Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110387.D
Acq On : 2 Nov 2018 3:14
Operator : JU/SJ
Sample : J5747-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 02 04:14:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	78511	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	299948	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	116133	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	179516	20.00	ng	0.00
76) Chrysene-d12	14.13	240	180212	20.00	ng	0.00
87) Perylene-d12	15.66	264	146324	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	615536	127.67	ng	0.01
7) Phenol-d6	6.58	99	767426	124.45	ng	0.00
23) Nitrobenzene-d5	7.52	82	479575	94.83	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	127531	110.86	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	785387	106.19	ng	0.00
79) Terphenyl-d14	13.07	244	612642	70.70	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	1917	Below Cal	#	1
10) Phenol	6.59	94	57730	8.758	ng	# 67
19) n-Nitroso-di-n-propylamine	7.52	70	63298	16.000	ng	# 78
25) Isophorone	7.52	82	479571	55.633	ng	# 67
50) Dimethylphthalate	9.70	163	83846	9.781	ng	99
57) 2,4-Dinitrotoluene	10.00	165	14933	6.367	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	8241	4.232	ng	# 1

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

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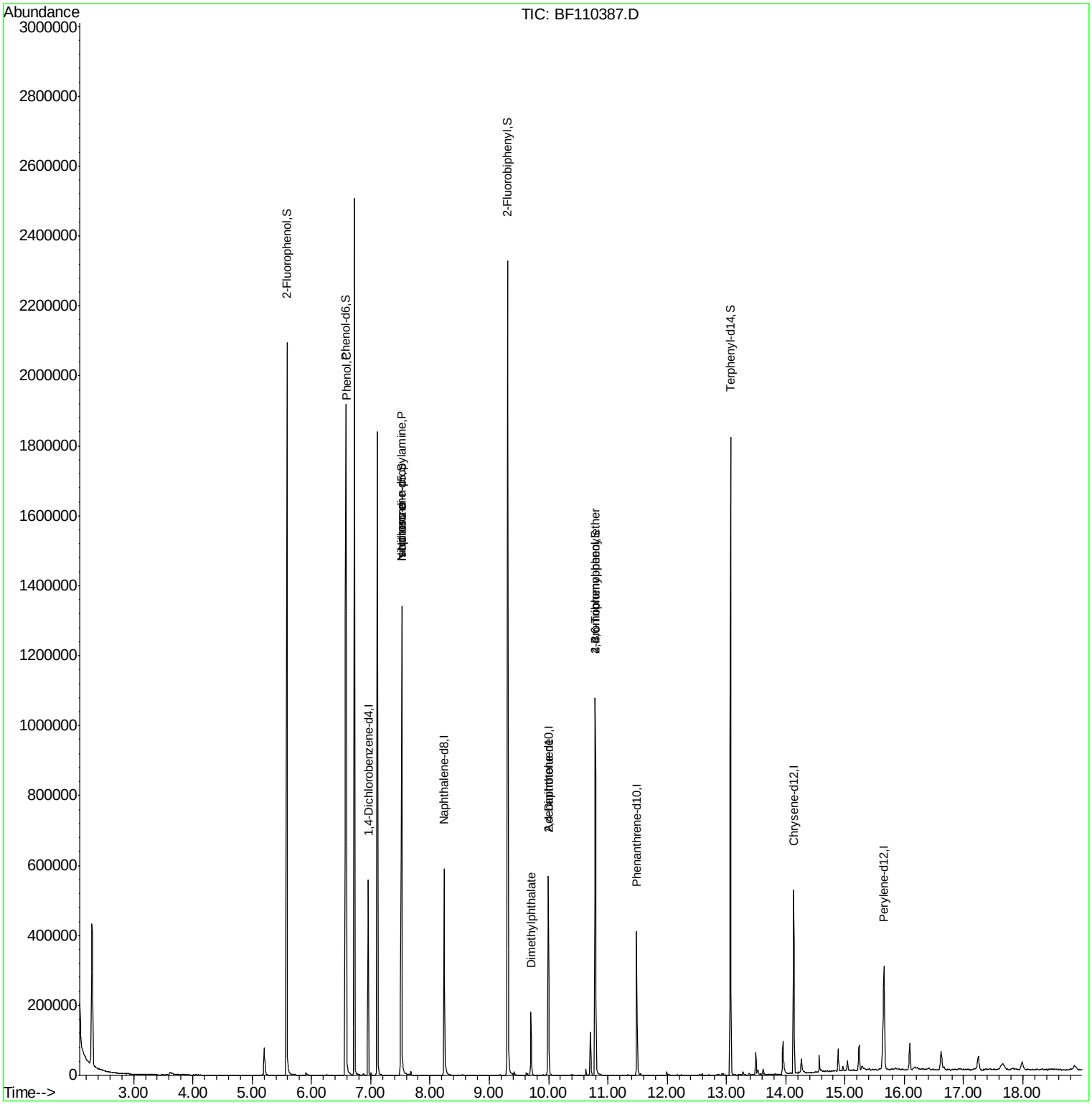
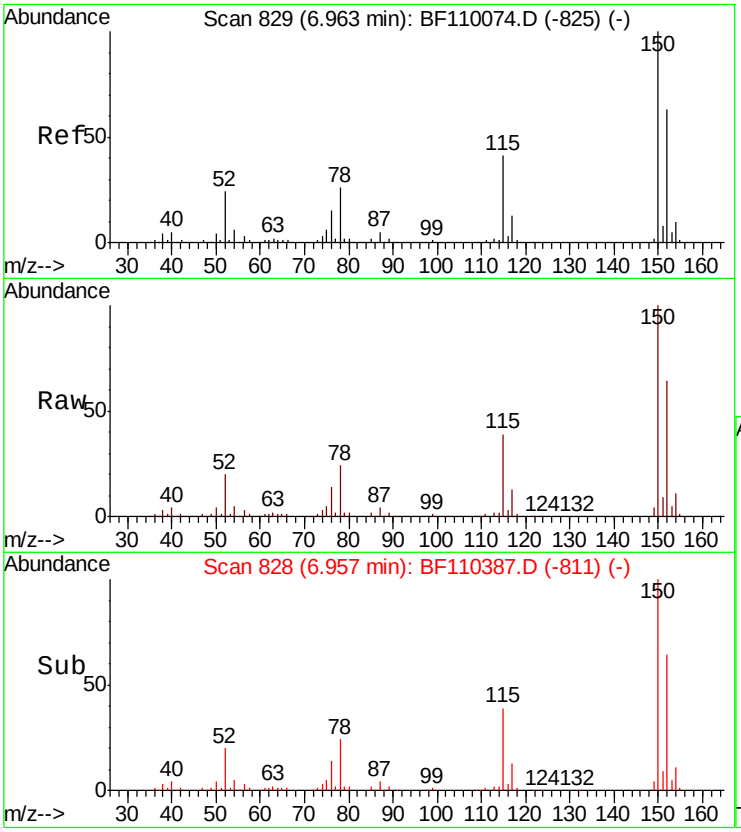
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration



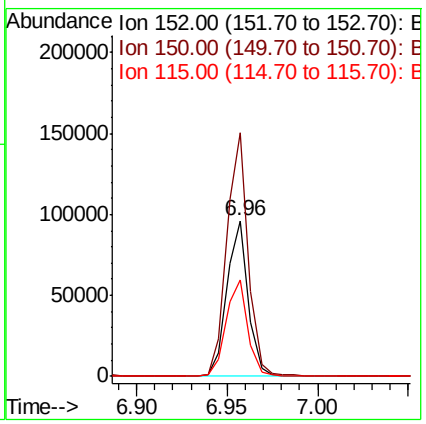


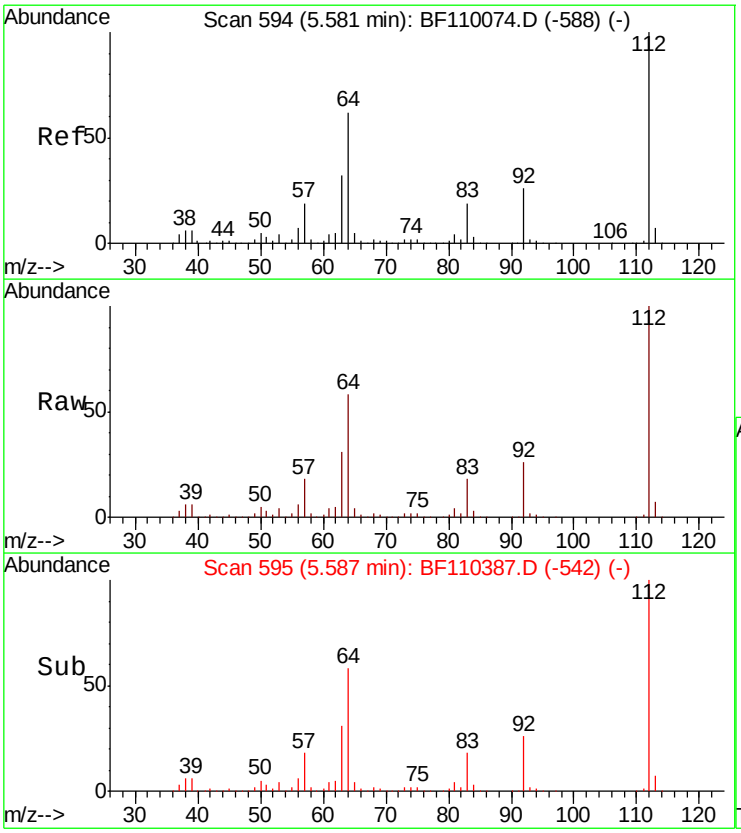
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110387.D
Acq: 2 Nov 2018 3:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 78511

Ion	Ratio	Lower	Upper
152	100		
150	156.3	122.7	184.1
115	61.5	49.1	73.7

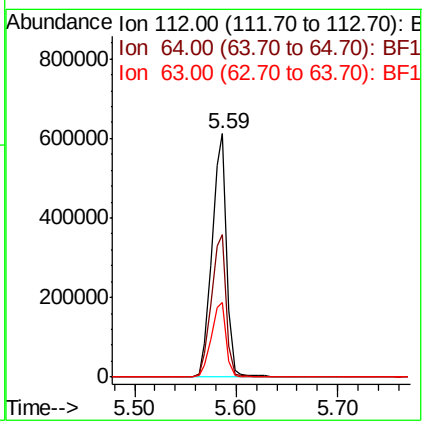


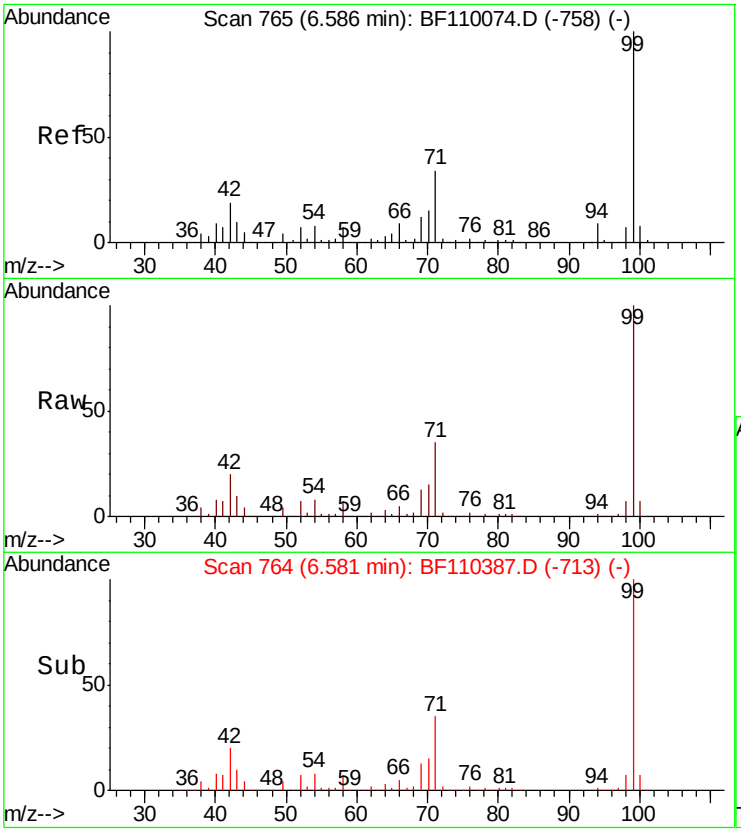


#5
2-Fluorophenol
Concen: 127.673 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110387.D
Acq: 2 Nov 2018 3:14

Tgt Ion:112 Resp: 615536

Ion	Ratio	Lower	Upper
112	100		
64	58.4	44.1	66.1
63	30.5	23.7	35.5



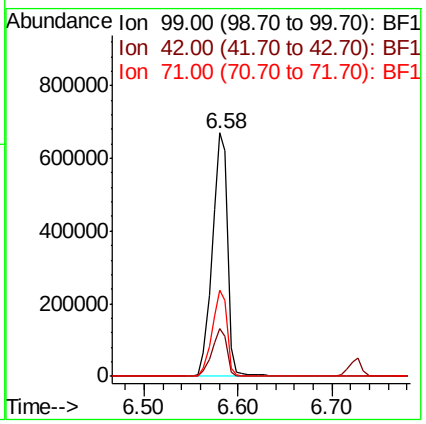


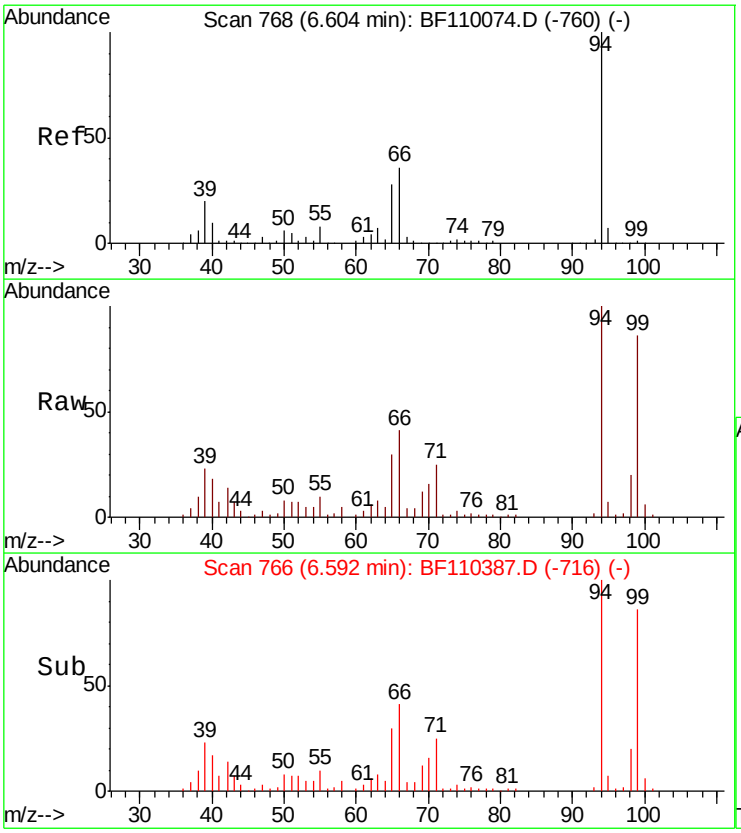
#7
Phenol-d6
Concen: 124.447 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF110387.D
Acq: 2 Nov 2018 3:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 767426

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	35.2	28.0	42.0

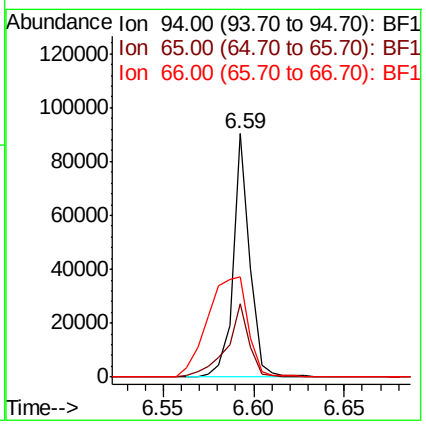


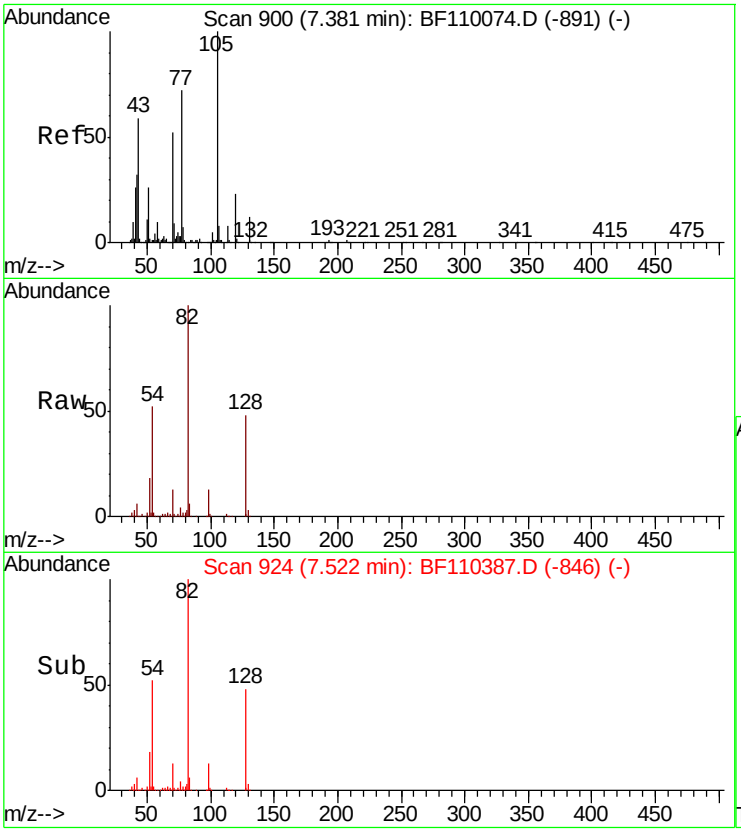


#10
Phenol
Concen: 8.758 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110387.D
Acq: 2 Nov 2018 3:14

Tgt Ion: 94 Resp: 57730

Ion	Ratio	Lower	Upper
94	100		
65	29.9	25.3	65.3
66	41.0	54.5	94.5#



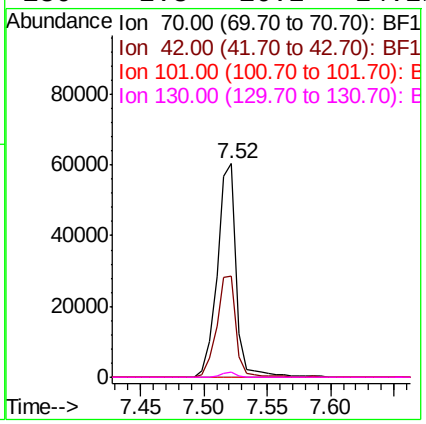


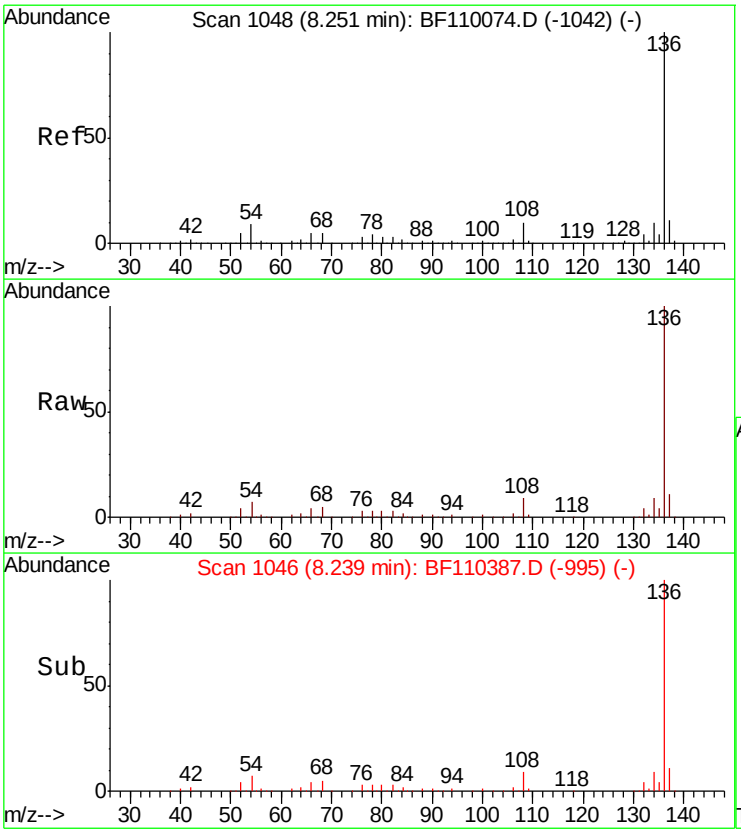
#19
n-Nitroso-di-n-propylamine
Concen: 16.000 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110387.D
Acq: 2 Nov 2018 3:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 63298

Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.4	71.2#
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#

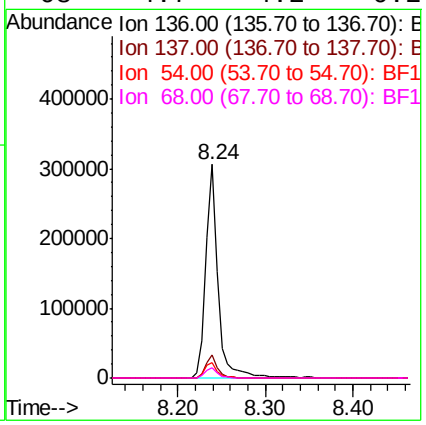


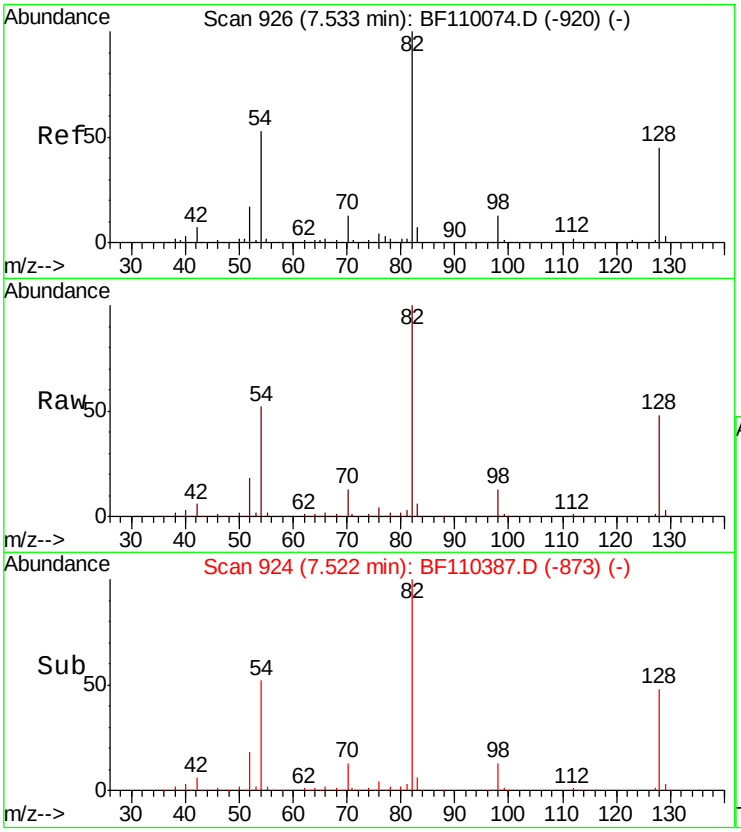


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110387.D
Acq: 2 Nov 2018 3:14

Tgt Ion:136 Resp: 299948

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.1	5.4	8.2
68	4.7	4.2	6.2



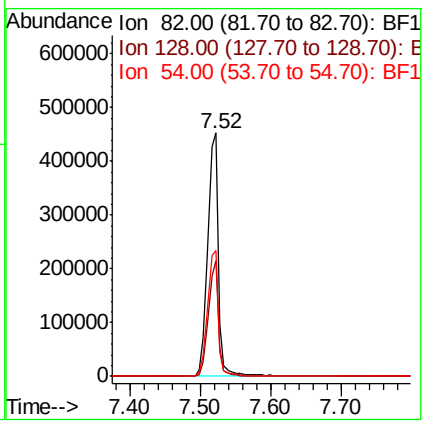


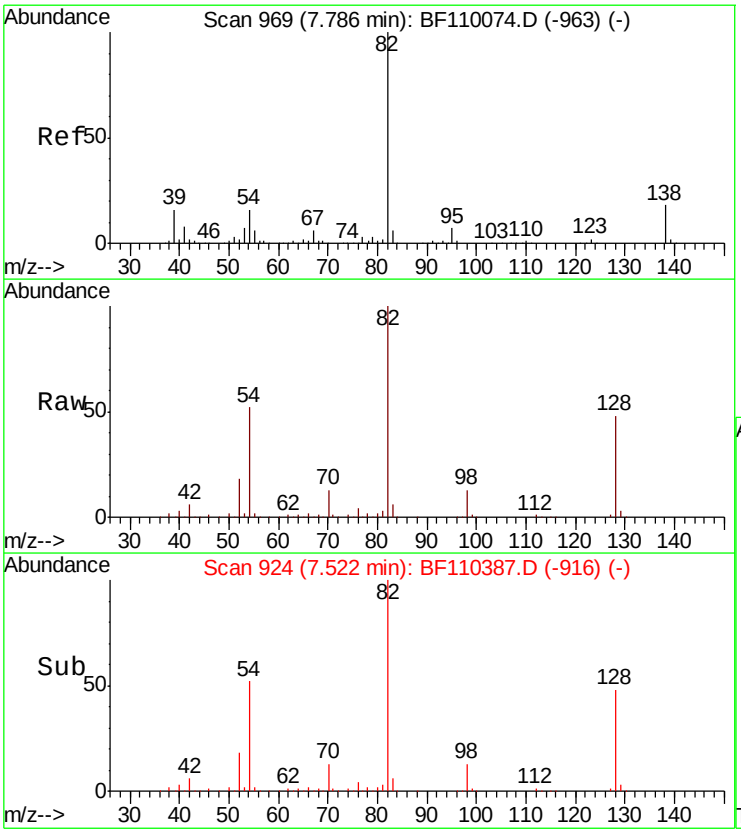
#23
Nitrobenzene-d5
Concen: 94.834 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110387.D
Acq: 2 Nov 2018 3:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 479575

Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.2	51.2
54	51.6	38.6	58.0

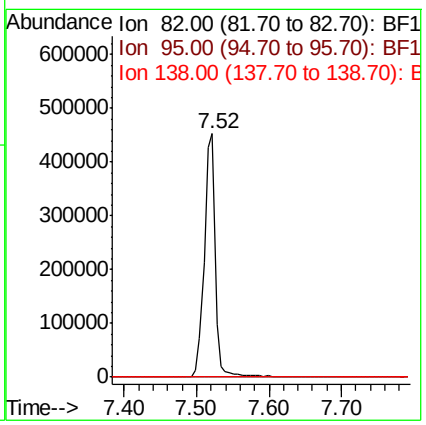


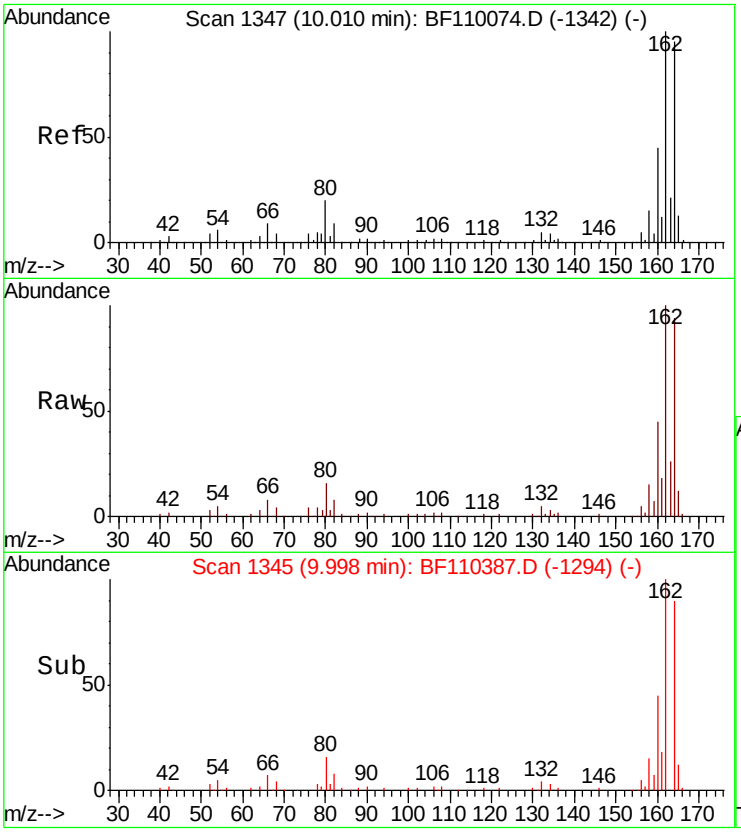


#25
Isophorone
Concen: 55.633 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110387.D
Acq: 2 Nov 2018 3:14

Tgt Ion: 82 Resp: 479571

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



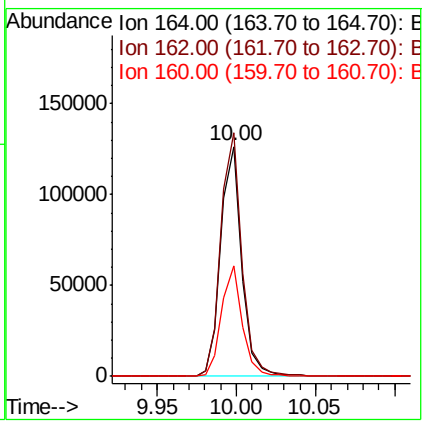


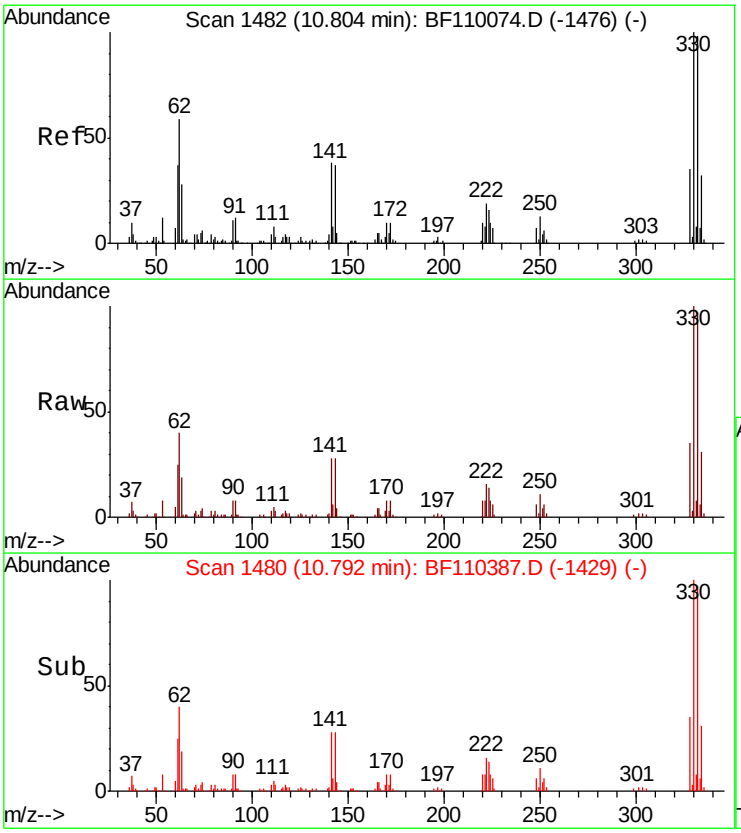
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110387.D
Acq: 2 Nov 2018 3:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 116133

Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.0	124.6
160	47.9	37.0	55.6

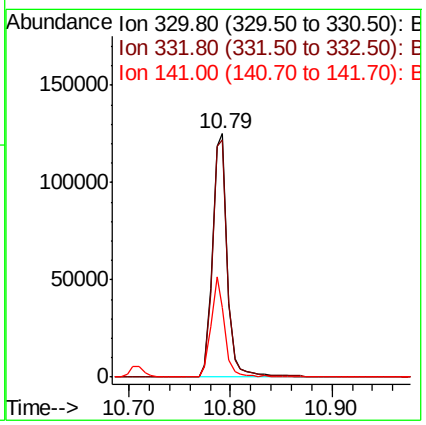


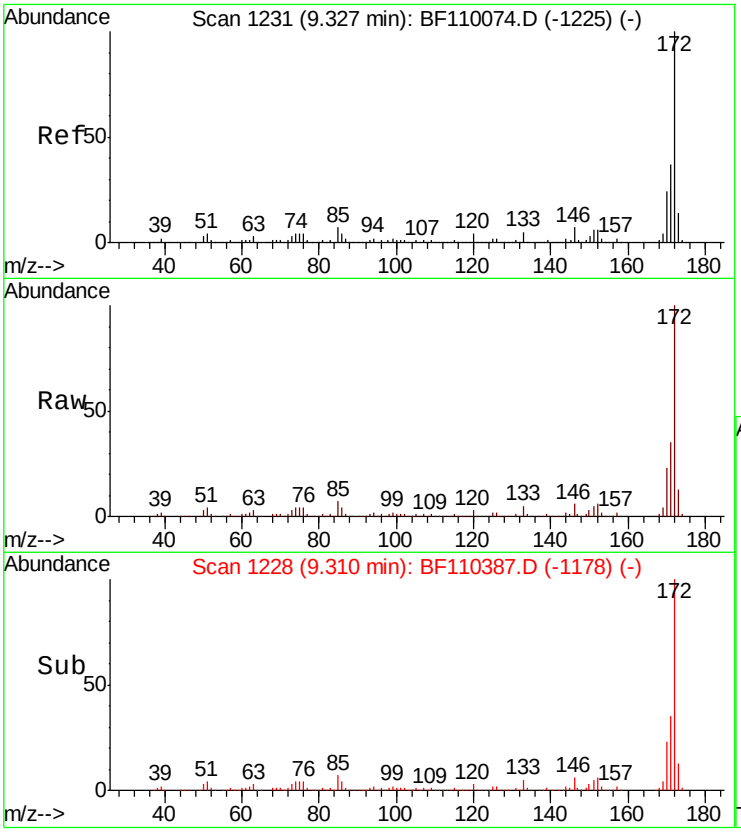


#42
2,4,6-Tribromophenol
Concen: 110.860 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF110387.D
Acq: 2 Nov 2018 3:14

Tgt Ion:330 Resp: 127531

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.1	115.7
141	37.3	27.0	40.4



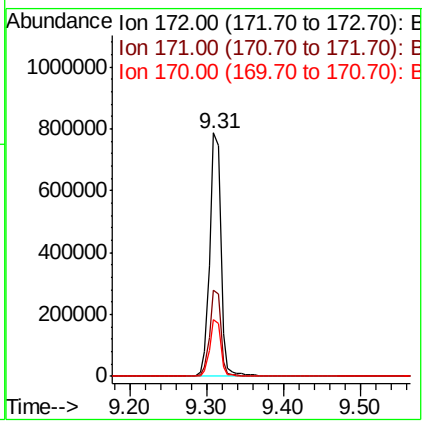


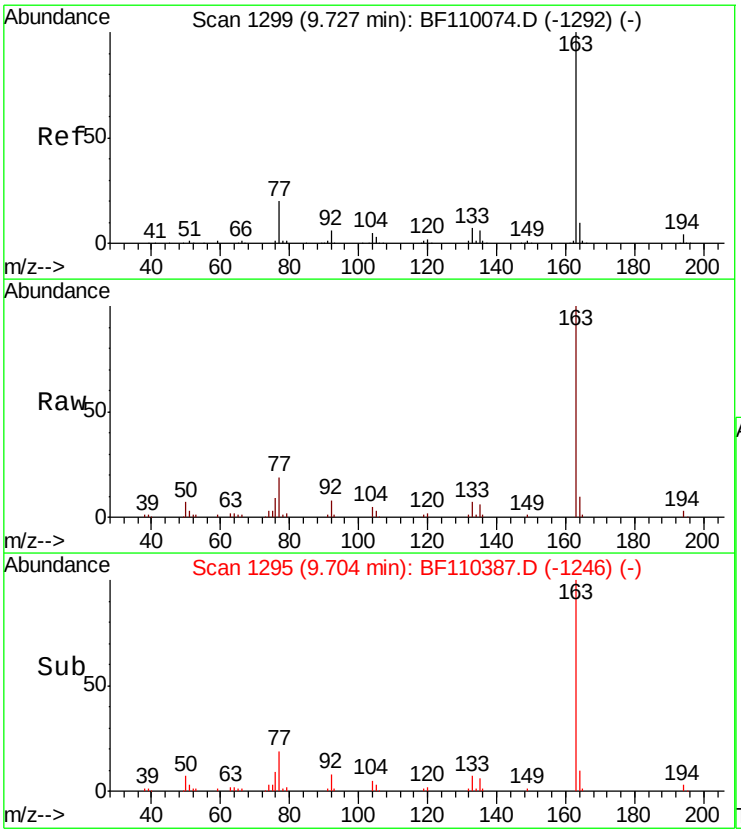
#45
2-Fluorobiphenyl
Concen: 106.194 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110387.D
Acq: 2 Nov 2018 3:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 785387

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.3	19.7	29.5

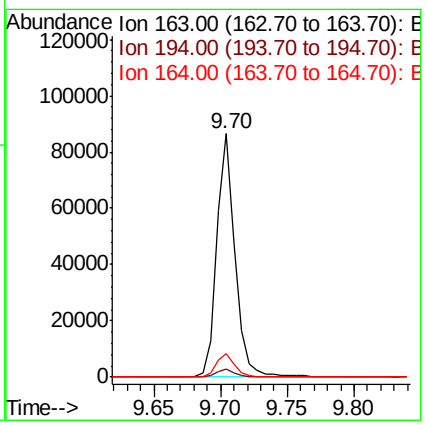


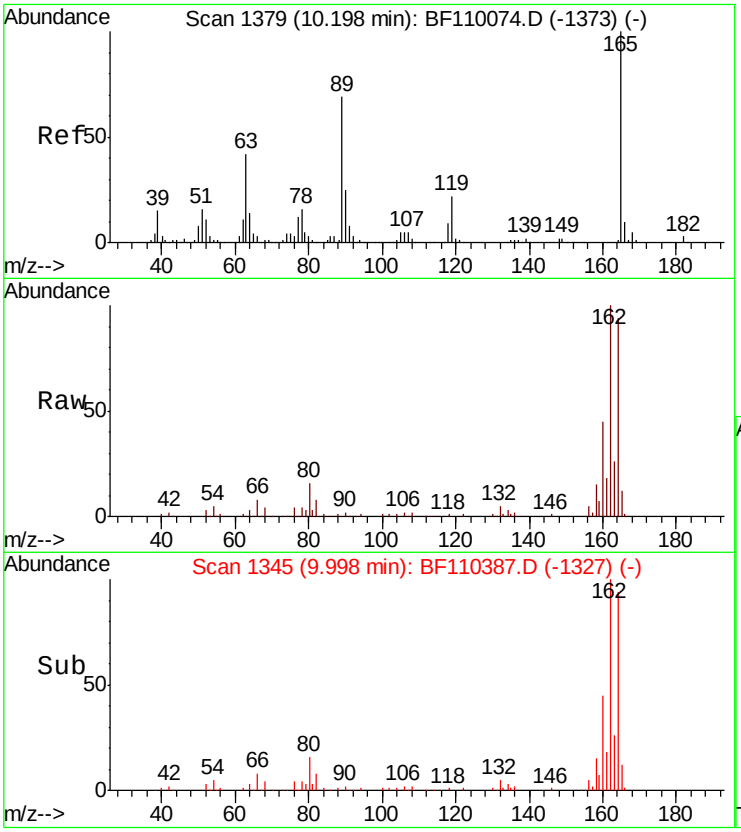


#50
Dimethylphthalate
Concen: 9.781 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110387.D
Acq: 2 Nov 2018 3:14

Tgt Ion:163 Resp: 83846

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.2	4.8
164	9.8	8.1	12.1



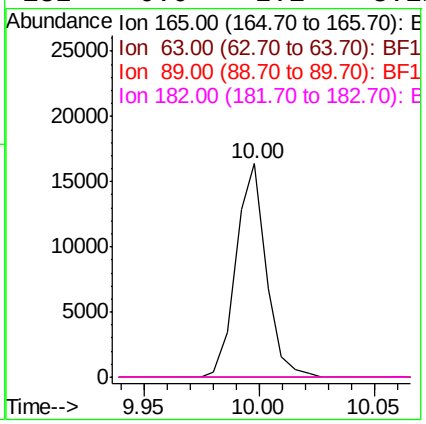


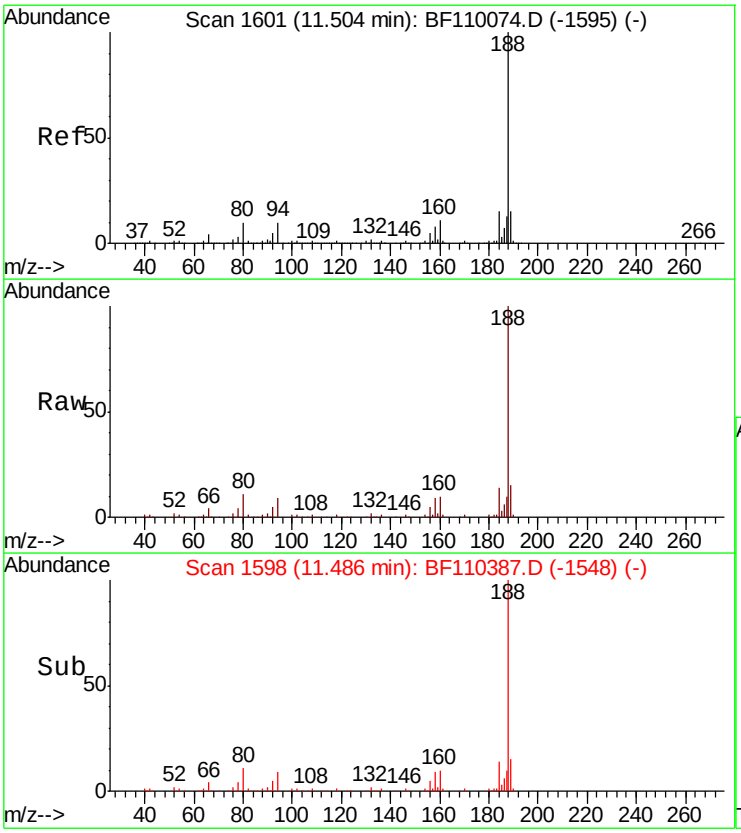
#57
2,4-Dinitrotoluene
Concen: 6.367 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110387.D
Acq: 2 Nov 2018 3:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 14933

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

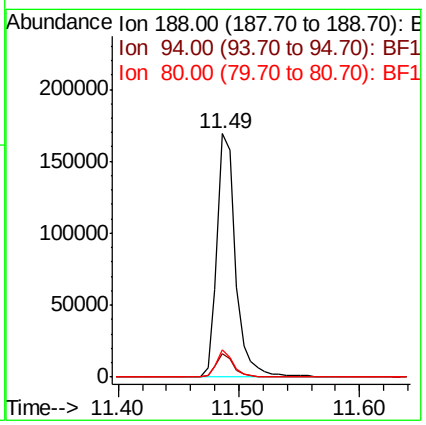


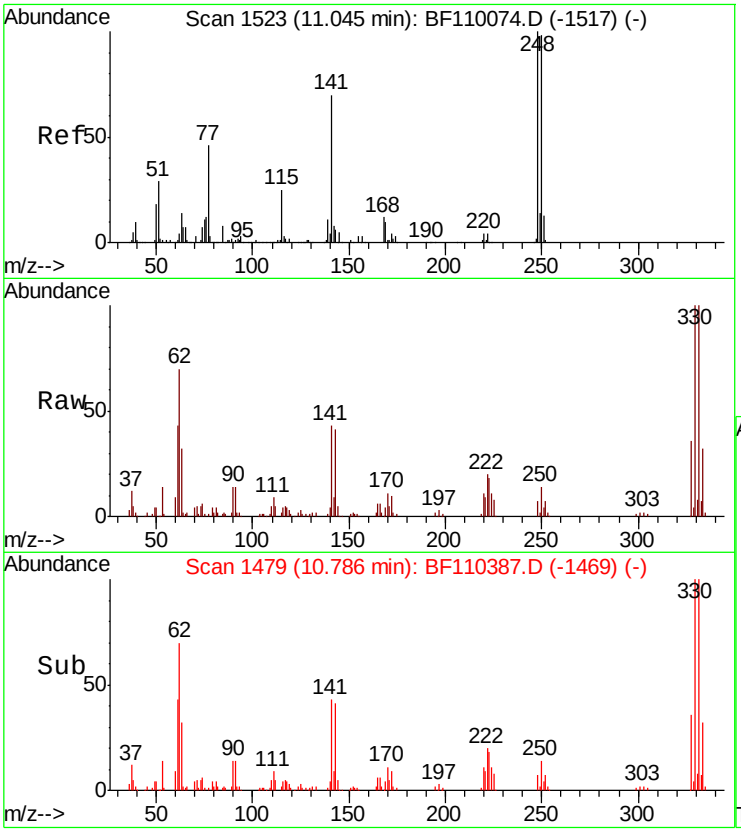


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110387.D
Acq: 2 Nov 2018 3:14

Tgt Ion:188 Resp: 179516

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	11.0	7.9	11.9



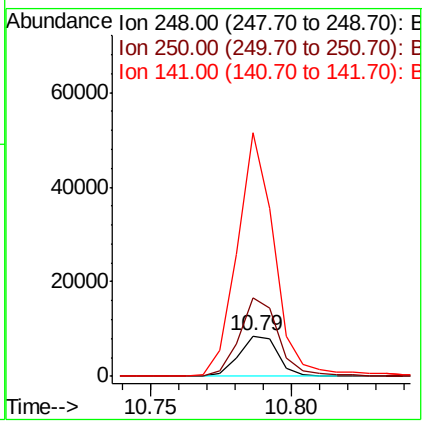


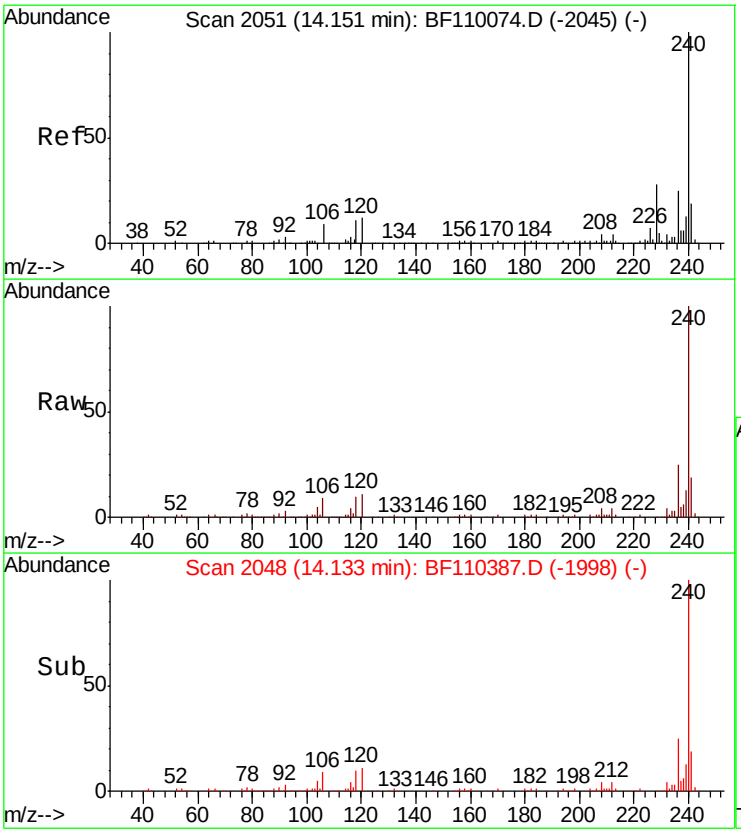
#67
4-Bromophenyl-phenylether
Concen: 4.232 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110387.D
Acq: 2 Nov 2018 3:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8241

Ion	Ratio	Lower	Upper
248	100		
250	195.0	79.4	119.2#
141	604.6	55.9	83.9#

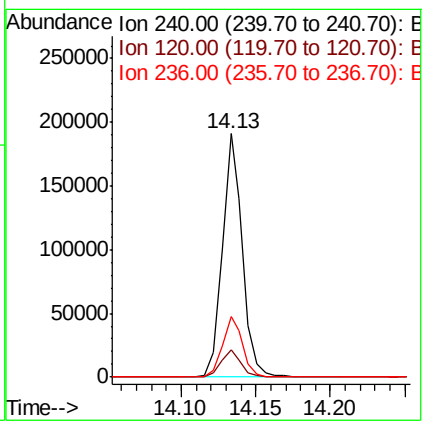


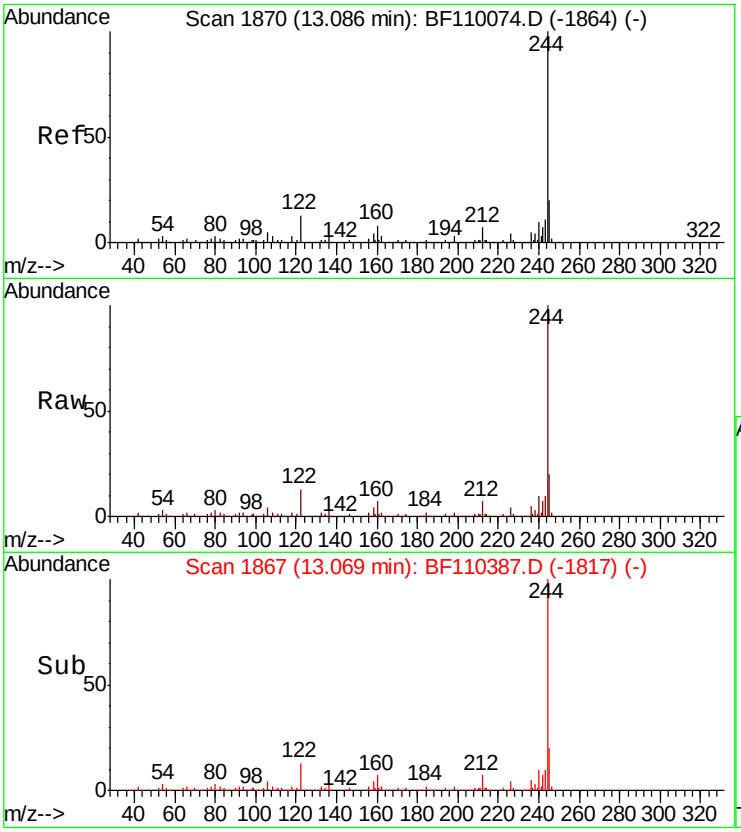


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110387.D
Acq: 2 Nov 2018 3:14

Tgt Ion:240 Resp: 180212

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	24.9	21.2	31.8



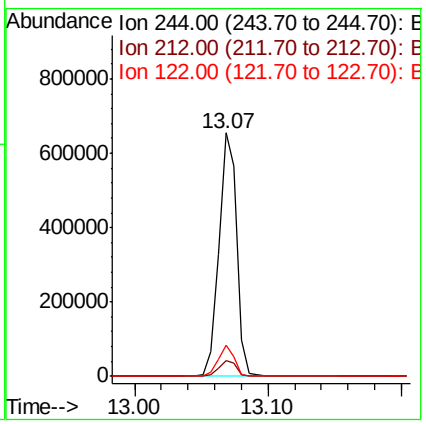


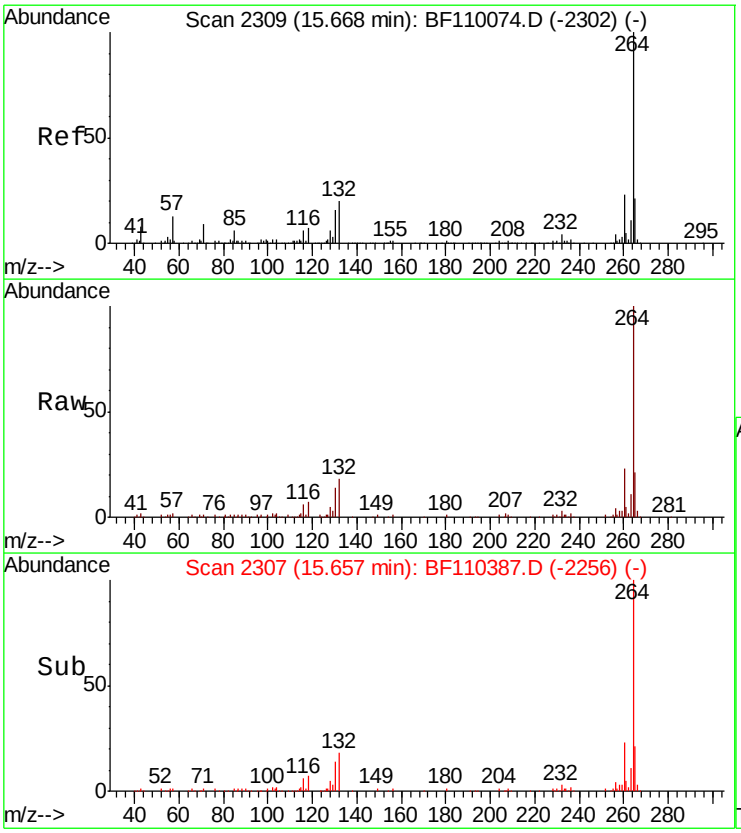
#79
Terphenyl-d14
Concen: 70.701 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110387.D
Acq: 2 Nov 2018 3:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 612642

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	13.0	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110387.D
Acq: 2 Nov 2018 3:14

Tgt Ion:264 Resp: 146324

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.4	16.7	25.1