Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100389.D
Acq On : 10 Nov 2017 14:27
Operator : SJ/JU
Sample : I6382-22 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 10 15:48:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	149087	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	585259	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	252594	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	364251	20.00	ng		0.00
75) Chrysene-d12	14.07	240	323533	20.00	ng		0.00
86) Perylene-d12	15.54	264	335674	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	25047	2.69	ng		-0.02
7) Phenol-d6	6.50	99	32469	2.83	ng		-0.02
23) Nitrobenzene-d5	7.45	82	18902	2.14	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	7550	2.93	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	42666	2.57	ng		-0.01
78) Terphenyl-d14	13.02	244	30884	2.19	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	8.10	122	333	9.413	ng		86
47) 2-Nitroaniline	9.49	65	1734	3.133	ng	#	12
53) 2,4-Dinitrophenol	10.13	184	524	8.249	ng	#	1
61) 4-Nitroaniline	10.40	138	13669	3.198	ng		77
64) 4,6-Dinitro-2-methylphenol	10.56	198	1445	9.215	ng	#	1
70) Phenanthrene	11.46	178	39160	2.042	ng	#	67
83) Bis(2-ethylhexyl)phthalate	14.03	149	202550	16.374	ng	#	95

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100389.D
Acq On : 10 Nov 2017 14:27
Operator : SJ/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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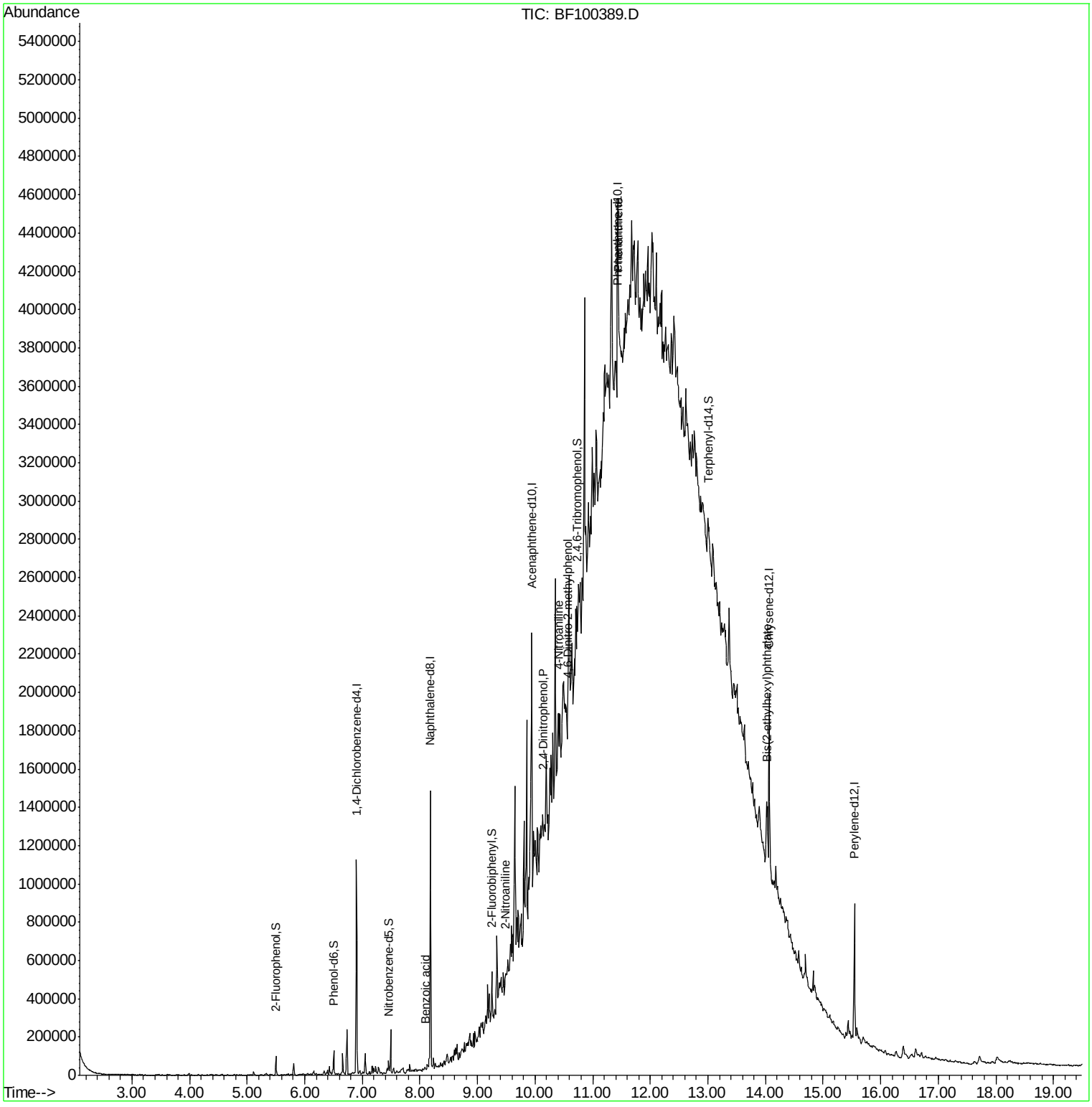
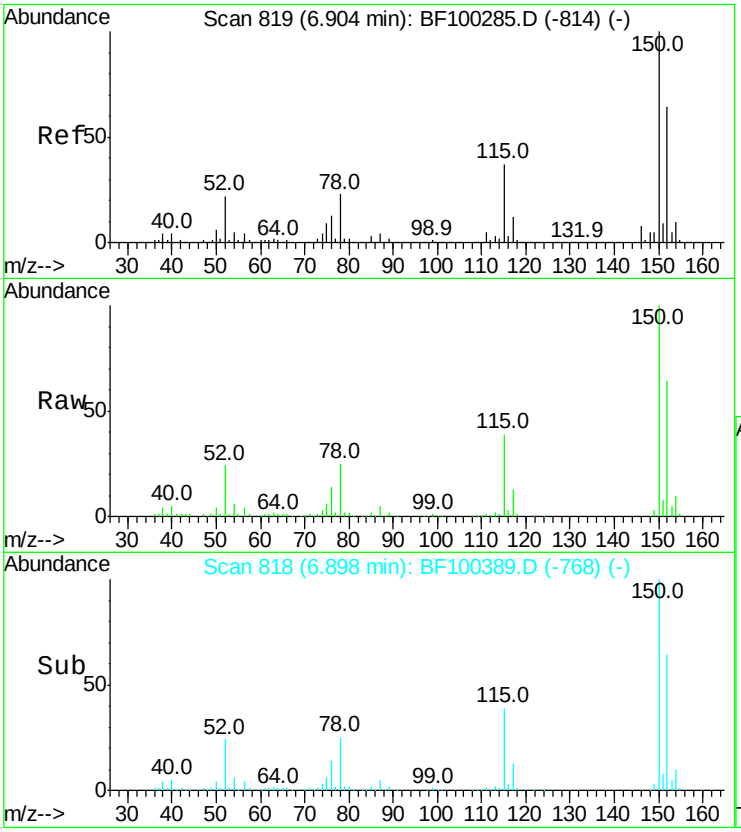


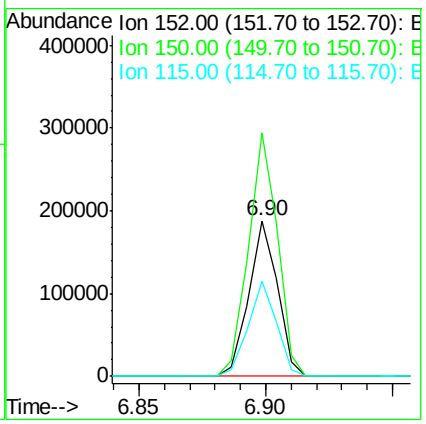


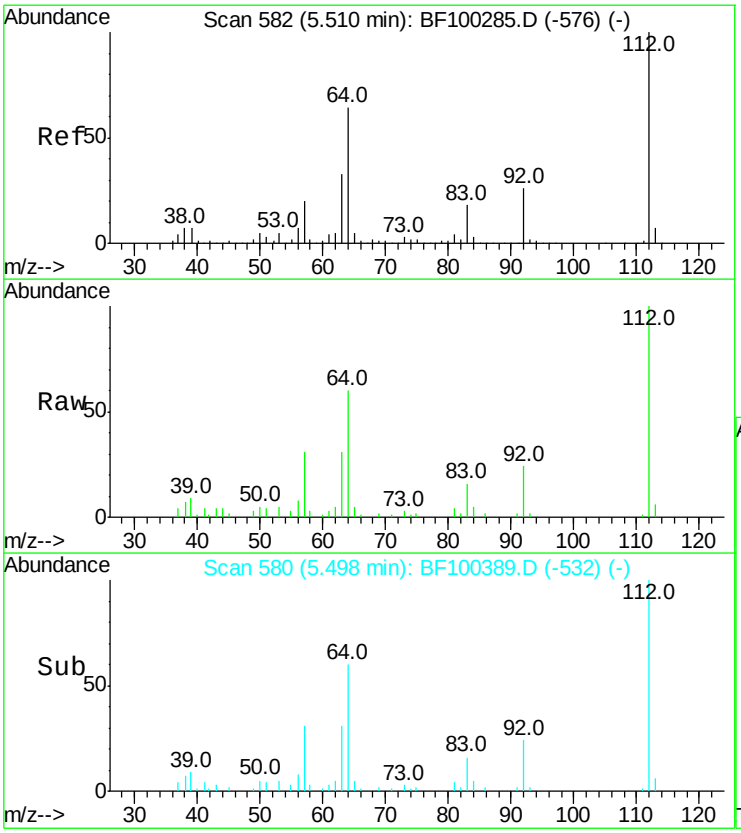
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100389.D
Acq: 10 Nov 2017 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 149087

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	61.0	50.1	75.1

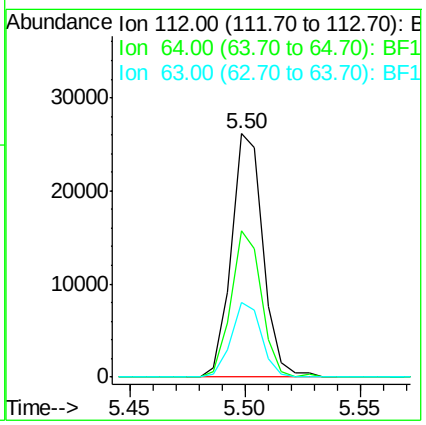


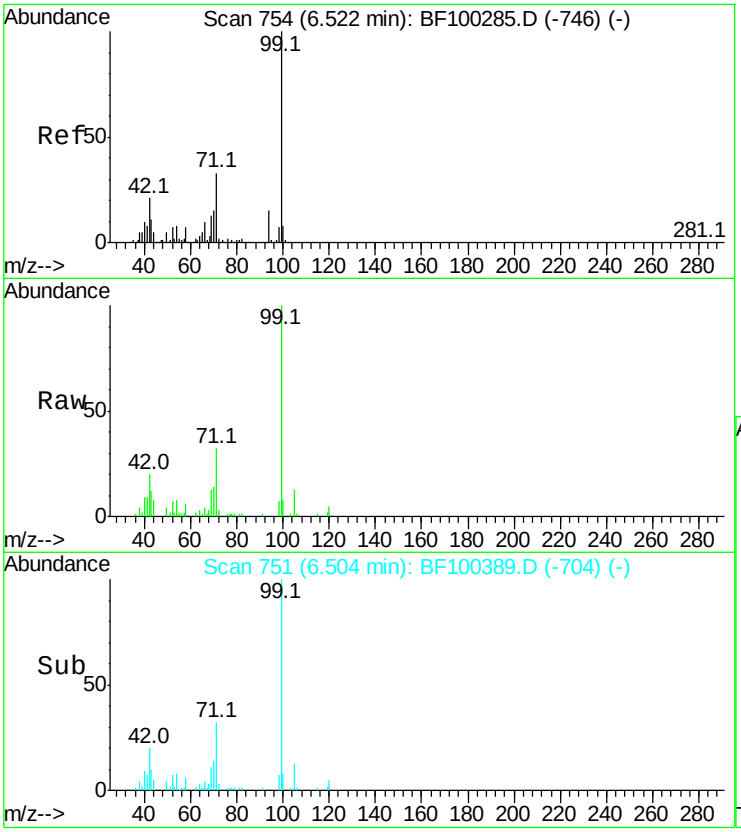


#5
2-Fluorophenol
Concen: 2.693 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.02 min
Lab File: BF100389.D
Acq: 10 Nov 2017 14:27

Tgt Ion:112 Resp: 25047

Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	30.9	23.7	35.5



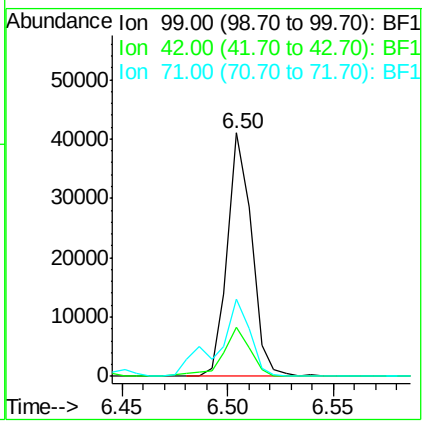


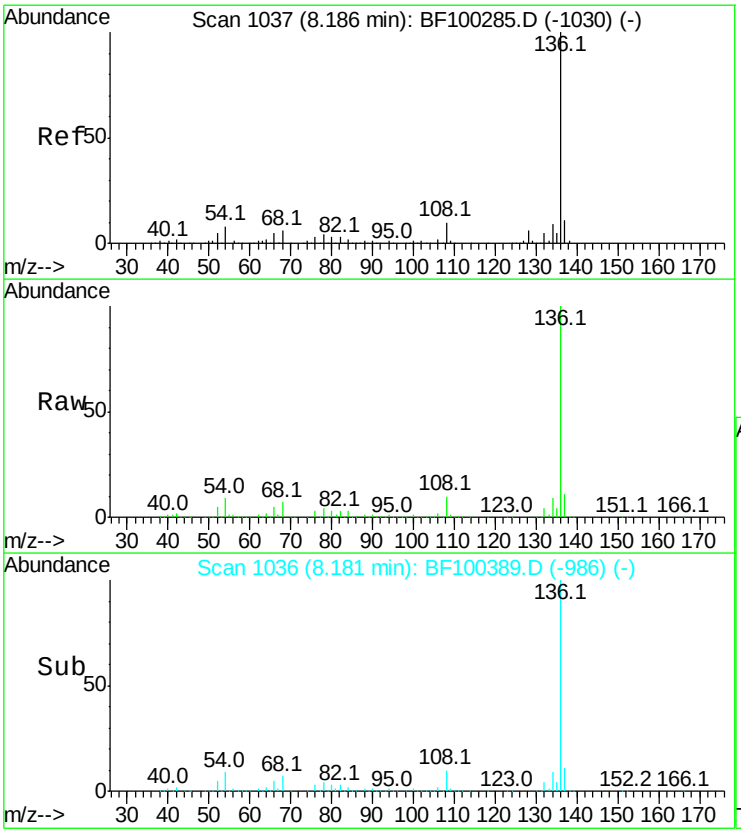
#7
Phenol-d6
Concen: 2.831 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF100389.D
Acq: 10 Nov 2017 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 32469

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	31.9	25.4	38.0

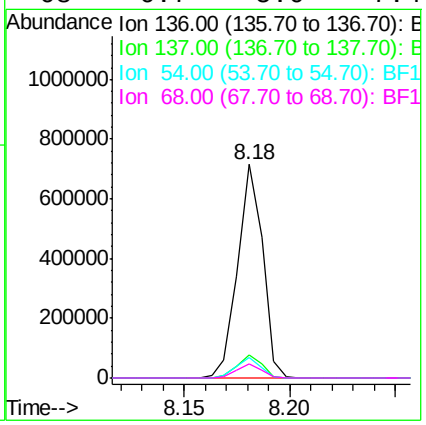


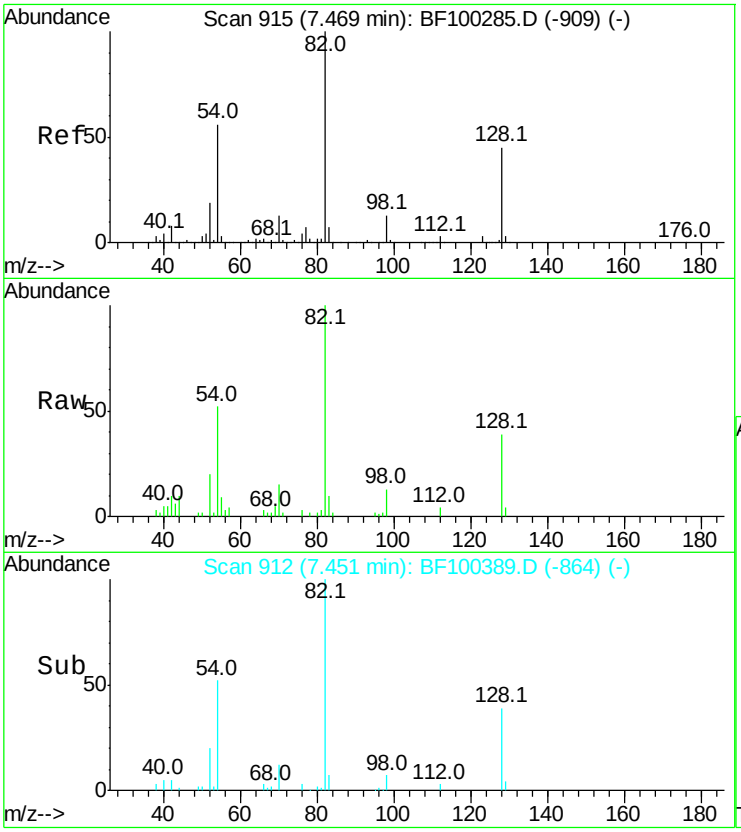


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100389.D
Acq: 10 Nov 2017 14:27

Tgt Ion:136 Resp: 585259

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.4	6.6	9.8
68	6.7	5.0	7.4



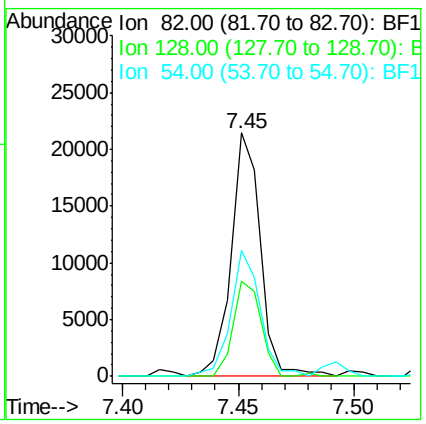


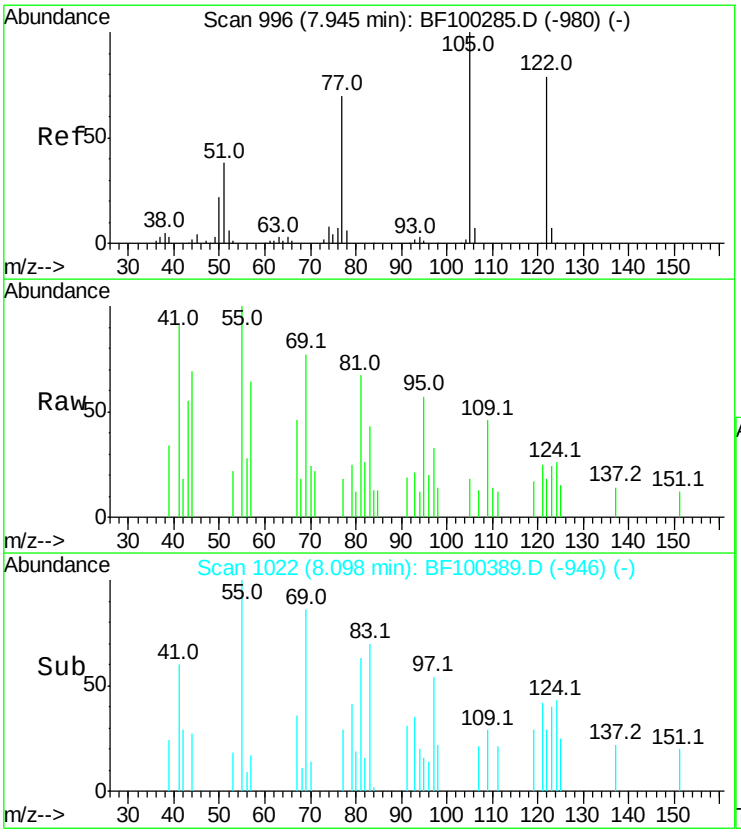
#23
Nitrobenzene-d5
Concen: 2.135 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF100389.D
Acq: 10 Nov 2017 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 18902

Ion	Ratio	Lower	Upper
82	100		
128	39.3	36.1	54.1
54	51.9	41.4	62.2

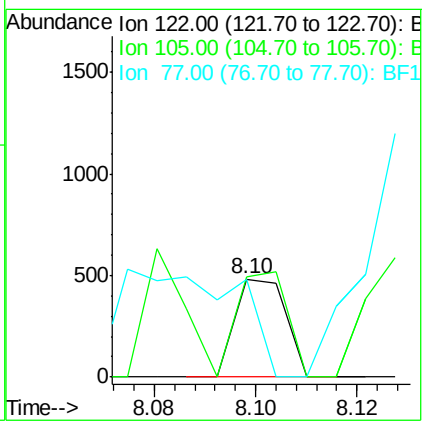


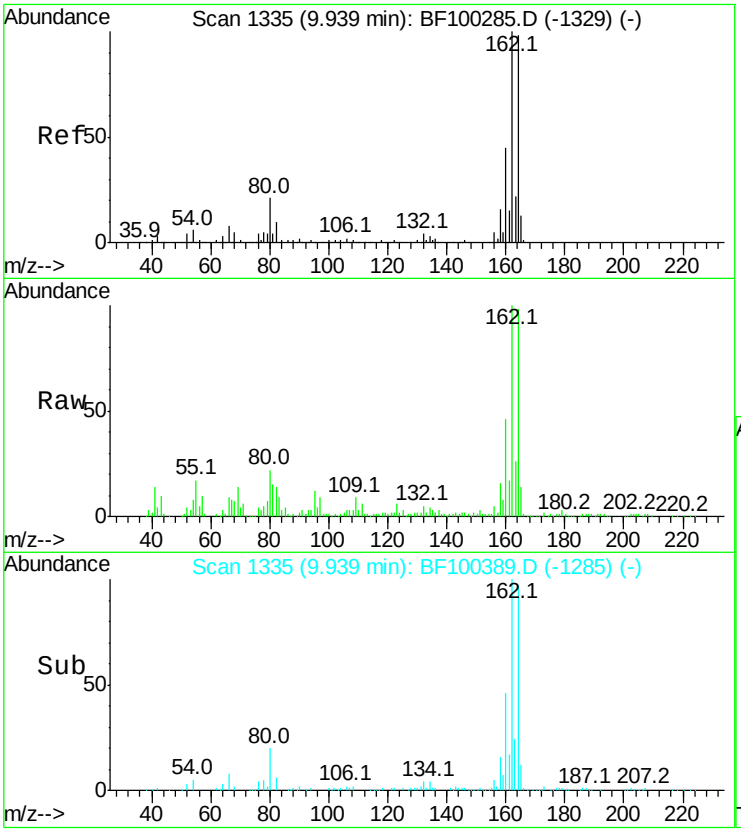


#32
Benzoic acid
Concen: 9.413 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.15 min
Lab File: BF100389.D
Acq: 10 Nov 2017 14:27

Tgt Ion:122 Resp: 333

Ion	Ratio	Lower	Upper
122	100		
105	102.1	101.1	141.1
77	100.0	70.7	110.7



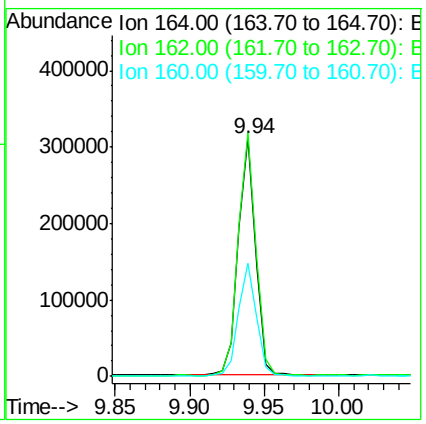


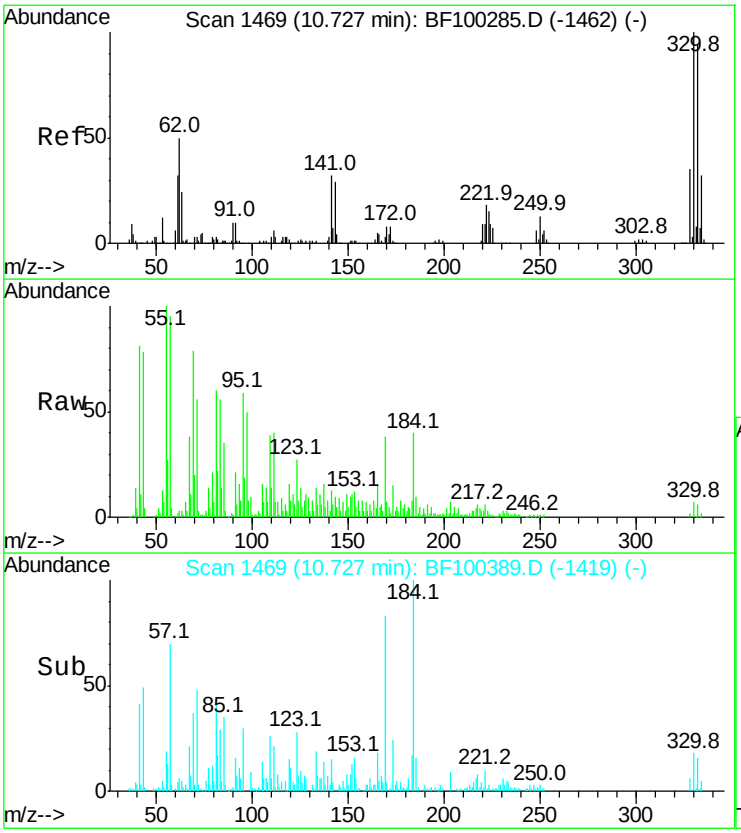
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100389.D
Acq: 10 Nov 2017 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 252594

Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	47.3	38.3	57.5

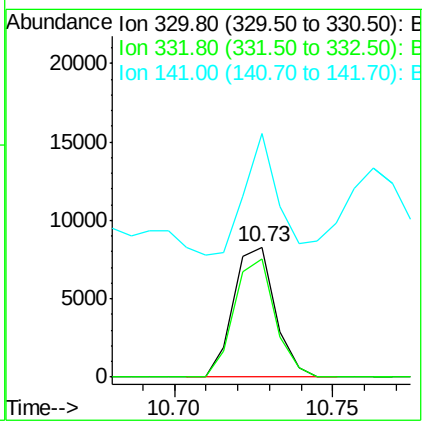


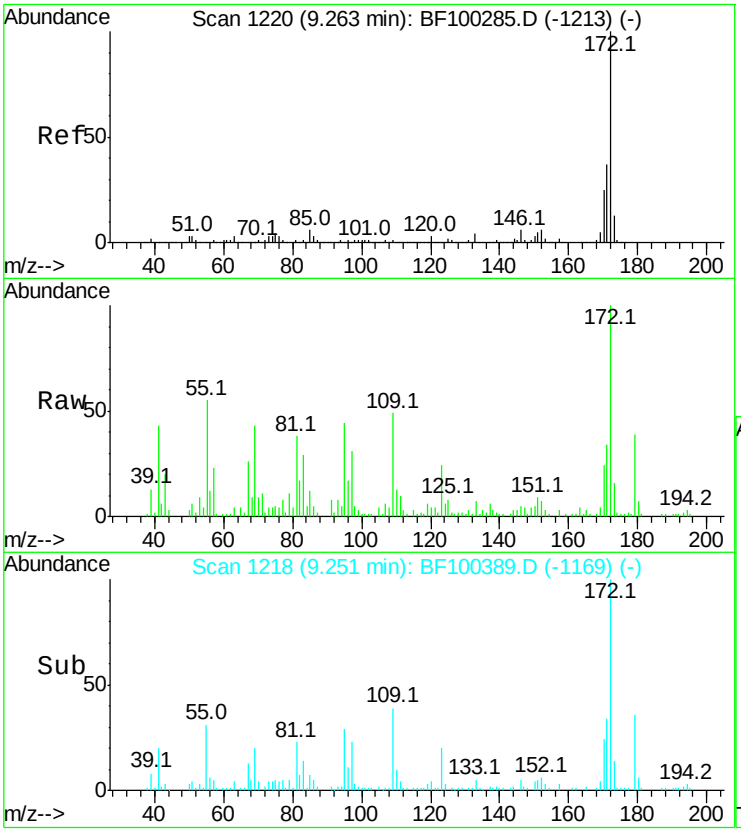


#41
2,4,6-Tribromophenol
Concen: 2.933 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100389.D
Acq: 10 Nov 2017 14:27

Tgt Ion:330 Resp: 7550

Ion	Ratio	Lower	Upper
330	100		
332	89.1	77.0	115.6
141	72.2	29.9	44.9#



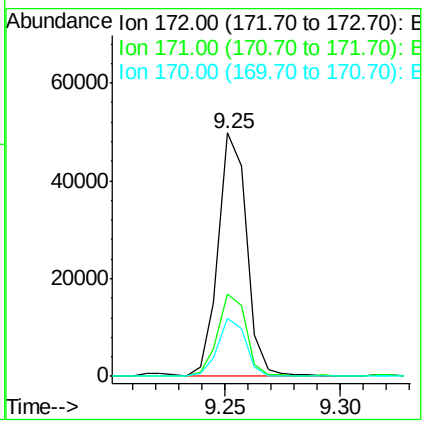


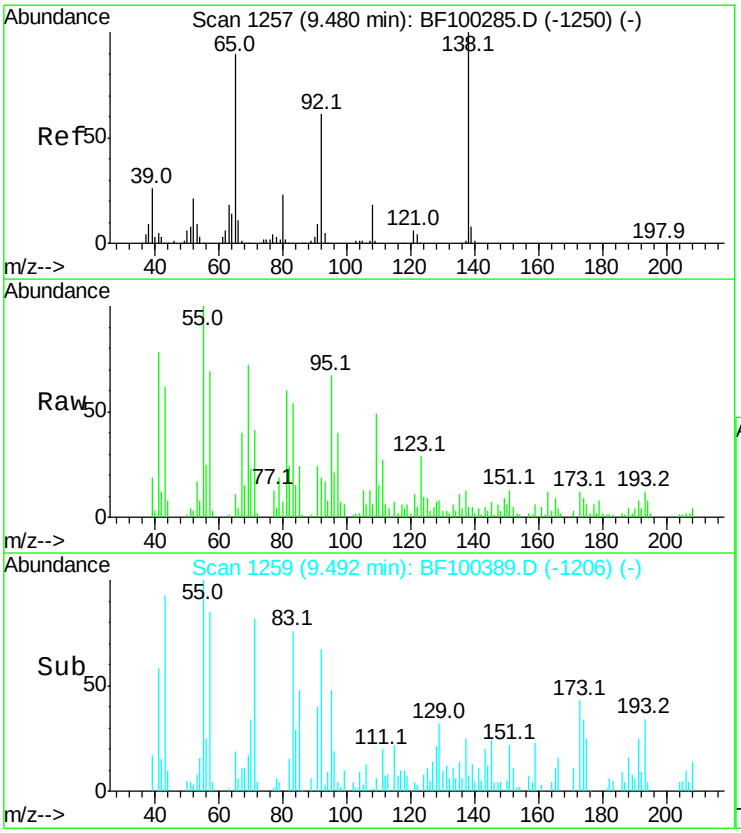
#44
2-Fluorobiphenyl
Concen: 2.572 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF100389.D
Acq: 10 Nov 2017 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 42666

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.7	44.5
170	24.0	19.6	29.4

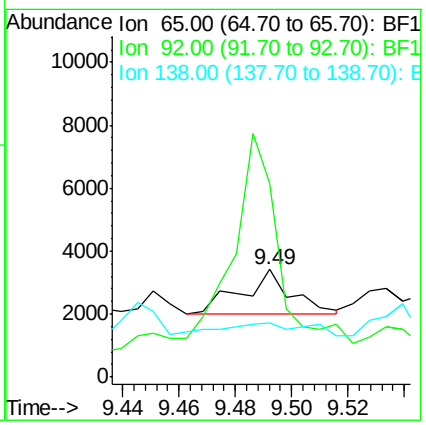


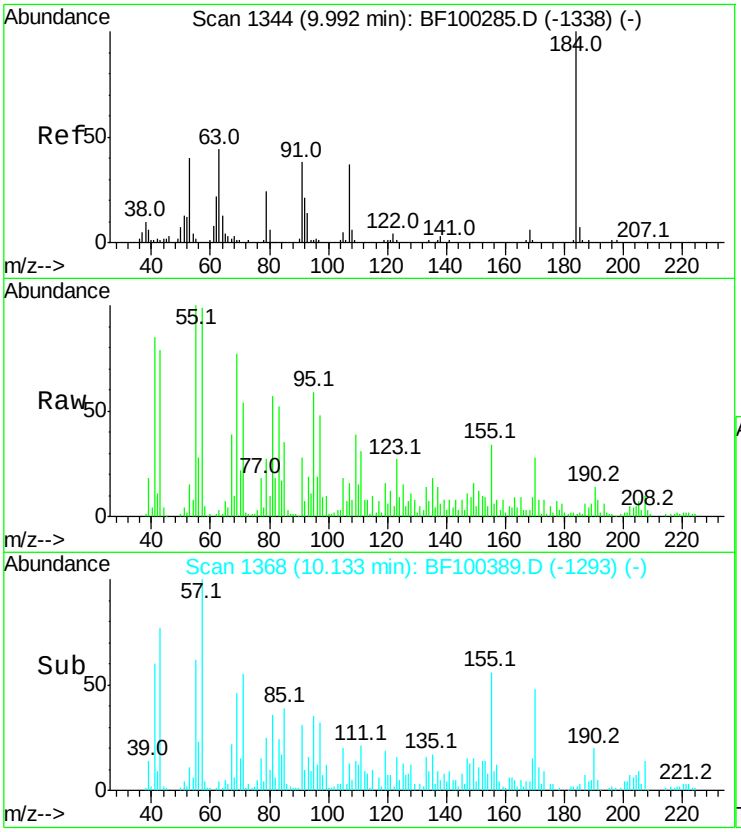


#47
2-Nitroaniline
Concen: 3.133 ng
RT: 9.49 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BF100389.D
Acq: 10 Nov 2017 14:27

Tgt Ion: 65 Resp: 1734

Ion	Ratio	Lower	Upper
65	100		
92	179.5	55.8	83.6#
138	49.8	91.2	136.8#



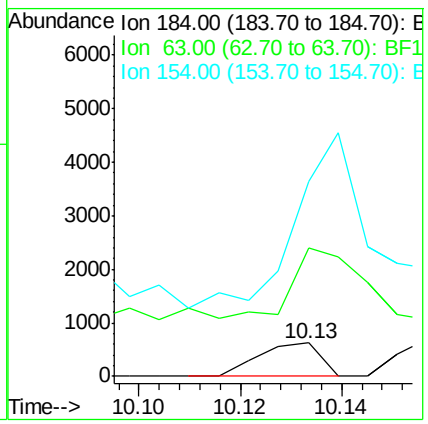


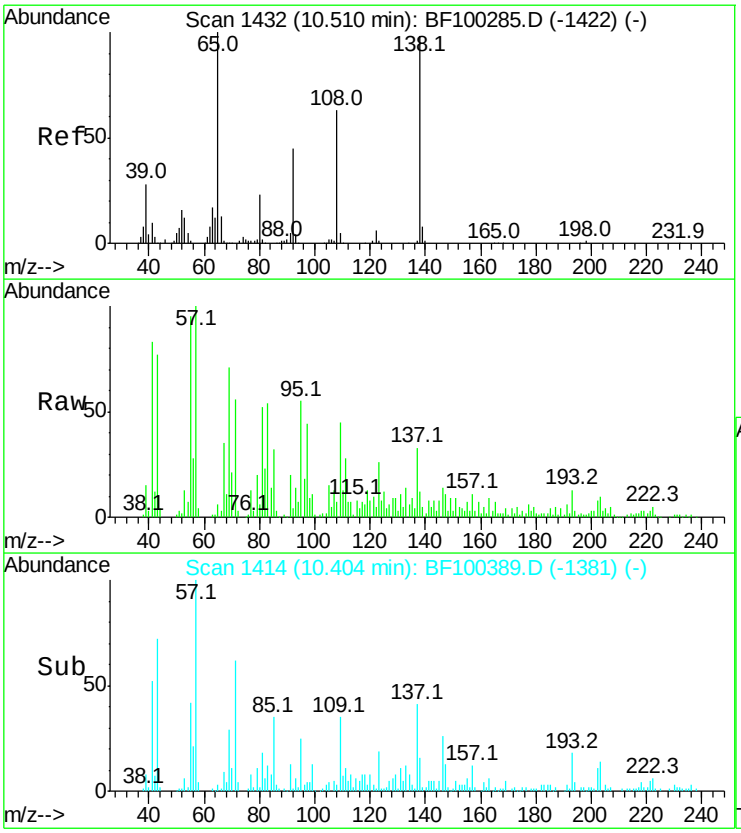
#53
2,4-Dinitrophenol
Concen: 8.249 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.14 min
Lab File: BF100389.D
Acq: 10 Nov 2017 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 524

Ion	Ratio	Lower	Upper
184	100		
63	381.4	54.2	81.2#
154	581.1	184.0	276.0#

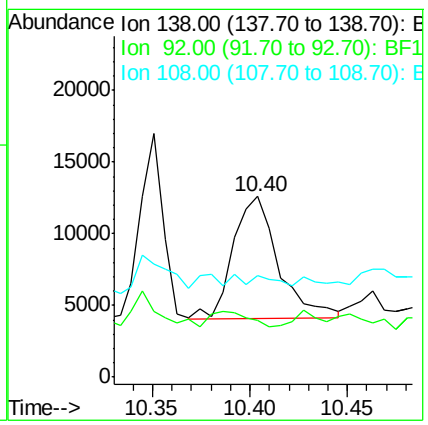


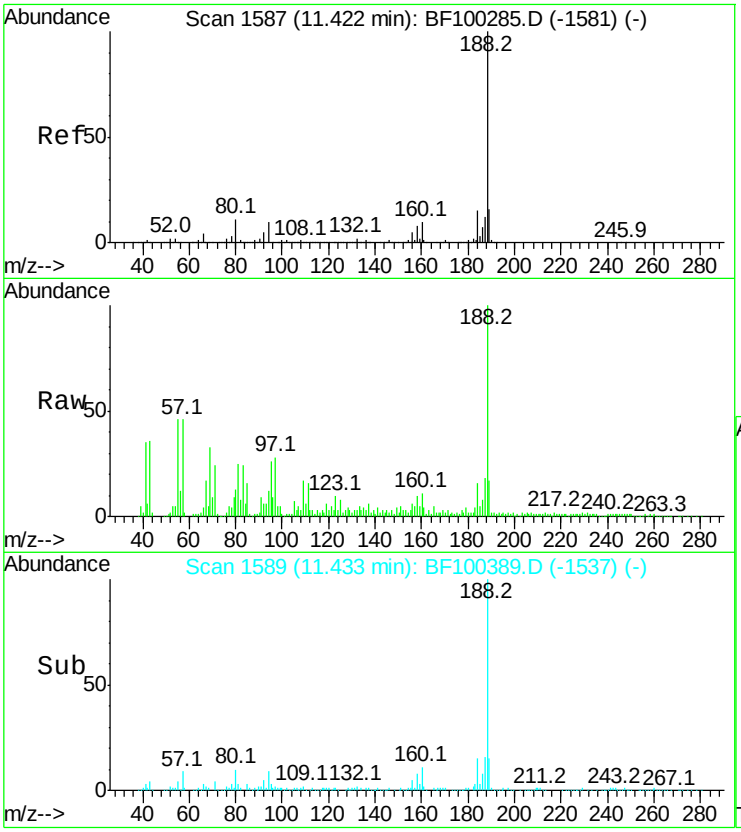


#61
4-Nitroaniline
Concen: 3.198 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.11 min
Lab File: BF100389.D
Acq: 10 Nov 2017 14:27

Tgt Ion:138 Resp: 13669

Ion	Ratio	Lower	Upper
138	100		
92	31.7	30.2	70.2
108	56.0	52.5	92.5



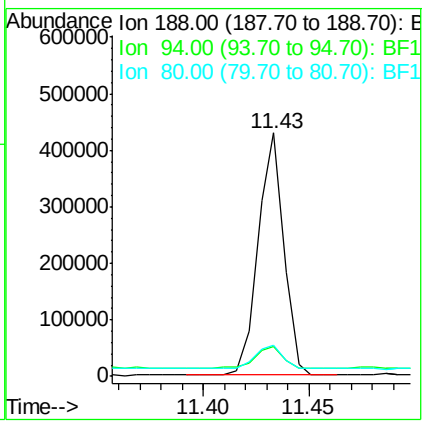


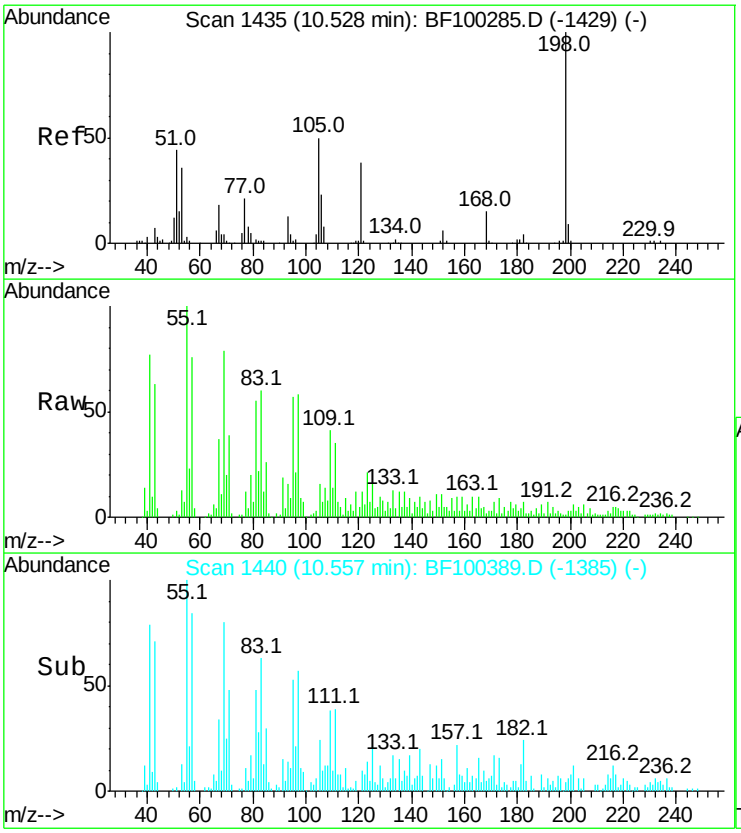
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.01 min
Lab File: BF100389.D
Acq: 10 Nov 2017 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 364251

Ion	Ratio	Lower	Upper
188	100		
94	12.3	8.5	12.7
80	13.0	9.2	13.8

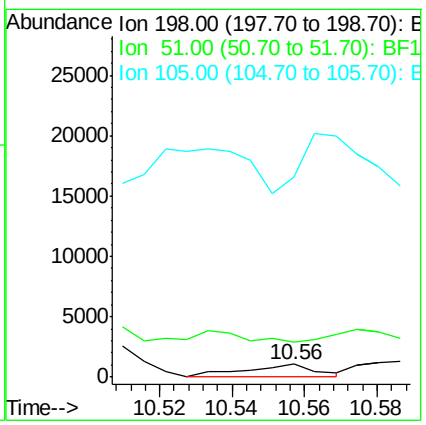


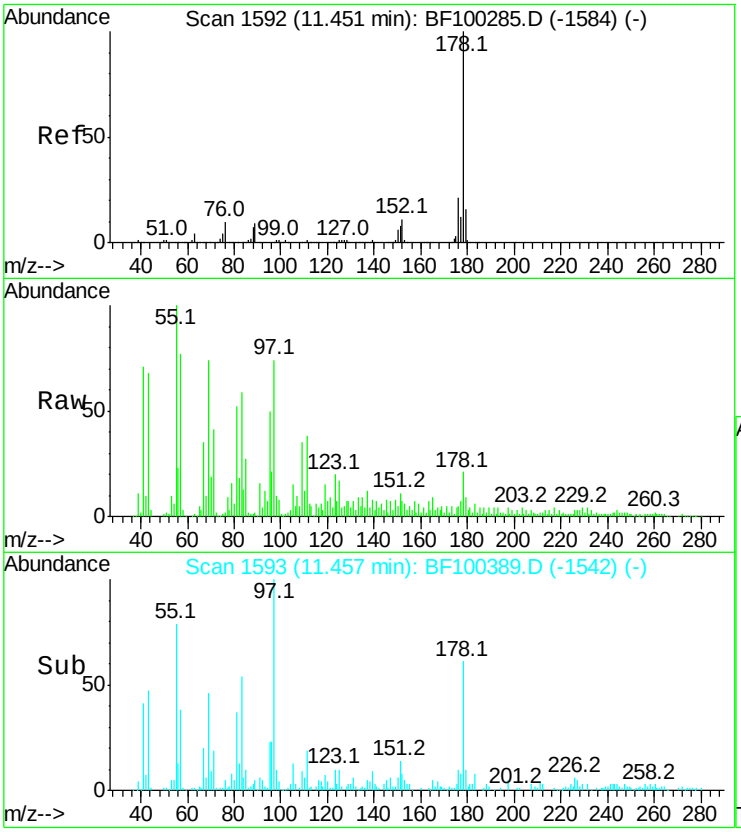


#64
4,6-Dinitro-2-methylphenol
Concen: 9.215 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.02 min
Lab File: BF100389.D
Acq: 10 Nov 2017 14:27

Tgt Ion:198 Resp: 1445

Ion	Ratio	Lower	Upper
198	100		
51	272.3	37.7	77.7#
105	1566.7	36.3	76.3#



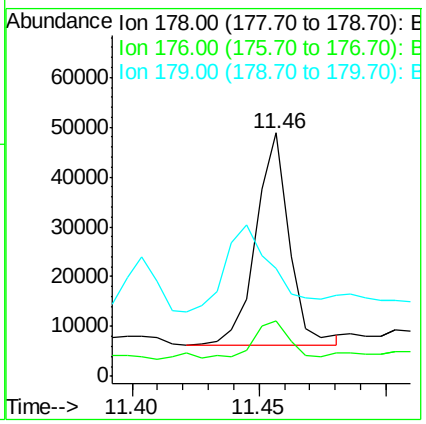


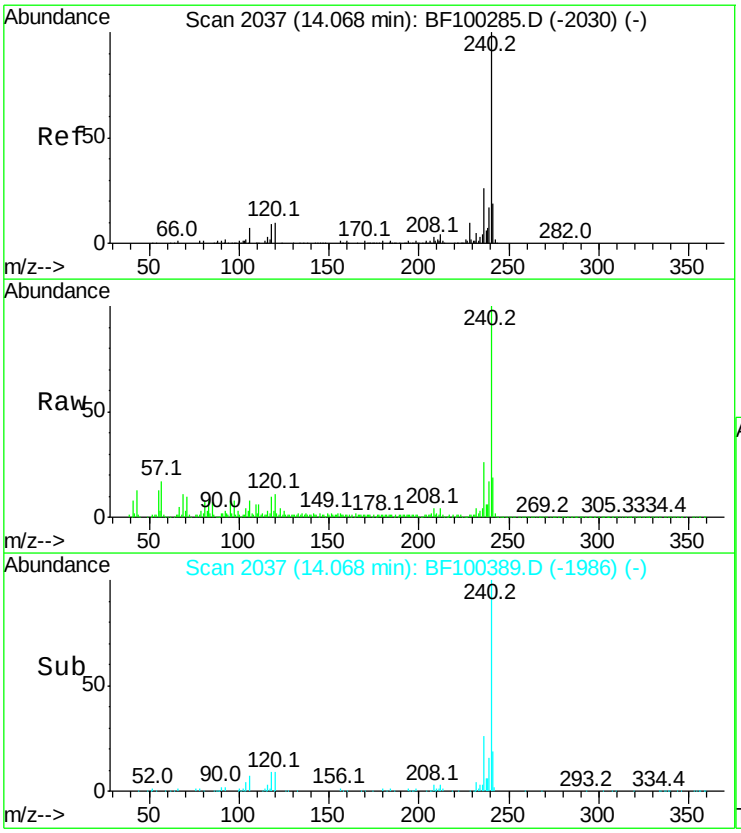
#70
Phenanthrene
Concen: 2.042 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BF100389.D
Acq: 10 Nov 2017 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 39160

Ion	Ratio	Lower	Upper
178	100		
176	23.0	15.8	23.8
179	44.1	13.0	19.6#

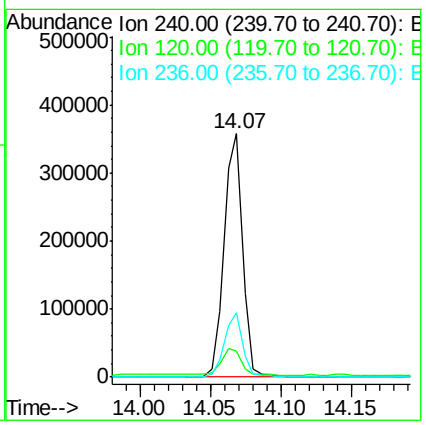


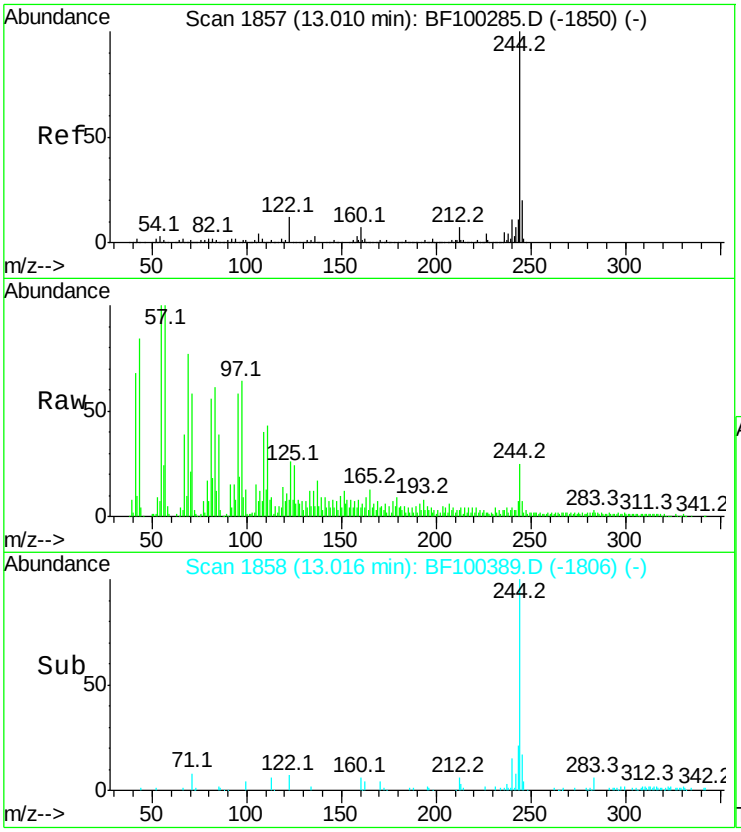


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF100389.D
Acq: 10 Nov 2017 14:27

Tgt Ion:240 Resp: 323533

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	26.3	20.7	31.1



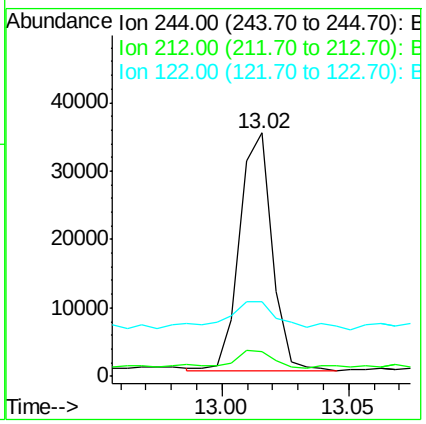


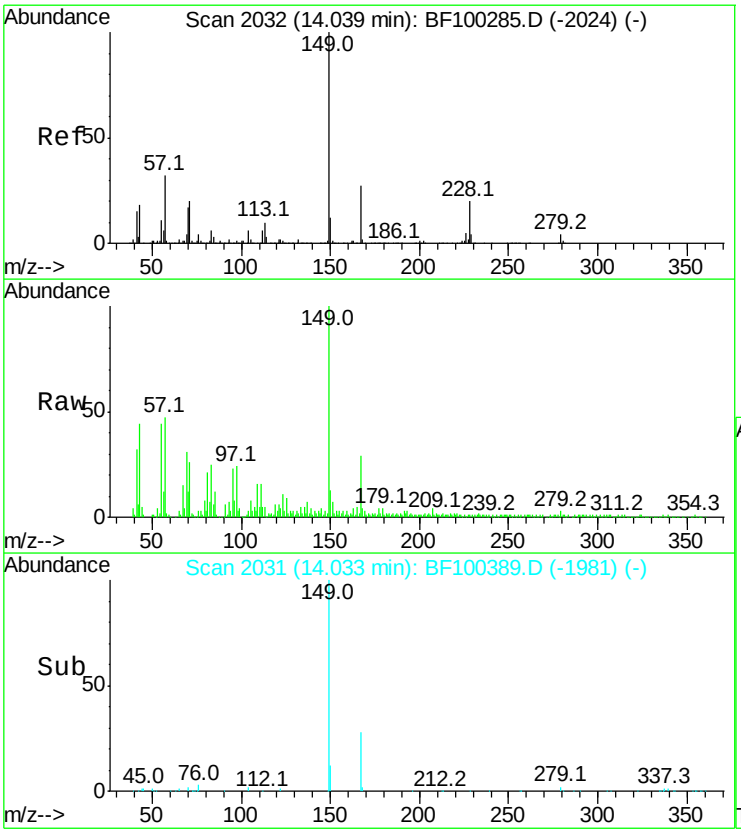
#78
Terphenyl-d14
Concen: 2.193 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.01 min
Lab File: BF100389.D
Acq: 10 Nov 2017 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 30884

Ion	Ratio	Lower	Upper
244	100		
212	10.0	5.4	8.0#
122	30.6	11.0	16.4#

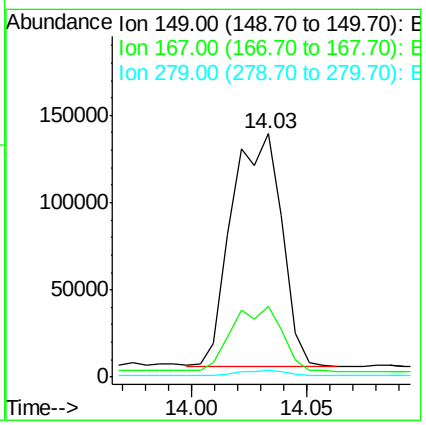


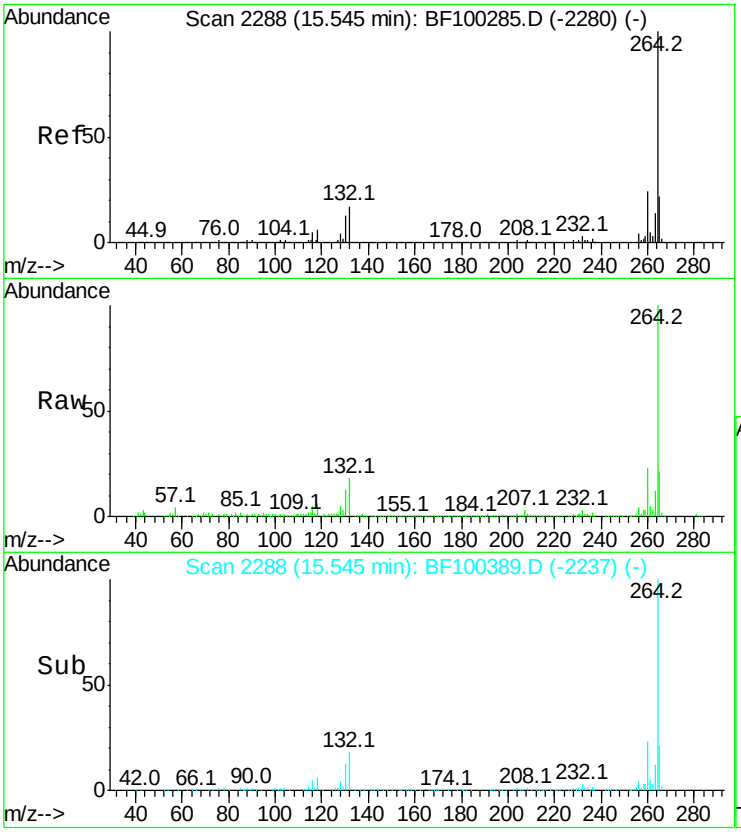


#83
Bis(2-ethylhexyl)phthalate
Concen: 16.374 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100389.D
Acq: 10 Nov 2017 14:27

Tgt Ion:149 Resp: 202550

Ion	Ratio	Lower	Upper
149	100		
167	29.1	21.3	31.9
279	2.6	3.0	4.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100389.D
Acq: 10 Nov 2017 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 335674

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.8	17.5	26.3