Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111145.D
Acq On : 6 Dec 2018 18:32
Operator : JU/SJ
Sample : J6204-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 06 21:53:27 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	475610	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1868777	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	892099	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1543166	20.00	ng		0.00
76) Chrysene-d12	13.95	240	882540	20.00	ng		0.00
87) Perylene-d12	15.39	264	903022	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	3800306	124.69	ng		0.01
7) Phenol-d6	6.44	99	4770877	121.51	ng		0.00
23) Nitrobenzene-d5	7.36	82	3174865	100.58	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	988467	139.39	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	4838481	103.53	ng		0.00
79) Terphenyl-d14	12.91	244	4038732	93.72	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	12070	Below Cal		#	1
10) Phenol	6.45	94	353109	8.248	ng		86
19) n-Nitroso-di-n-propylamine	7.36	70	448298	16.991	ng	#	76
25) Isophorone	7.36	82	3158201	54.518	ng	#	65
50) Dimethylphthalate	9.56	163	595516	9.592	ng		97
57) 2,4-Dinitrotoluene	9.84	165	115401	6.788	ng	#	23
67) 4-Bromophenyl-phenylether	10.63	248	66142	4.049	ng	#	1

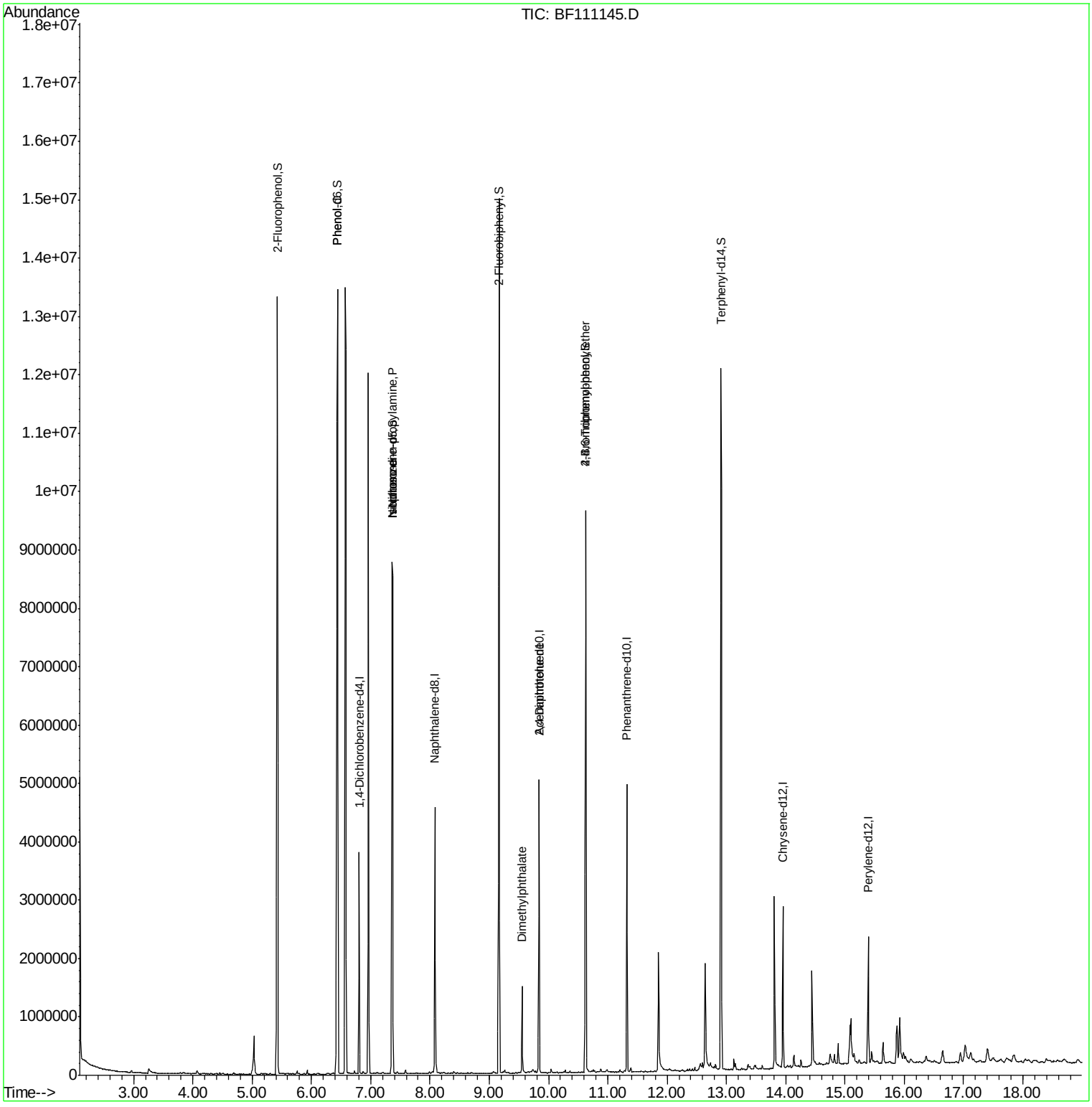
(#) = qualifier out of range (m) = manual integration (+) = signals summed

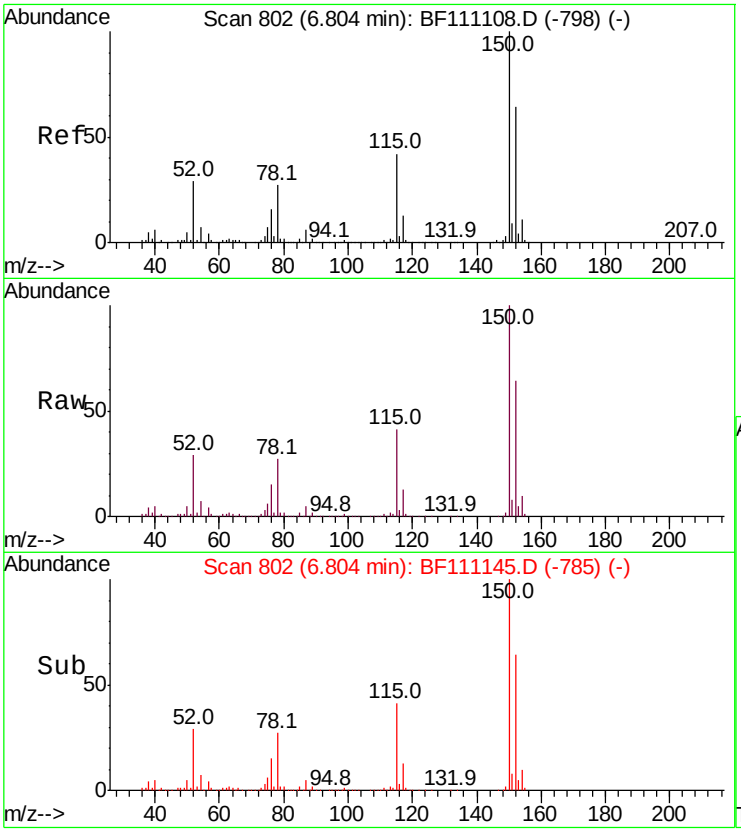
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111145.D
Acq On : 6 Dec 2018 18:32
Operator : JU/SJ
Sample : J6204-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 06 21:53:27 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



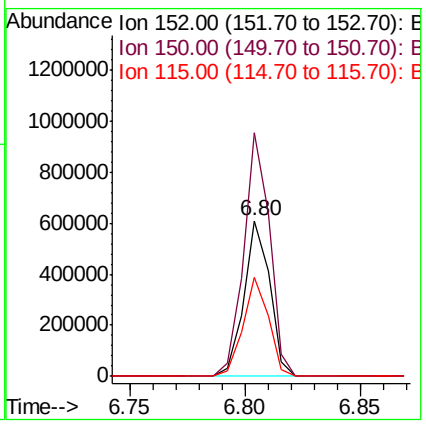


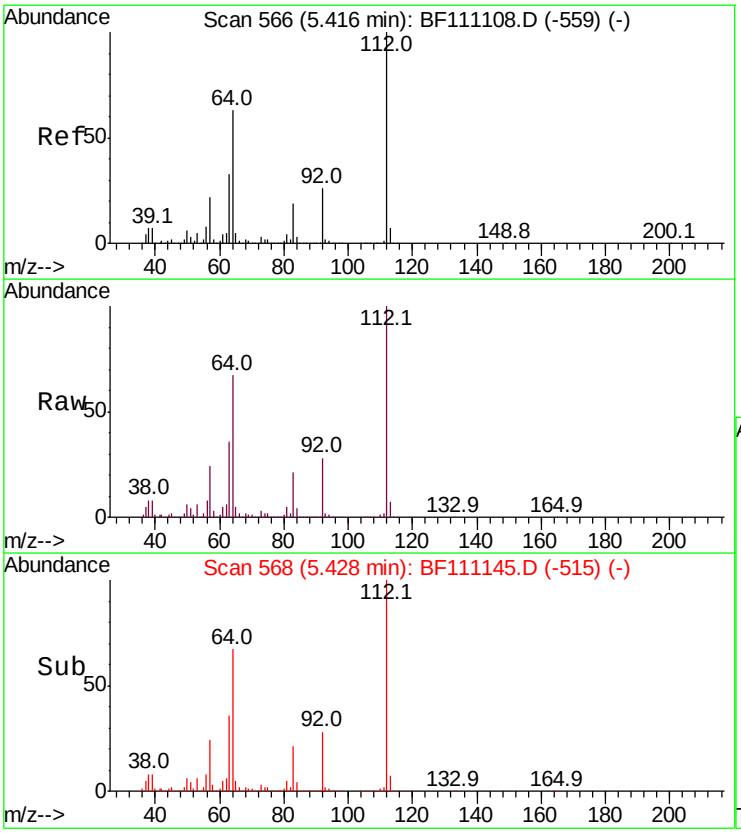
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 475610

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	187.0
115	63.7	52.2	78.2

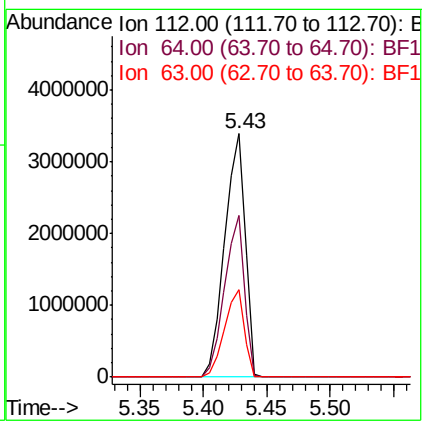


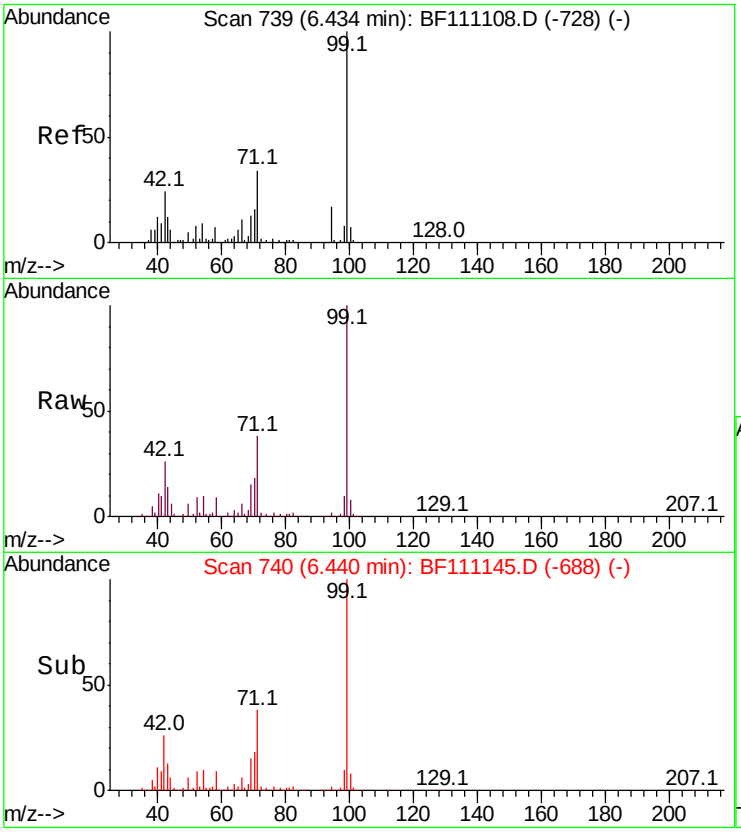


#5
2-Fluorophenol
Concen: 124.686 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

Tgt Ion:112 Resp: 3800306

Ion	Ratio	Lower	Upper
112	100		
64	66.6	50.2	75.4
63	36.1	26.6	39.8



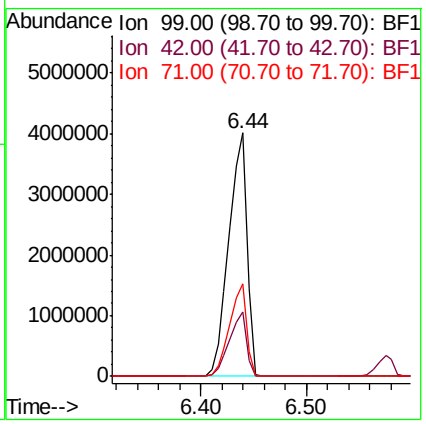


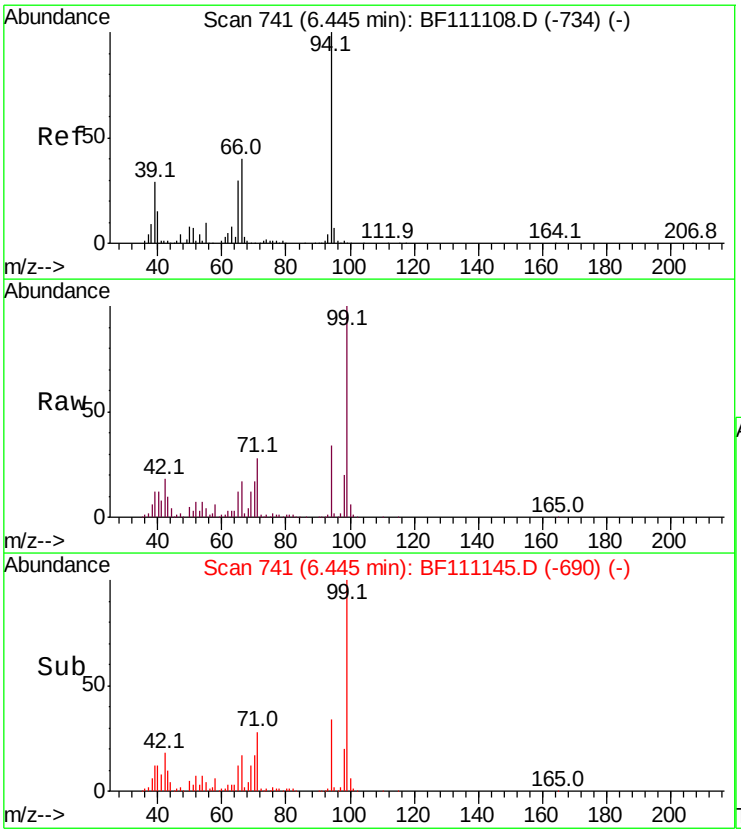
#7
Phenol-d6
Concen: 121.513 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 4770877

Ion	Ratio	Lower	Upper
99	100		
42	26.3	19.3	28.9
71	37.9	27.4	41.2

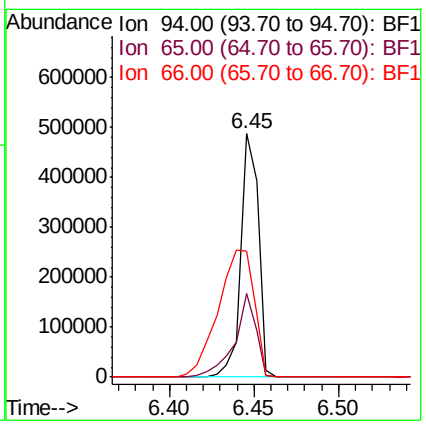


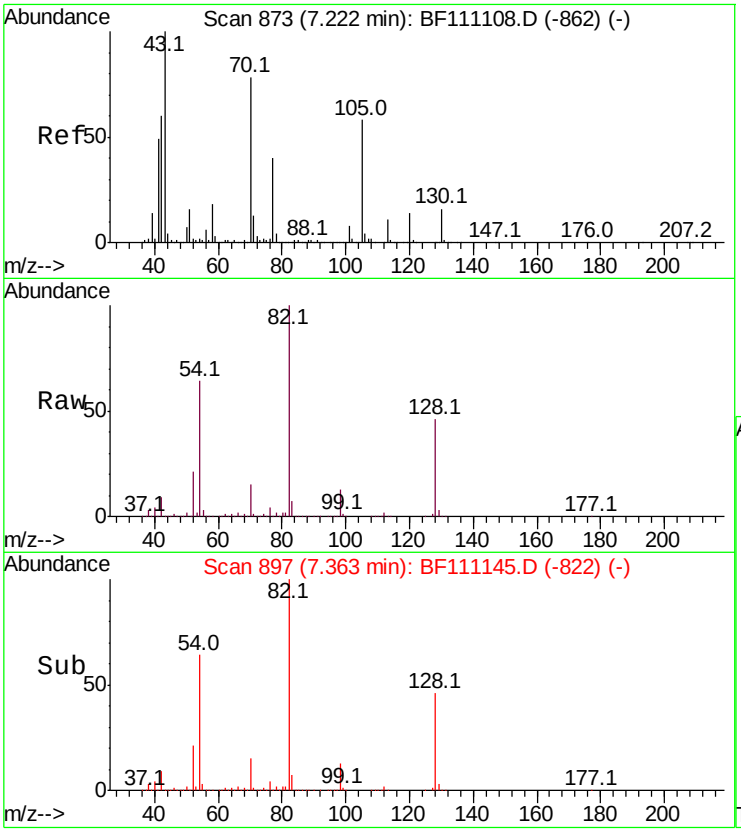


#10
Phenol
Concen: 8.248 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

Tgt Ion: 94 Resp: 353109

Ion	Ratio	Lower	Upper
94	100		
65	34.3	10.5	50.5
66	51.5	19.8	59.8



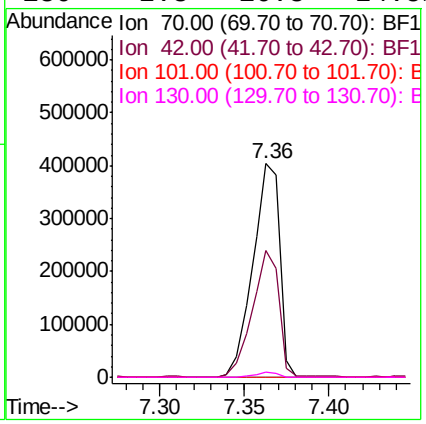


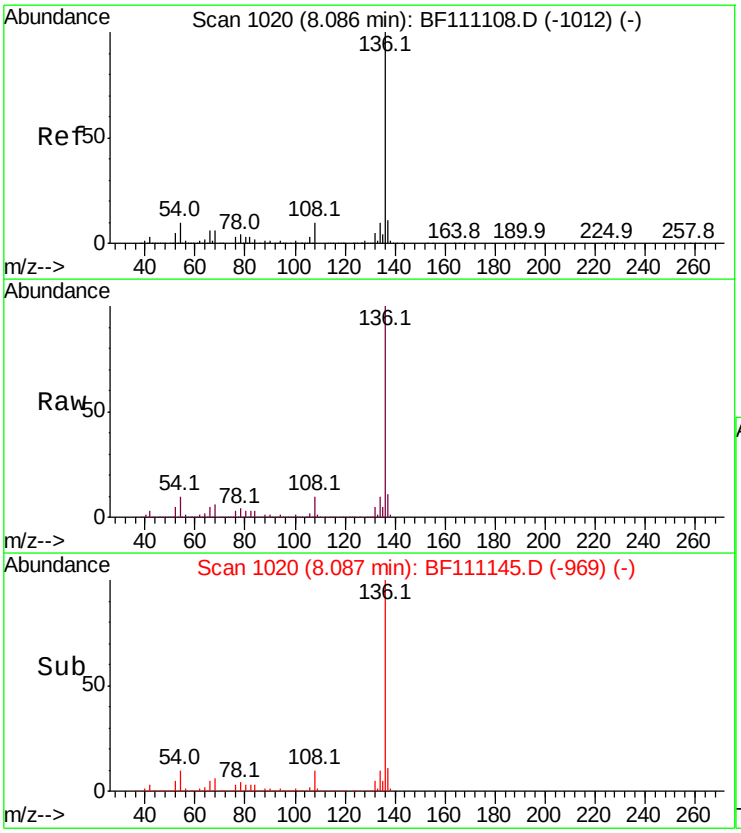
#19
n-Nitroso-di-n-propylamine
Concen: 16.991 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 448298

Ion	Ratio	Lower	Upper
70	100		
42	59.1	61.3	91.9#
101	0.0	7.7	11.5#
130	2.3	16.3	24.5#

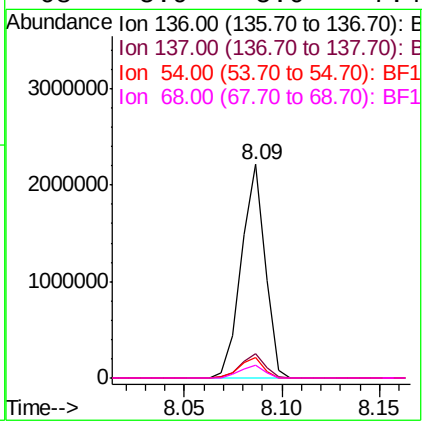


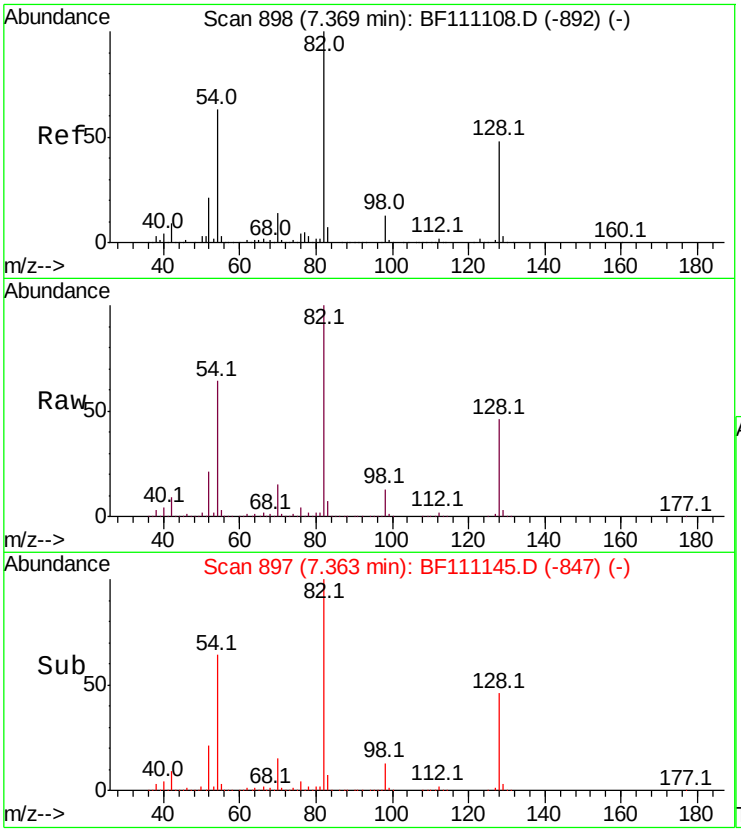


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

Tgt Ion:136 Resp: 1868777

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	9.6	8.4	12.6
68	5.9	5.0	7.4



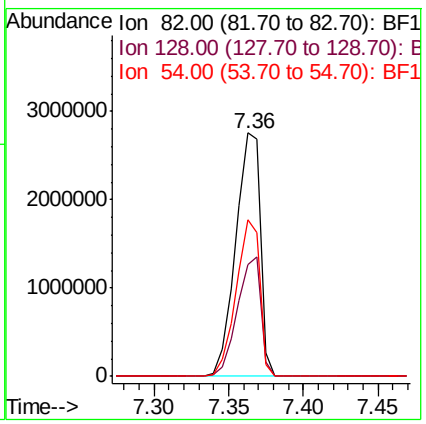


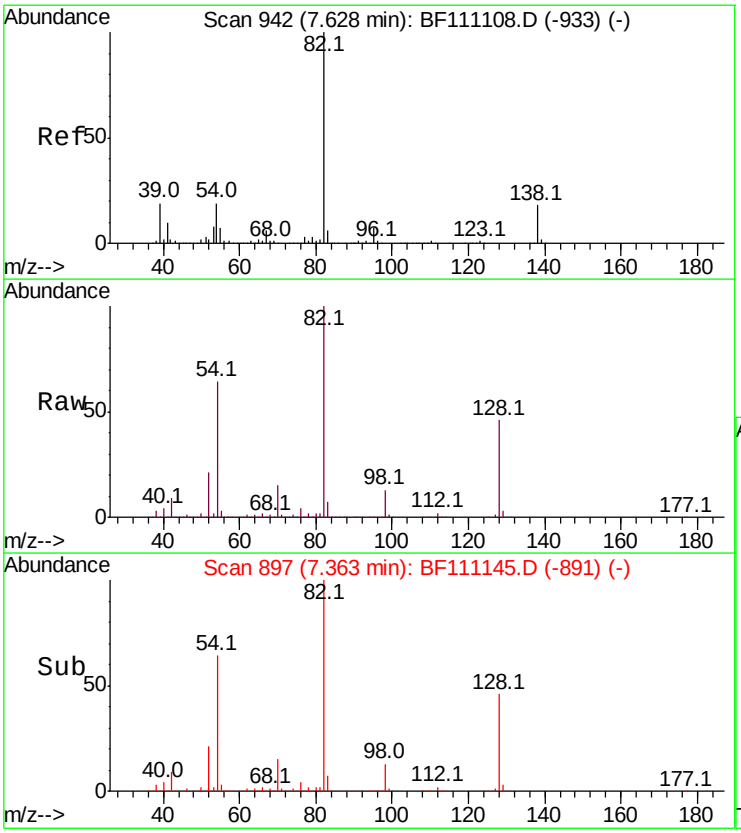
#23
Nitrobenzene-d5
Concen: 100.581 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 3174865

Ion	Ratio	Lower	Upper
82	100		
128	46.0	38.1	57.1
54	64.1	50.3	75.5

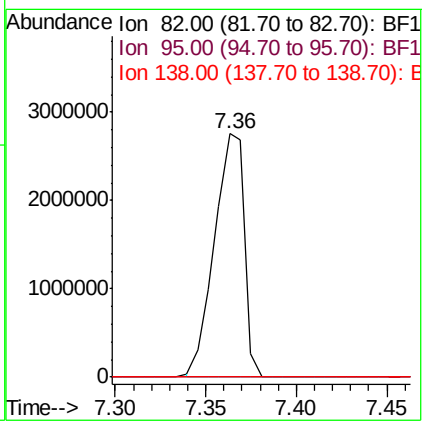


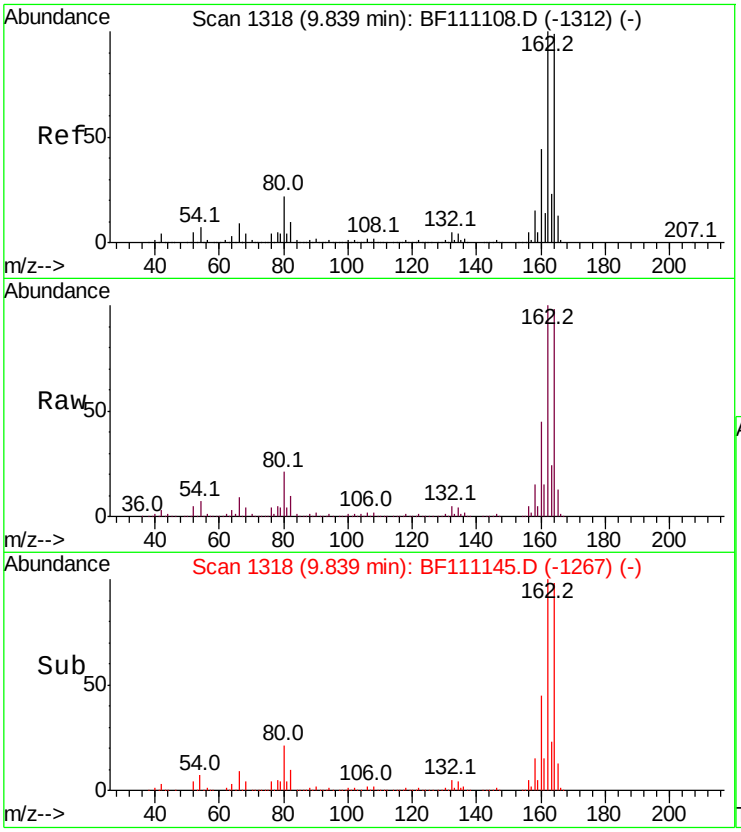


#25
Isophorone
Concen: 54.518 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

Tgt Ion: 82 Resp: 3158201

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



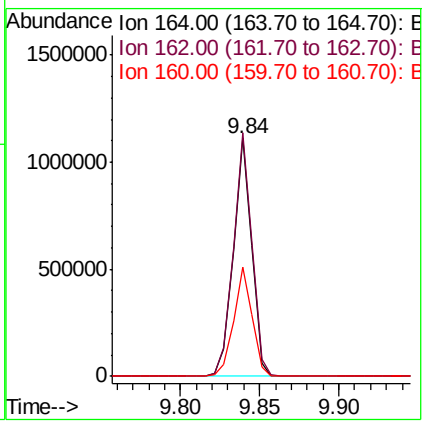


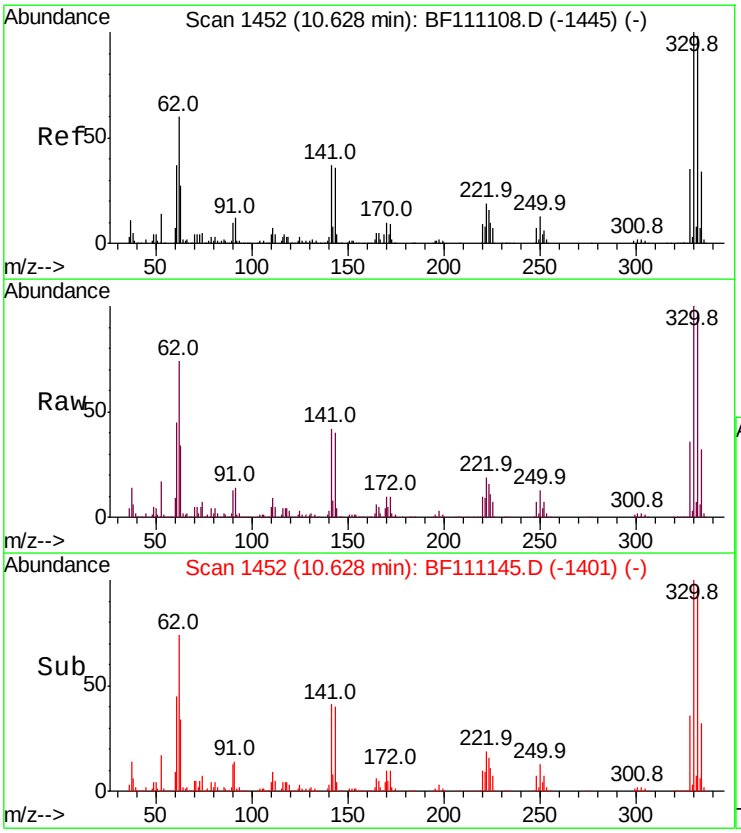
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 892099

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	120.8
160	45.7	35.5	53.3

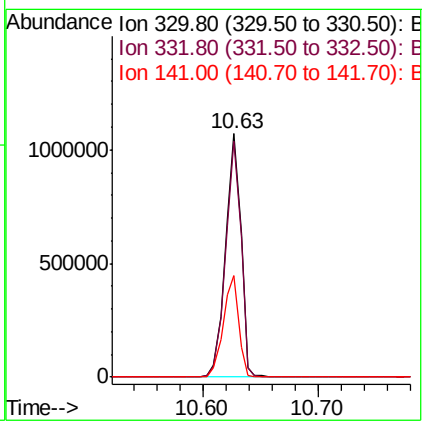


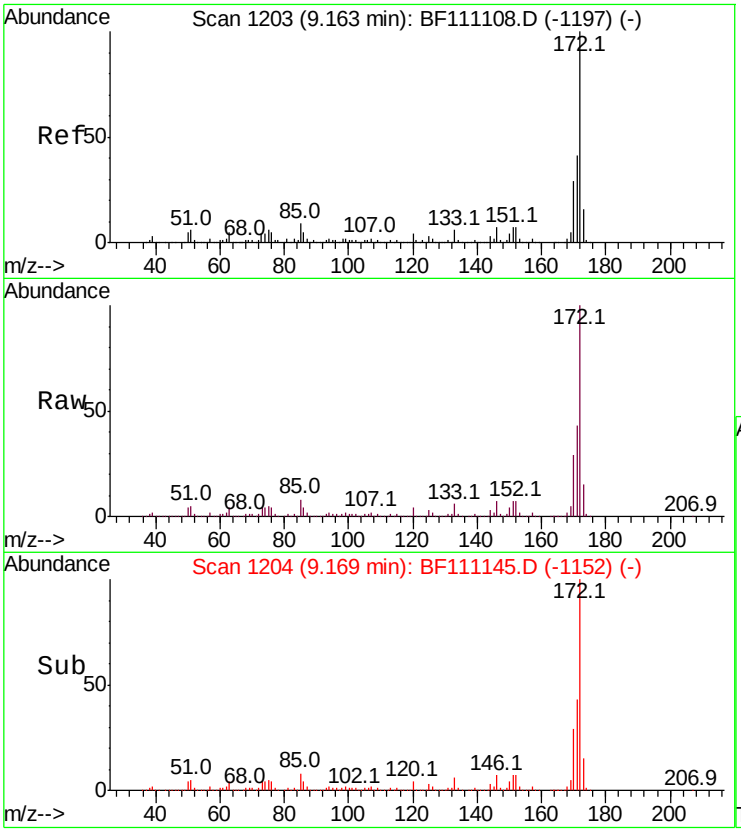


#42
2,4,6-Tribromophenol
Concen: 139.394 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

Tgt Ion:330 Resp: 988467

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.2	115.8
141	41.6	36.1	54.1



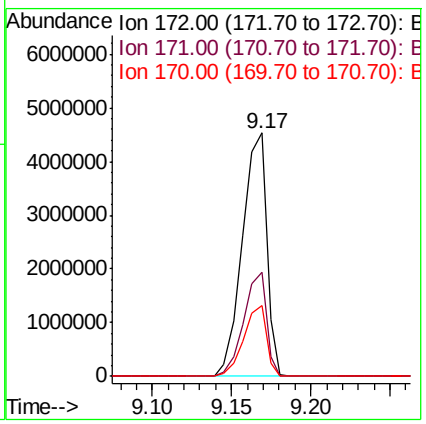


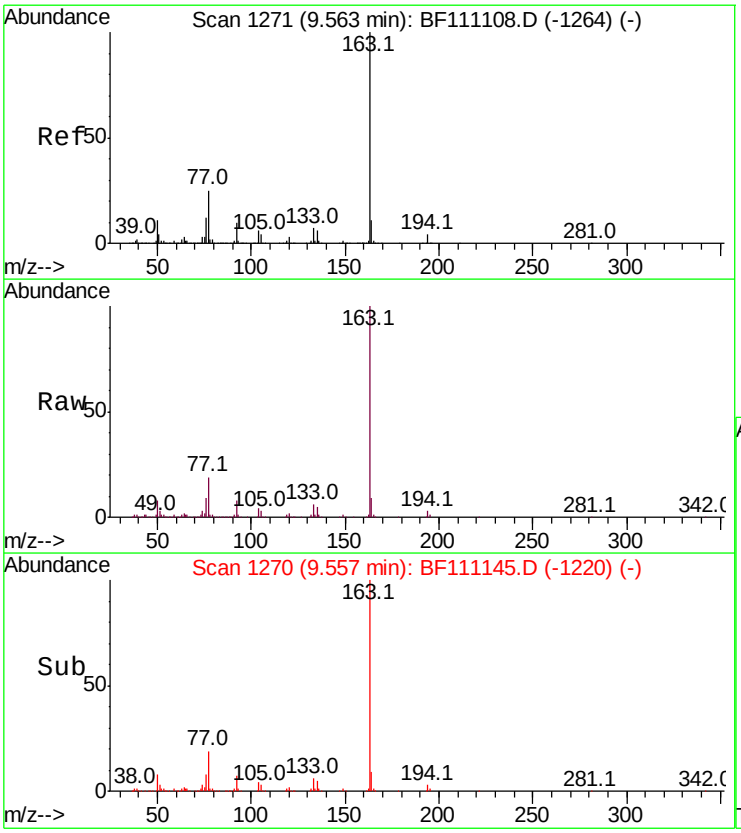
#45
2-Fluorobiphenyl
Concen: 103.530 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 4838481

Ion	Ratio	Lower	Upper
172	100		
171	42.7	33.2	49.8
170	29.1	22.9	34.3

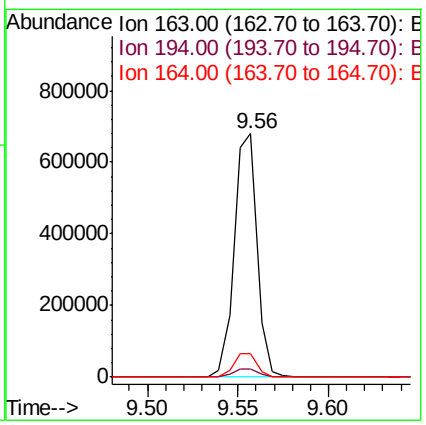


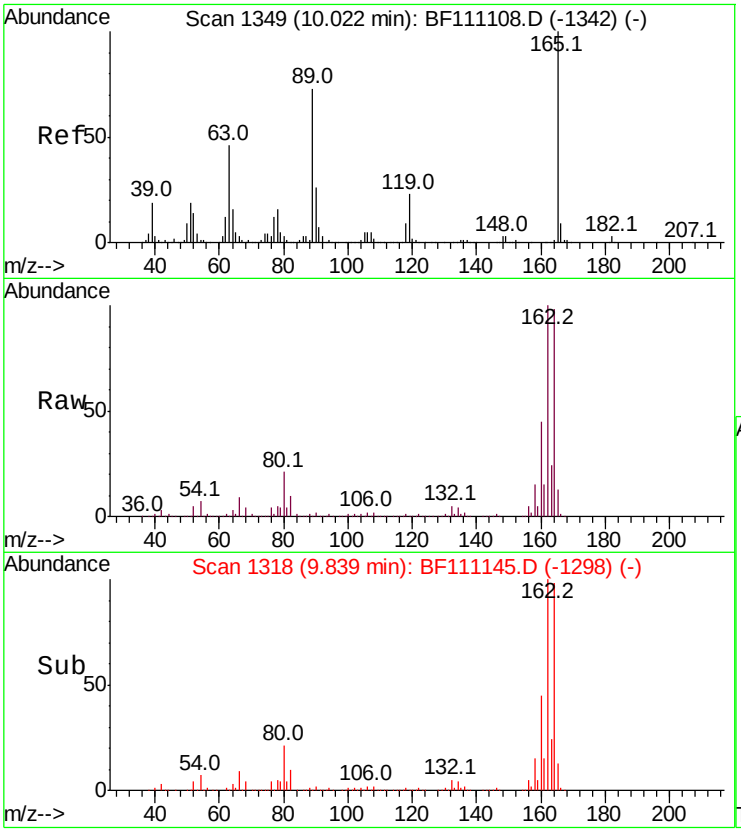


#50
Dimethylphthalate
Concen: 9.592 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

Tgt Ion:163 Resp: 595516

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	9.4	8.9	13.3



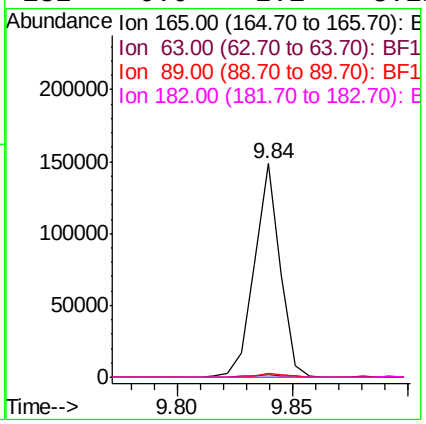


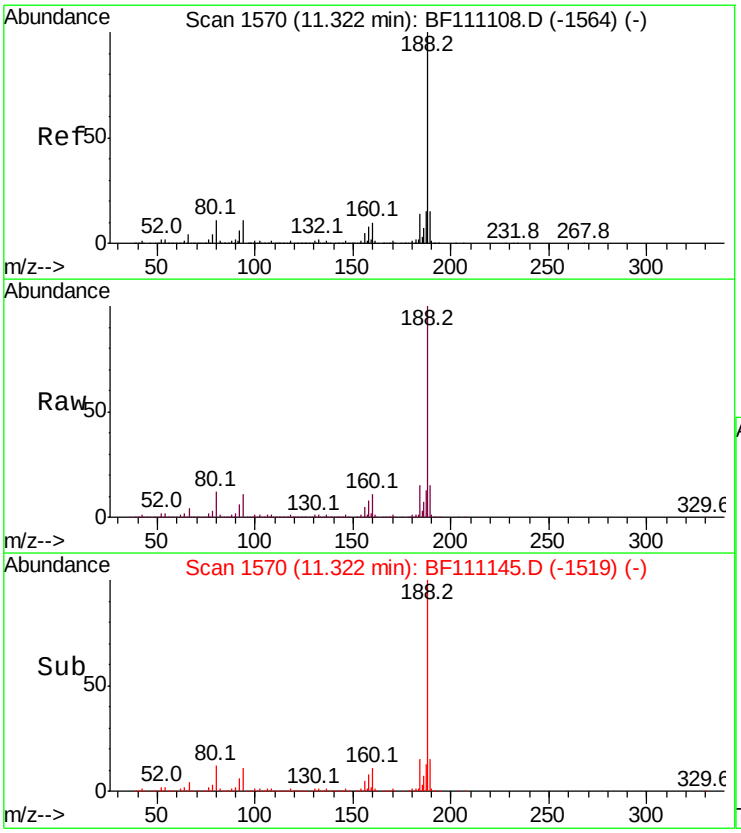
#57
2,4-Dinitrotoluene
Concen: 6.788 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 115401

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.7	55.1#
89	1.6	58.4	87.6#
182	0.0	2.1	3.1#

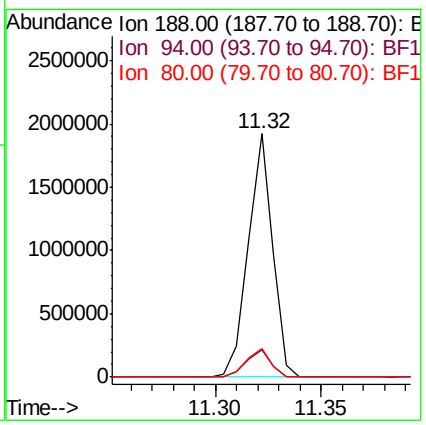


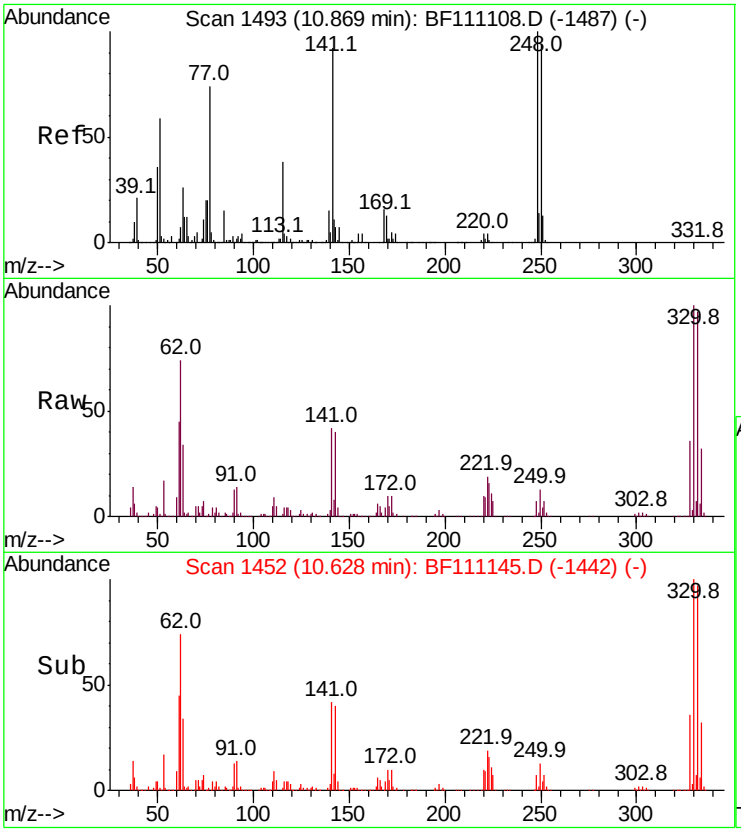


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

Tgt Ion:188 Resp: 1543166

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.6	9.0	13.6



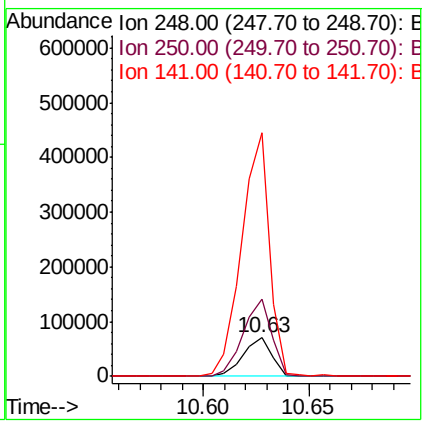


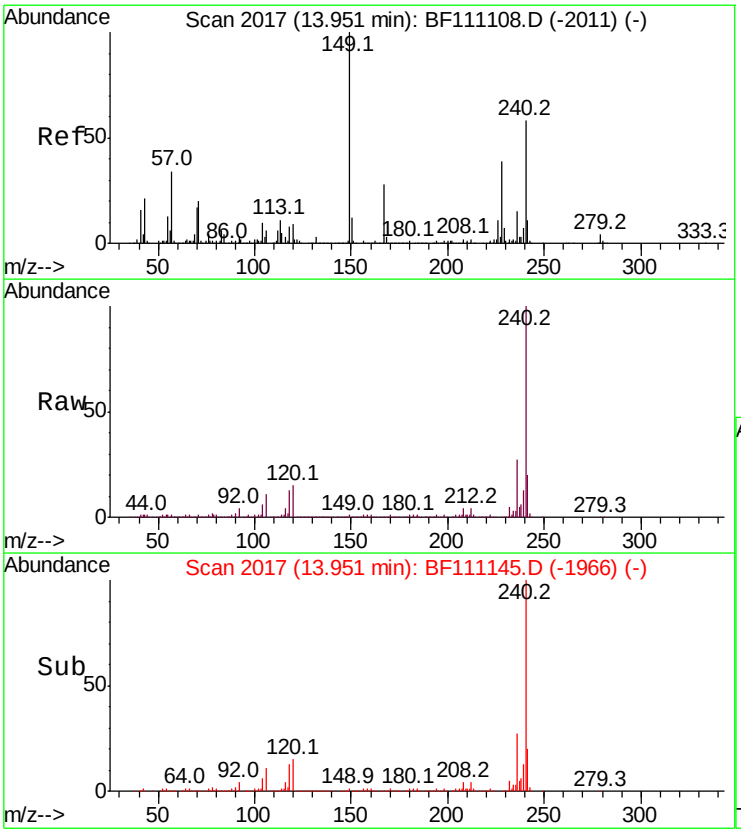
#67
4-Bromophenyl-phenylether
Concen: 4.049 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 66142

Ion	Ratio	Lower	Upper
248	100		
250	199.6	75.4	113.0#
141	634.4	73.8	110.6#

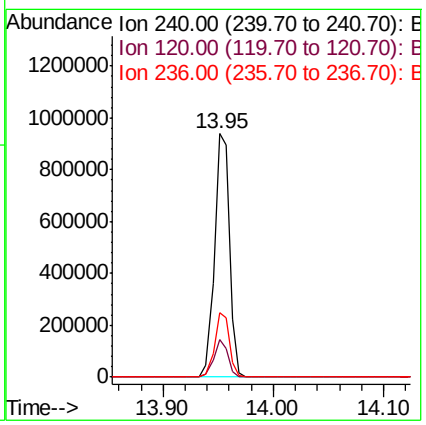


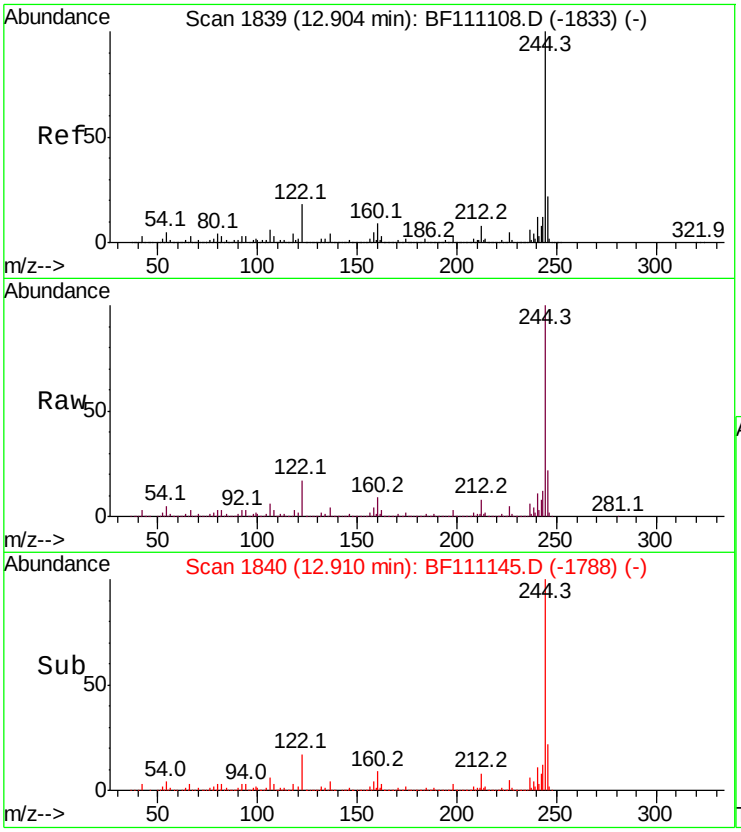


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

Tgt Ion:240 Resp: 882540

Ion	Ratio	Lower	Upper
240	100		
120	15.3	12.8	19.2
236	26.6	21.1	31.7



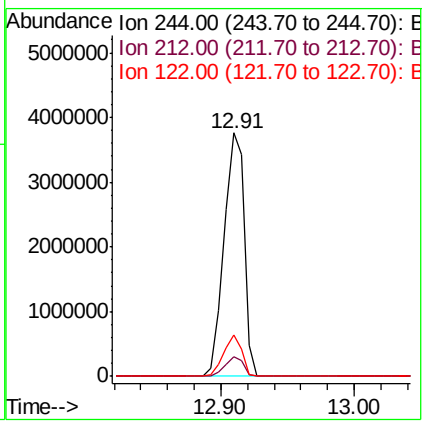


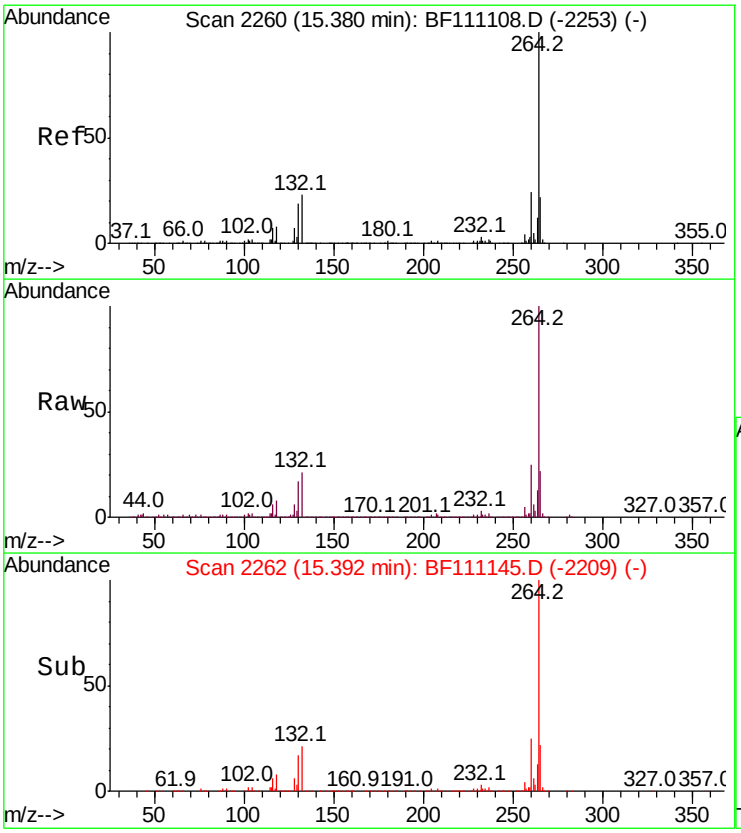
#79
Terphenyl-d14
Concen: 93.721 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 4038732

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	17.1	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: BF111145.D
Acq: 6 Dec 2018 18:32

Tgt Ion:264 Resp: 903022

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	22.2	17.4	26.0