Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110929.D
Acq On : 21 Nov 2018 15:37
Operator : JU/SJ
Sample : J6000-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 21 17:16:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	66305	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	276503	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	126913	20.00	ng		-0.01
64) Phenanthrene-d10	11.48	188	211821	20.00	ng		0.00
76) Chrysene-d12	14.13	240	142500	20.00	ng		0.00
87) Perylene-d12	15.67	264	128619	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	408878	100.17	ng		0.00
7) Phenol-d6	6.57	99	506079	96.95	ng		0.00
23) Nitrobenzene-d5	7.51	82	329901	68.71	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	110629	86.51	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	606982	68.31	ng		0.00
79) Terphenyl-d14	13.06	244	435503	57.23	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	759	Below Cal		#	1
10) Phenol	6.58	94	17499	2.891	ng		80
19) n-Nitroso-di-n-propylamine	7.51	70	42845	12.858	ng	#	76
25) Isophorone	7.51	82	329901	41.922	ng	#	67
50) Dimethylphthalate	9.69	163	177331	18.726	ng		100
57) 2,4-Dinitrotoluene	9.98	165	17163	6.336	ng	#	17
67) 4-Bromophenyl-phenylether	10.78	248	6918	2.955	ng	#	1

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

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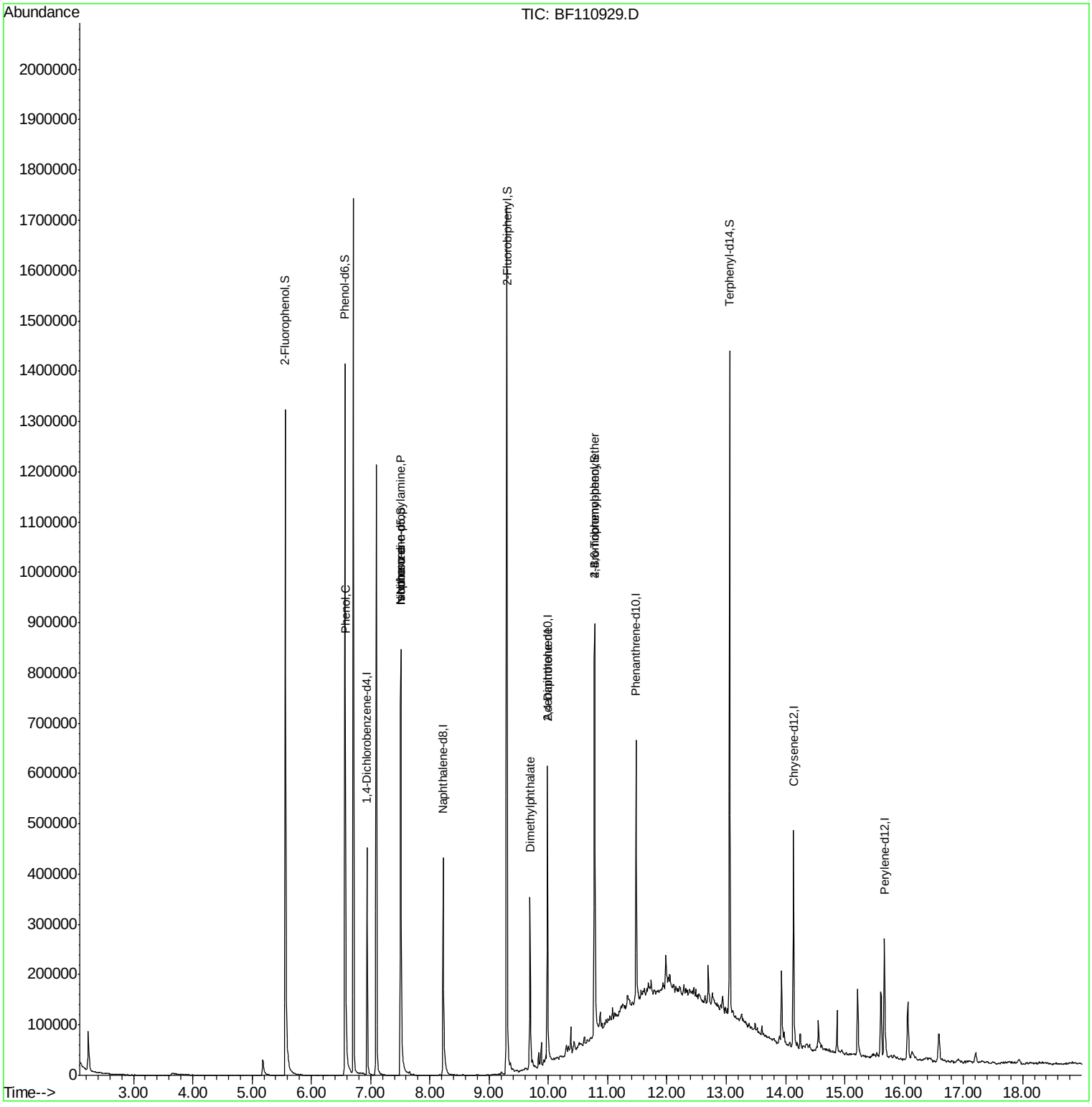
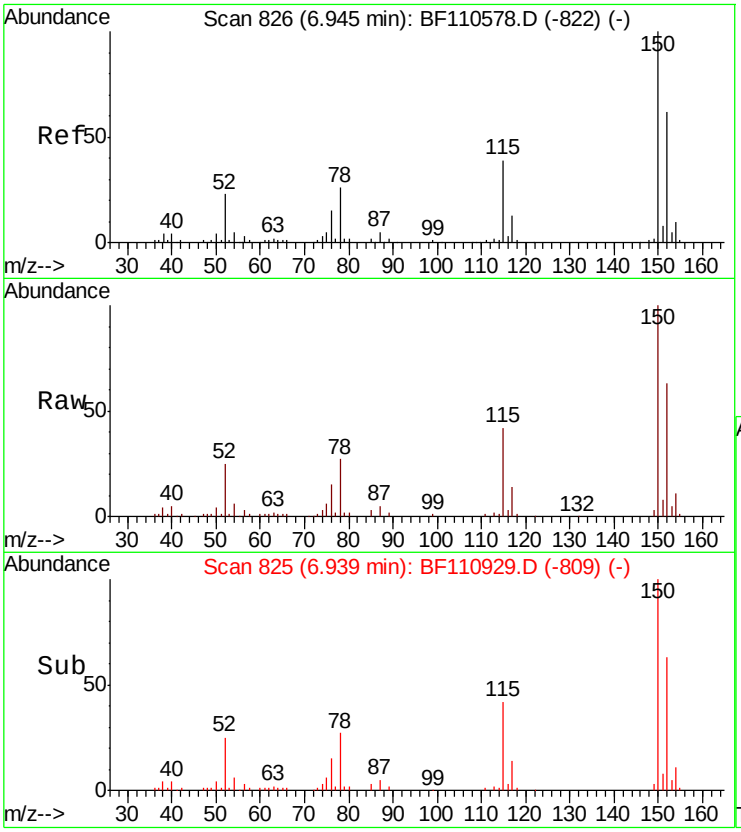
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration



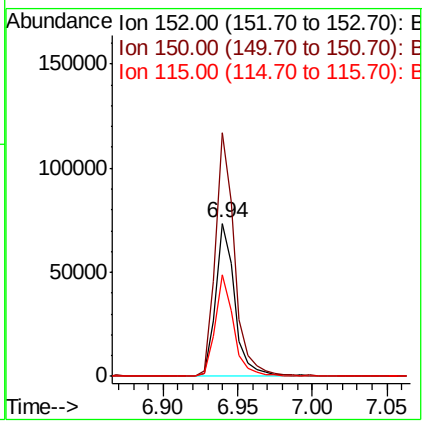


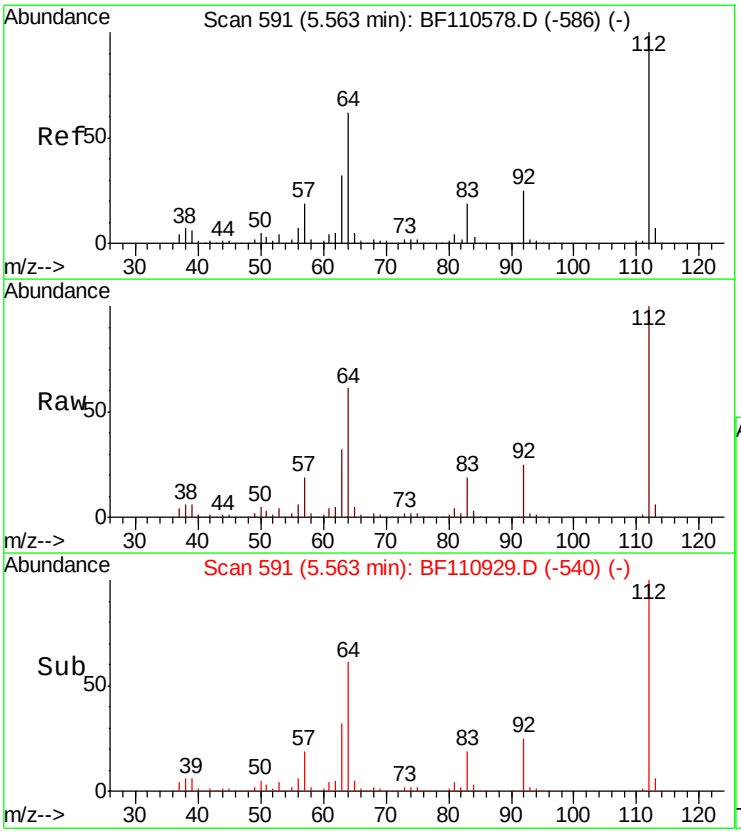
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 66305

Ion	Ratio	Lower	Upper
152	100		
150	159.0	122.7	184.1
115	66.7	49.1	73.7

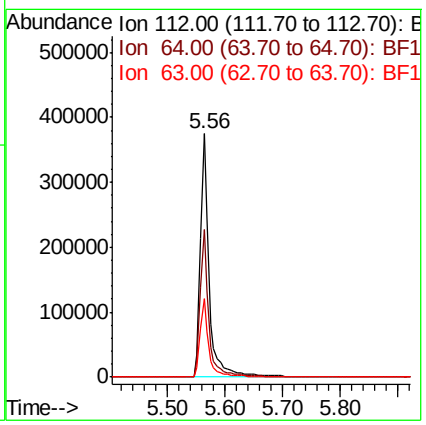


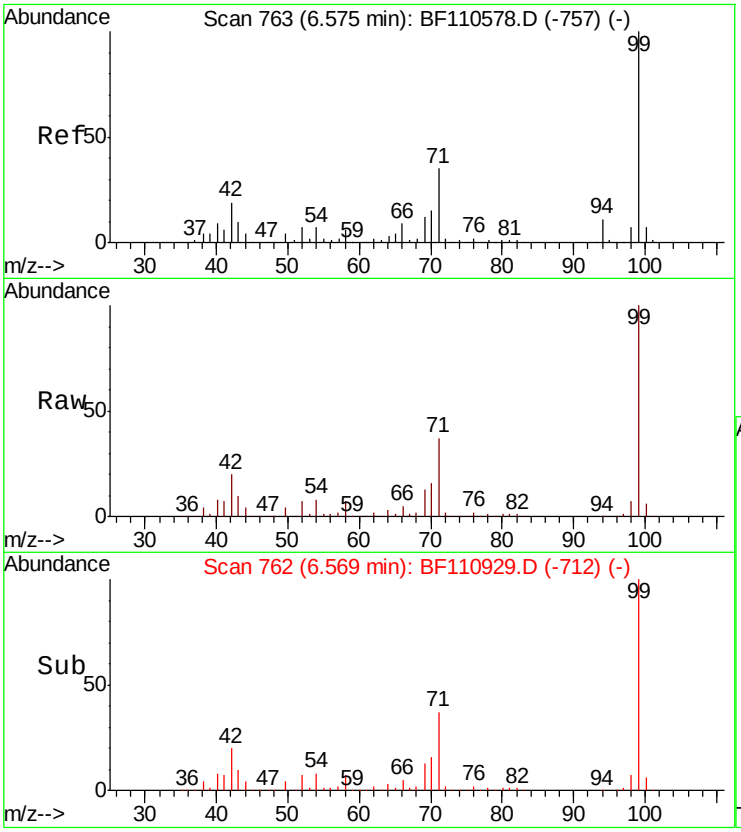


#5
2-Fluorophenol
Concen: 100.165 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Tgt Ion:112 Resp: 408878

Ion	Ratio	Lower	Upper
112	100		
64	60.6	44.1	66.1
63	32.5	23.7	35.5



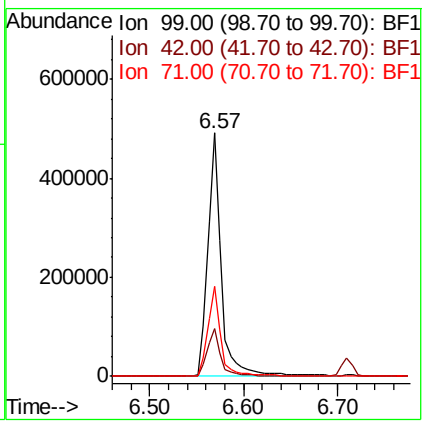


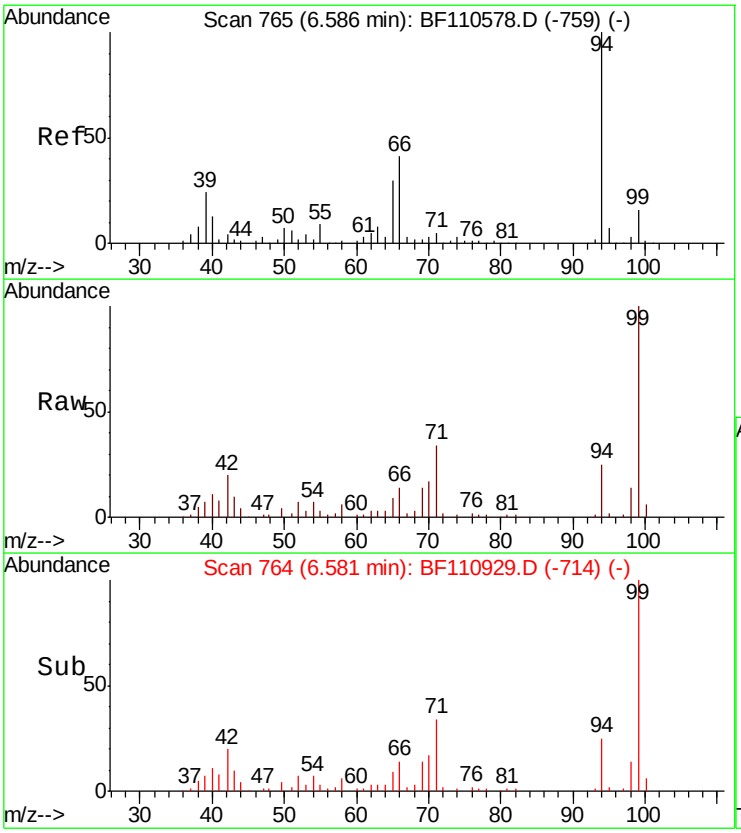
#7
Phenol-d6
Concen: 96.951 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 506079

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.8	23.6
71	36.8	28.0	42.0

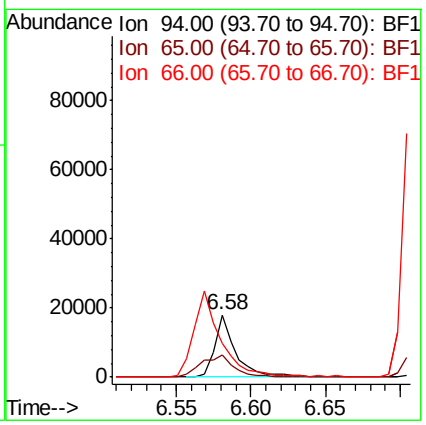


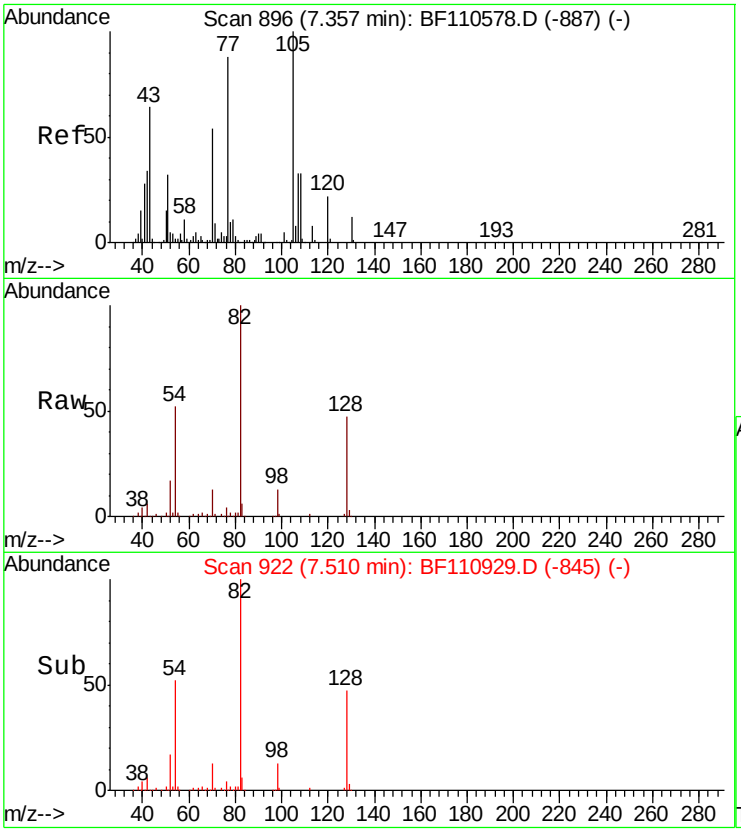


#10
Phenol
Concen: 2.891 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Tgt Ion: 94 Resp: 17499

Ion	Ratio	Lower	Upper
94	100		
65	34.9	25.3	65.3
66	55.0	54.5	94.5



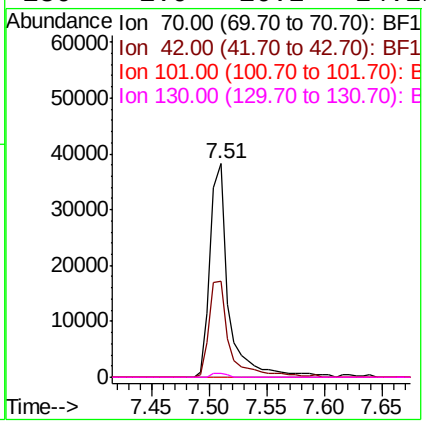


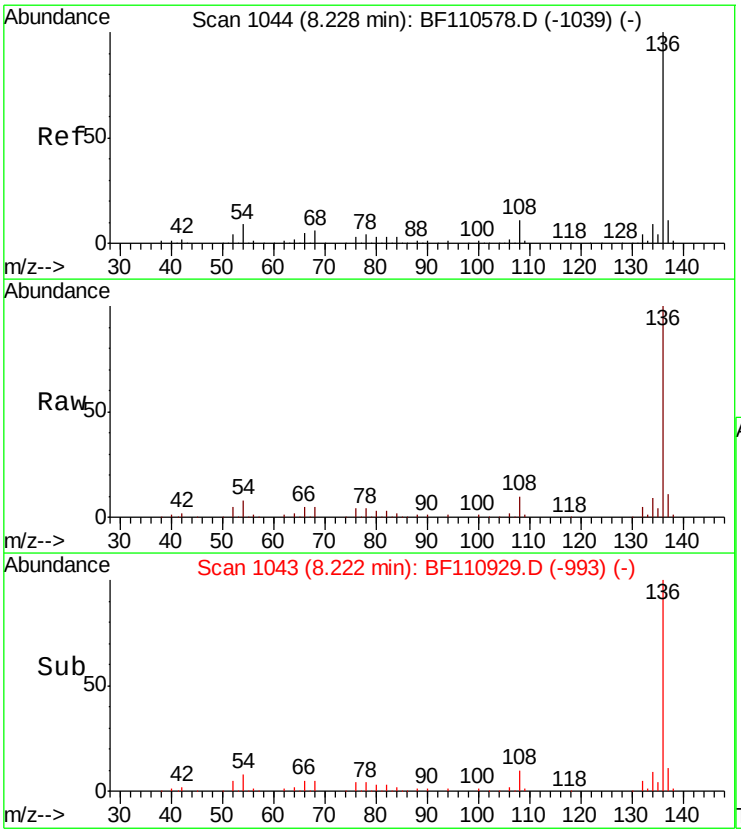
#19
n-Nitroso-di-n-propylamine
Concen: 12.858 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 42845

Ion	Ratio	Lower	Upper
70	100		
42	45.1	47.4	71.2#
101	0.0	7.3	10.9#
130	1.9	16.2	24.2#

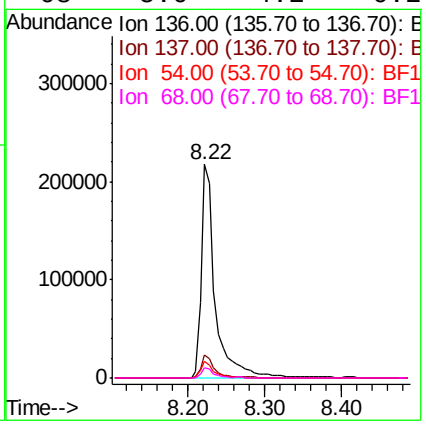


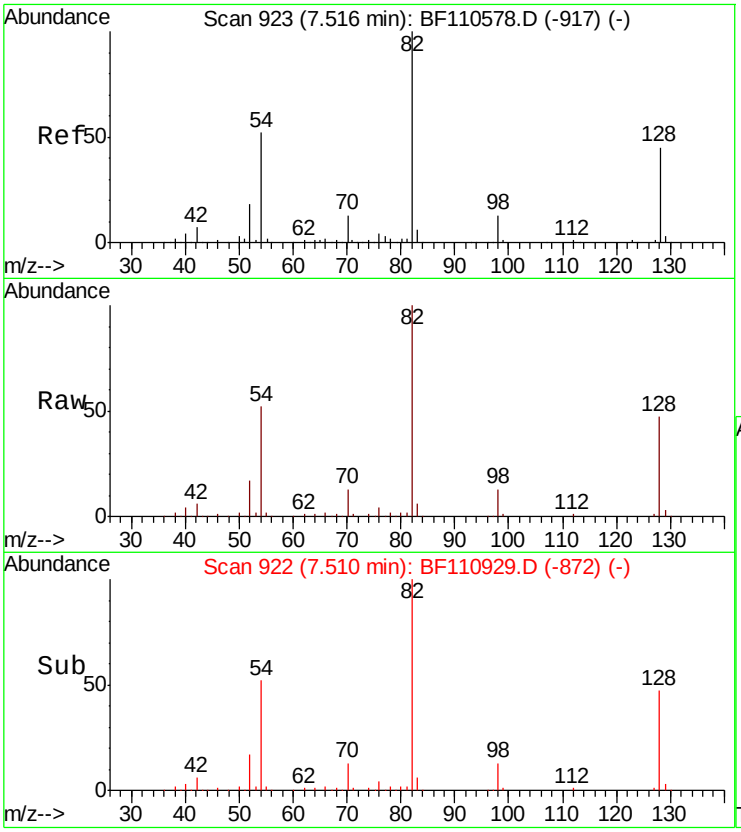


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Tgt Ion:136 Resp: 276503

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.1	5.4	8.2
68	5.0	4.2	6.2



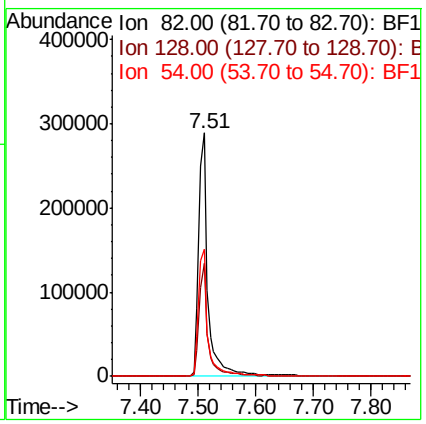


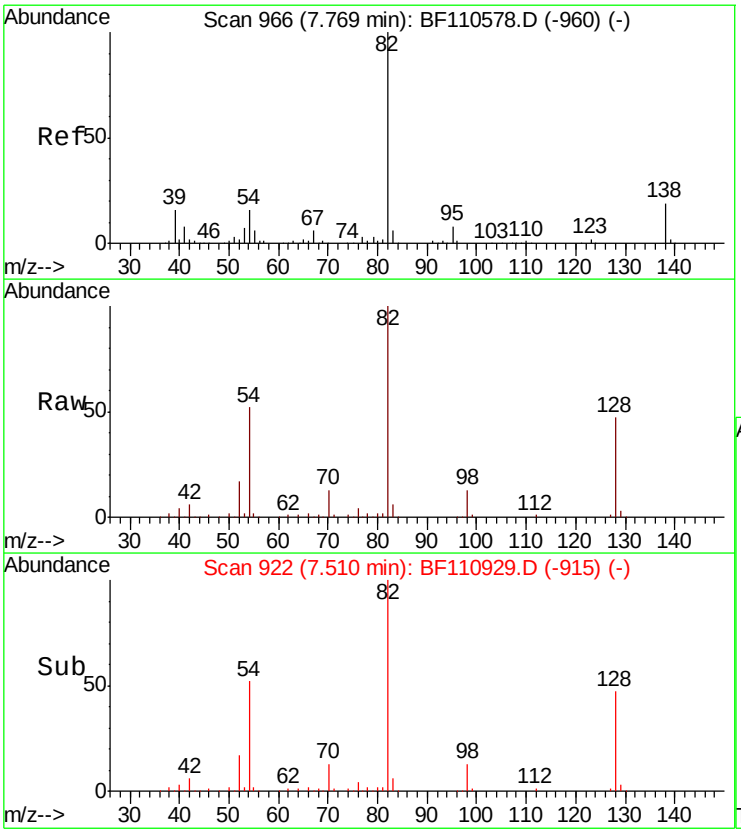
#23
Nitrobenzene-d5
Concen: 68.711 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 329901

Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.2	51.2
54	52.0	38.6	58.0

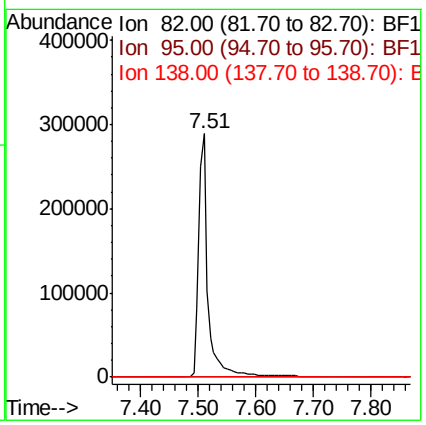


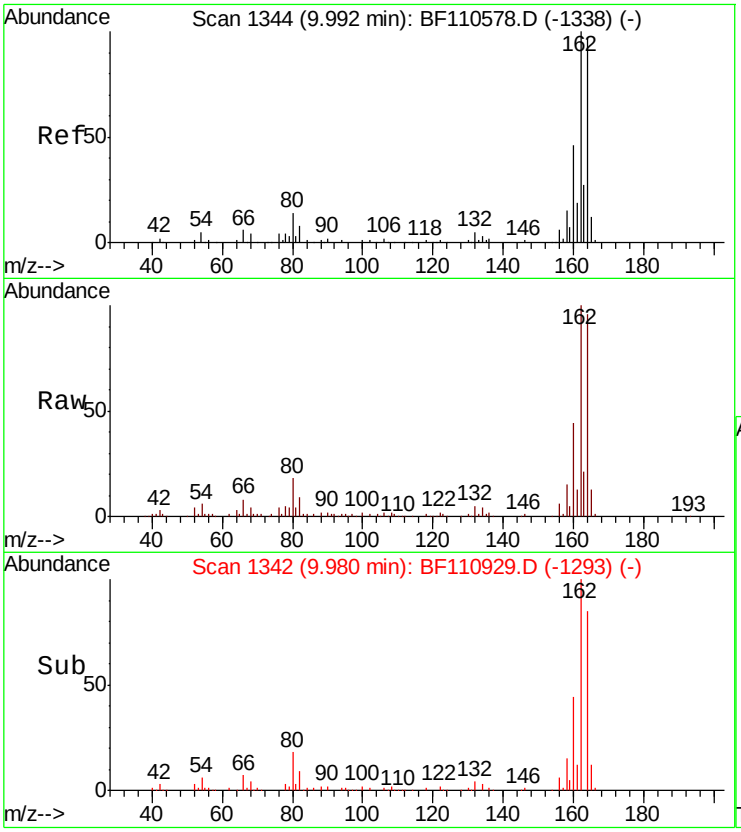


#25
Isophorone
Concen: 41.922 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Tgt Ion: 82 Resp: 329901

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



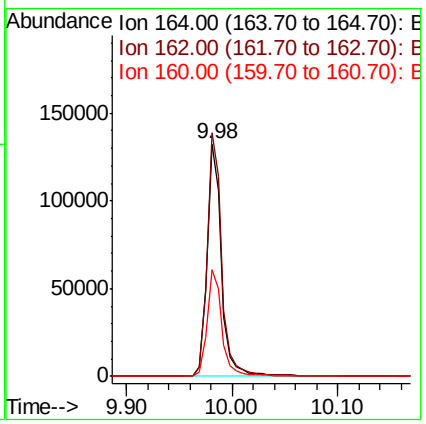


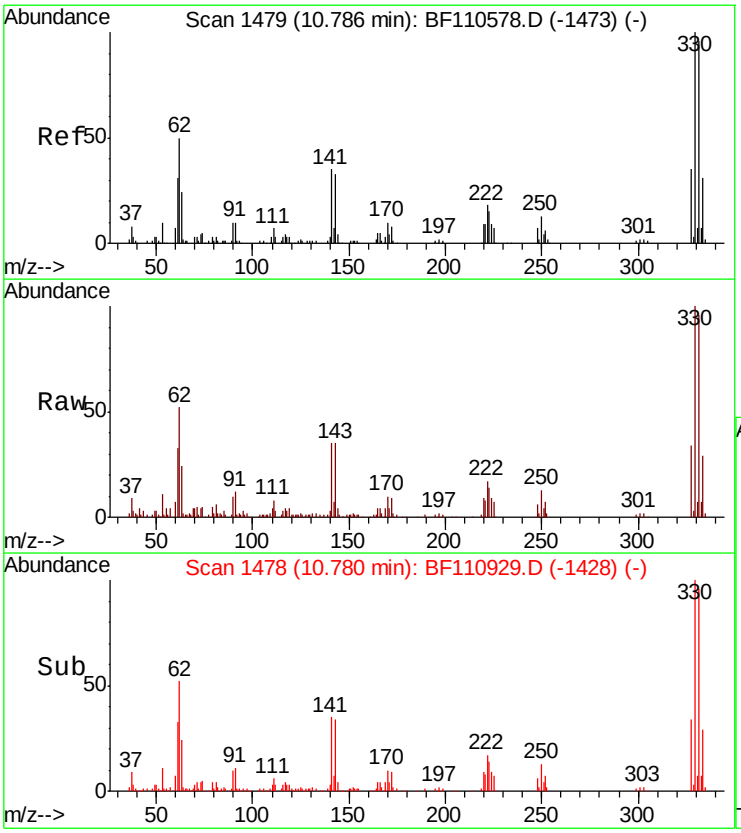
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 126913

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.0	124.6
160	46.0	37.0	55.6

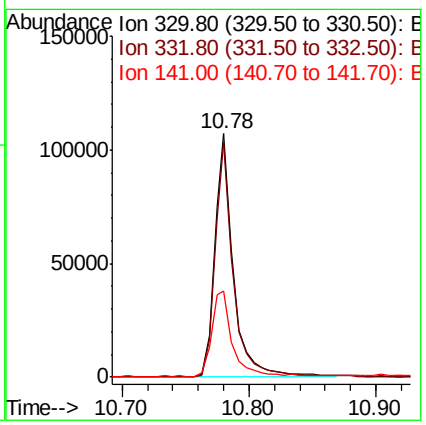


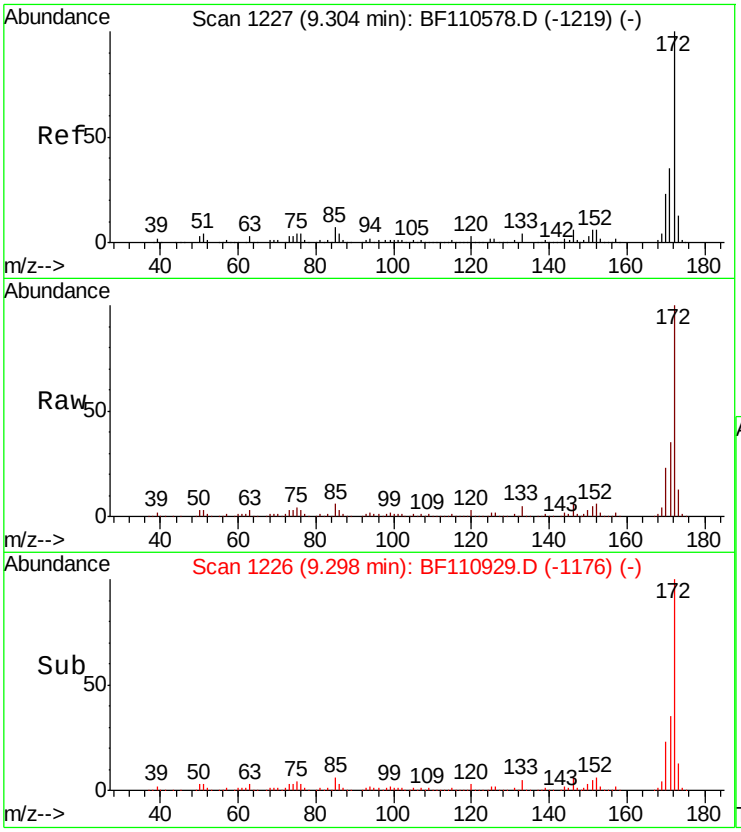


#42
2,4,6-Tribromophenol
Concen: 86.510 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Tgt Ion:330 Resp: 110629

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	38.6	27.0	40.4



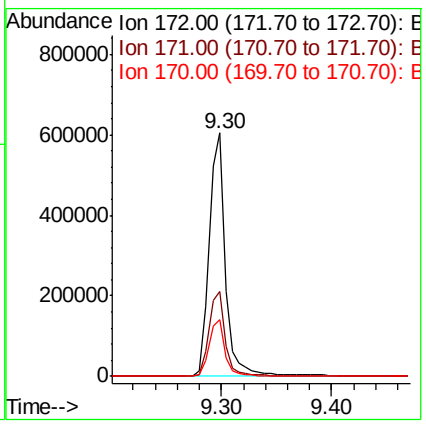


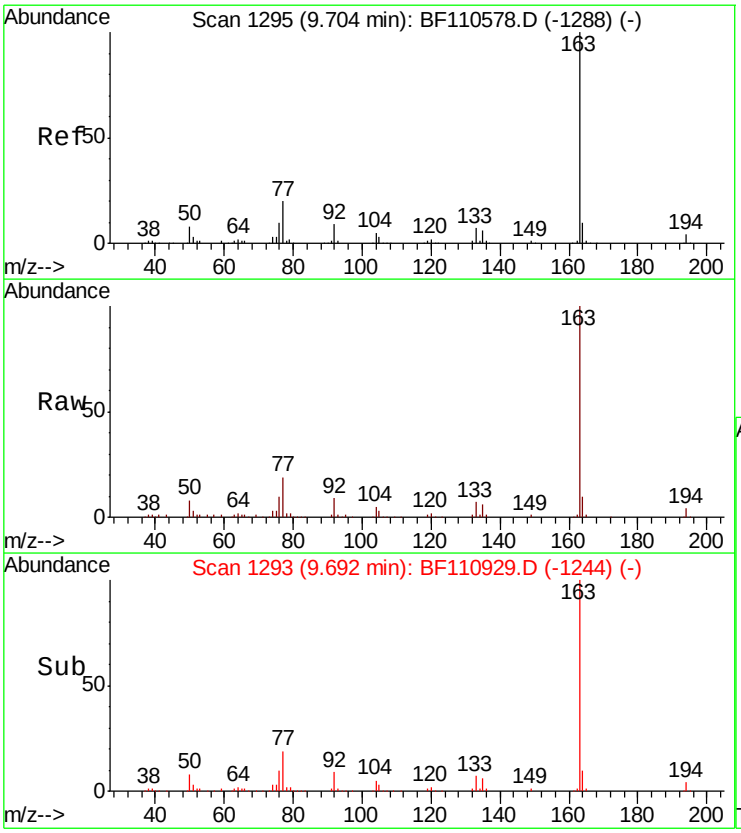
#45
2-Fluorobiphenyl
Concen: 68.305 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 606982

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.4	19.7	29.5

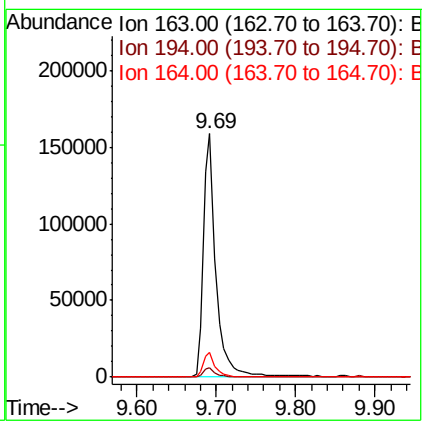


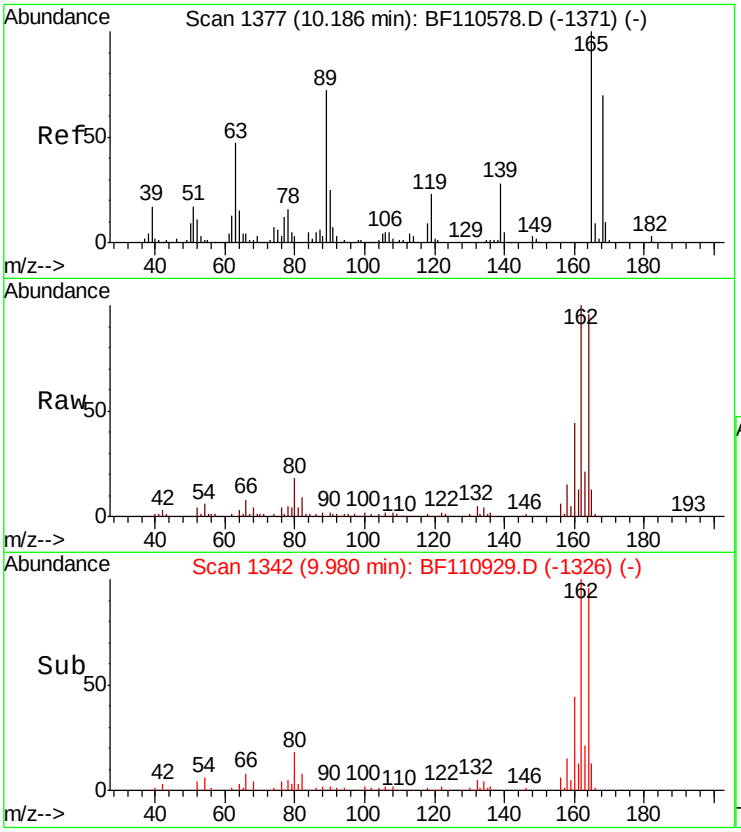


#50
Dimethylphthalate
Concen: 18.726 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Tgt Ion:163 Resp: 177331

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.1	8.1	12.1



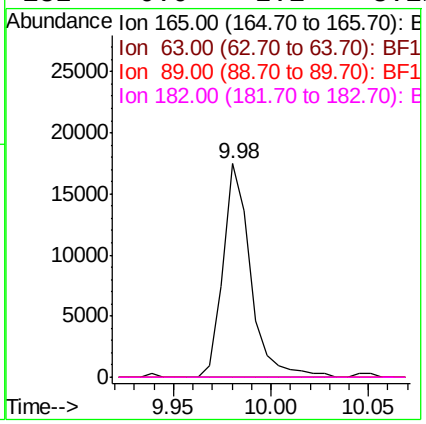


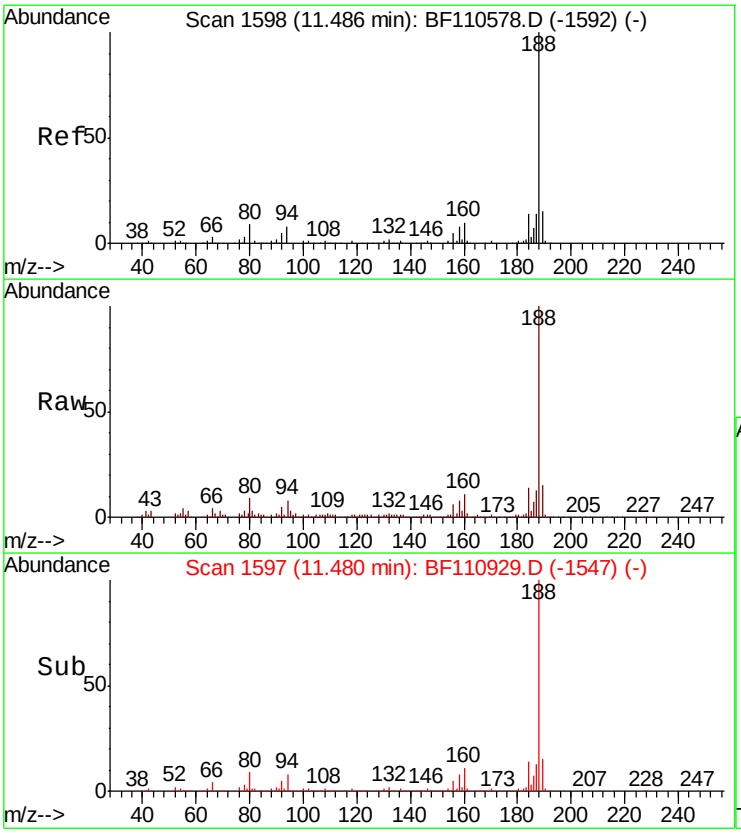
#57
2,4-Dinitrotoluene
Concen: 6.336 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 17163

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#

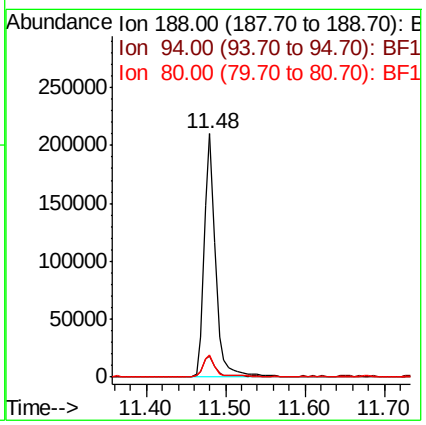


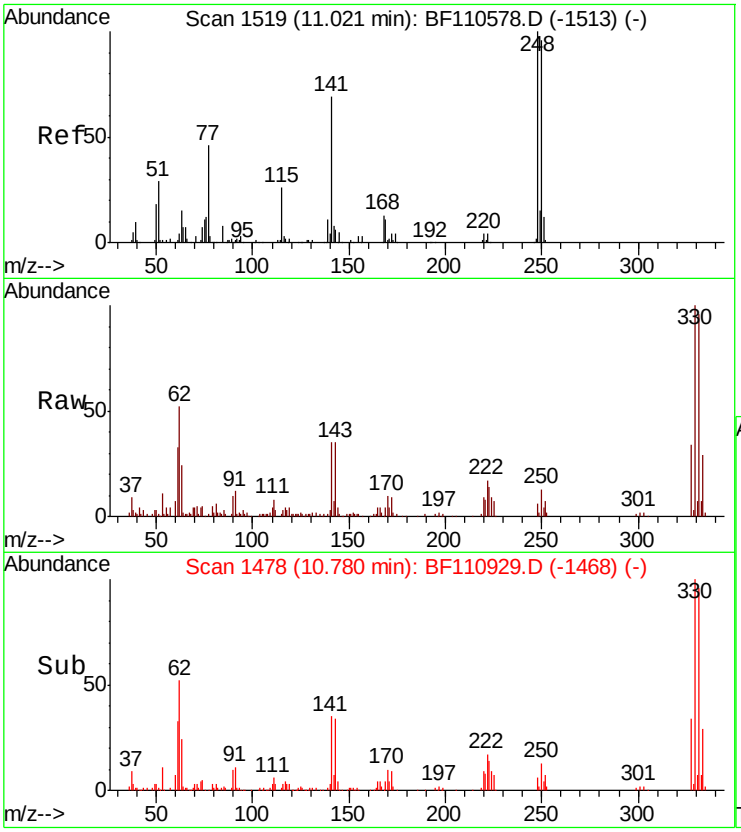


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Tgt Ion:188 Resp: 211821

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.1	7.9	11.9



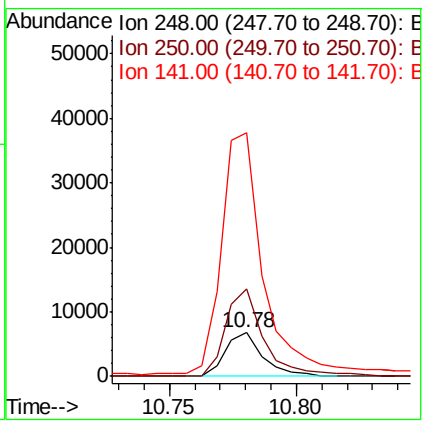


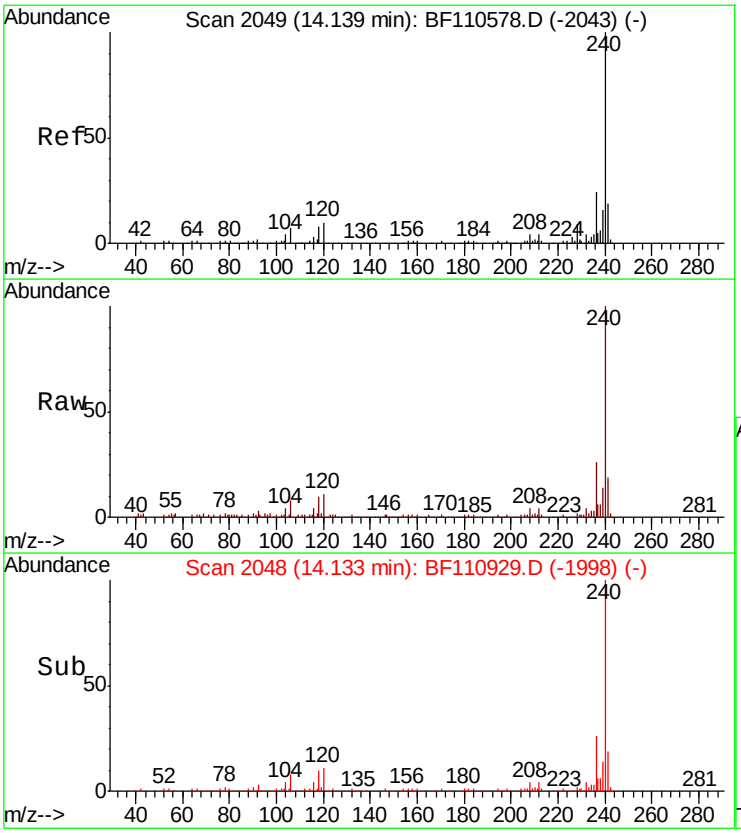
#67
4-Bromophenyl-phenylether
Concen: 2.955 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6918

Ion	Ratio	Lower	Upper
248	100		
250	198.2	79.4	119.2#
141	555.2	55.9	83.9#

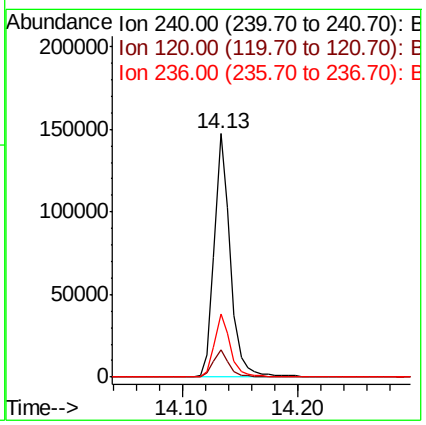


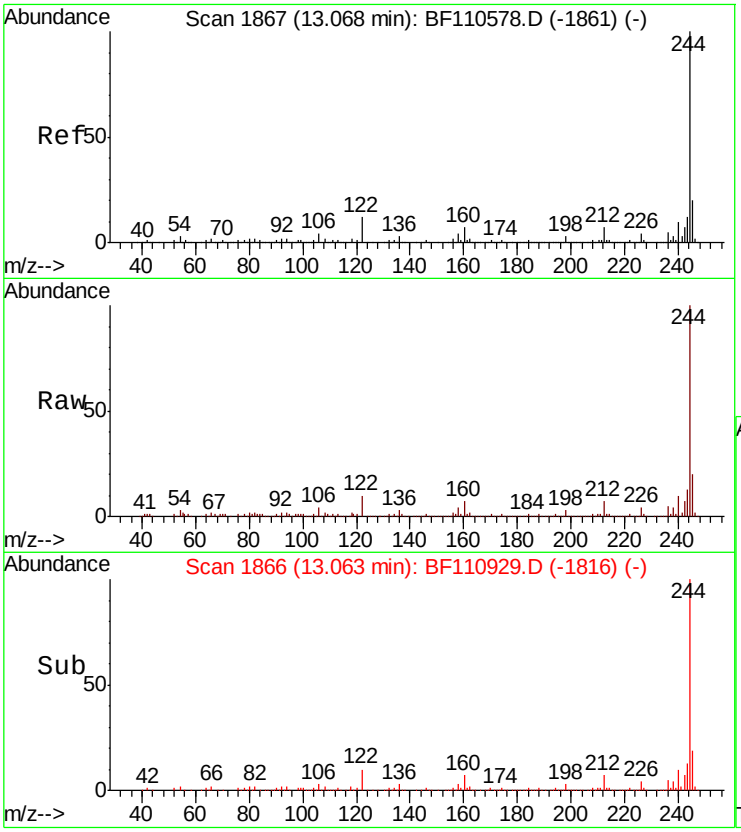


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Tgt Ion:240 Resp: 142500

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.3	12.5
236	25.8	21.2	31.8



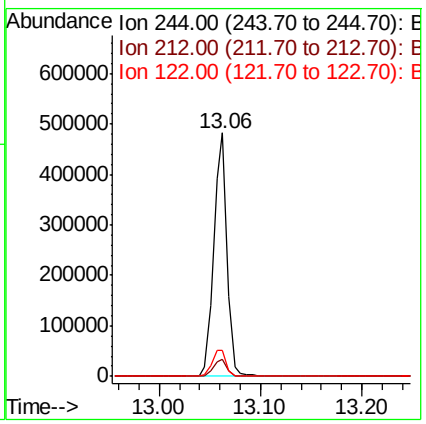


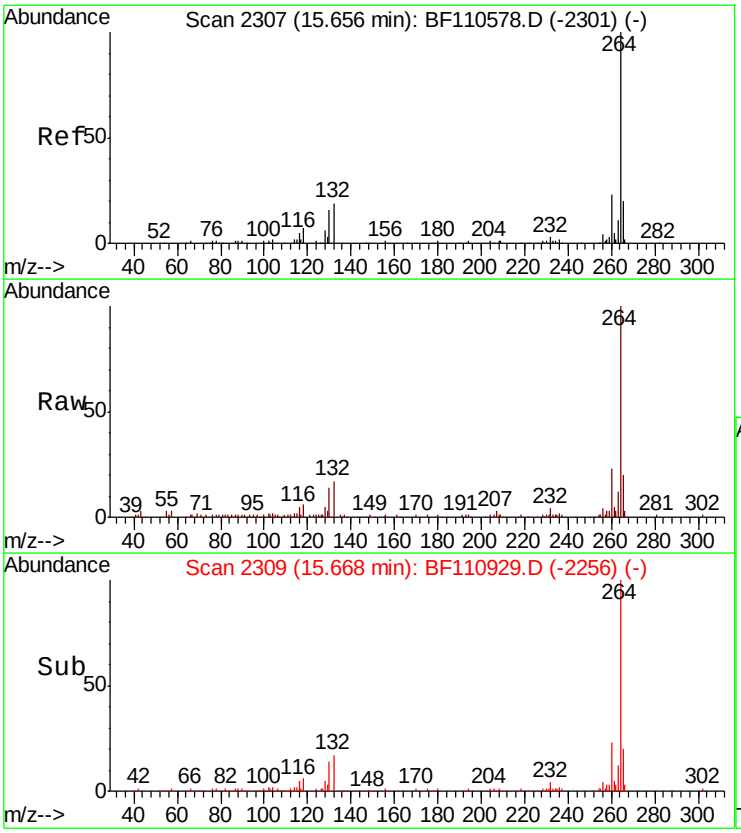
#79
Terphenyl-d14
Concen: 57.235 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 435503

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.4	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Tgt Ion:264 Resp: 128619

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	20.1	16.7	25.1