Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110357.D
Acq On : 1 Nov 2018 3:19
Operator : JU/SJ
Sample : J5731-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 01 04:55:24 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	6.97	152	68701	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	238155	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	93410	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	168091	20.00	ng		0.00
76) Chrysene-d12	14.16	240	176808	20.00	ng		0.00
87) Perylene-d12	15.70	264	108246	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	178076	42.21	ng		0.00
7) Phenol-d6	6.59	99	129928	24.08	ng		-0.02
23) Nitrobenzene-d5	7.53	82	399851	99.58	ng		0.00
42) 2,4,6-Tribromophenol	10.81	330	77844	84.13	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	687780	115.62	ng		0.00
79) Terphenyl-d14	13.09	244	659924	77.62	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.60	94	32278	5.596	ng	#	63
19) n-Nitroso-di-n-propylamine	7.53	70	51772	14.955	ng	#	82
25) Isophorone	7.53	82	399848	58.420	ng	#	67
50) Dimethylphthalate	9.72	163	24256	3.518	ng		97
51) 2,6-Dinitrotoluene	10.02	165	11302	7.609	ng	#	21
57) 2,4-Dinitrotoluene	10.02	165	11302	5.991	ng	#	17
67) 4-Bromophenyl-phenylether	10.81	248	4533	2.486	ng	#	1

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

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Acq On : 1 Nov 2018 3:19
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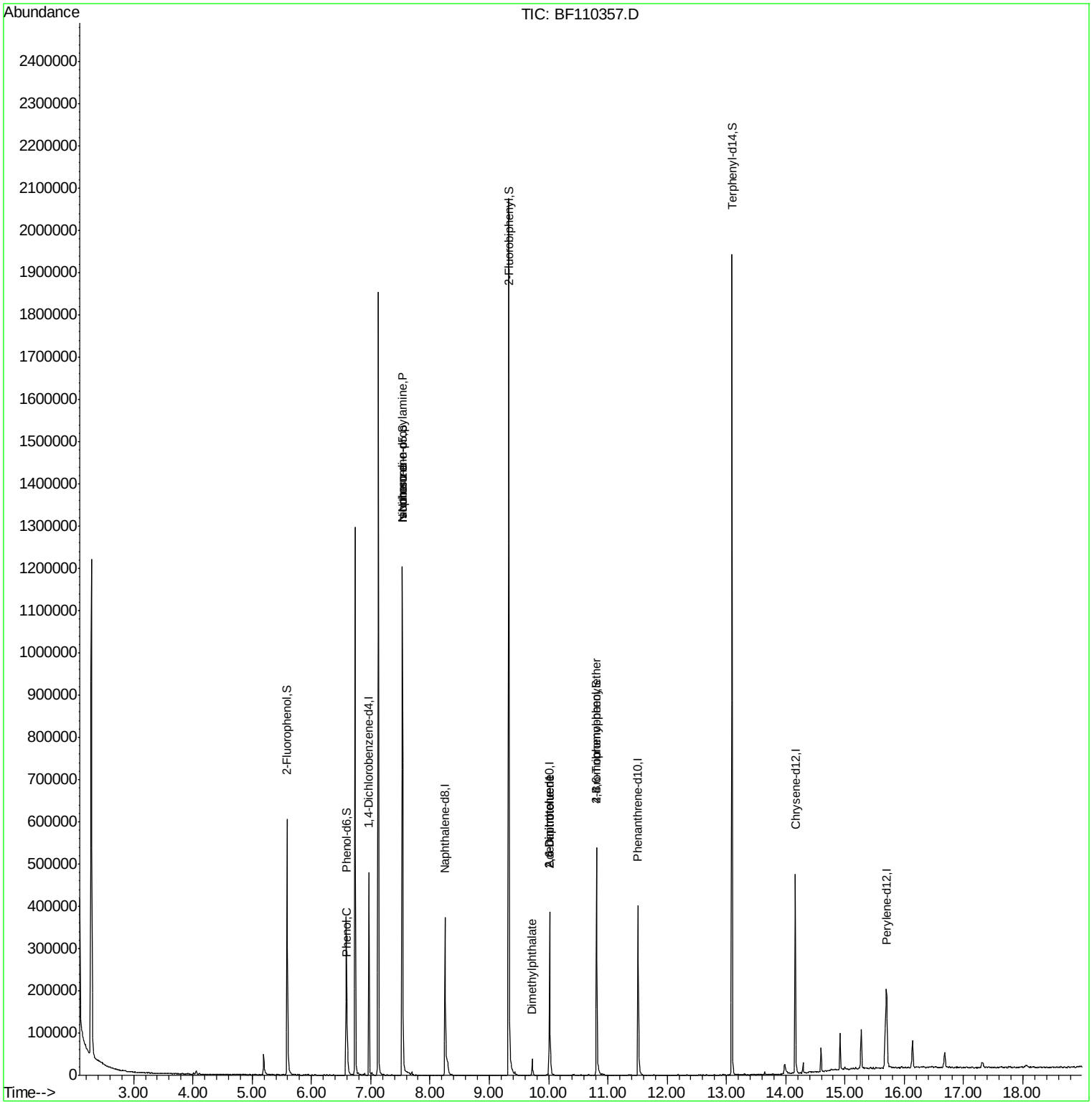
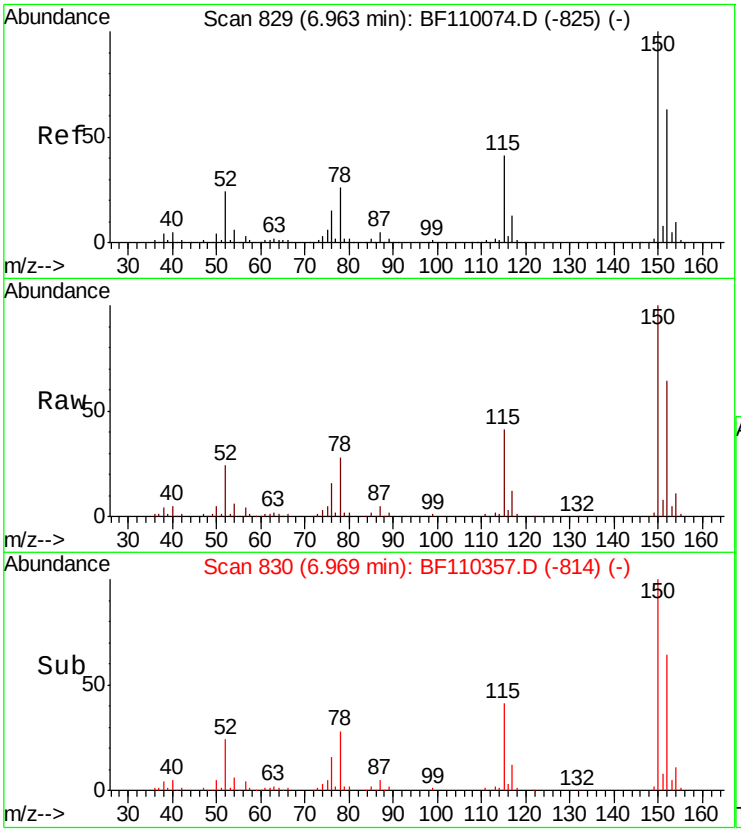
Sample : J5731-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 01 04:55:24 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



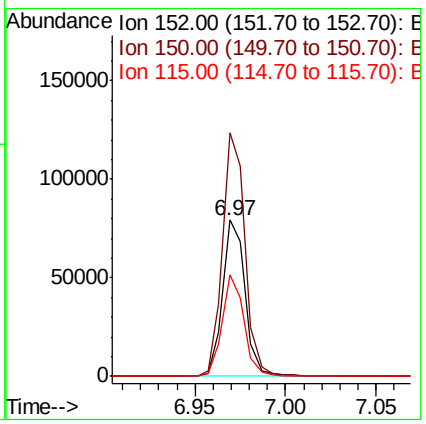


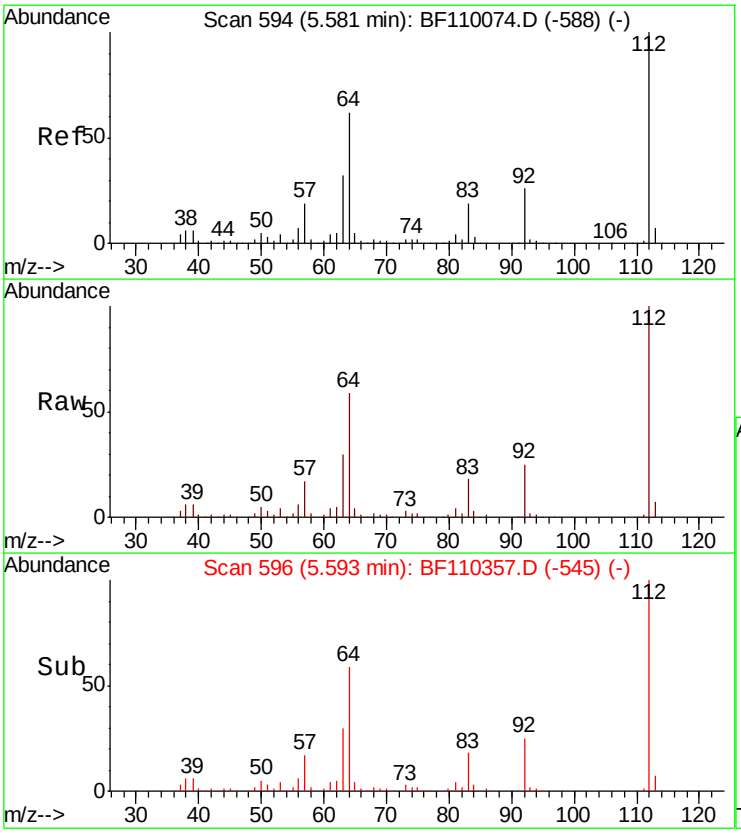
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110357.D
Acq: 1 Nov 2018 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 68701

Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.7	184.1
115	64.6	49.1	73.7

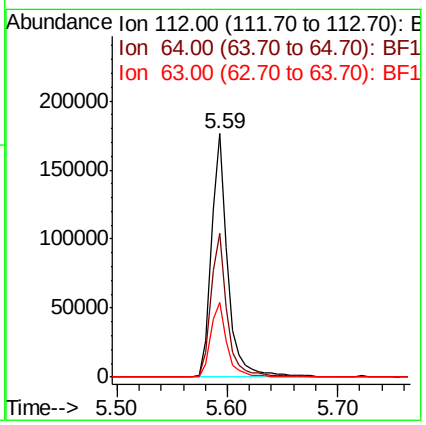


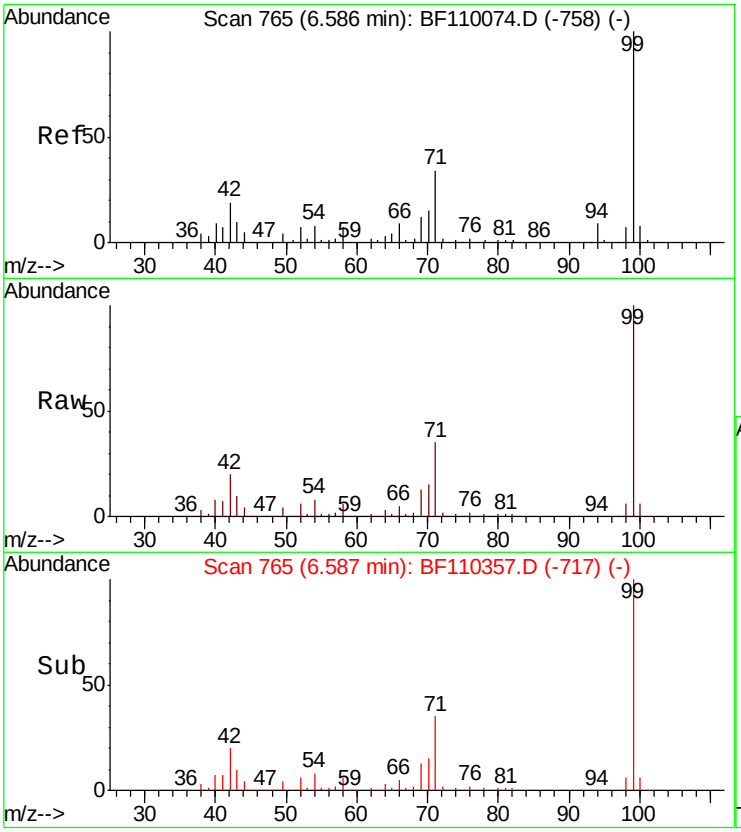


#5
2-Fluorophenol
Concen: 42.210 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF110357.D
Acq: 1 Nov 2018 3:19

Tgt Ion:112 Resp: 178076

Ion	Ratio	Lower	Upper
112	100		
64	59.0	44.1	66.1
63	30.5	23.7	35.5



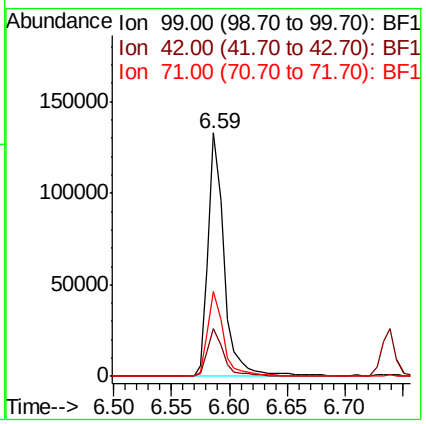


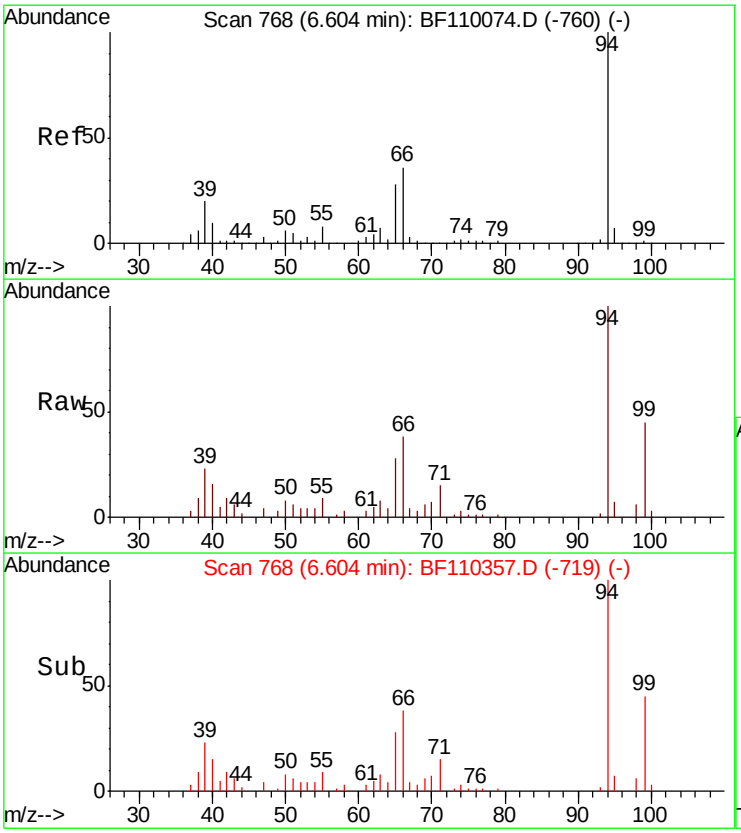
#7
Phenol-d6
Concen: 24.078 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF110357.D
Acq: 1 Nov 2018 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 129928

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.8	23.6
71	34.9	28.0	42.0

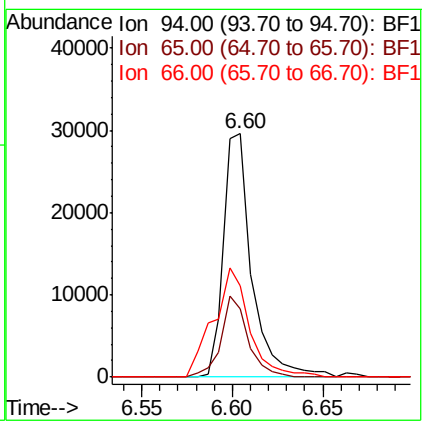


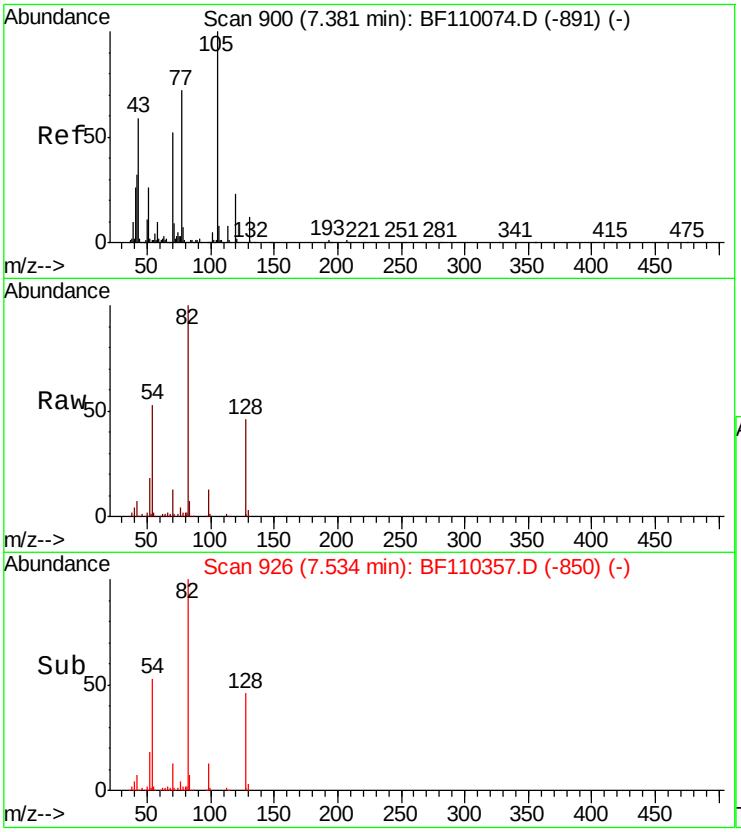


#10
Phenol
Concen: 5.596 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF110357.D
Acq: 1 Nov 2018 3:19

Tgt Ion: 94 Resp: 32278

Ion	Ratio	Lower	Upper
94	100		
65	27.9	25.3	65.3
66	37.6	54.5	94.5#



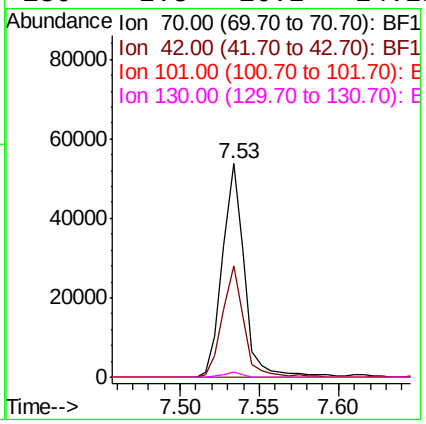


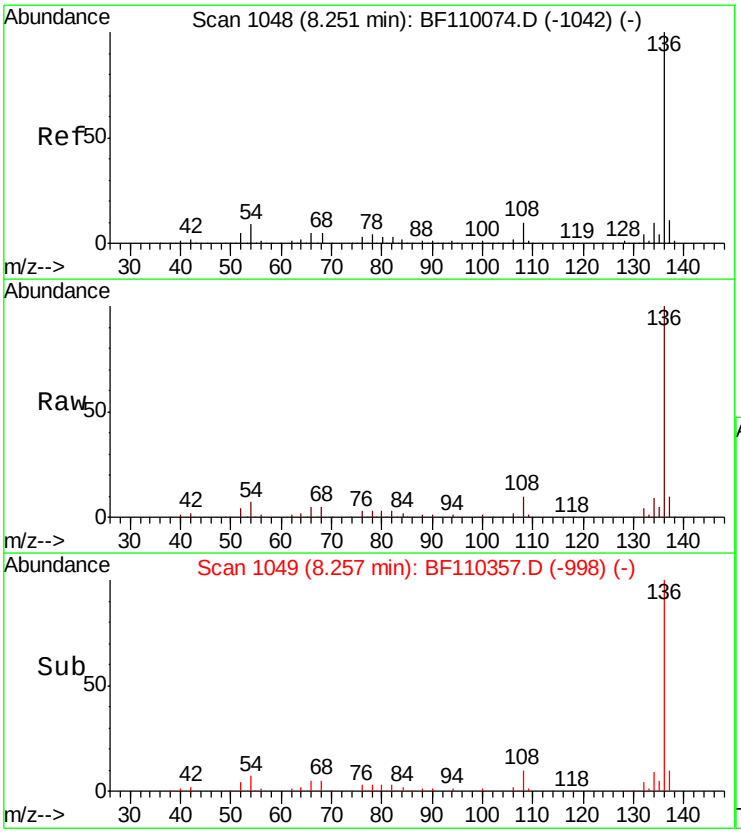
#19
n-Nitroso-di-n-propylamine
Concen: 14.955 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF110357.D
Acq: 1 Nov 2018 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 51772

Ion	Ratio	Lower	Upper
70	100		
42	51.9	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#

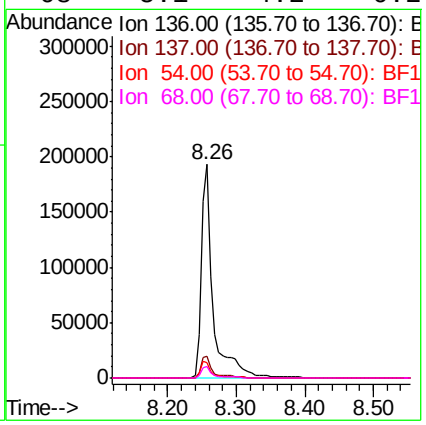


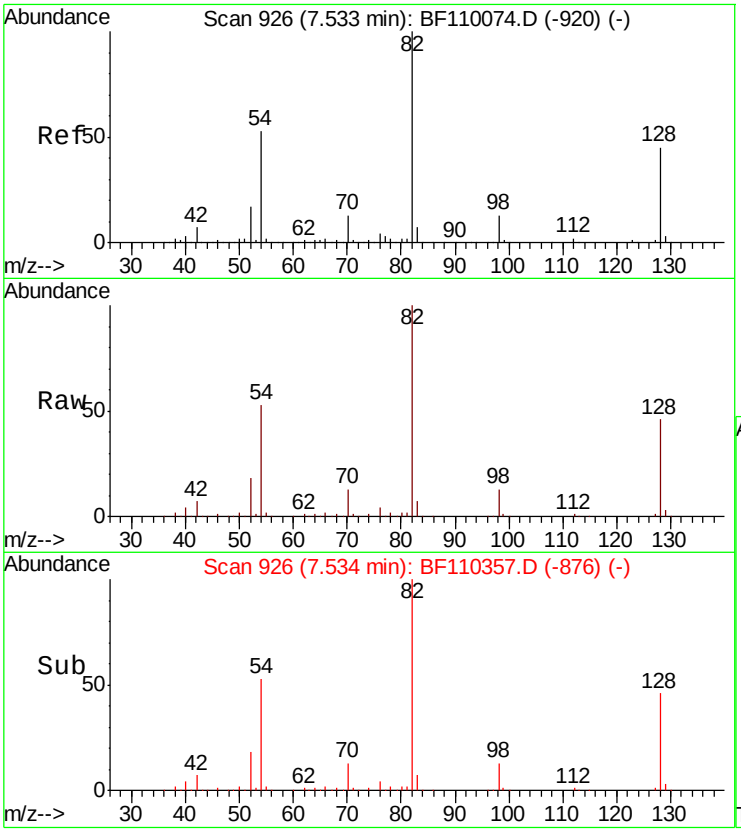


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF110357.D
Acq: 1 Nov 2018 3:19

Tgt Ion:136 Resp: 238155

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	7.3	5.4	8.2
68	5.1	4.2	6.2



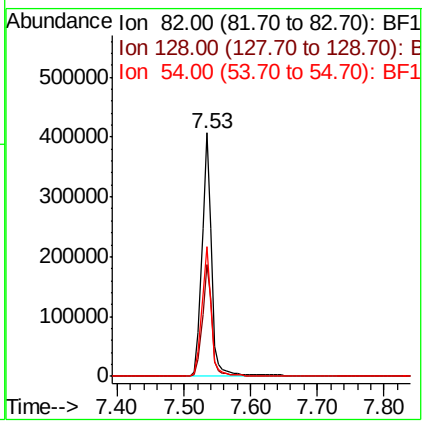


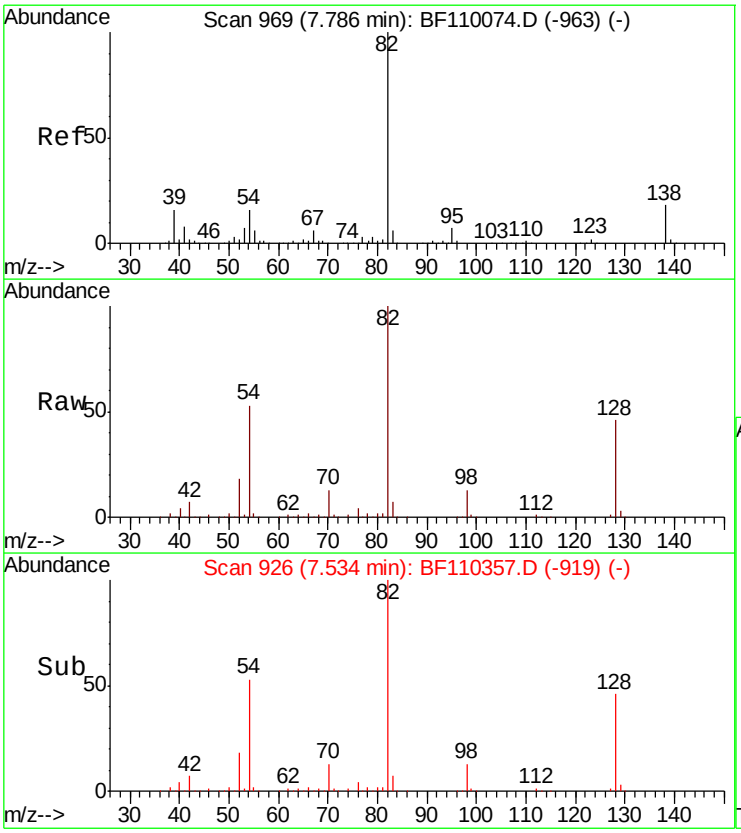
#23
Nitrobenzene-d5
Concen: 99.584 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF110357.D
Acq: 1 Nov 2018 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 399851

Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.2	51.2
54	53.1	38.6	58.0

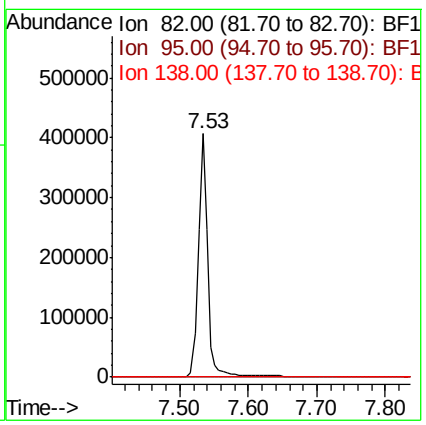


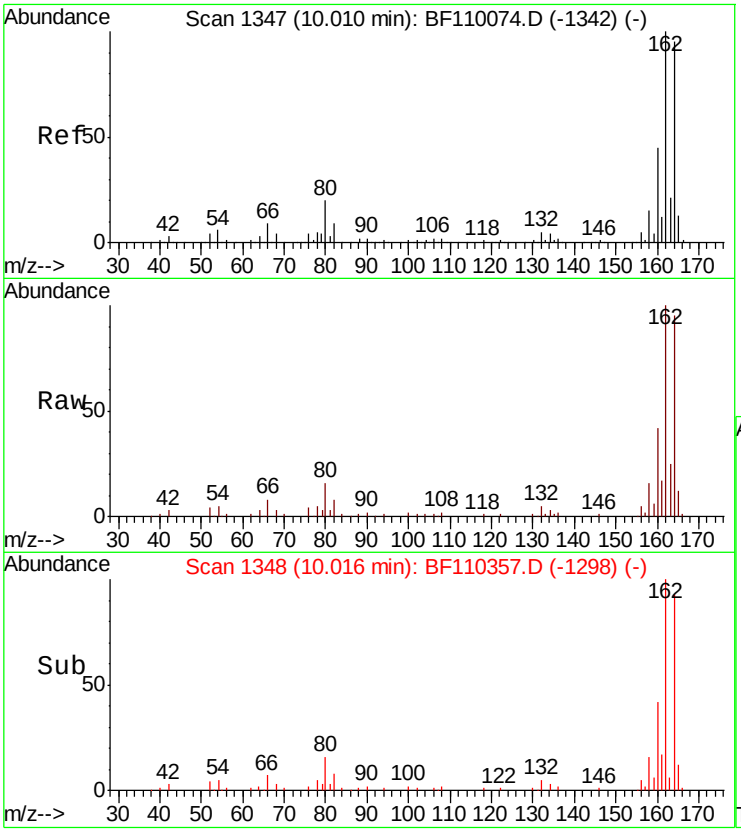


#25
Isophorone
Concen: 58.420 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.26 min
Lab File: BF110357.D
Acq: 1 Nov 2018 3:19

Tgt Ion: 82 Resp: 399848

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



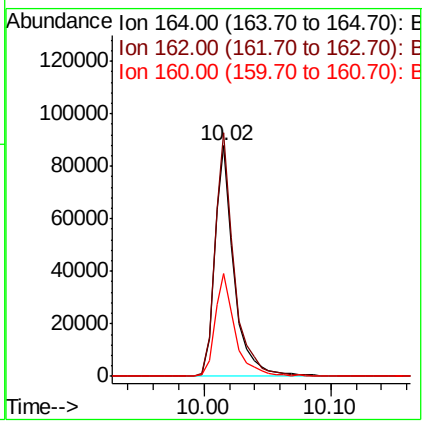


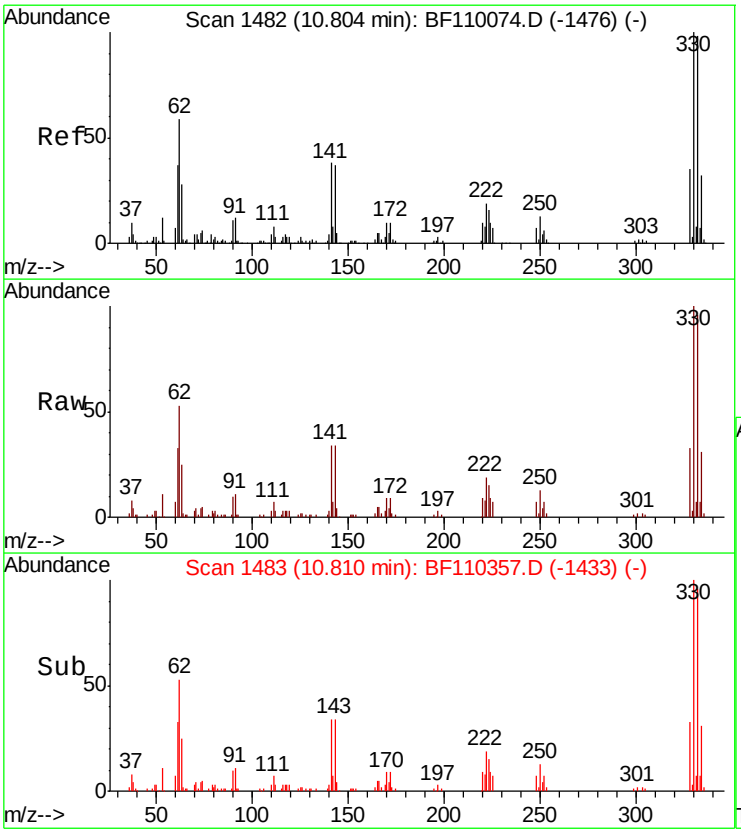
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110357.D
Acq: 1 Nov 2018 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 93410

Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.0	124.6
160	44.5	37.0	55.6

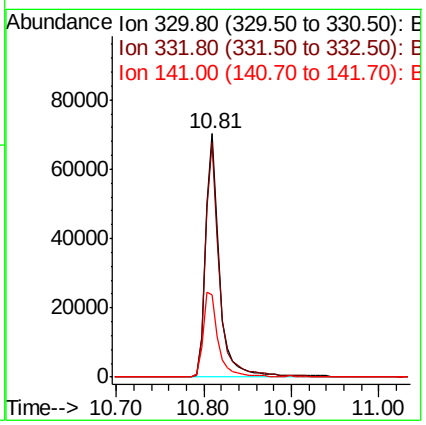


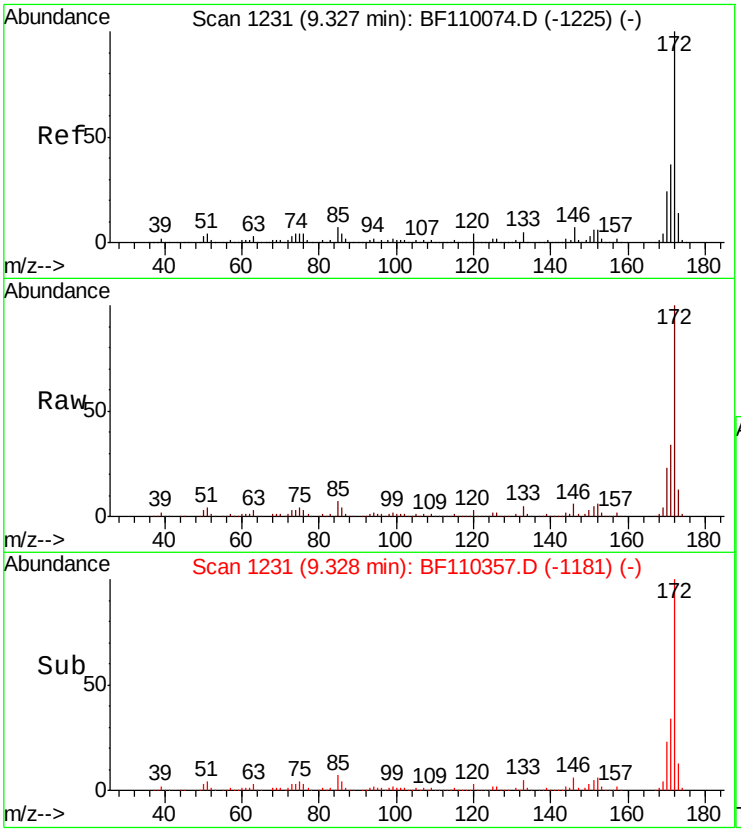


#42
2,4,6-Tribromophenol
Concen: 84.129 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF110357.D
Acq: 1 Nov 2018 3:19

Tgt Ion:330 Resp: 77844

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.1	115.7
141	37.7	27.0	40.4



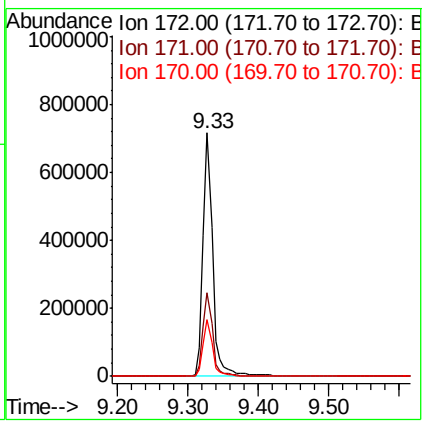


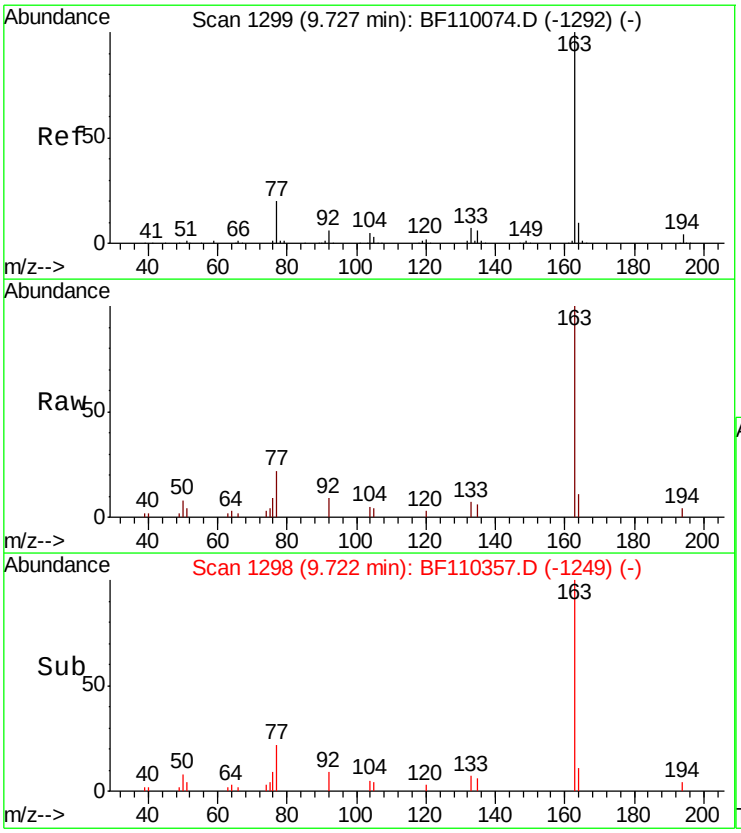
#45
2-Fluorobiphenyl
Concen: 115.618 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110357.D
Acq: 1 Nov 2018 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 687780

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	43.0
170	23.2	19.7	29.5

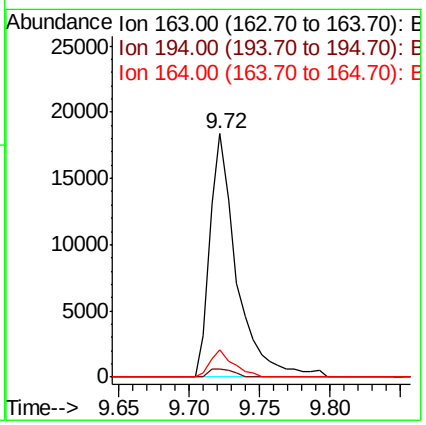


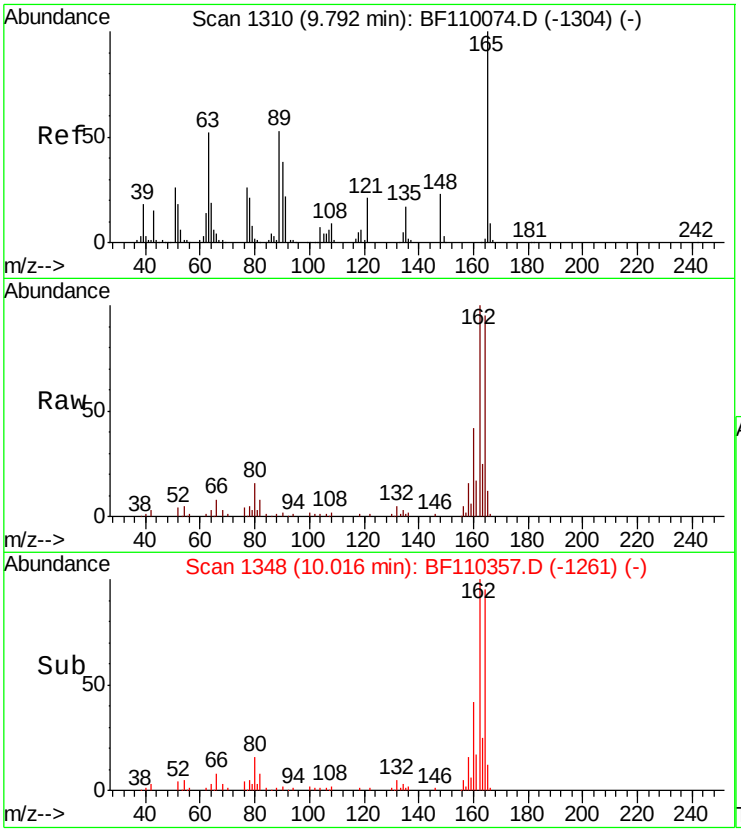


#50
Dimethylphthalate
Concen: 3.518 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF110357.D
Acq: 1 Nov 2018 3:19

Tgt Ion:163 Resp: 24256

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	11.2	8.1	12.1



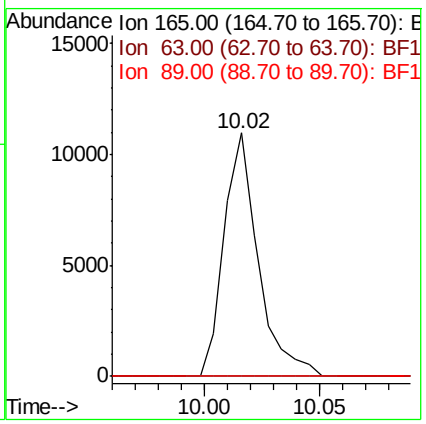


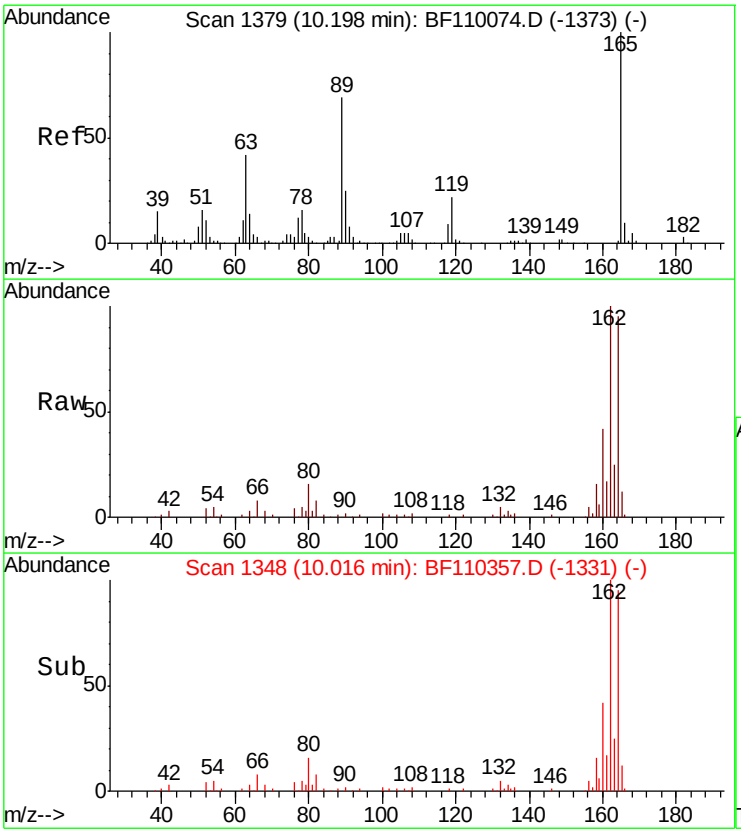
#51
2,6-Dinitrotoluene
Concen: 7.609 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.21 min
Lab File: BF110357.D
Acq: 1 Nov 2018 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 11302

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#

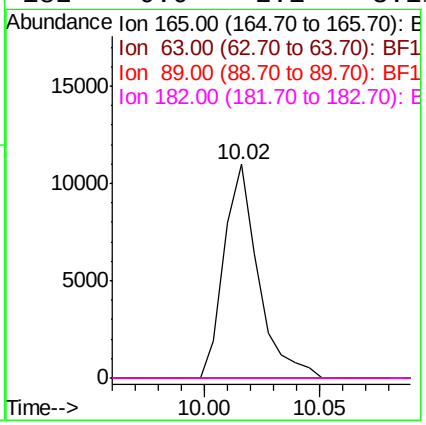


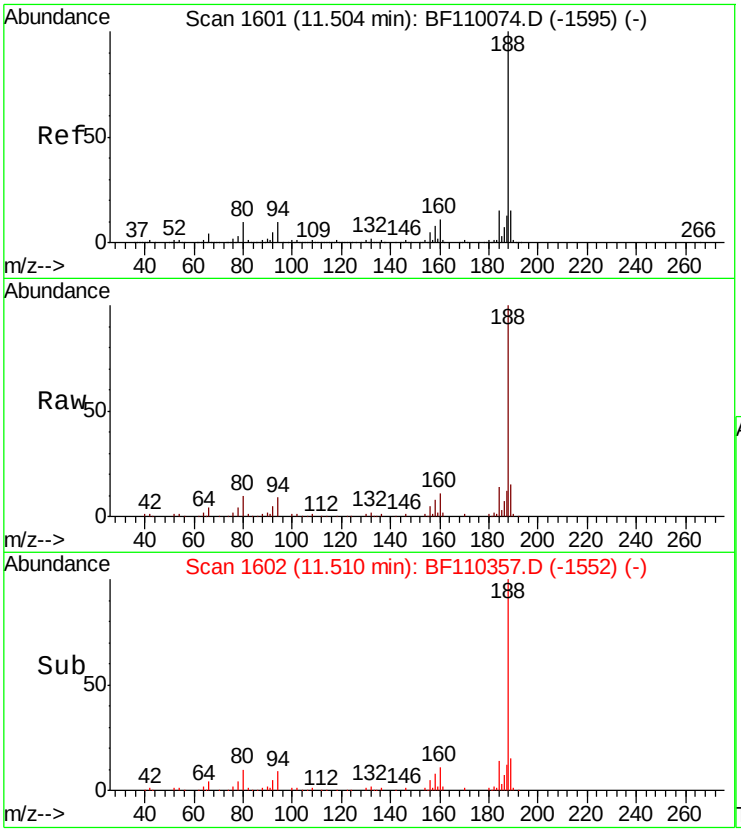


#57
2,4-Dinitrotoluene
Concen: 5.991 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.20 min
Lab File: BF110357.D
Acq: 1 Nov 2018 3:19

Tgt Ion:165 Resp: 11302

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#



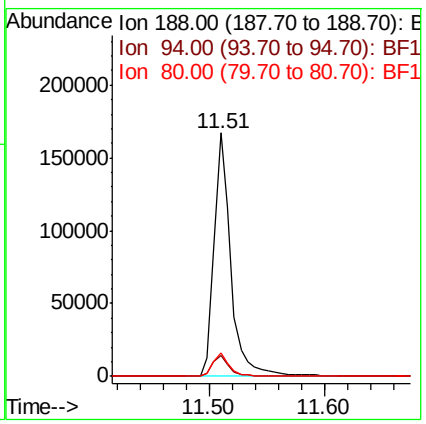


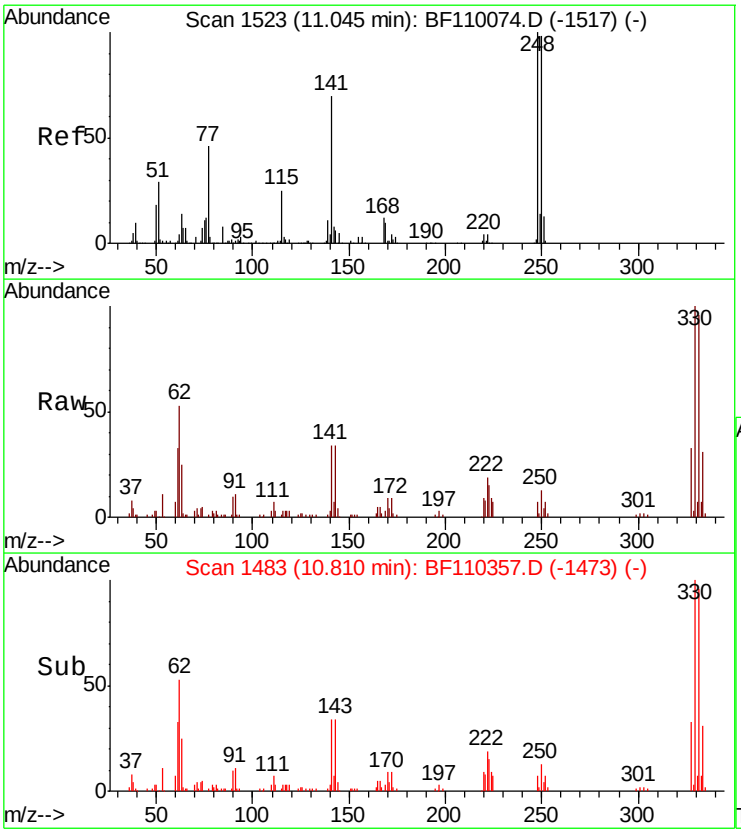
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110357.D
Acq: 1 Nov 2018 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 168091

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.6	7.9	11.9

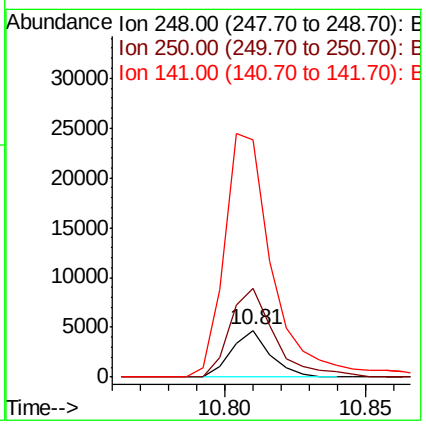


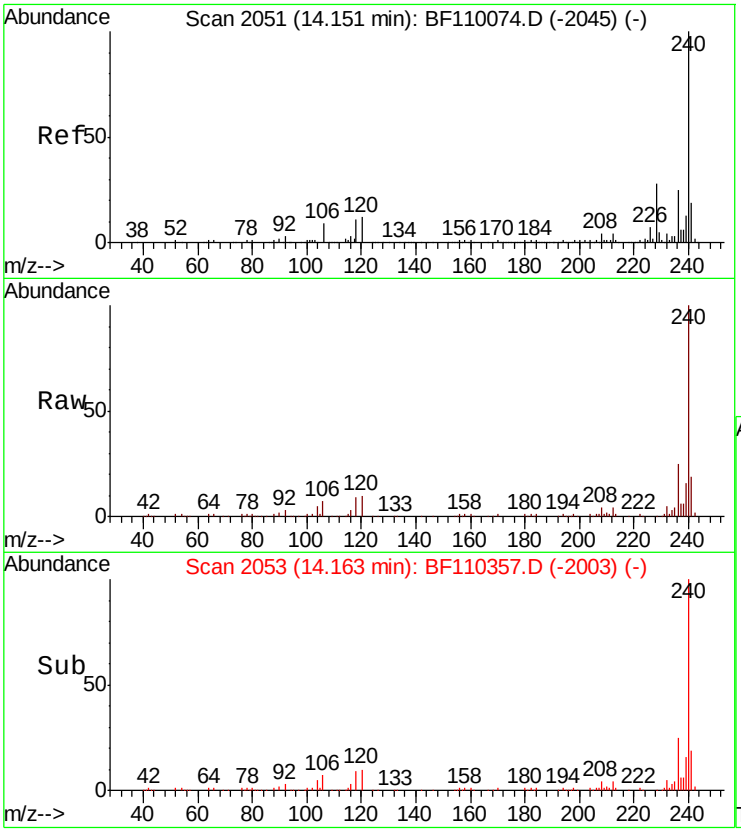


#67
4-Bromophenyl-phenylether
Concen: 2.486 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF110357.D
Acq: 1 Nov 2018 3:19

Tgt Ion:248 Resp: 4533

Ion	Ratio	Lower	Upper
248	100		
250	189.5	79.4	119.2#
141	506.8	55.9	83.9#



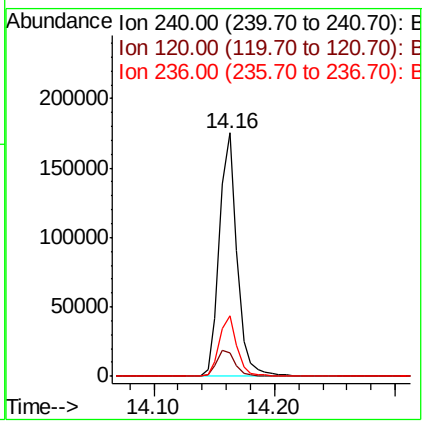


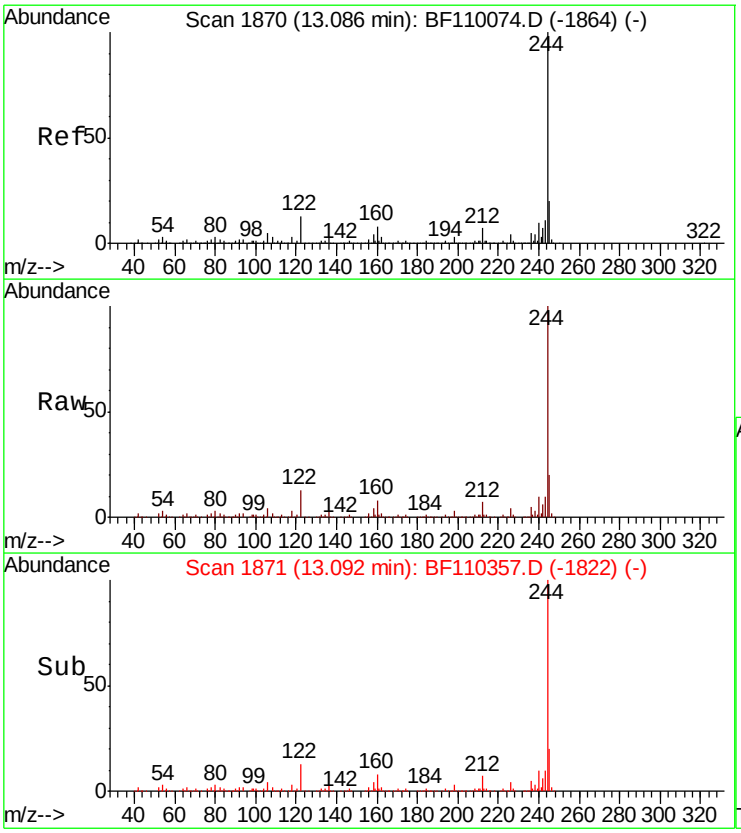
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110357.D
Acq: 1 Nov 2018 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 176808

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.3	12.5
236	25.1	21.2	31.8

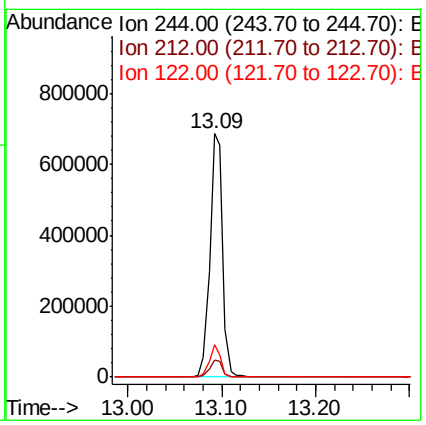


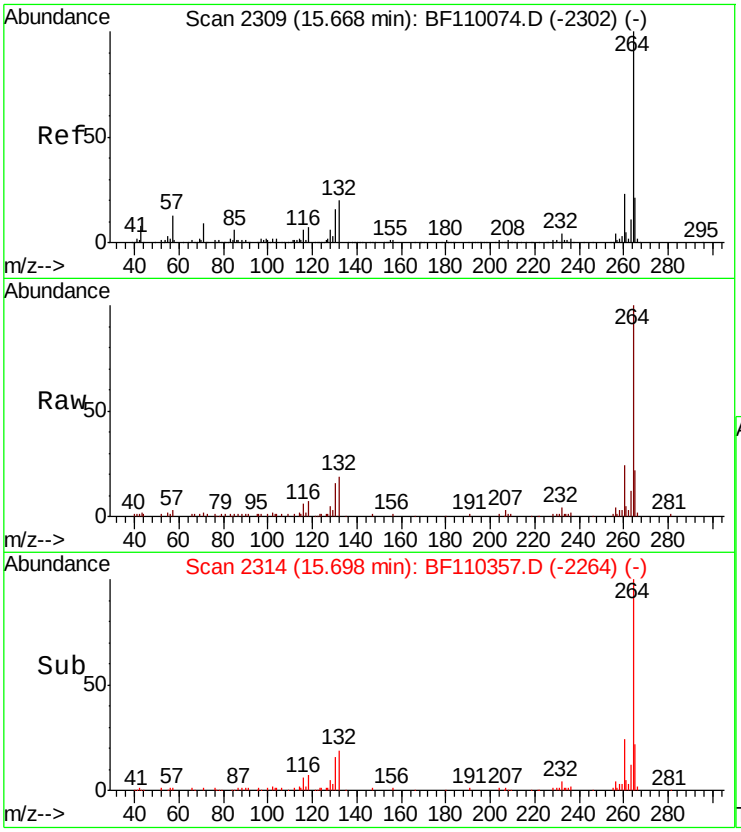


#79
Terphenyl-d14
Concen: 77.624 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF110357.D
Acq: 1 Nov 2018 3:19

Tgt Ion:244 Resp: 659924

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	13.3	8.7	13.1#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BF110357.D
Acq: 1 Nov 2018 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 108246

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.9	16.7	25.1