Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098428.D
Acq On : 12 Sep 2017 3:20
Operator : SJ/JU
Sample : I5138-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-UTS-TS011-01

Quant Time: Sep 12 03:47:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	241229	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	987797	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	410729	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	651402	20.00	ng		0.00
75) Chrysene-d12	13.81	240	381415	20.00	ng		0.00
86) Perylene-d12	15.22	264	392404	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	2058638	126.18	ng		0.01
7) Phenol-d6	6.33	99	2527725	122.02	ng		0.00
23) Nitrobenzene-d5	7.24	82	1601992	90.41	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	380712	138.88	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	1913334	78.96	ng		0.00
78) Terphenyl-d14	12.76	244	1086461	61.48	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.33	94	150041	6.236	ng		96
19) n-Nitroso-di-n-propylamine	7.24	70	217972	16.728	ng	#	80
25) Isophorone	7.24	82	1573159	43.883	ng	#	67
32) Benzoic acid	7.77	122	295	7.993	ng	#	36
49) Dimethylphthalate	9.42	163	461300	14.509	ng		100
56) 2,4-Dinitrotoluene	9.70	165	53056	6.682	ng	#	33
64) 4,6-Dinitro-2-methylphenol	10.56	198	542	5.086	ng		82
66) 4-Bromophenyl-phenylether	10.49	248	27274	4.412	ng	#	1

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

Quantitation Report (Not Reviewed)

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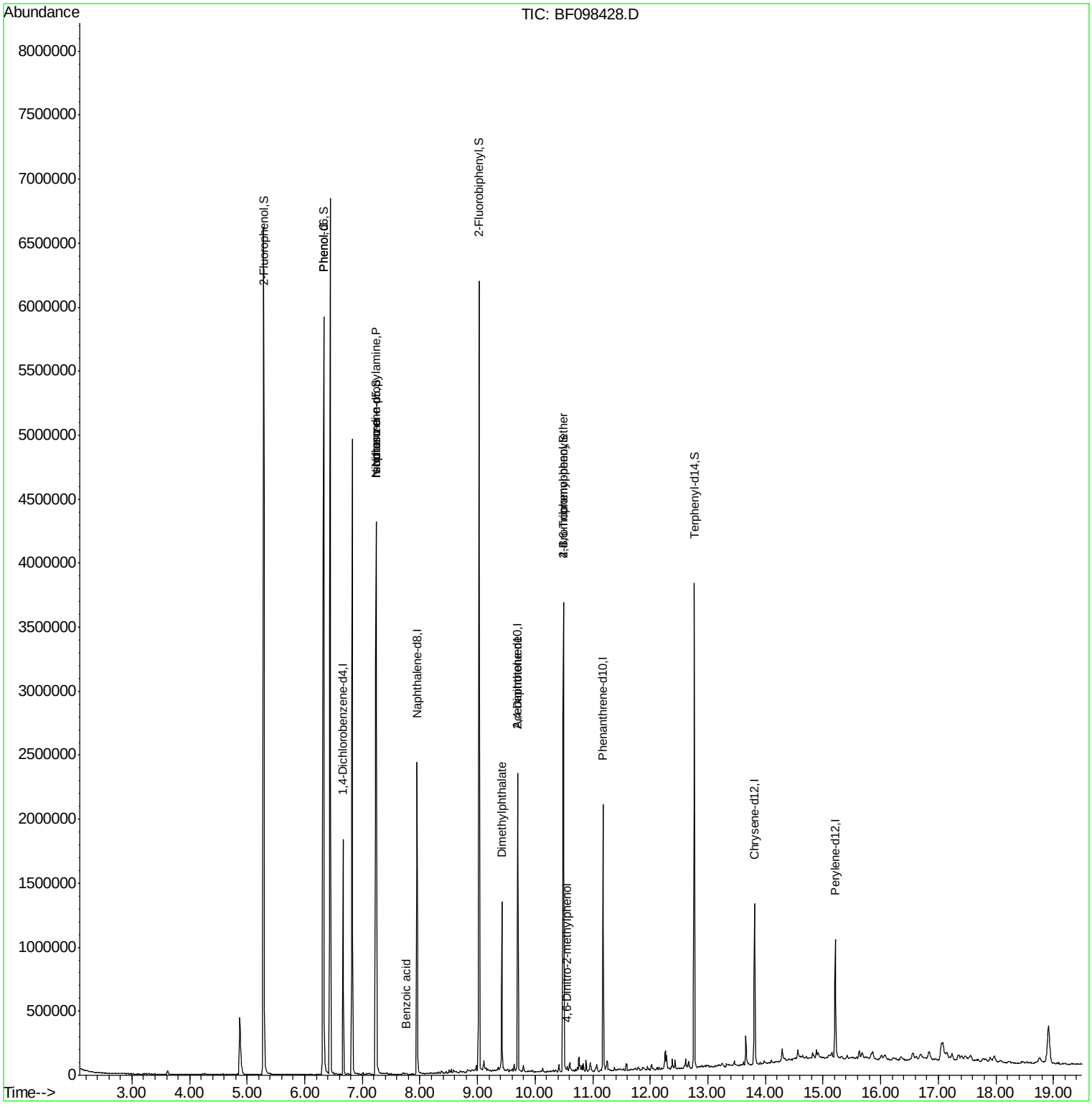
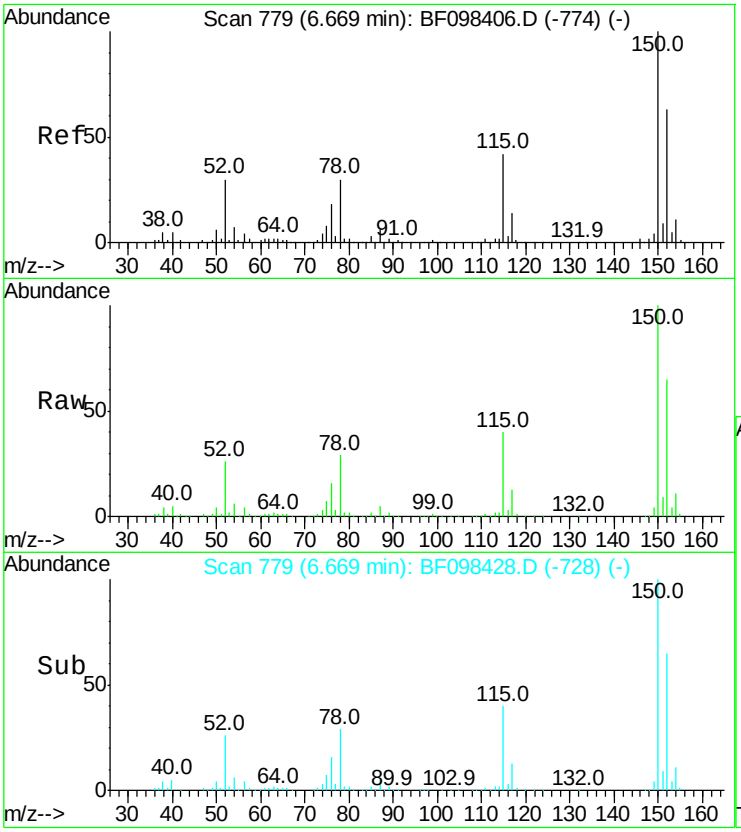


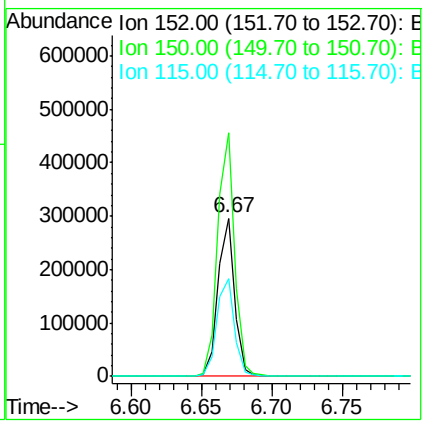


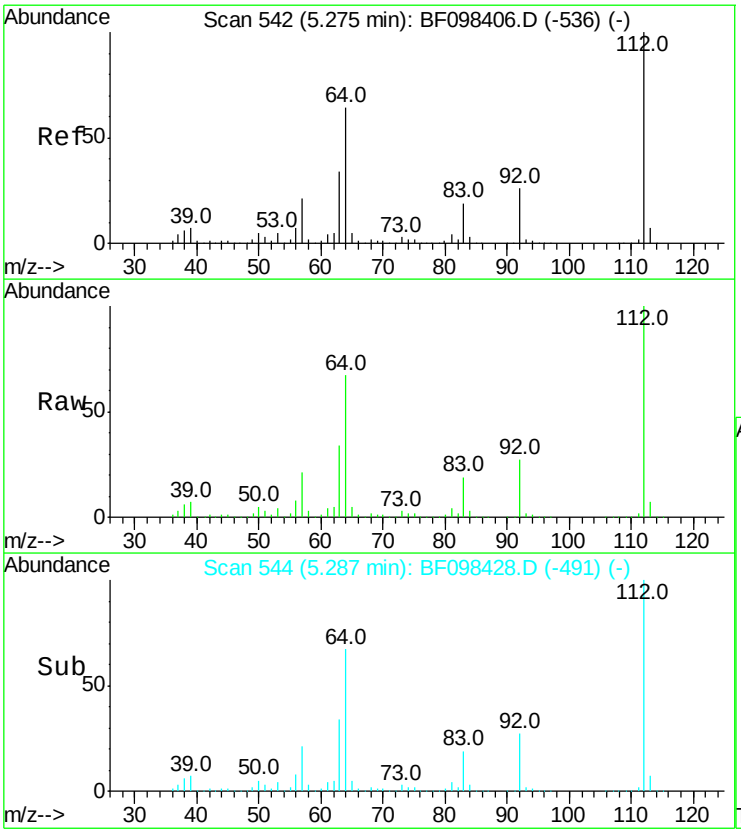
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF098428.D
Acq: 12 Sep 2017 3:20

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS011-01

Tgt Ion:152 Resp: 241229

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.2
115	62.0	52.2	78.2

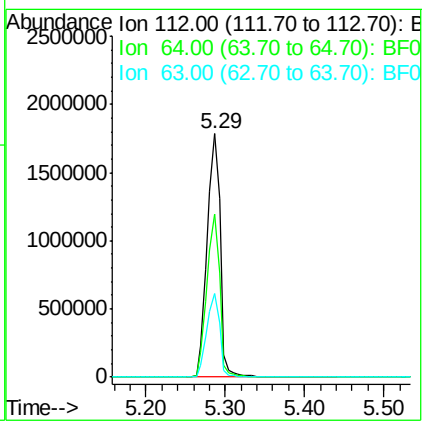


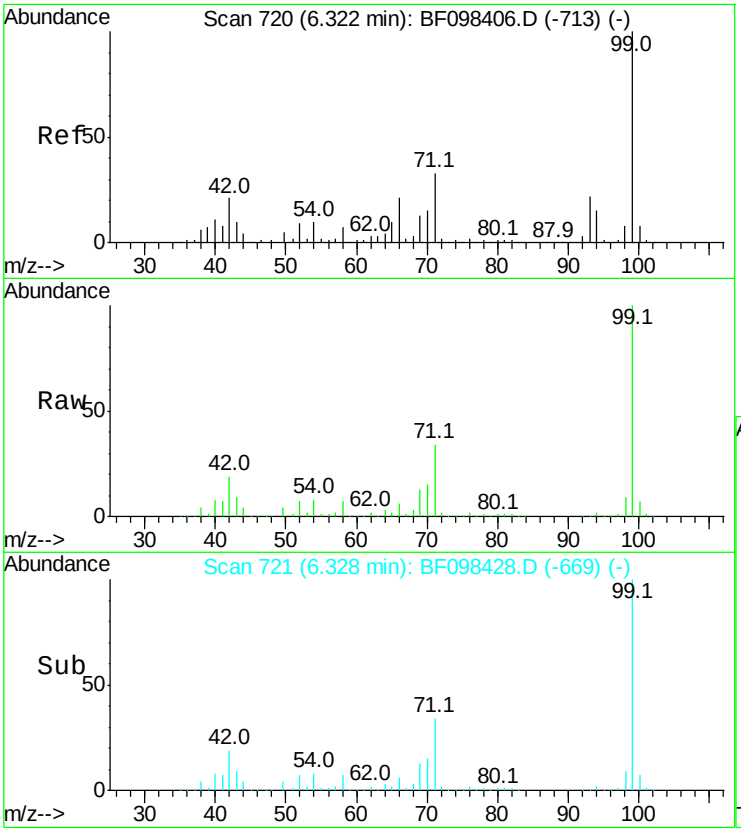


#5
2-Fluorophenol
Concen: 126.177 ng
RT: 5.29 min Scan# 544
Delta R.T. 0.01 min
Lab File: BF098428.D
Acq: 12 Sep 2017 3:20

Tgt Ion:112 Resp: 2058638

Ion	Ratio	Lower	Upper
112	100		
64	66.7	46.0	69.0
63	34.1	23.4	35.0



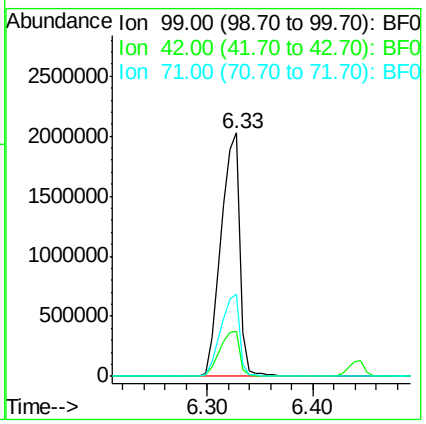


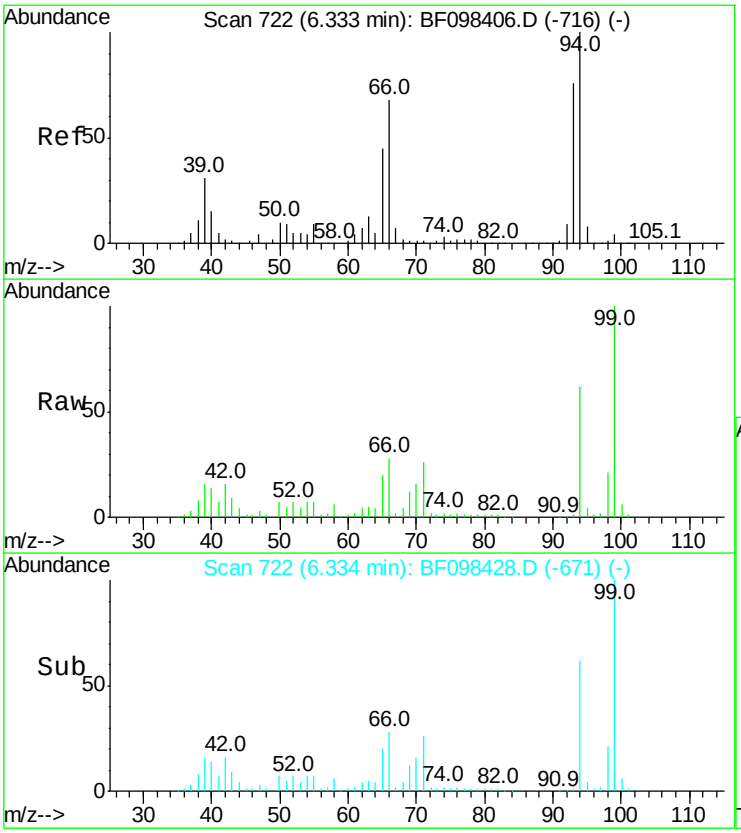
#7
Phenol-d6
Concen: 122.022 ng
RT: 6.33 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF098428.D
Acq: 12 Sep 2017 3:20

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS011-01

Tgt Ion: 99 Resp: 2527725

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.5	20.3
71	33.6	24.5	36.7

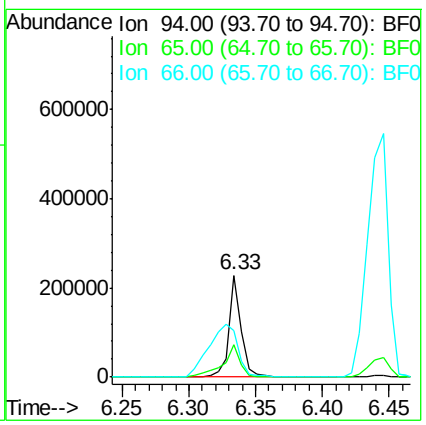


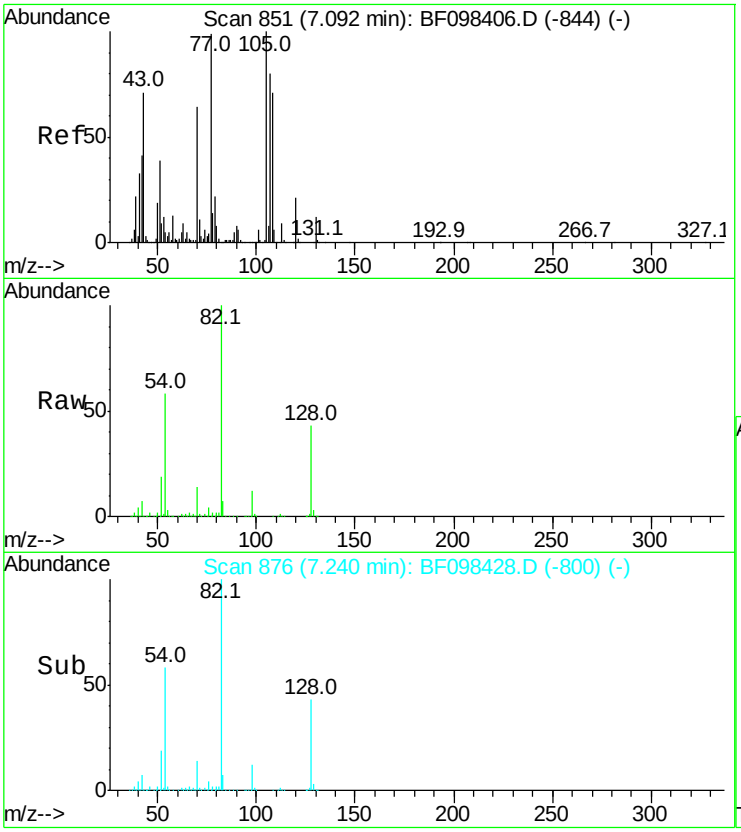


#10
Phenol
Concen: 6.236 ng
RT: 6.33 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF098428.D
Acq: 12 Sep 2017 3:20

Tgt Ion: 94 Resp: 150041

Ion	Ratio	Lower	Upper
94	100		
65	32.0	9.9	49.9
66	45.3	23.1	63.1



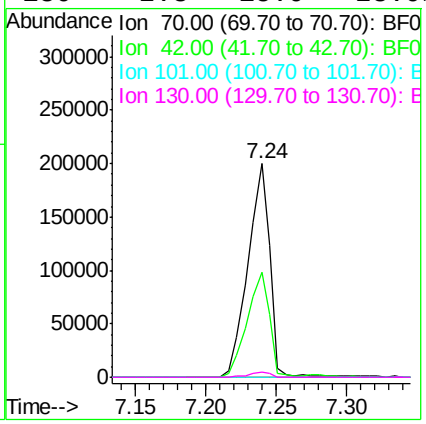


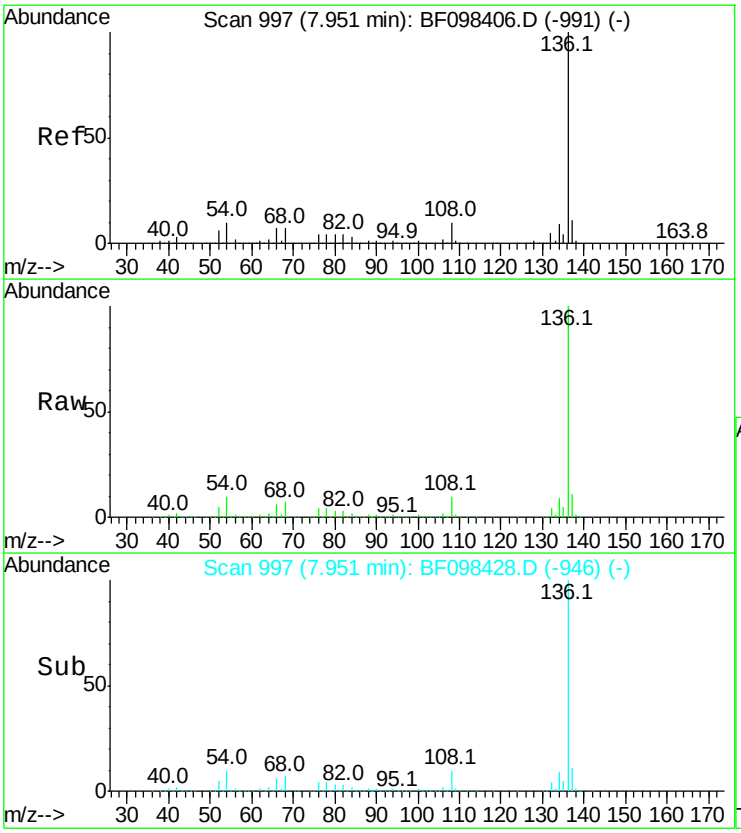
#19
n-Nitroso-di-n-propylamine
Concen: 16.728 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.15 min
Lab File: BF098428.D
Acq: 12 Sep 2017 3:20

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS011-01

Tgt Ion: 70 Resp: 217972

Ion	Ratio	Lower	Upper
70	100		
42	49.2	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#

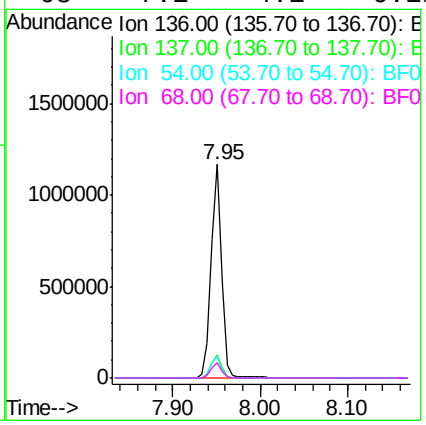


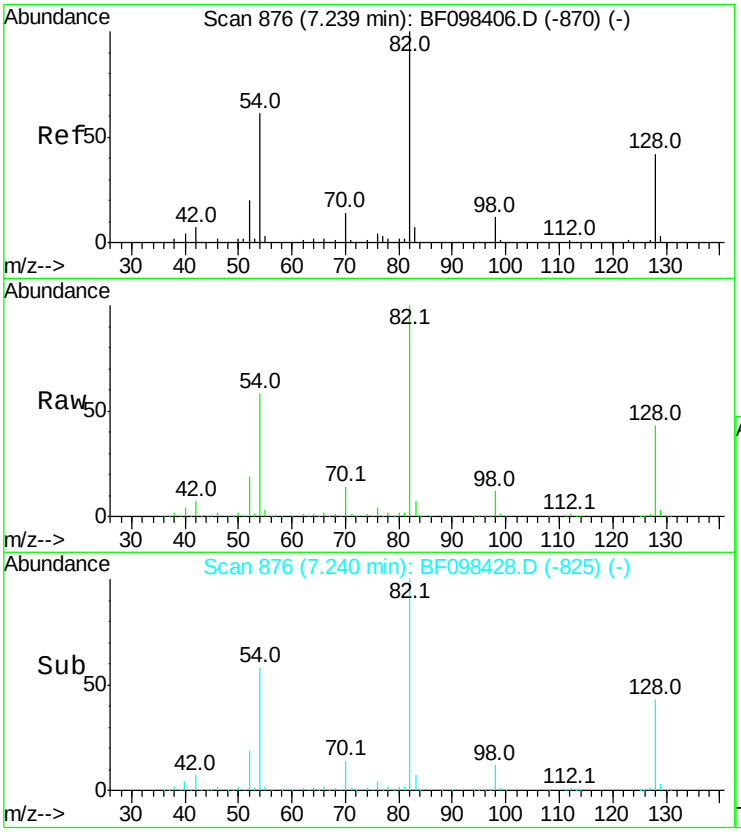


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF098428.D
Acq: 12 Sep 2017 3:20

Tgt Ion:136 Resp: 987797

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	9.9	4.9	7.3#
68	7.1	4.1	6.1#



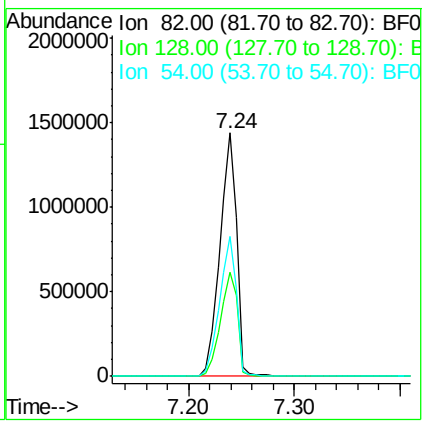


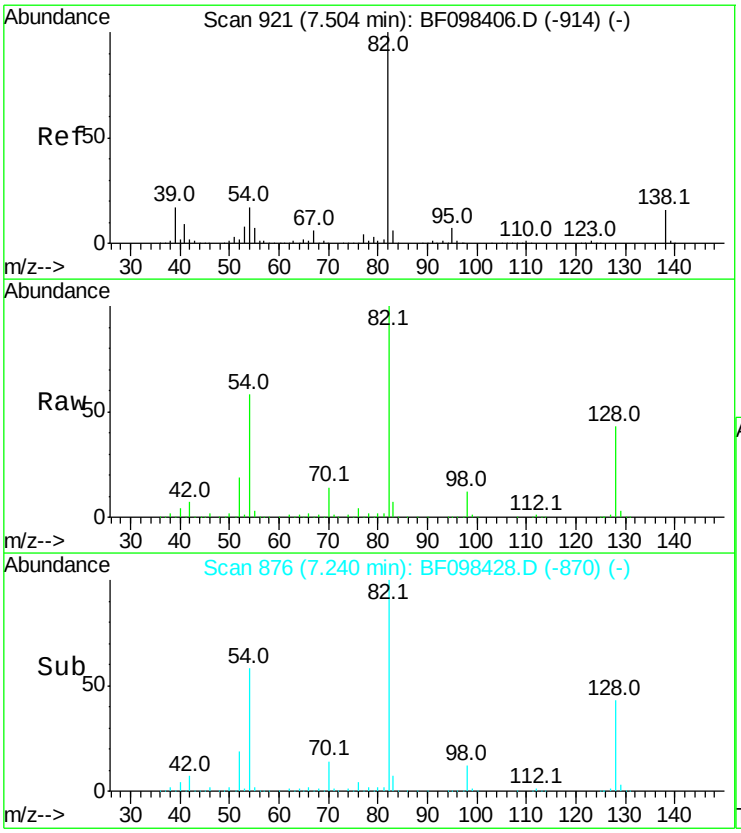
#23
Nitrobenzene-d5
Concen: 90.414 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF098428.D
Acq: 12 Sep 2017 3:20

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS011-01

Tgt Ion: 82 Resp: 1601992

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.0	51.0
54	57.7	42.2	63.2

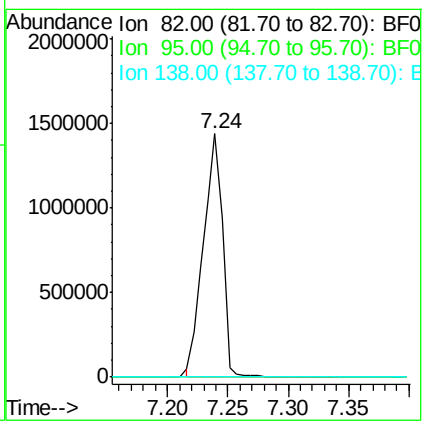


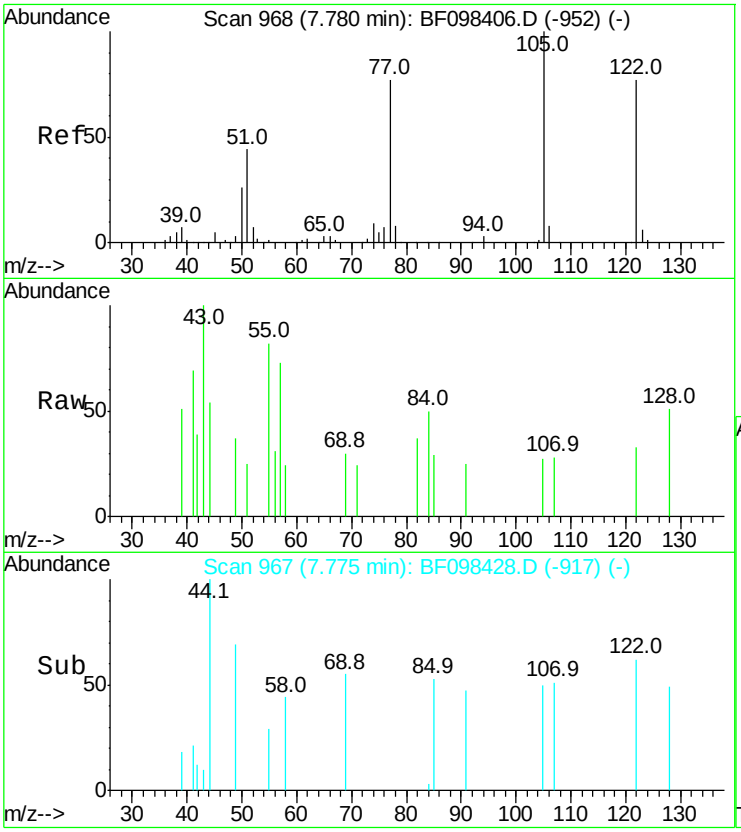


#25
Isophorone
Concen: 43.883 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.26 min
Lab File: BF098428.D
Acq: 12 Sep 2017 3:20

Tgt Ion: 82 Resp: 1573159

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



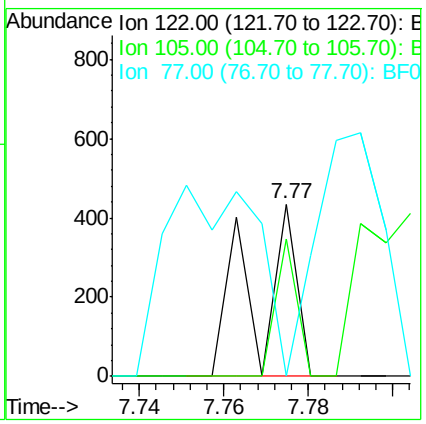


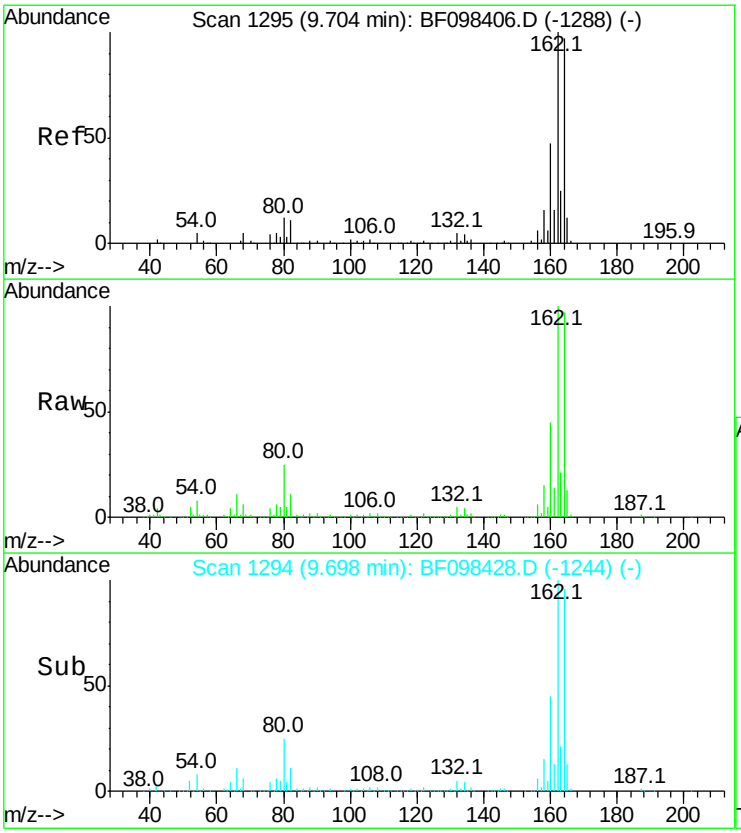
#32
Benzoic acid
Concen: 7.993 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF098428.D
Acq: 12 Sep 2017 3:20

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS011-01

Tgt Ion:122 Resp: 295

Ion	Ratio	Lower	Upper
122	100		
105	80.2	103.3	143.3#
77	0.0	73.7	113.7#

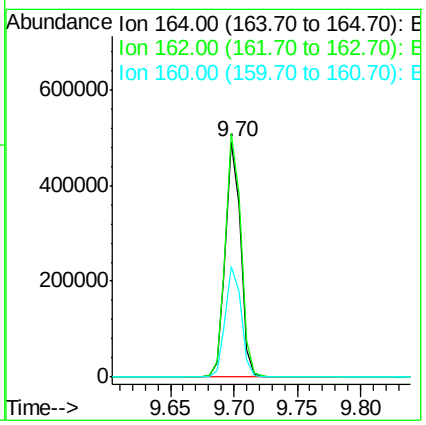


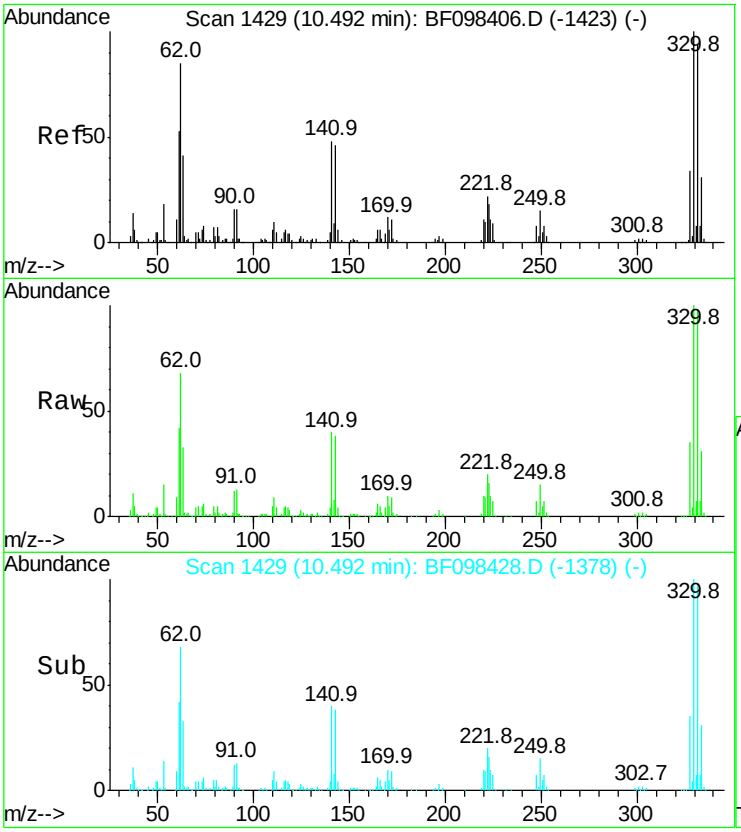


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF098428.D
Acq: 12 Sep 2017 3:20

Tgt Ion:164 Resp: 410729

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	46.8	36.2	54.2



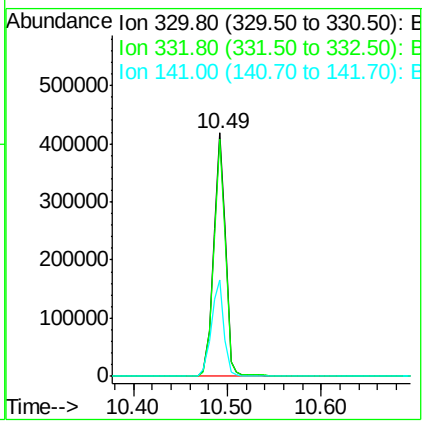


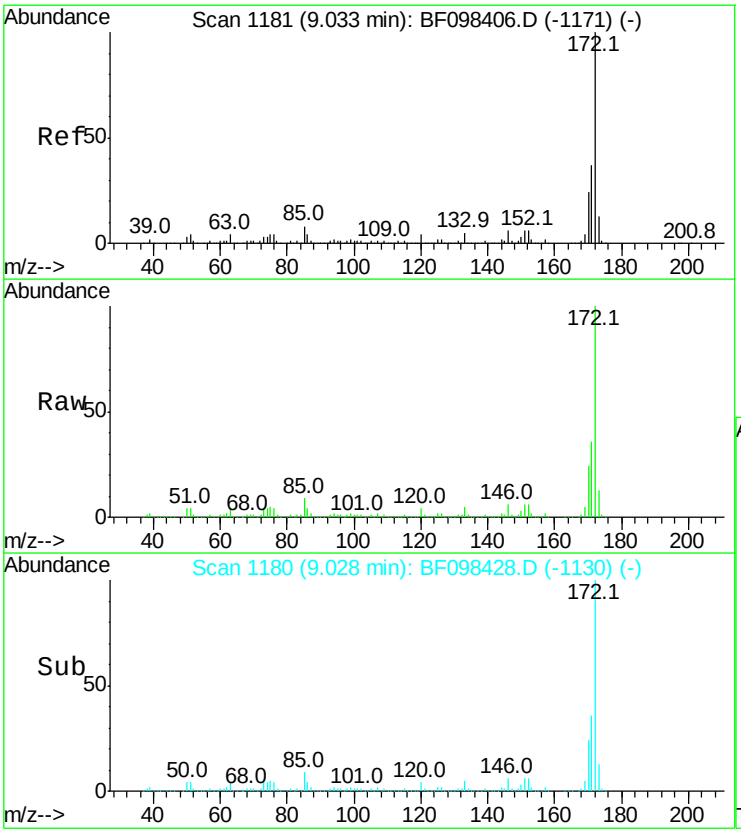
#41
2,4,6-Tribromophenol
Concen: 138.881 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF098428.D
Acq: 12 Sep 2017 3:20

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS011-01

Tgt Ion:330 Resp: 380712

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	41.9	31.4	47.2

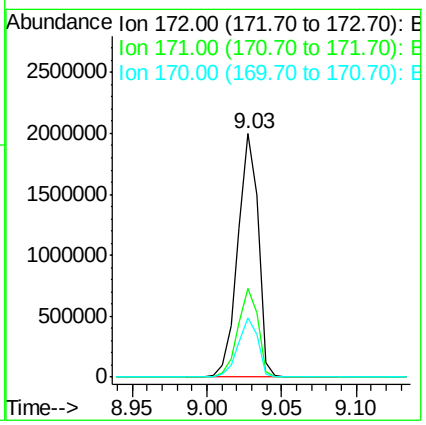


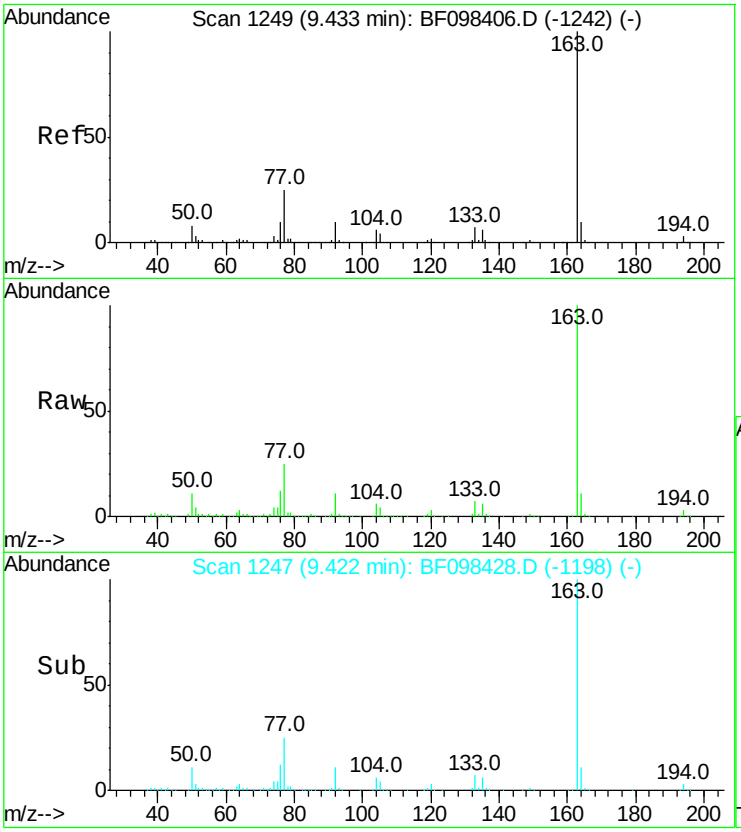


#44
2-Fluorobiphenyl
Concen: 78.956 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF098428.D
Acq: 12 Sep 2017 3:20

Tgt Ion:172 Resp: 1913334

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.2	19.8	29.8



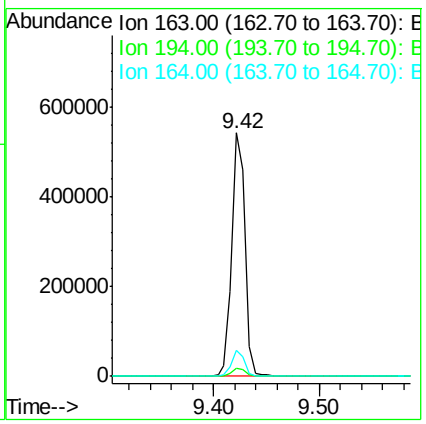


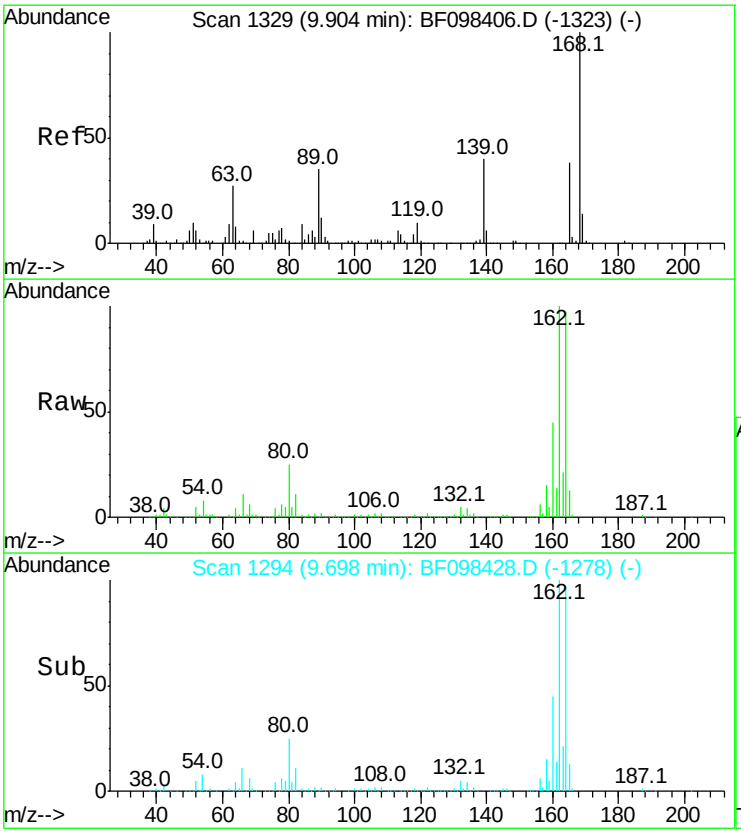
#49
Dimethylphthalate
Concen: 14.509 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF098428.D
Acq: 12 Sep 2017 3:20

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS011-01

Tgt Ion:163 Resp: 461300

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.5	8.4	12.6

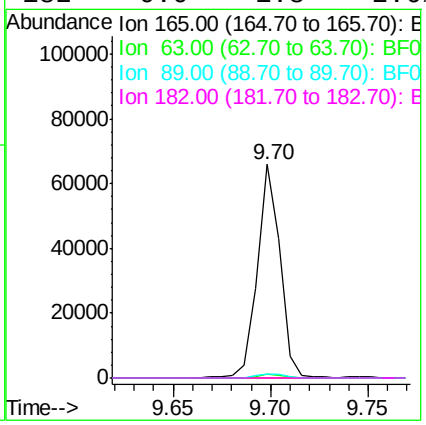


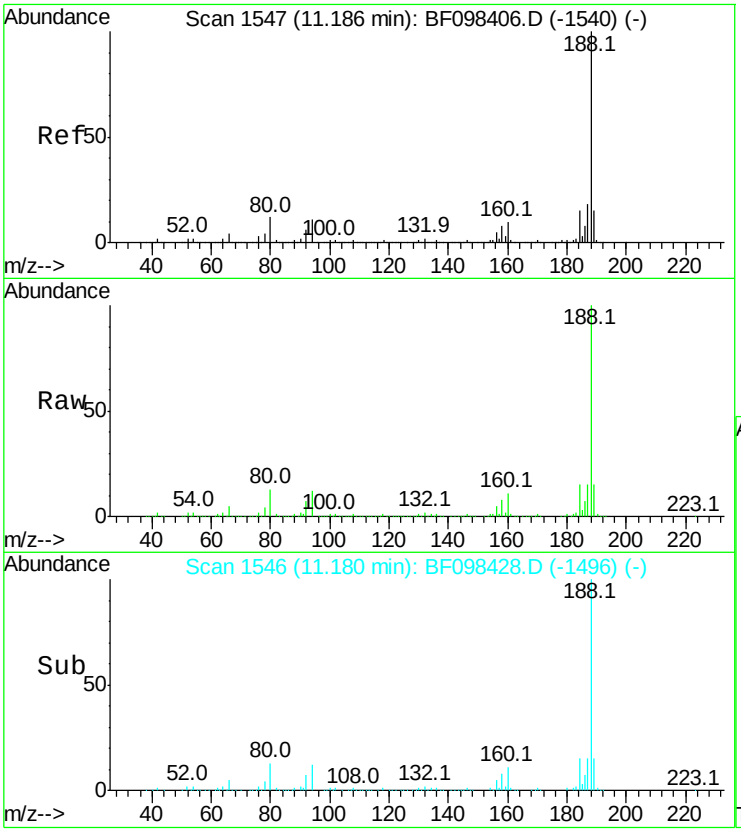


#56
2,4-Dinitrotoluene
Concen: 6.682 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.21 min
Lab File: BF098428.D
Acq: 12 Sep 2017 3:20

Tgt Ion:165 Resp: 53056

Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#



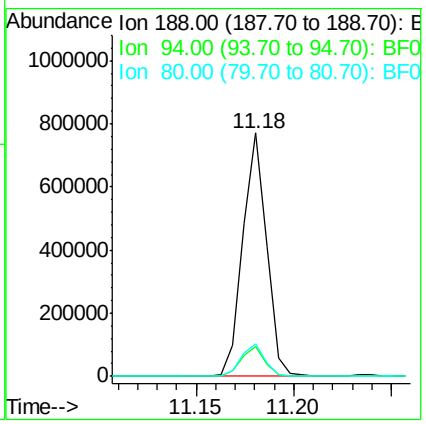


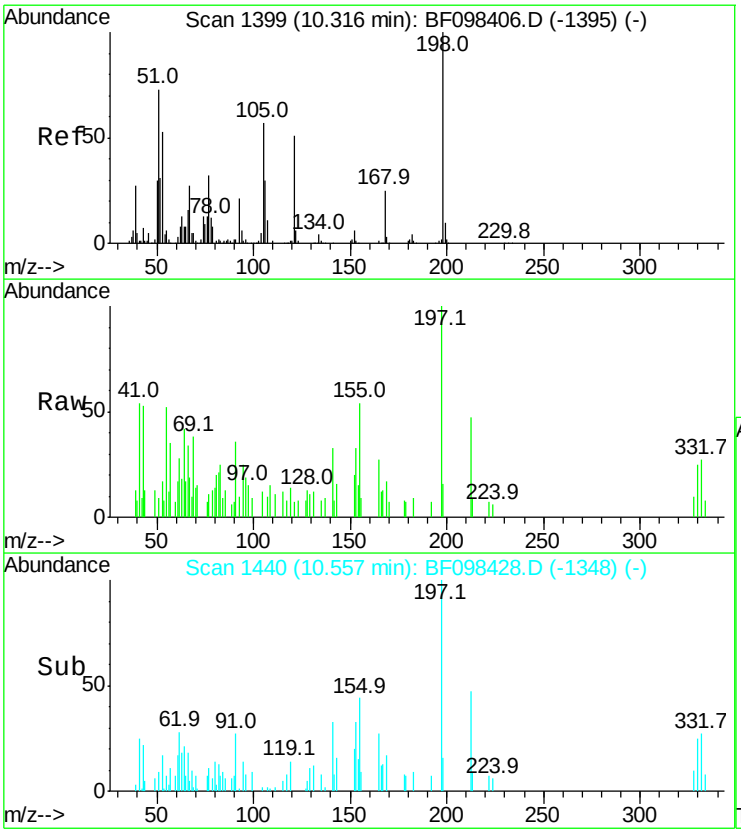
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF098428.D
Acq: 12 Sep 2017 3:20

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS011-01

Tgt Ion:188 Resp: 651402

Ion	Ratio	Lower	Upper
188	100		
94	12.3	9.4	14.2
80	13.3	10.2	15.2

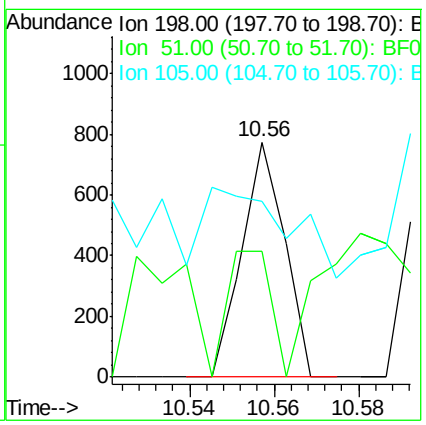


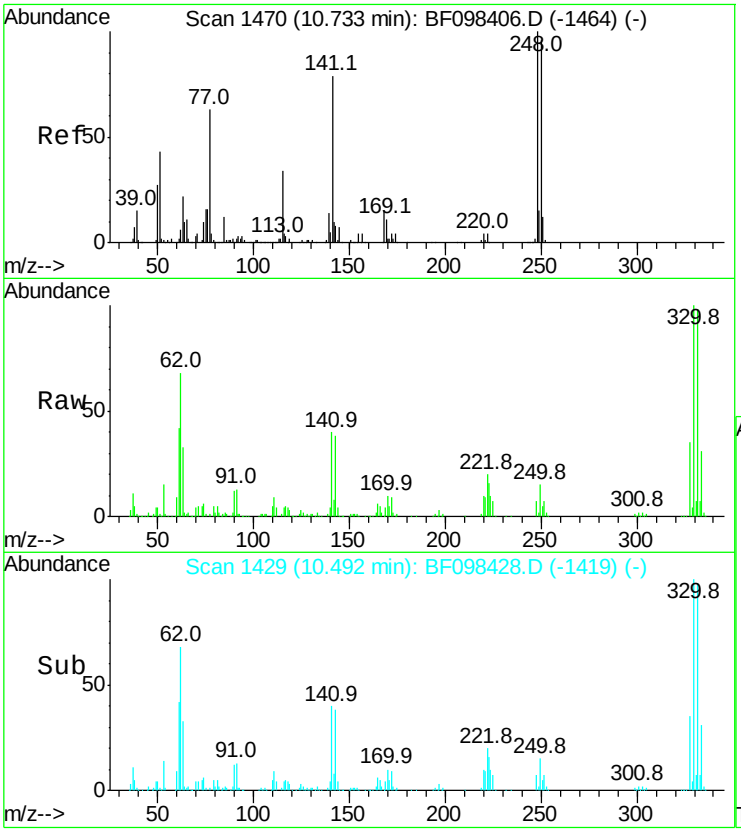


#64
4,6-Dinitro-2-methylphenol
Concen: 5.086 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.24 min
Lab File: BF098428.D
Acq: 12 Sep 2017 3:20

Tgt Ion:198 Resp: 542

Ion	Ratio	Lower	Upper
198	100		
51	53.6	53.2	93.2
105	75.2	45.8	85.8



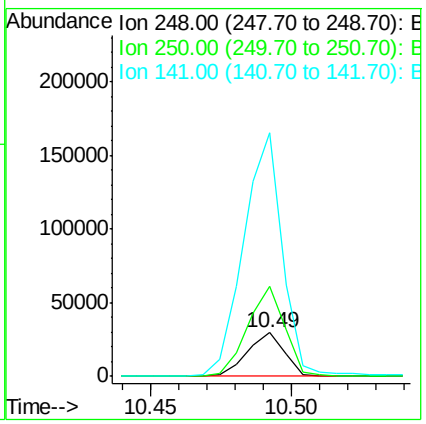


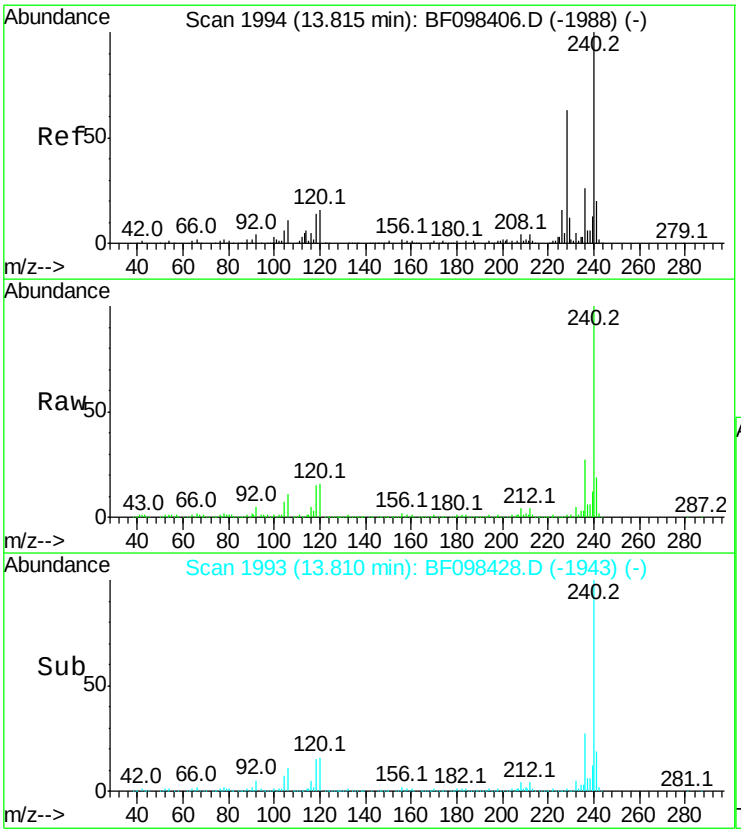
#66
4-Bromophenyl-phenylether
Concen: 4.412 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.24 min
Lab File: BF098428.D
Acq: 12 Sep 2017 3:20

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS011-01

Tgt Ion:248 Resp: 27274

Ion	Ratio	Lower	Upper
248	100		
250	207.1	76.8	115.2#
141	557.9	68.6	103.0#

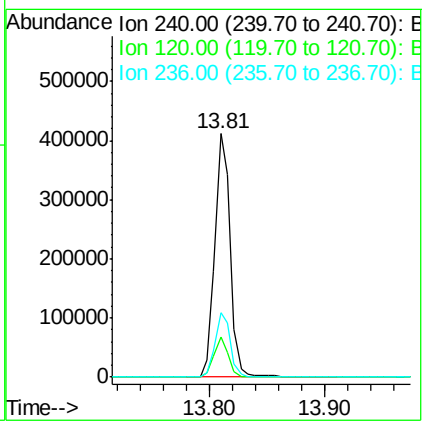


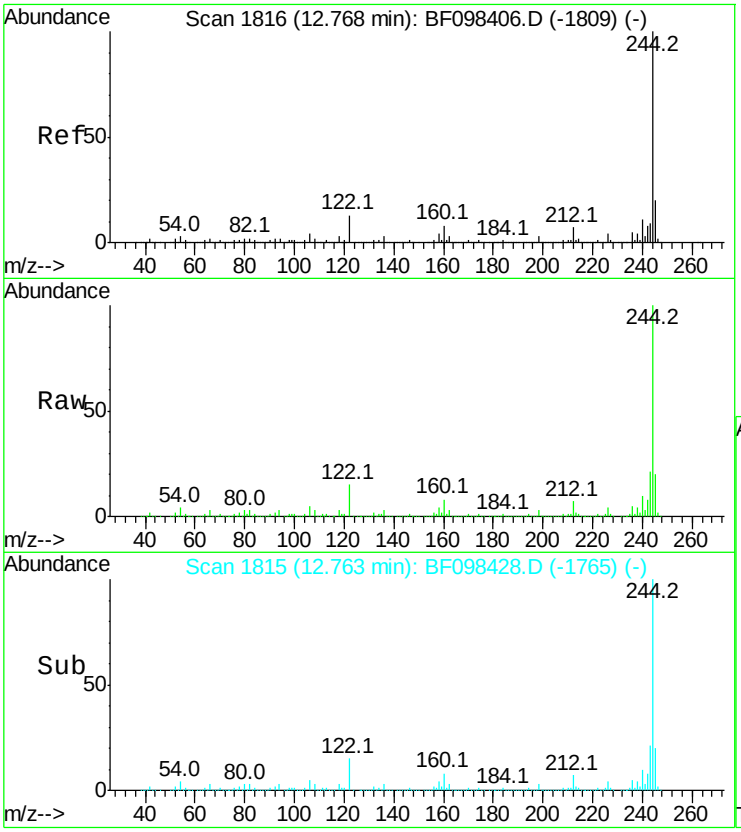


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF098428.D
Acq: 12 Sep 2017 3:20

Tgt Ion:240 Resp: 381415

Ion	Ratio	Lower	Upper
240	100		
120	16.3	5.8	8.8#
236	26.6	20.5	30.7



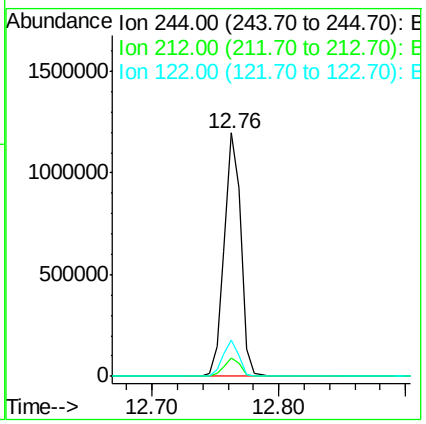


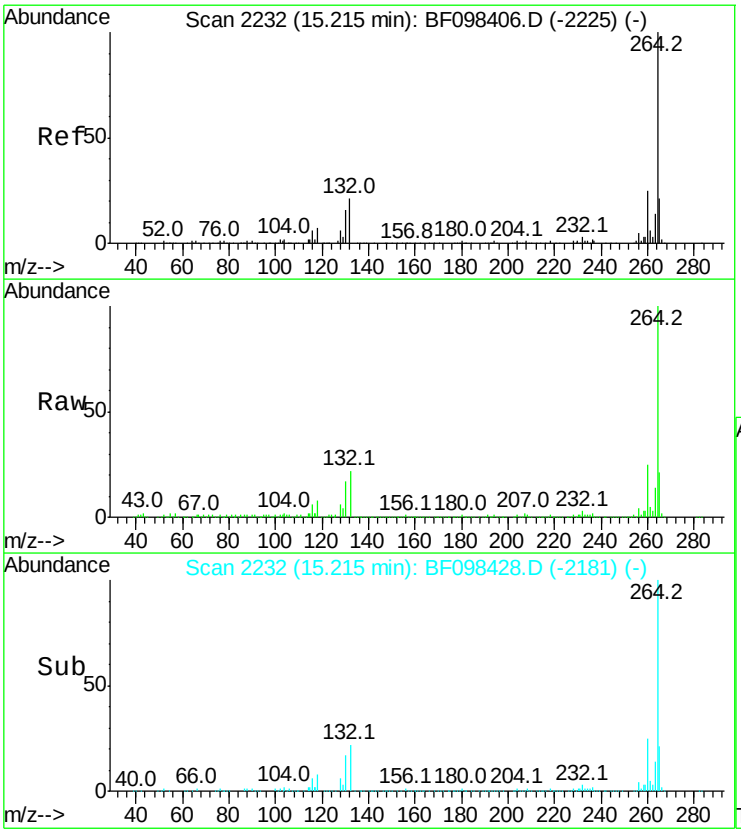
#78
Terphenyl-d14
Concen: 61.484 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF098428.D
Acq: 12 Sep 2017 3:20

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS011-01

Tgt Ion:244 Resp: 1086461

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	14.8	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF098428.D
Acq: 12 Sep 2017 3:20

Tgt Ion:264 Resp: 392404

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.4	17.2	25.8