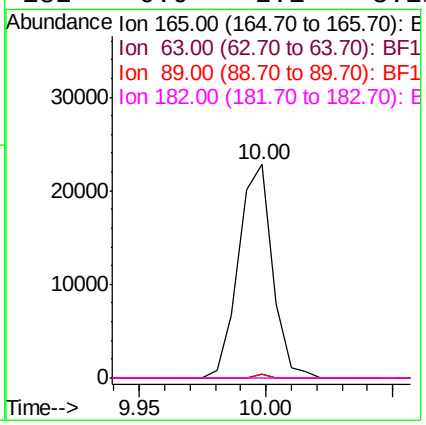


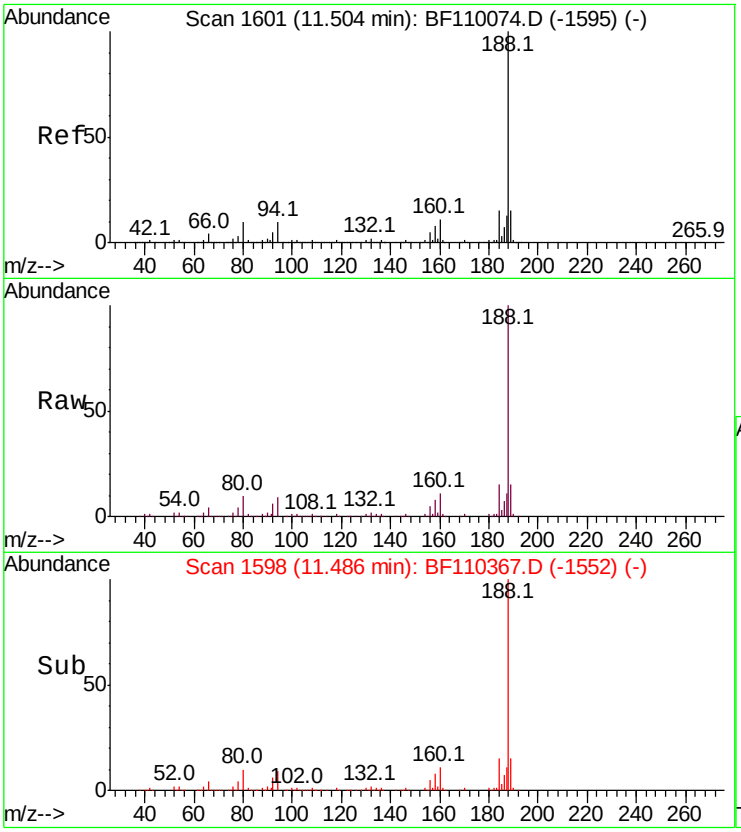


#57
2,4-Dinitrotoluene
Concen: 6.267 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.22 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Tgt Ion:165 Resp: 21252

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.8	67.2#
89	1.6	62.2	93.4#
182	0.0	2.1	3.1#



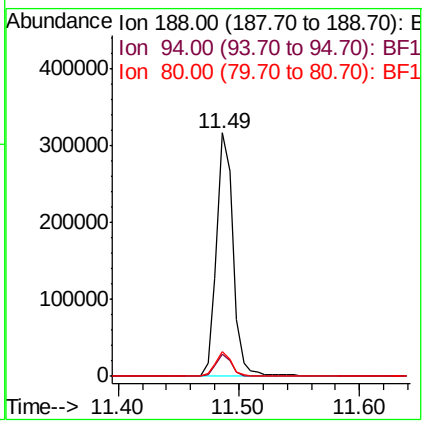


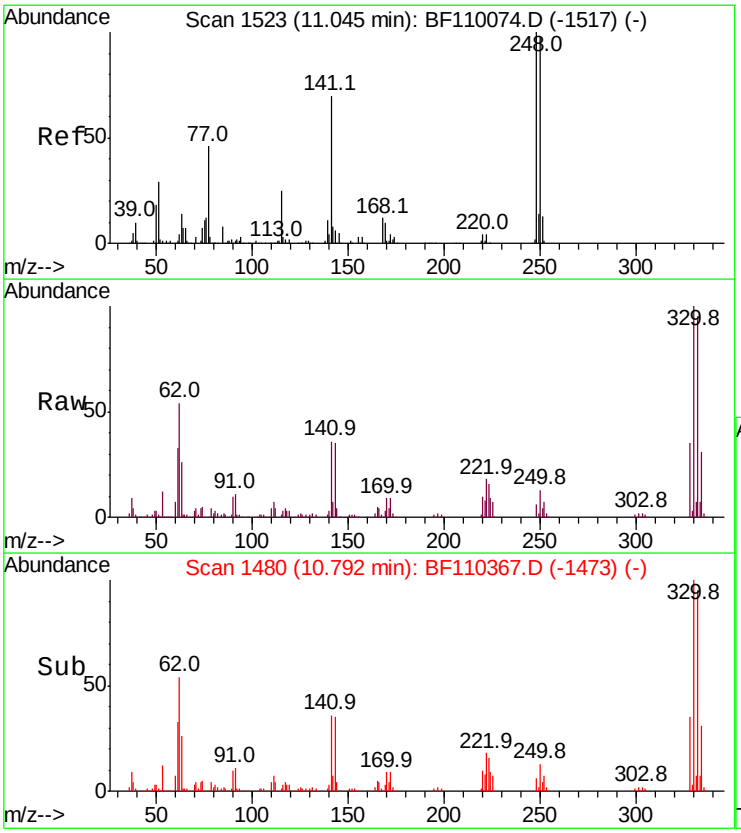
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.03 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 297864

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.4	7.9	11.9

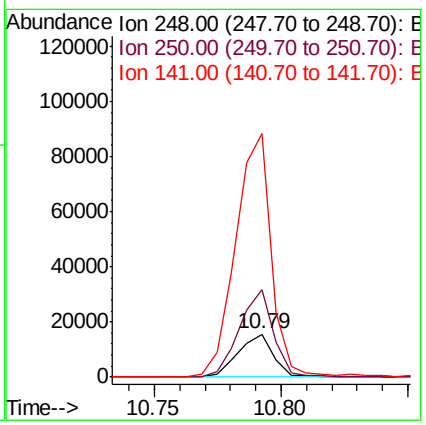


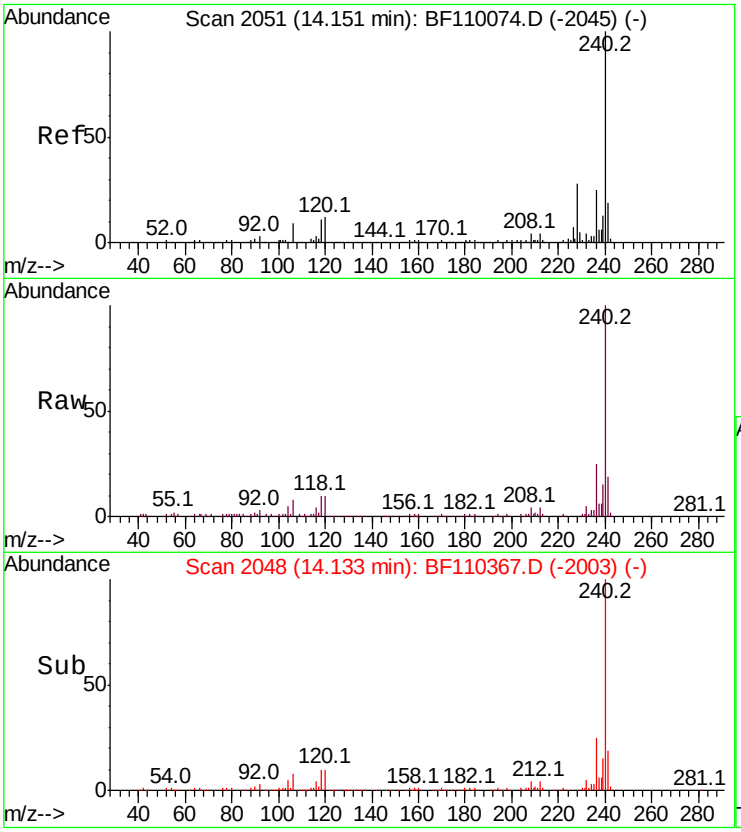


#67
4-Bromophenyl-phenylether
Concen: 4.665 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.26 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Tgt Ion:248 Resp: 15071

Ion	Ratio	Lower	Upper
248	100		
250	201.2	79.4	119.2#
141	562.5	55.9	83.9#



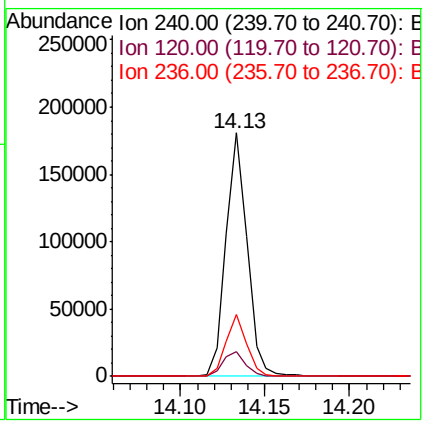


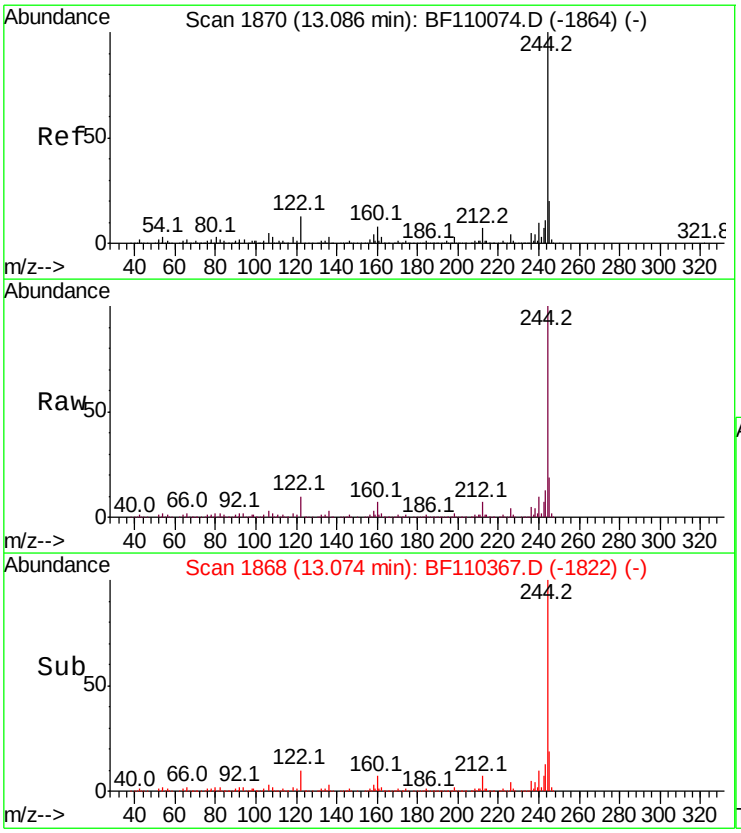
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.04 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 157894

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.3	12.5
236	25.2	21.2	31.8

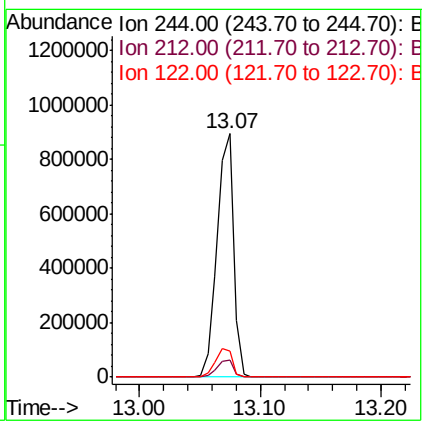


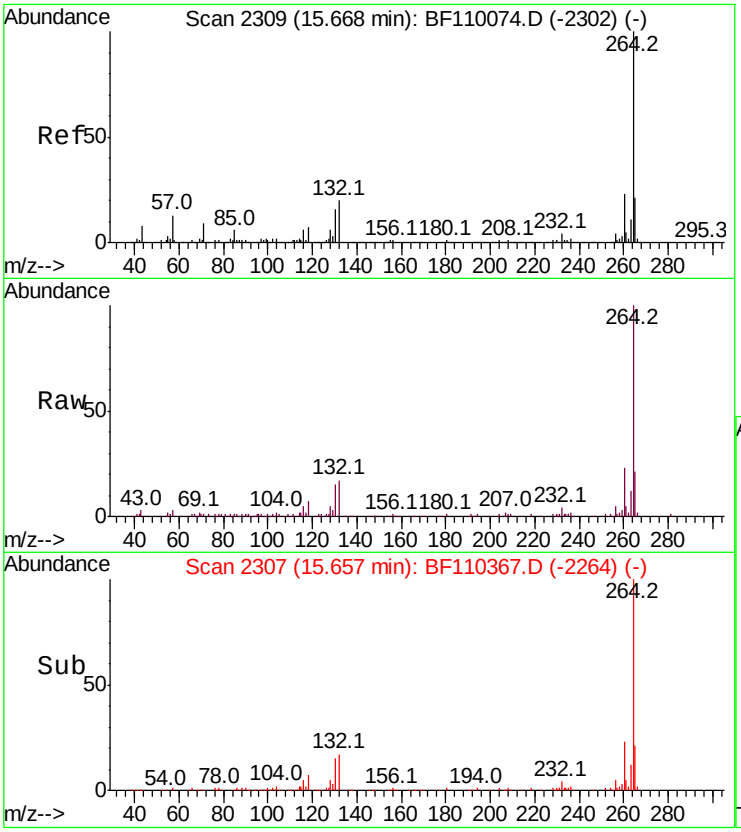


#79
Terphenyl-d14
Concen: 110.677 ng
RT: 13.07 min Scan# 1868
Delta R.T. -0.03 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Tgt Ion:244 Resp: 840276

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.5	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.05 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 165168

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.4	16.7	25.1