Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
Data File : BF111194.D
Acq On : 7 Dec 2018 18:37
Operator : JU/SJ
Sample : J6214-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9(13-15)

Quant Time: Dec 07 22:25:42 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	401620	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1607101	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	935738	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1406159	20.00	ng		0.00
76) Chrysene-d12	13.96	240	989963	20.00	ng		0.00
87) Perylene-d12	15.40	264	918768	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	3430596	133.29	ng		0.01
7) Phenol-d6	6.44	99	3675301	110.85	ng		0.00
23) Nitrobenzene-d5	7.36	82	2536397	93.44	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	795632	106.97	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	3989310	77.68	ng		0.00
79) Terphenyl-d14	12.91	244	2973189	61.51	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.44	77	8438	Below Cal		#	1
10) Phenol	6.45	94	303705	8.401	ng		86
19) n-Nitroso-di-n-propylamine	7.36	70	348321	15.633	ng	#	75
25) Isophorone	7.36	82	2523814	50.661	ng	#	65
50) Dimethylphthalate	9.56	163	1048838	16.105	ng		97
57) 2,4-Dinitrotoluene	9.84	165	121610	6.820	ng	#	23
67) 4-Bromophenyl-phenylether	10.63	248	52275	3.512	ng	#	1

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

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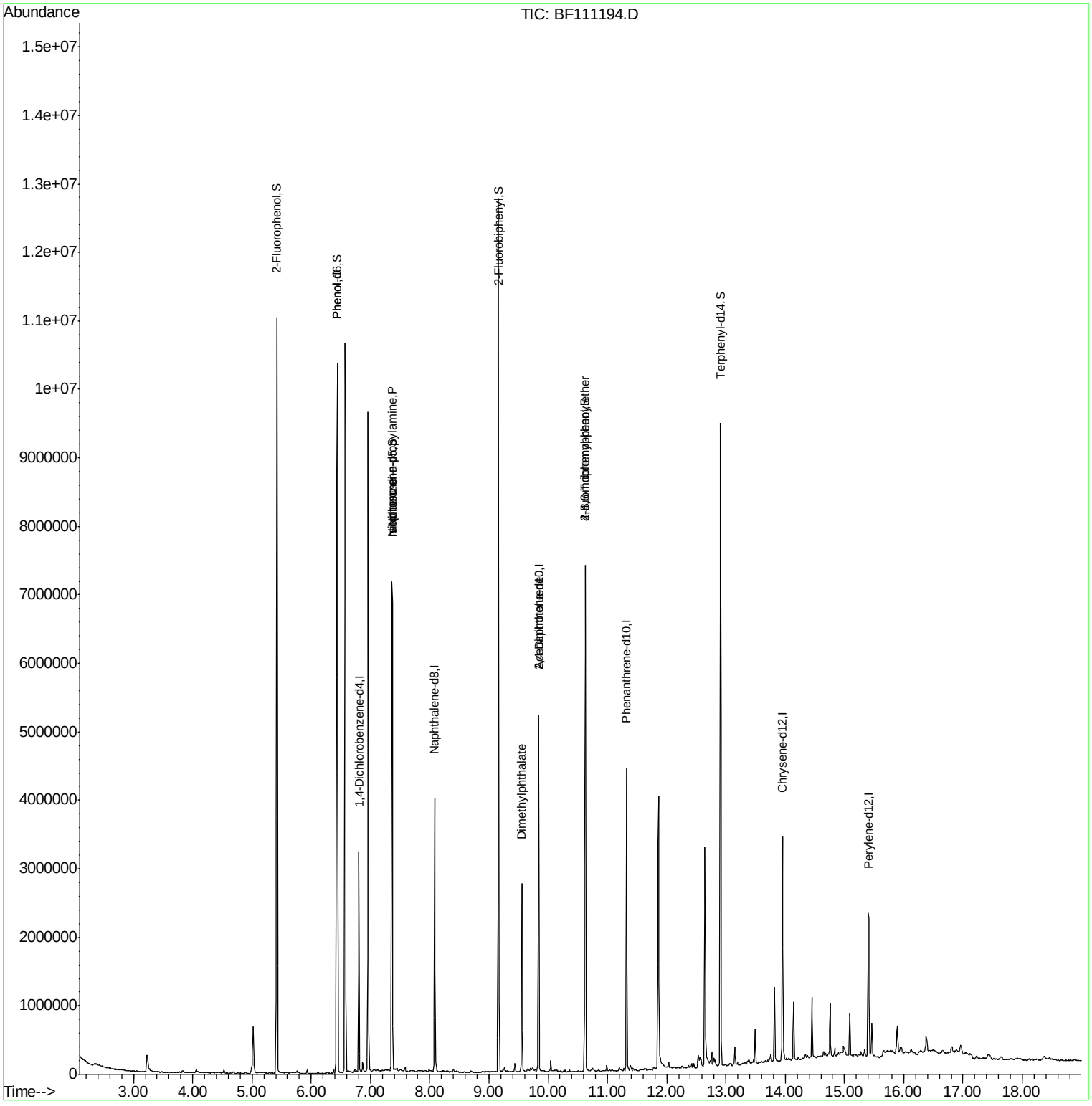
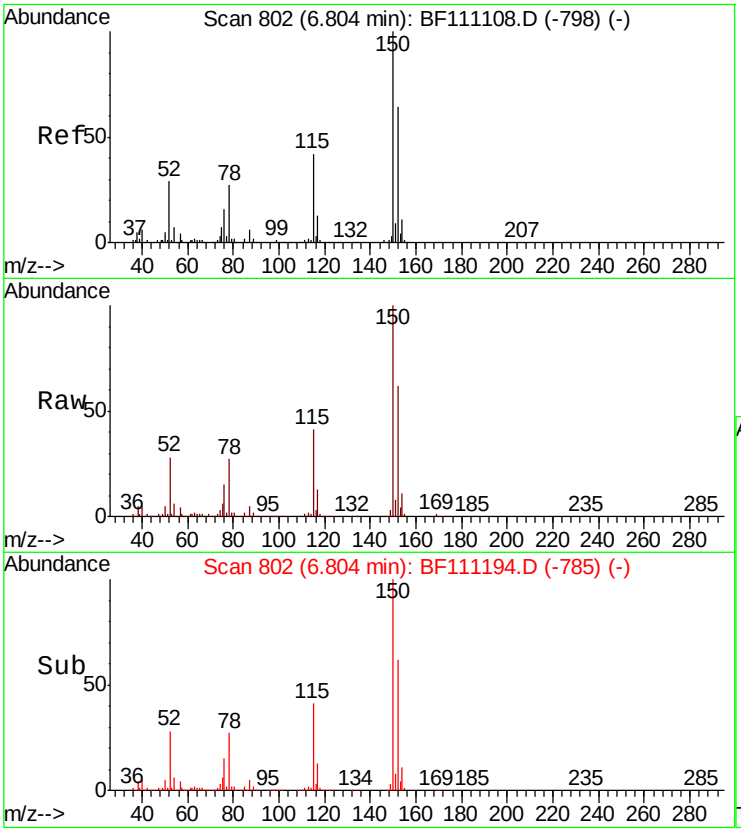


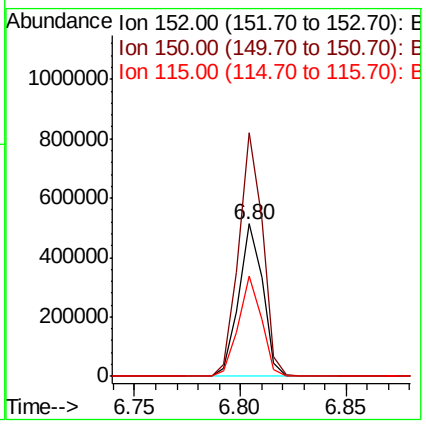


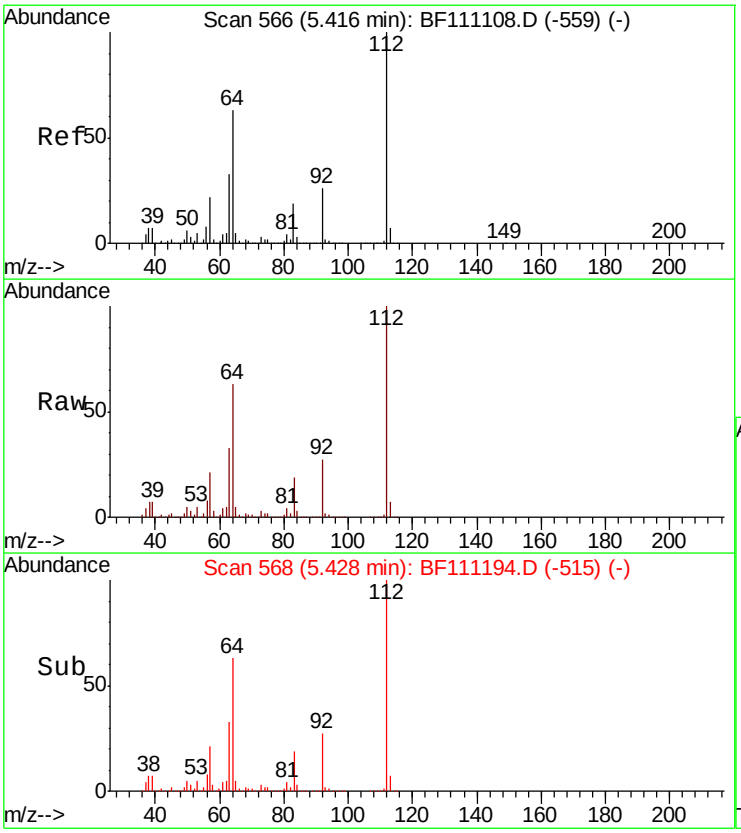
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111194.D
Acq: 7 Dec 2018 18:37

Instrument :
BNA_F
ClientSampleId :
SB-9(13-15)

Tgt Ion:152 Resp: 401620

Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	187.0
115	65.7	52.2	78.2

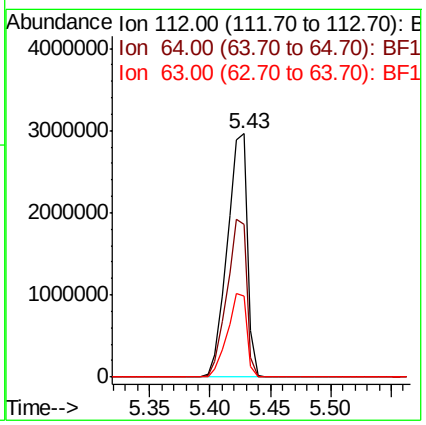


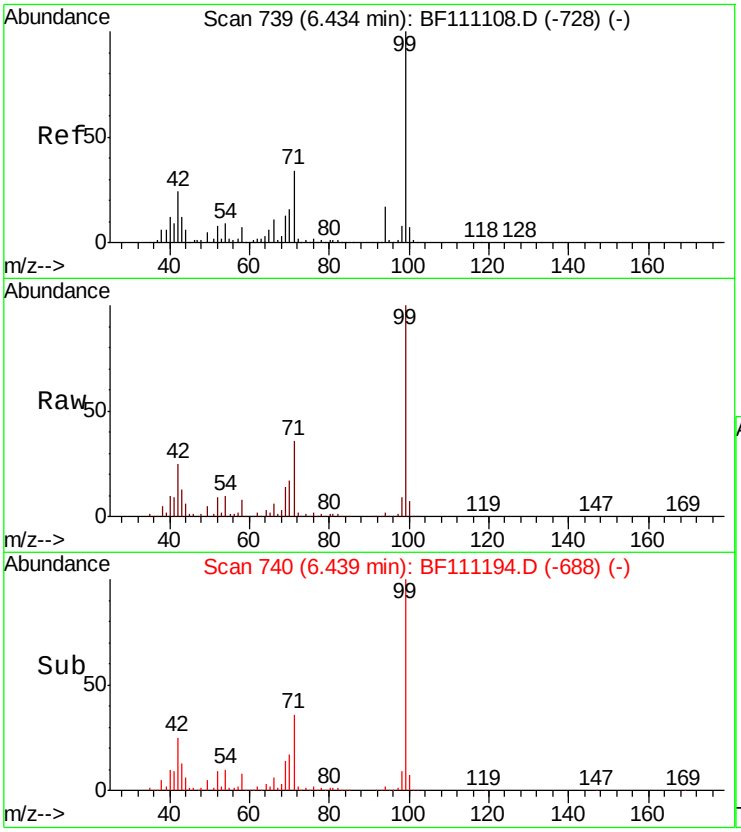


#5
2-Fluorophenol
Concen: 133.293 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111194.D
Acq: 7 Dec 2018 18:37

Tgt Ion:112 Resp: 3430596

Ion	Ratio	Lower	Upper
112	100		
64	62.9	50.2	75.4
63	33.4	26.6	39.8



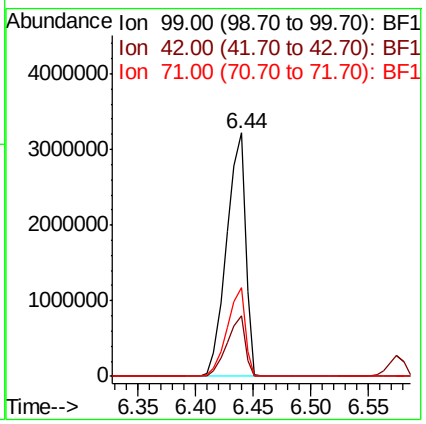


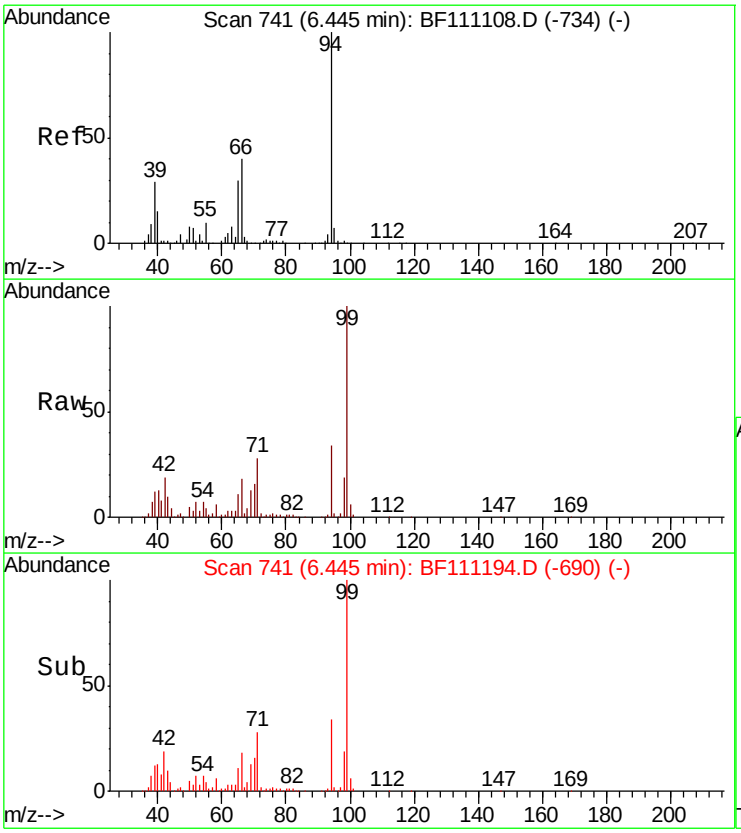
#7
Phenol-d6
Concen: 110.855 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF111194.D
Acq: 7 Dec 2018 18:37

Instrument :
BNA_F
ClientSampleId :
SB-9(13-15)

Tgt Ion: 99 Resp: 3675301

Ion	Ratio	Lower	Upper
99	100		
42	24.7	19.3	28.9
71	36.4	27.4	41.2

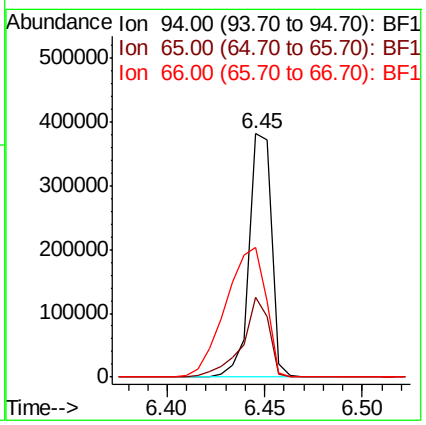


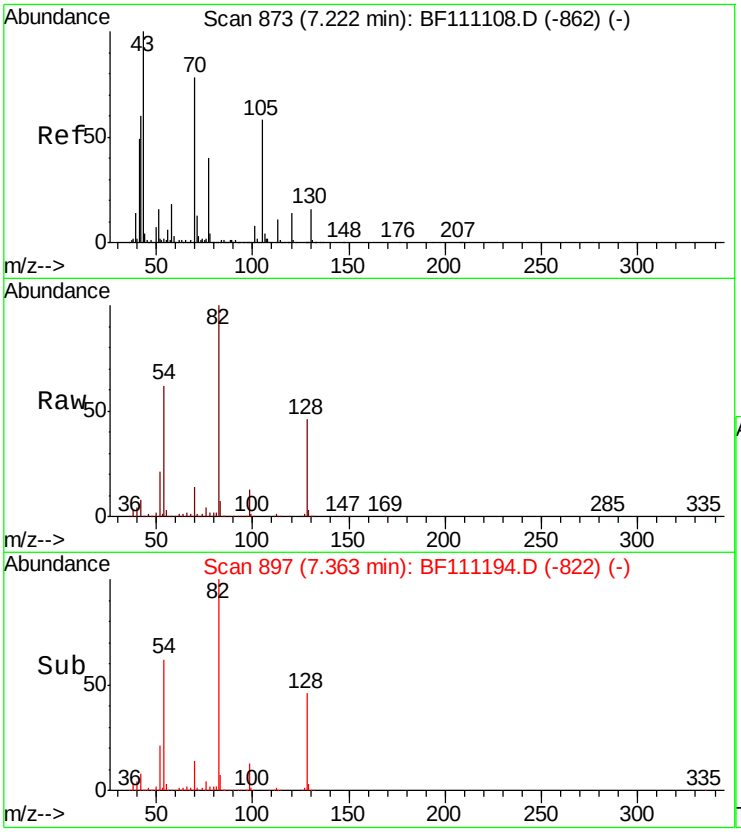


#10
Phenol
Concen: 8.401 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF111194.D
Acq: 7 Dec 2018 18:37

Tgt Ion: 94 Resp: 303705

Ion	Ratio	Lower	Upper
94	100		
65	32.9	10.5	50.5
66	53.2	19.8	59.8



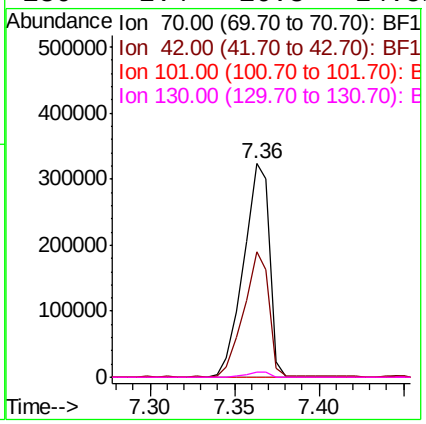


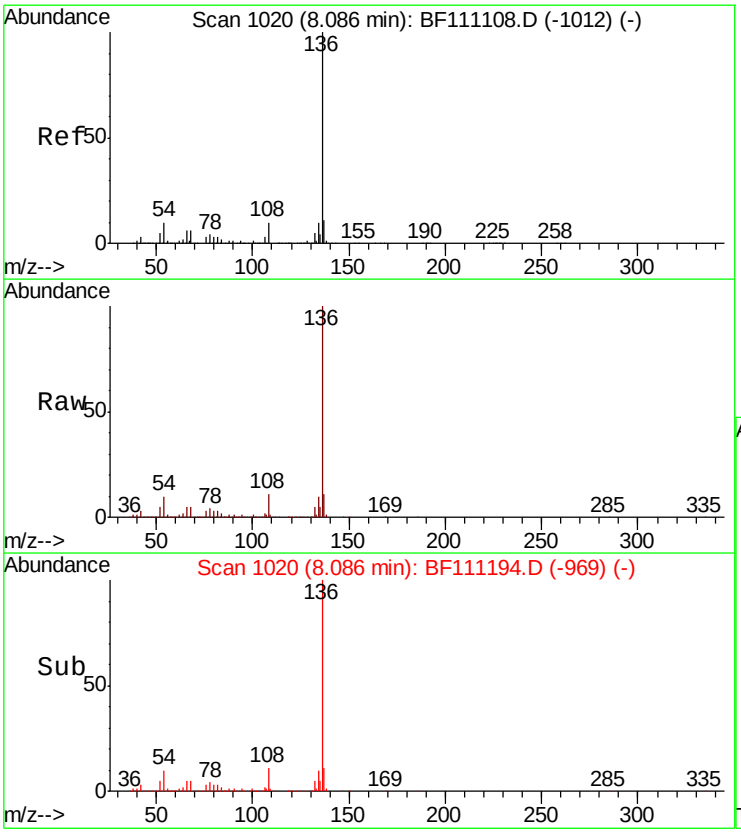
#19
n-Nitroso-di-n-propylamine
Concen: 15.633 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111194.D
Acq: 7 Dec 2018 18:37

Instrument :
BNA_F
ClientSampleId :
SB-9(13-15)

Tgt Ion: 70 Resp: 348321

Ion	Ratio	Lower	Upper
70	100		
42	58.5	61.3	91.9#
101	0.0	7.7	11.5#
130	2.4	16.3	24.5#

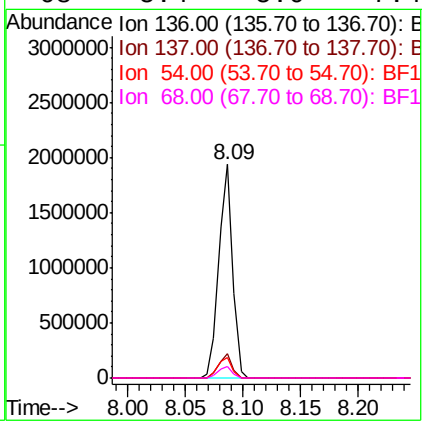


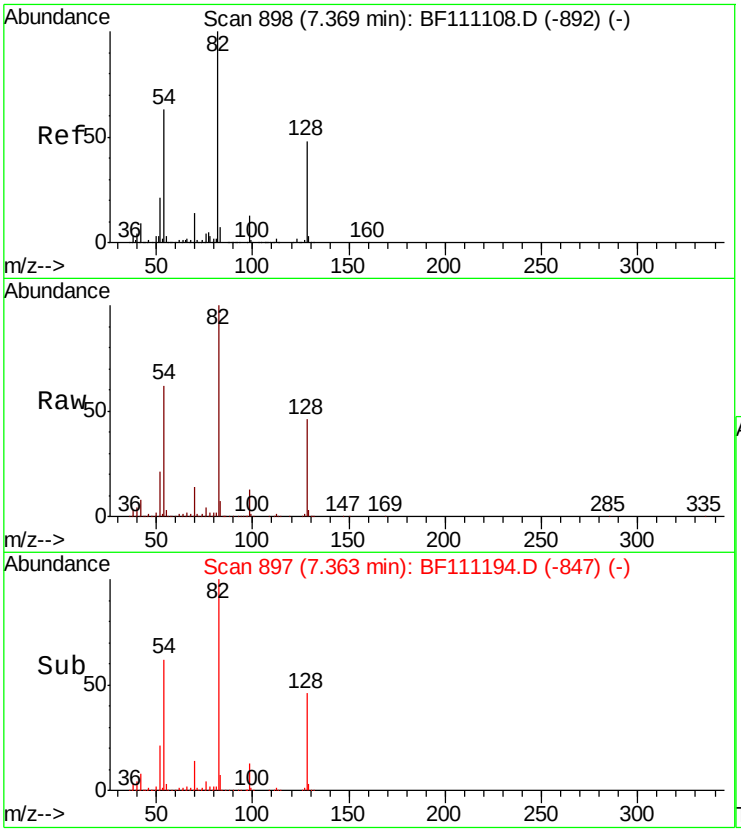


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111194.D
Acq: 7 Dec 2018 18:37

Tgt Ion:136 Resp: 1607101

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	9.7	8.4	12.6
68	5.4	5.0	7.4



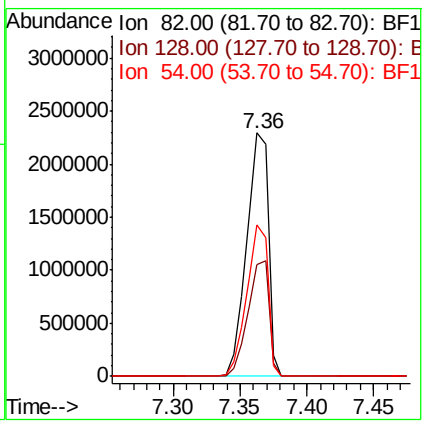


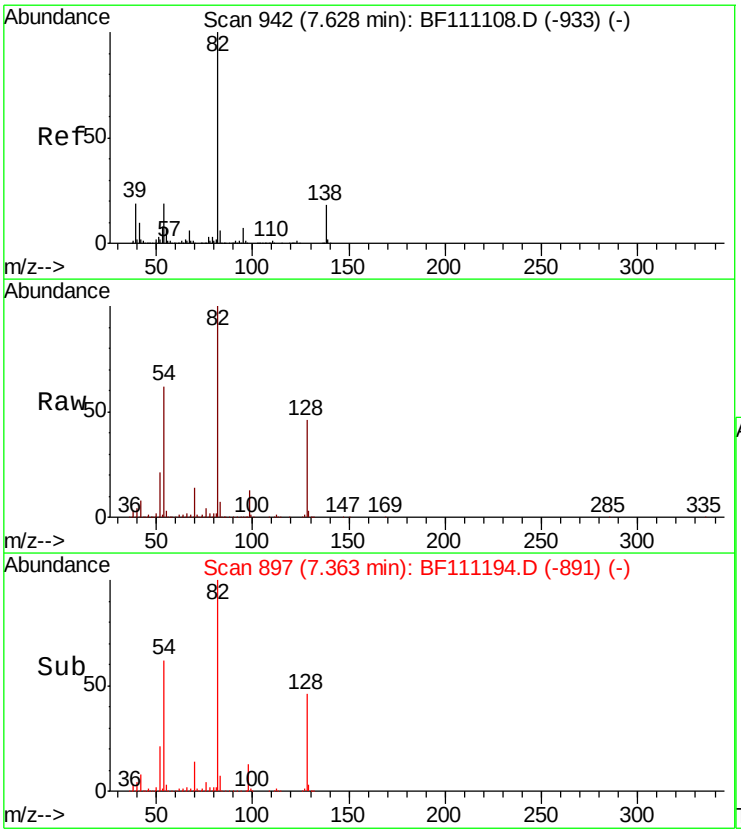
#23
Nitrobenzene-d5
Concen: 93.437 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111194.D
Acq: 7 Dec 2018 18:37

Instrument :
BNA_F
ClientSampleId :
SB-9(13-15)

Tgt Ion: 82 Resp: 2536397

Ion	Ratio	Lower	Upper
82	100		
128	45.9	38.1	57.1
54	62.0	50.3	75.5

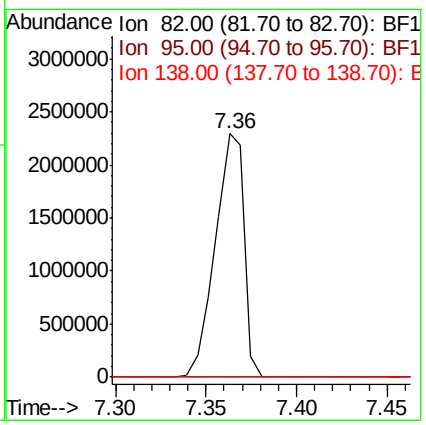


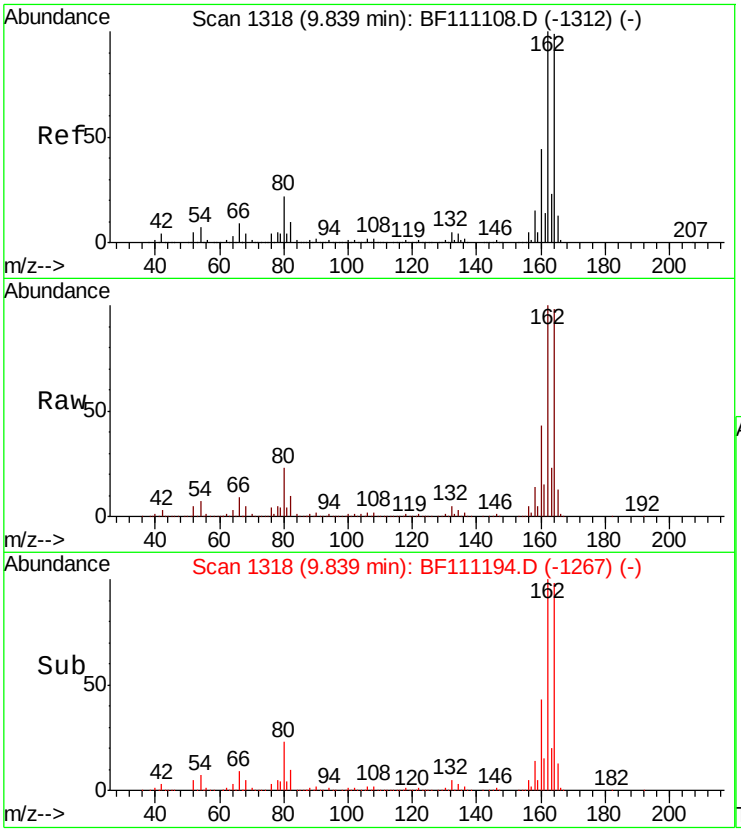


#25
Isophorone
Concen: 50.661 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF111194.D
Acq: 7 Dec 2018 18:37

Tgt Ion: 82 Resp: 2523814

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



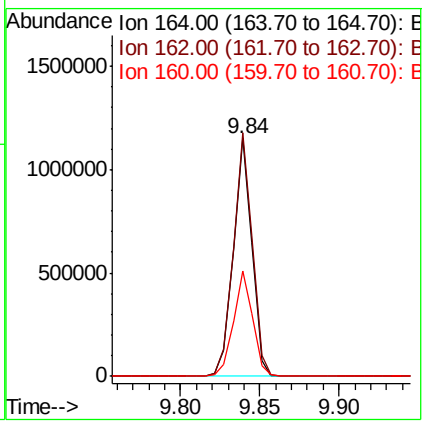


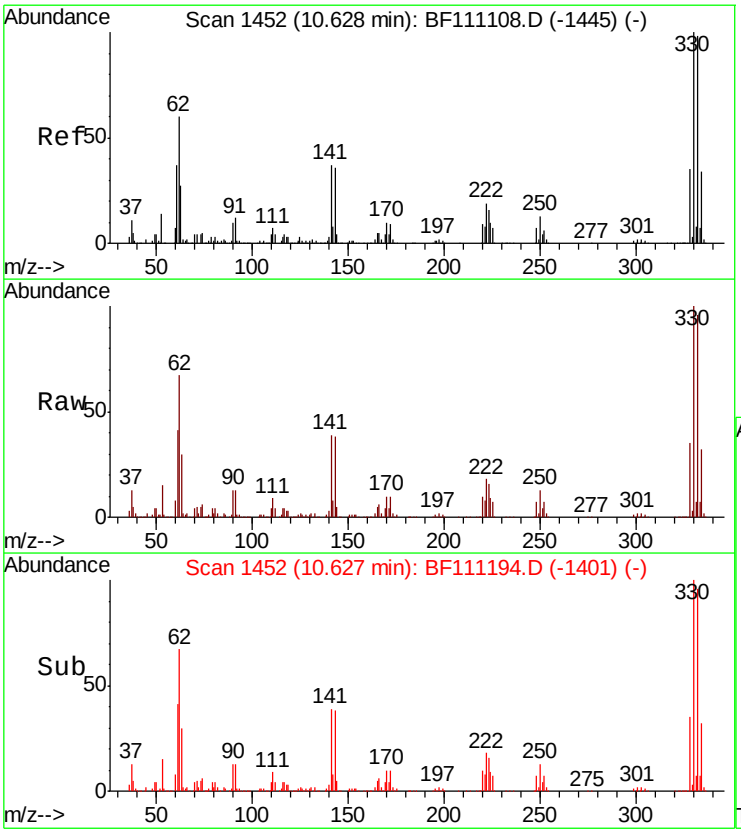
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111194.D
Acq: 7 Dec 2018 18:37

Instrument :
BNA_F
ClientSampleId :
SB-9(13-15)

Tgt Ion:164 Resp: 935738

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.6	120.8
160	44.3	35.5	53.3

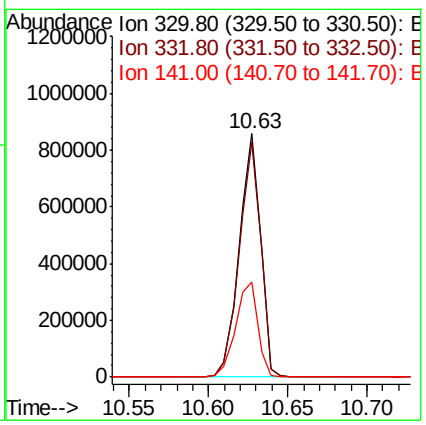


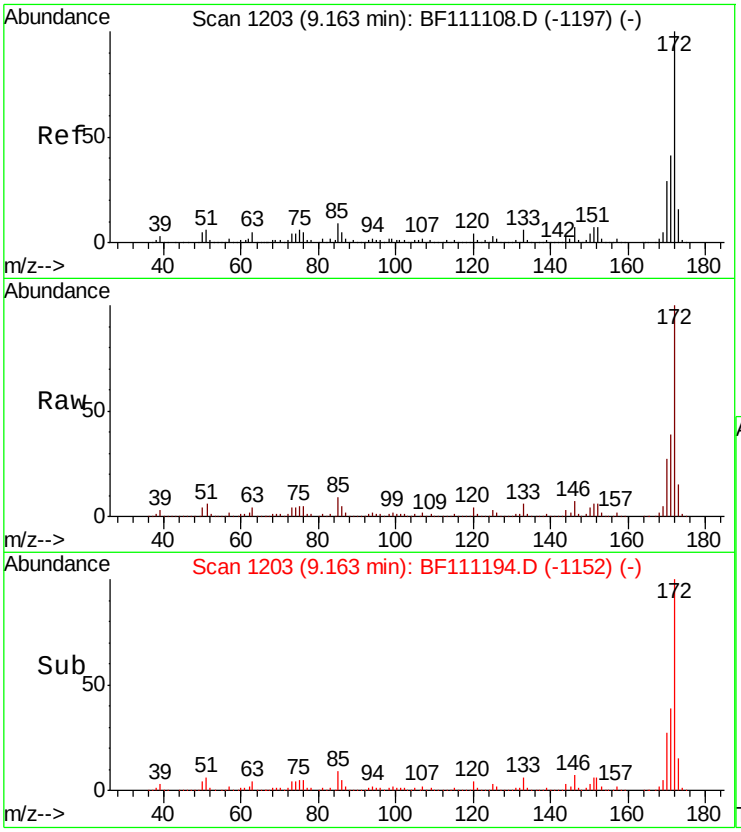


#42
2,4,6-Tribromophenol
Concen: 106.968 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111194.D
Acq: 7 Dec 2018 18:37

Tgt Ion:330 Resp: 795632

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.2	115.8
141	40.9	36.1	54.1



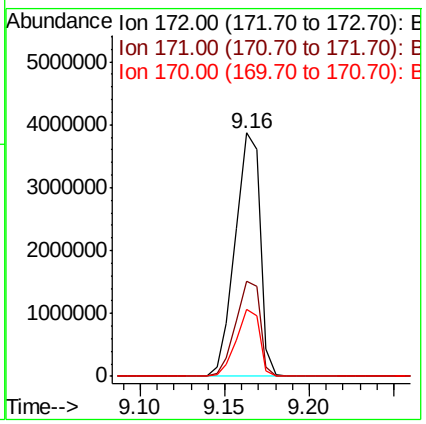


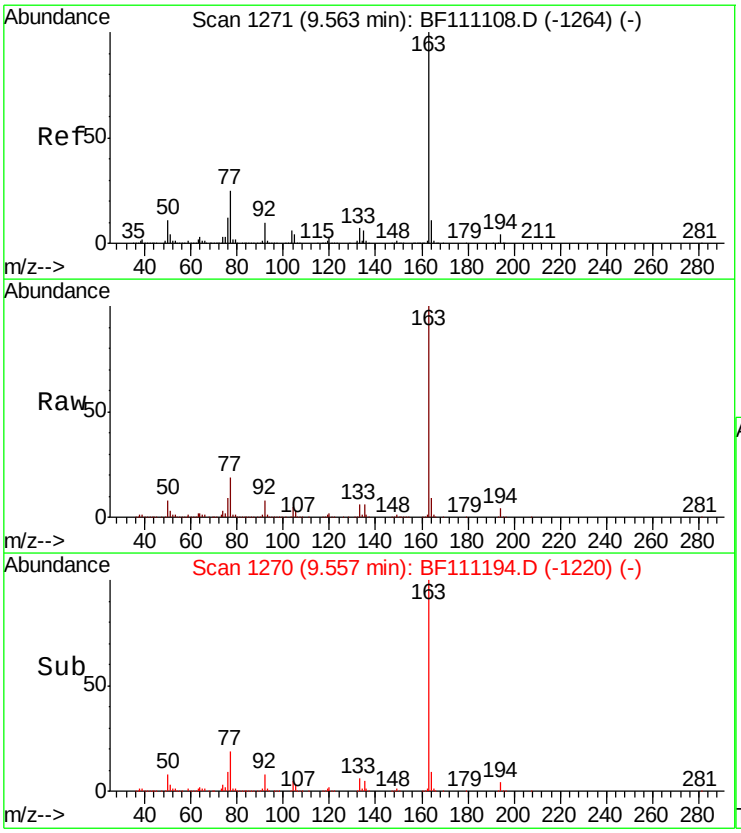
#45
2-Fluorobiphenyl
Concen: 77.678 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111194.D
Acq: 7 Dec 2018 18:37

Instrument :
BNA_F
ClientSampleId :
SB-9(13-15)

Tgt Ion:172 Resp: 3989310

Ion	Ratio	Lower	Upper
172	100		
171	39.3	33.2	49.8
170	27.3	22.9	34.3

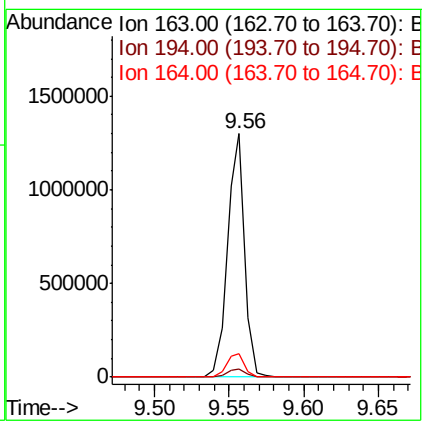


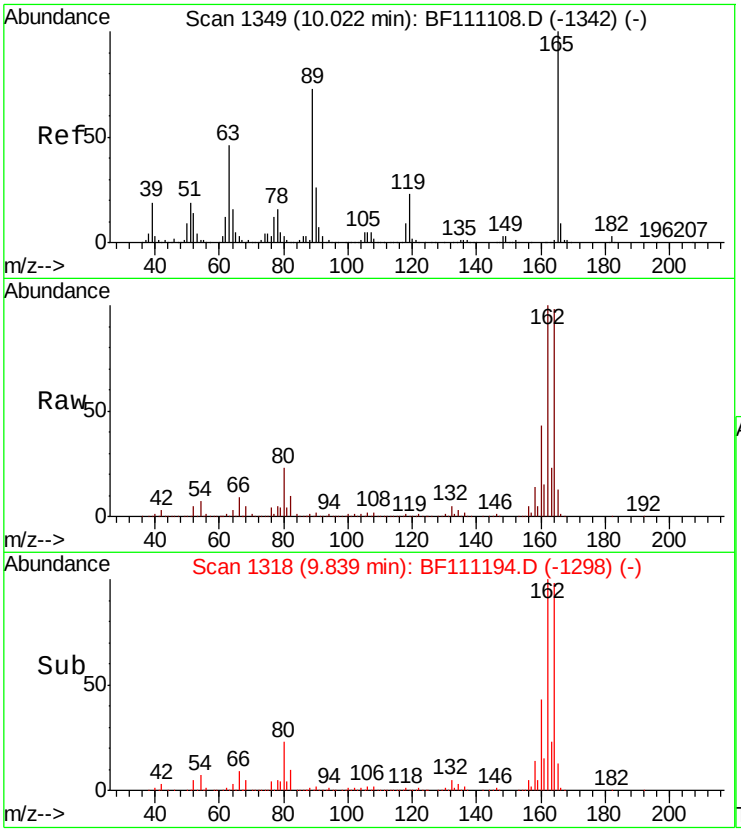


#50
Dimethylphthalate
Concen: 16.105 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111194.D
Acq: 7 Dec 2018 18:37

Tgt Ion:163 Resp: 1048838

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	9.4	8.9	13.3



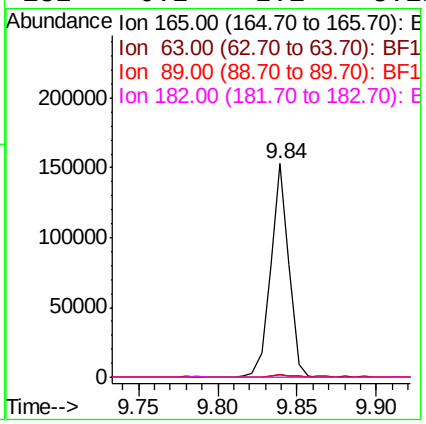


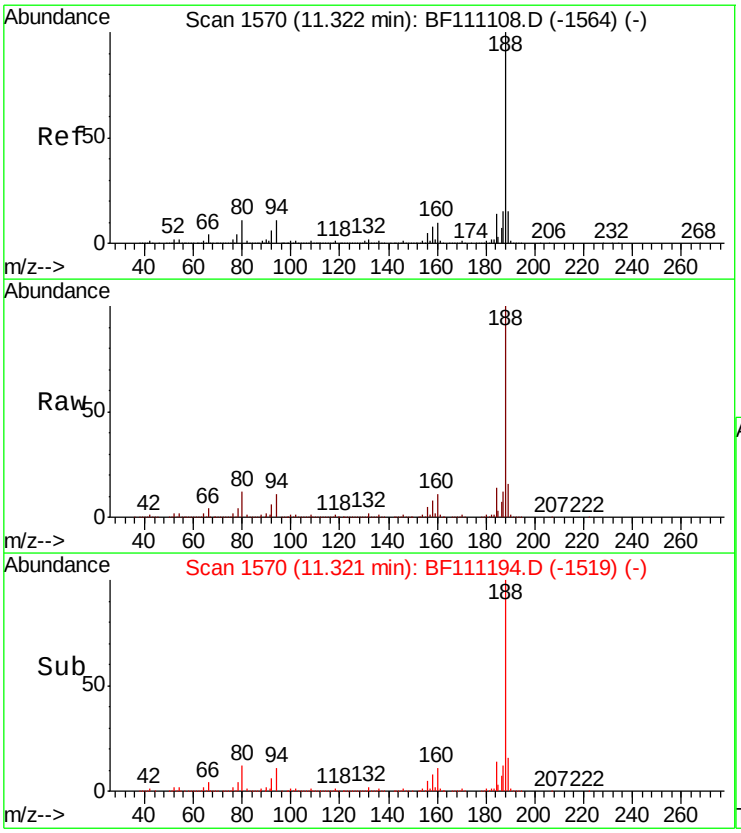
#57
2,4-Dinitrotoluene
Concen: 6.820 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF111194.D
Acq: 7 Dec 2018 18:37

Instrument :
BNA_F
ClientSampleId :
SB-9(13-15)

Tgt Ion:165 Resp: 121610

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.7	55.1#
89	1.1	58.4	87.6#
182	0.2	2.1	3.1#

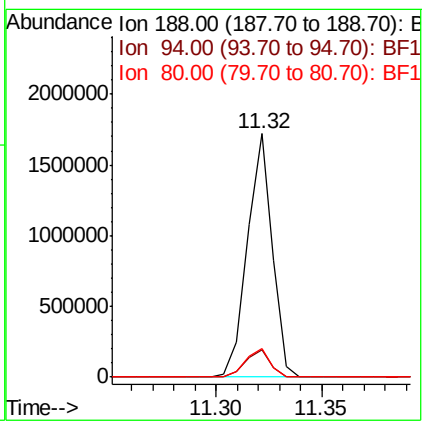


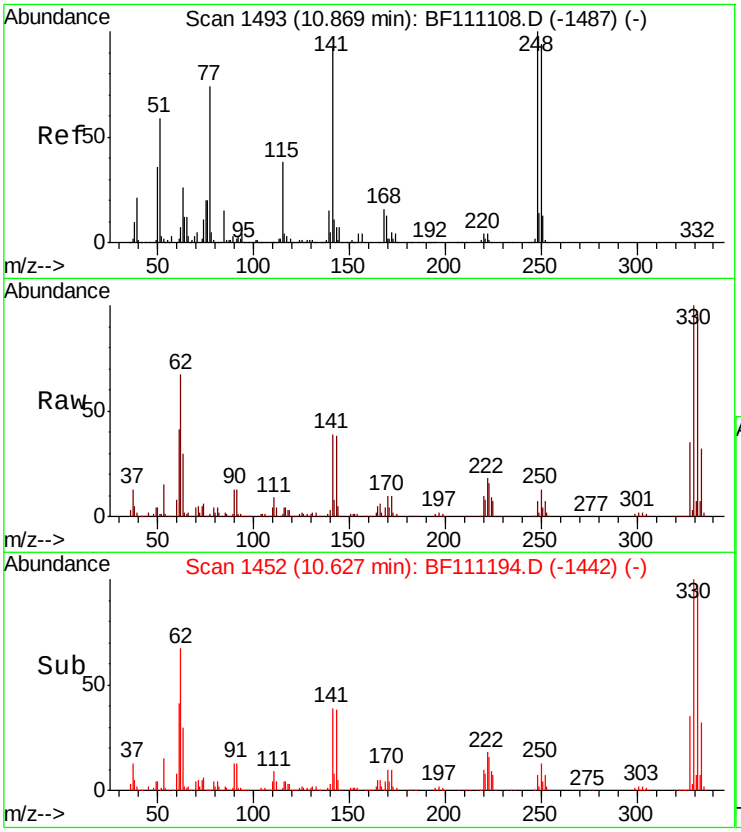


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111194.D
Acq: 7 Dec 2018 18:37

Tgt Ion:188 Resp: 1406159

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.8	9.0	13.6



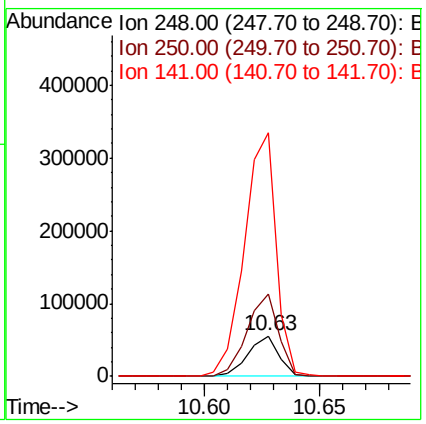


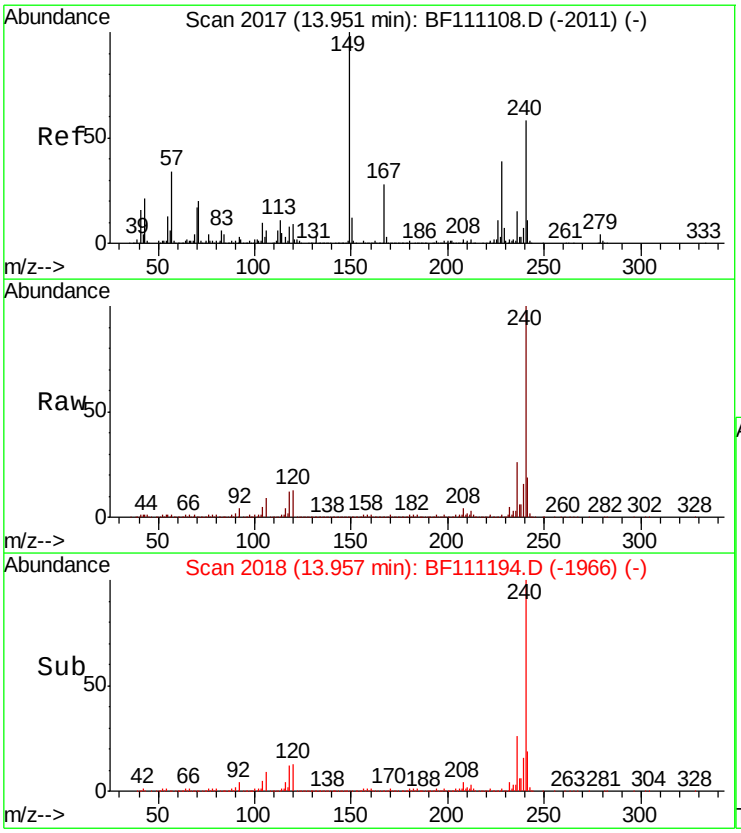
#67
4-Bromophenyl-phenylether
Concen: 3.512 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF111194.D
Acq: 7 Dec 2018 18:37

Instrument :
BNA_F
ClientSampleId :
SB-9(13-15)

Tgt Ion:248 Resp: 52275

Ion	Ratio	Lower	Upper
248	100		
250	204.2	75.4	113.0#
141	599.5	73.8	110.6#

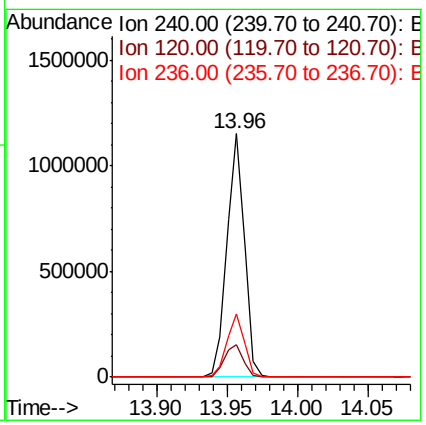


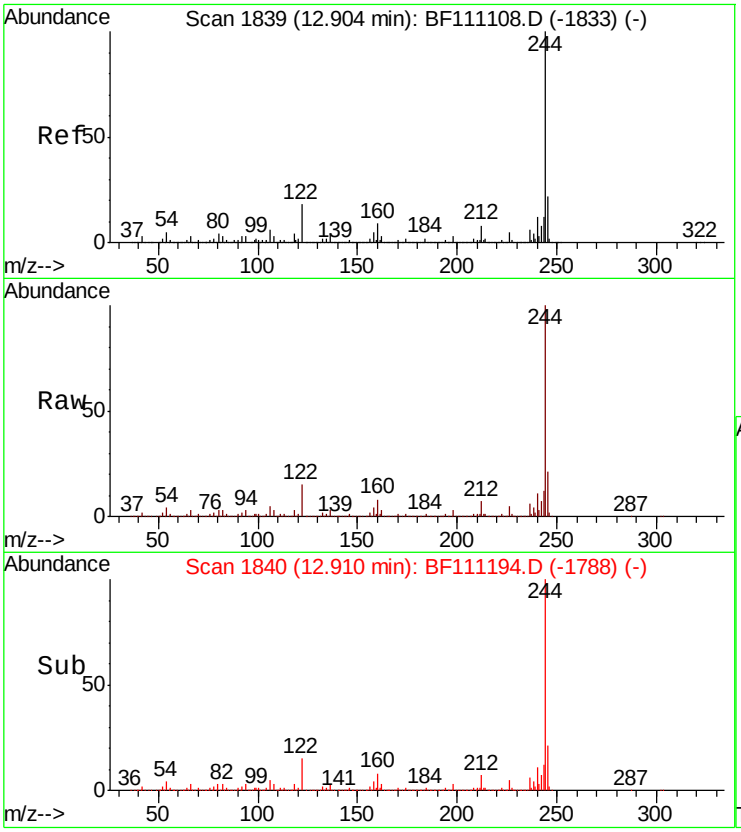


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111194.D
Acq: 7 Dec 2018 18:37

Tgt Ion:240 Resp: 989963

Ion	Ratio	Lower	Upper
240	100		
120	13.2	12.8	19.2
236	26.1	21.1	31.7



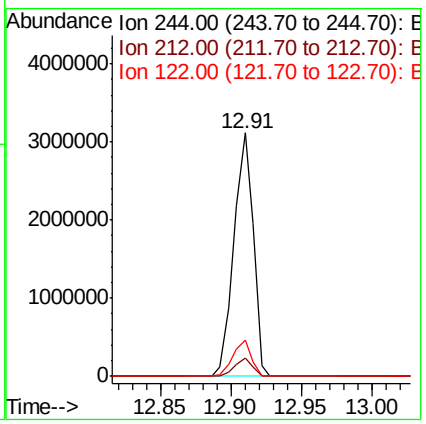


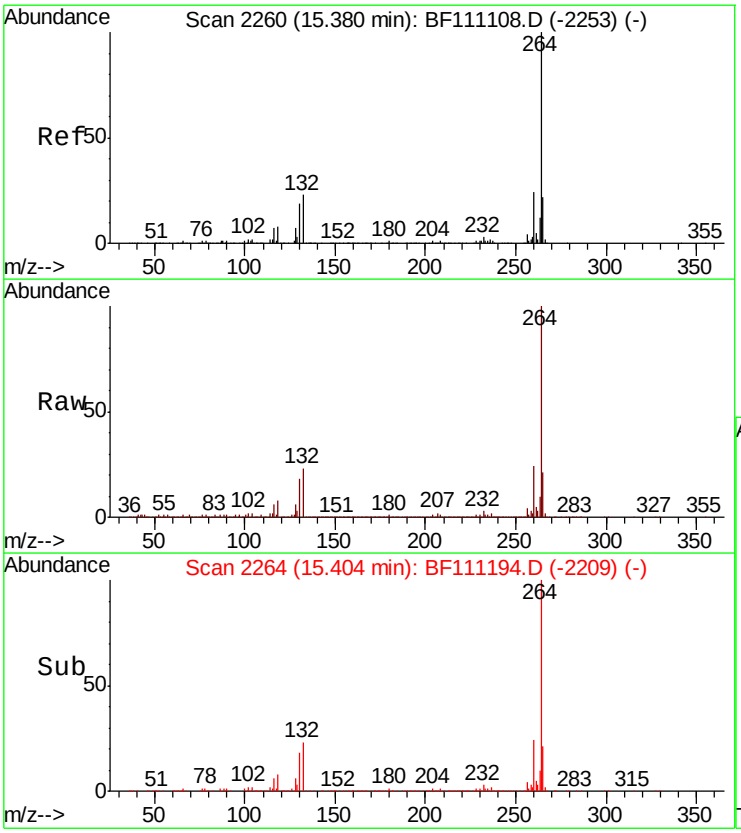
#79
Terphenyl-d14
Concen: 61.508 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111194.D
Acq: 7 Dec 2018 18:37

Instrument :
BNA_F
ClientSampleId :
SB-9(13-15)

Tgt Ion:244 Resp: 2973189

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.6	9.8
122	14.8	14.2	21.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF111194.D
Acq: 7 Dec 2018 18:37

Tgt Ion:264 Resp: 918768

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.4	17.4	26.0