Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098475.D
Acq On : 13 Sep 2017 3:17
Operator : SJ/JU
Sample : I5184-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-090817

Quant Time: Sep 13 03:47:15 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	6.66	152	210422	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	818186	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	319380	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	477191	20.00	ng	-0.01
75) Chrysene-d12	13.81	240	374821	20.00	ng	0.00
86) Perylene-d12	15.21	264	284573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1025887	72.08	ng	0.00
7) Phenol-d6	6.31	99	1166363	64.55	ng	-0.01
23) Nitrobenzene-d5	7.23	82	769639	52.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	174926	82.06	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1231184	65.34	ng	-0.01
78) Terphenyl-d14	12.76	244	888932	51.19	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	101383	8.920	ng	# 82
25) Isophorone	7.23	82	756457	25.475	ng	# 67
32) Benzoic acid	7.78	122	116	7.981	ng	# 1
50) 2,6-Dinitrotoluene	9.69	165	41057	8.085	ng	# 34
56) 2,4-Dinitrotoluene	9.69	165	41057	6.650	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.49	198	296	5.055	ng	# 1
66) 4-Bromophenyl-phenylether	10.48	248	13231	2.921	ng	# 1

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

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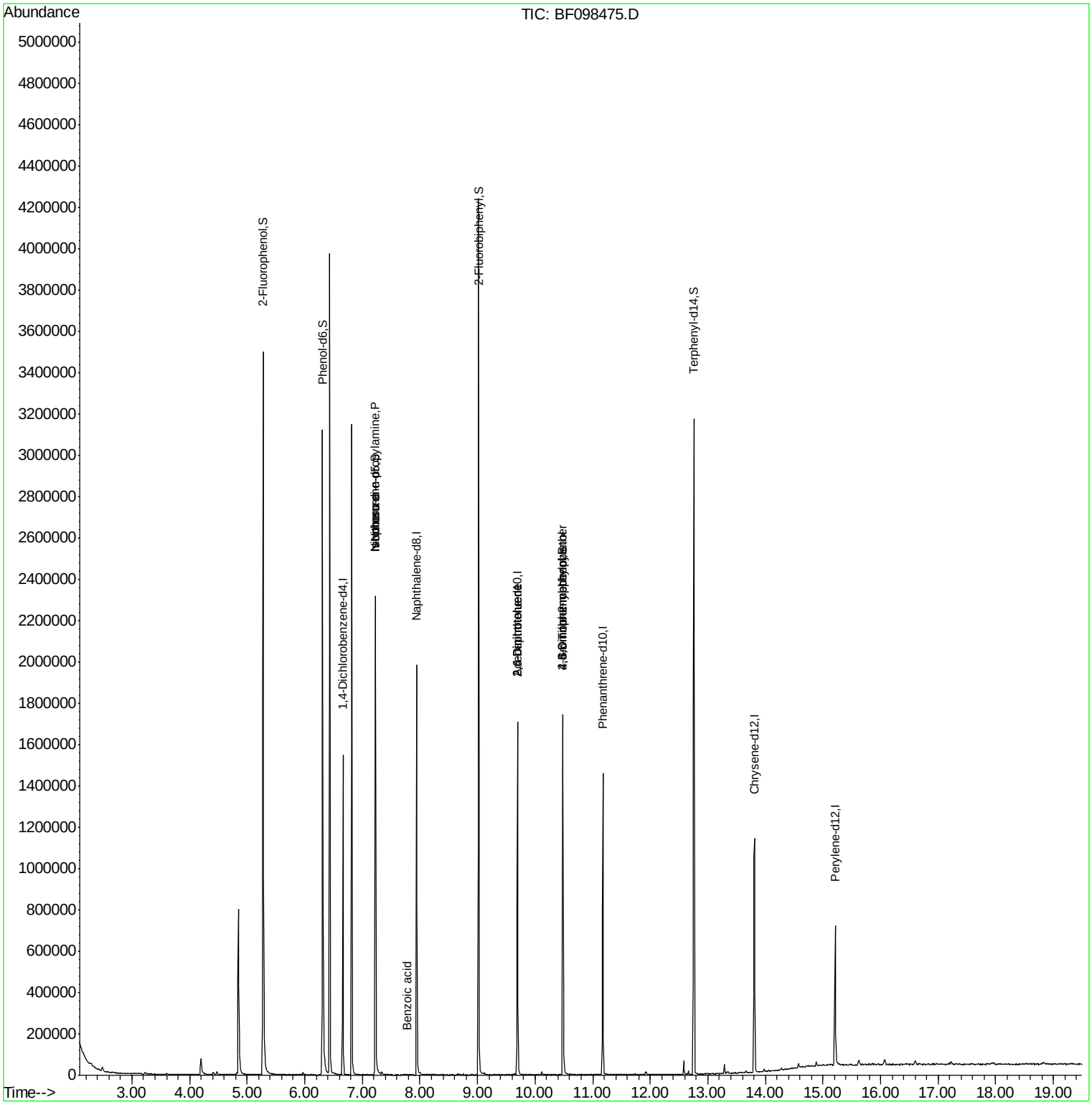
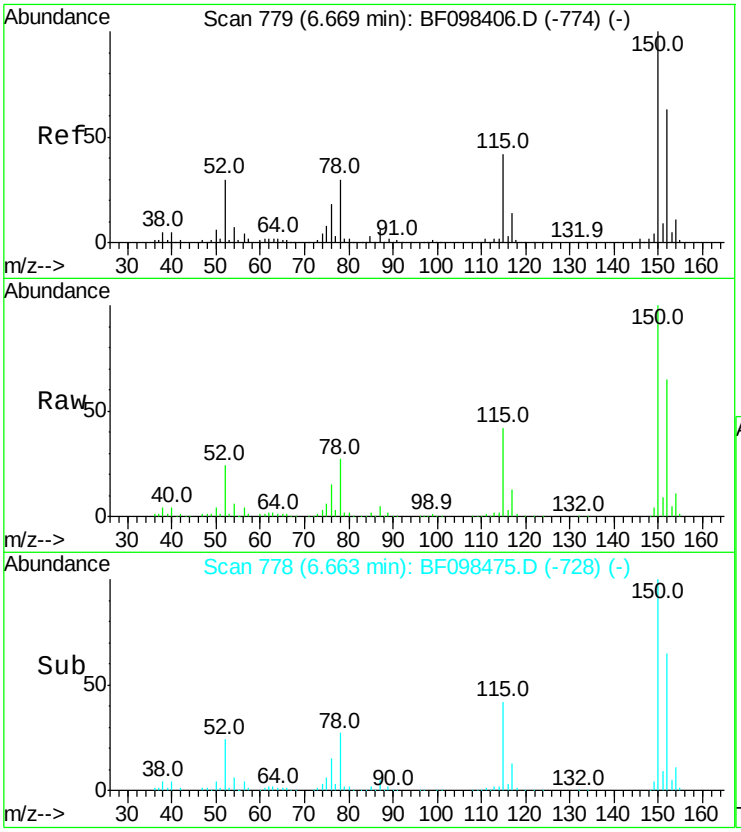


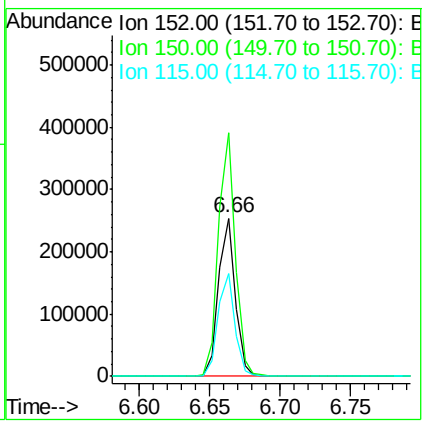


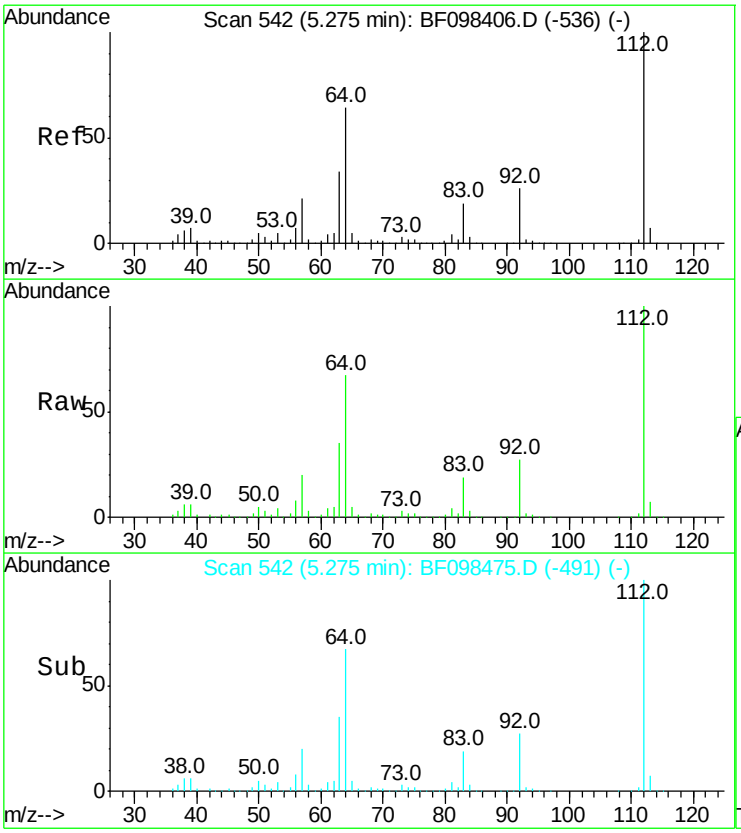
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF098475.D
Acq: 13 Sep 2017 3:17

Instrument :
BNA_F
ClientSampleId :
OK-02-090817

Tgt Ion:152 Resp: 210422

Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.2	189.2
115	65.2	52.2	78.2

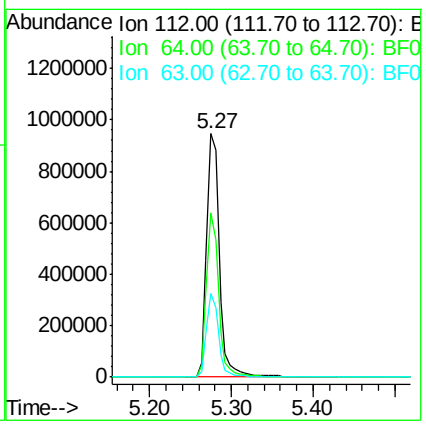


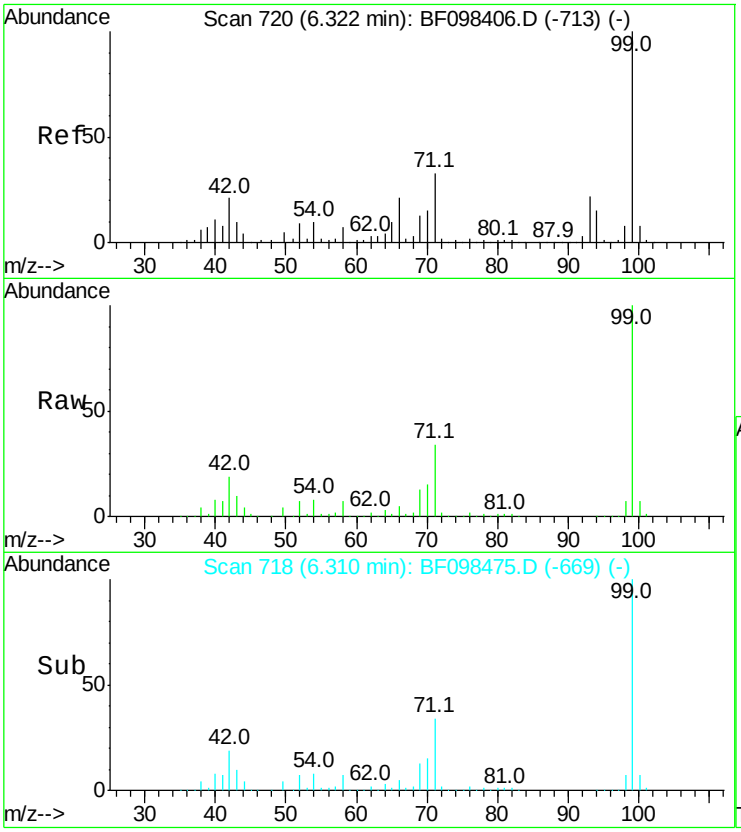


#5
2-Fluorophenol
Concen: 72.084 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF098475.D
Acq: 13 Sep 2017 3:17

Tgt Ion:112 Resp: 1025887

Ion	Ratio	Lower	Upper
112	100		
64	67.5	46.0	69.0
63	34.6	23.4	35.0



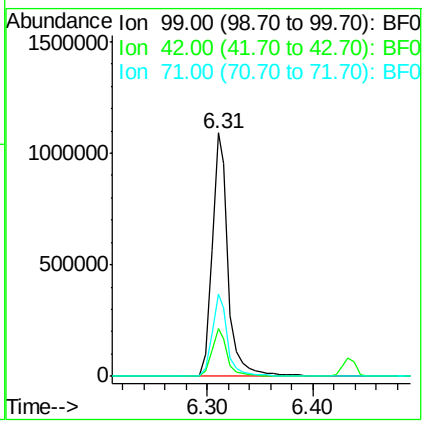


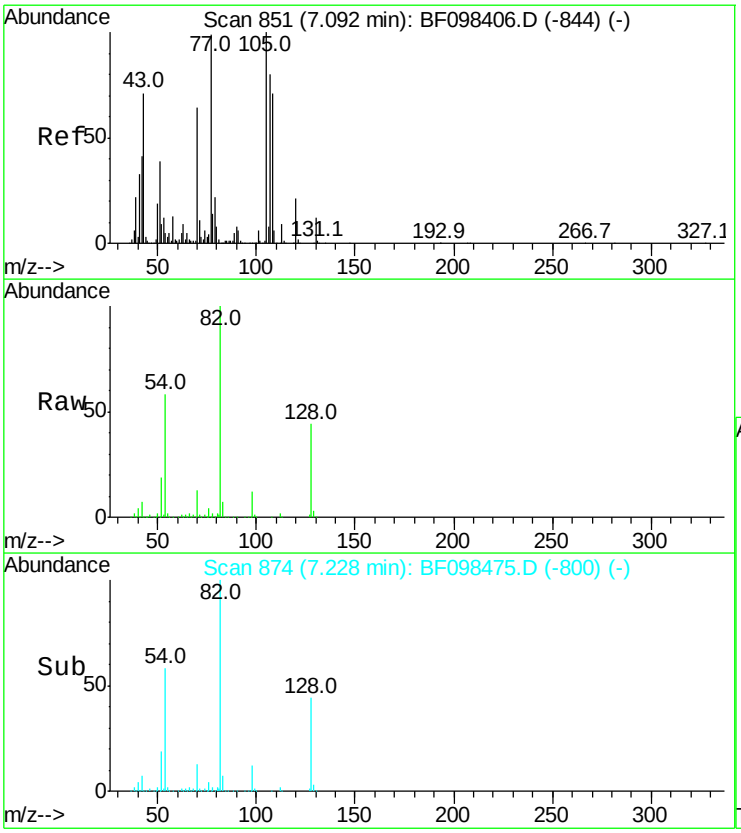
#7
Phenol-d6
Concen: 64.548 ng
RT: 6.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF098475.D
Acq: 13 Sep 2017 3:17

Instrument :
BNA_F
ClientSampleId :
OK-02-090817

Tgt Ion: 99 Resp: 1166363

Ion	Ratio	Lower	Upper
99	100		
42	19.5	13.5	20.3
71	33.6	24.5	36.7

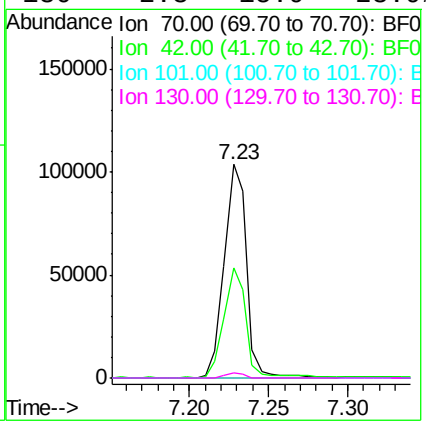


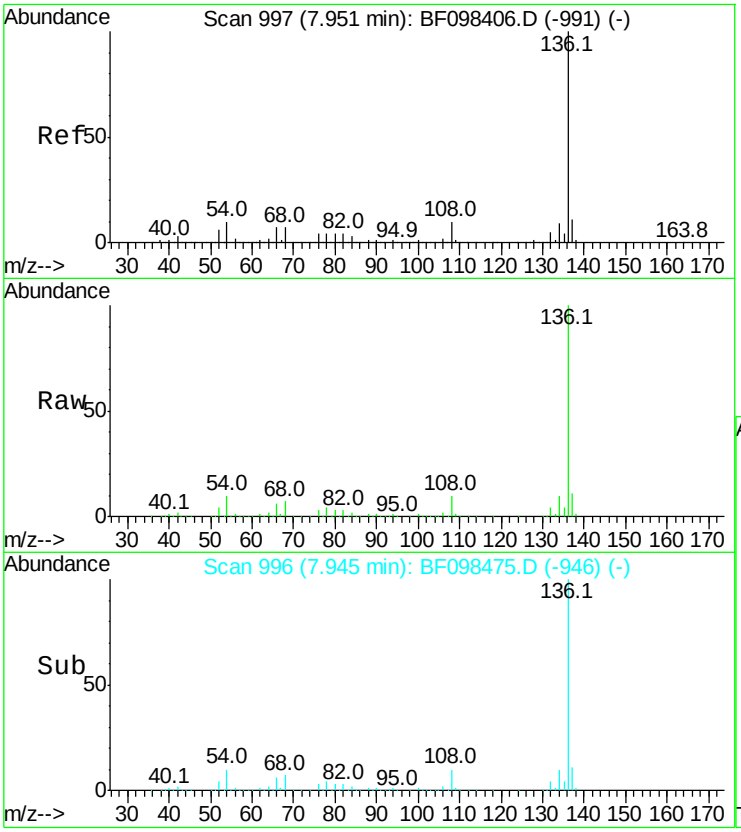


#19
n-Nitroso-di-n-propylamine
Concen: 8.920 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.14 min
Lab File: BF098475.D
Acq: 13 Sep 2017 3:17

Tgt Ion: 70 Resp: 101383

Ion	Ratio	Lower	Upper
70	100		
42	51.5	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#



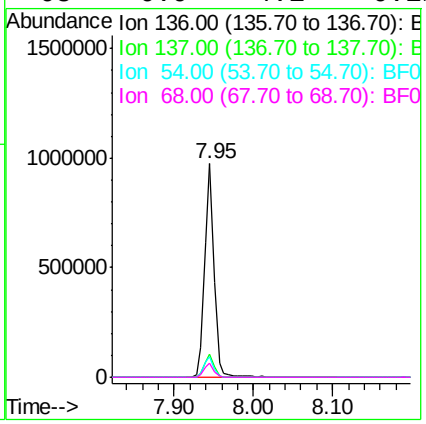


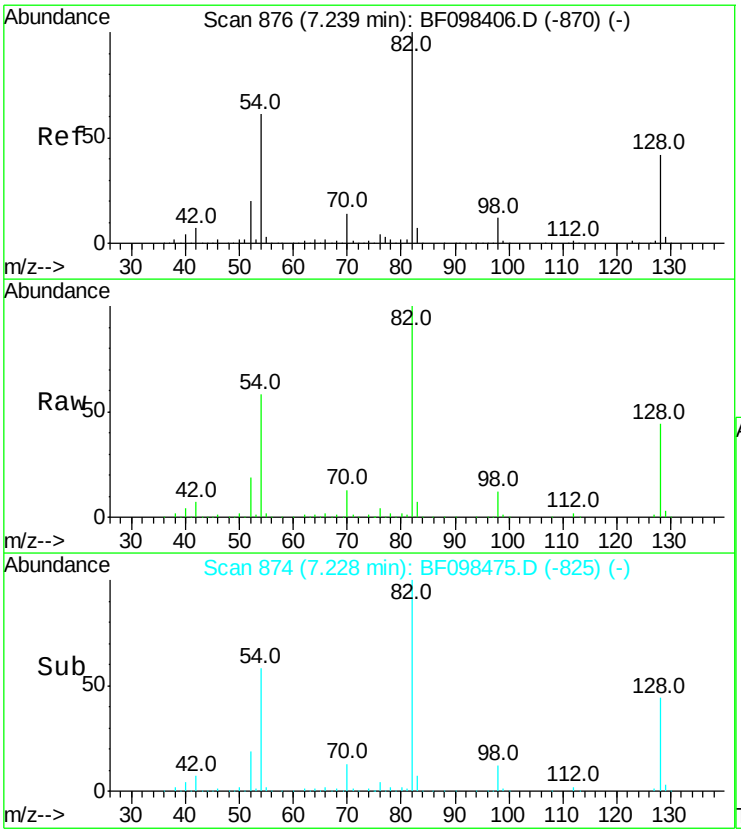
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF098475.D
Acq: 13 Sep 2017 3:17

Instrument :
BNA_F
ClientSampleId :
OK-02-090817

Tgt Ion:136 Resp: 818186

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	9.5	4.9	7.3#
68	6.9	4.1	6.1#

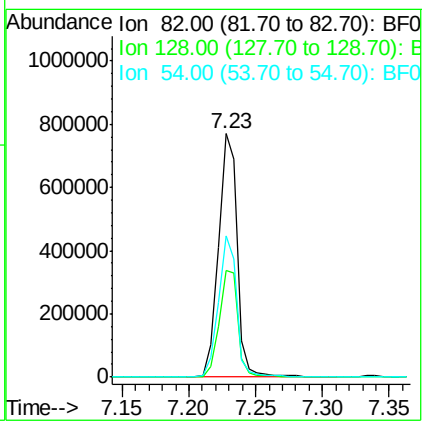


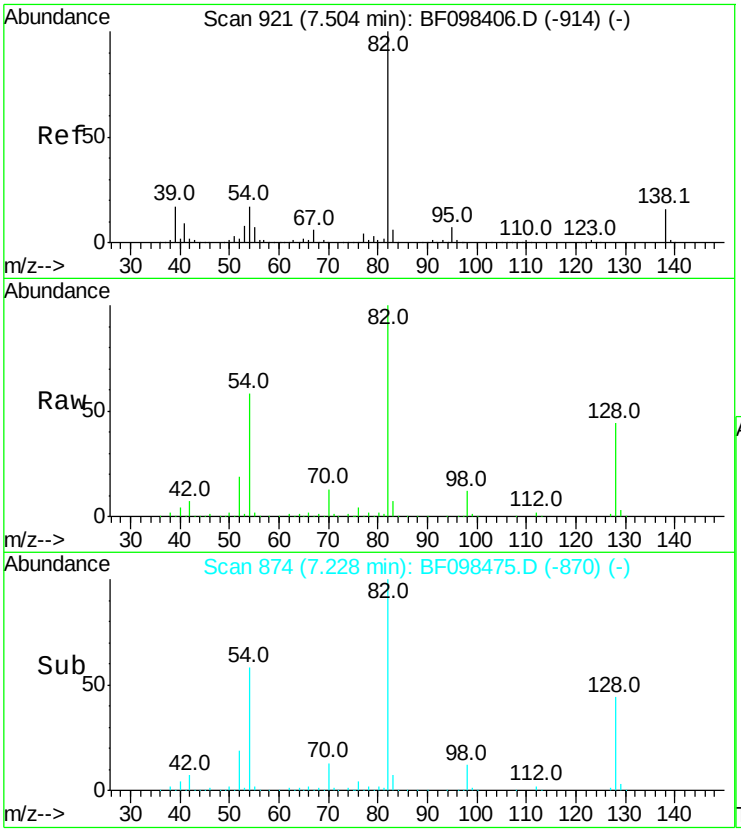


#23
Nitrobenzene-d5
Concen: 52.442 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF098475.D
Acq: 13 Sep 2017 3:17

Tgt Ion: 82 Resp: 769639

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.0	51.0
54	57.9	42.2	63.2



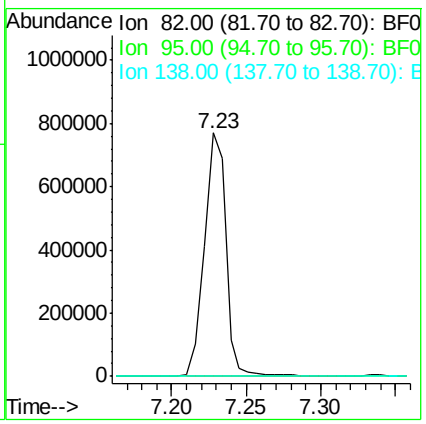


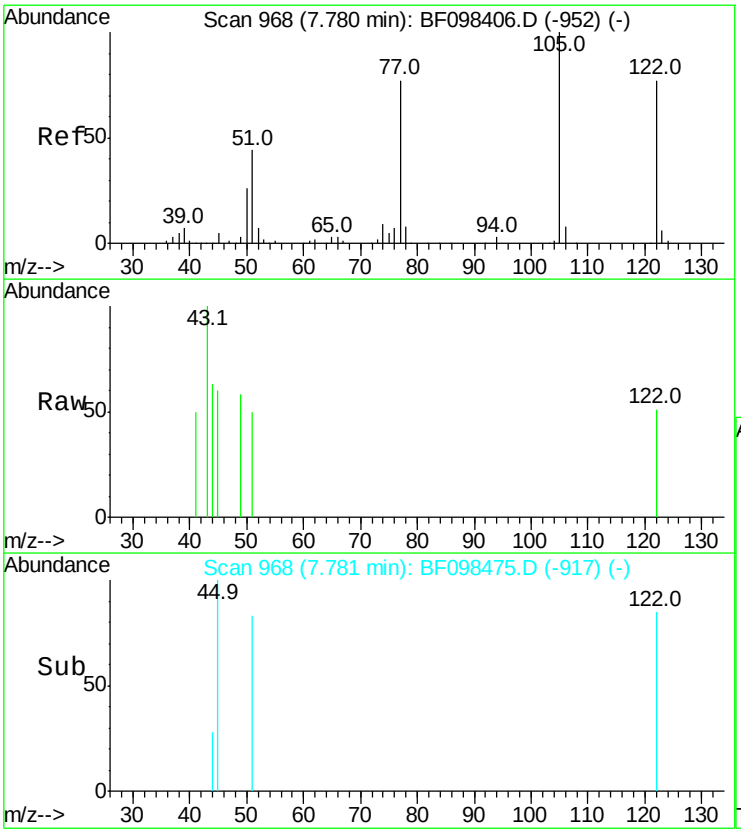
#25
Isophorone
Concen: 25.475 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.28 min
Lab File: BF098475.D
Acq: 13 Sep 2017 3:17

Instrument :
BNA_F
ClientSampleId :
OK-02-090817

Tgt Ion: 82 Resp: 756457

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

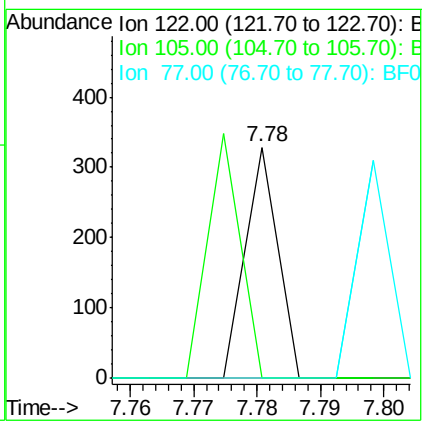


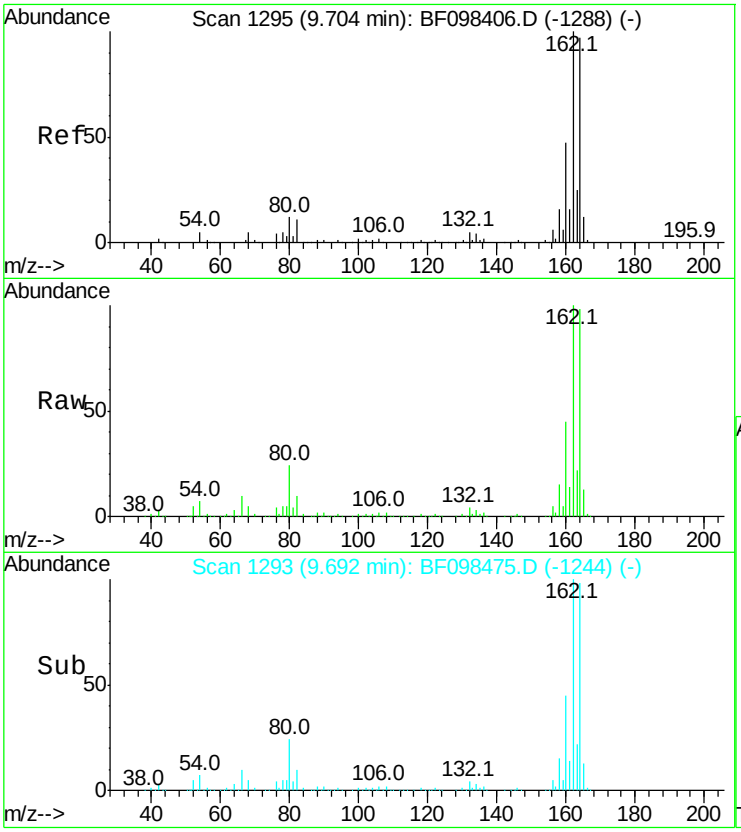


#32
Benzoic acid
Concen: 7.981 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF098475.D
Acq: 13 Sep 2017 3:17

Tgt Ion:122 Resp: 116

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



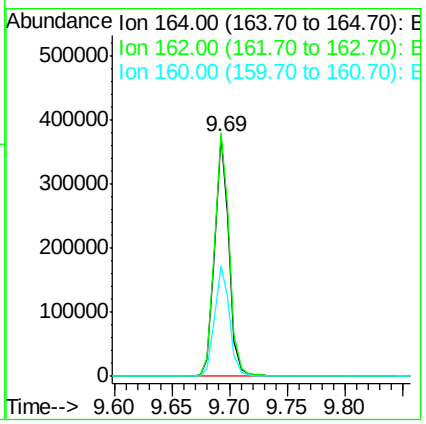


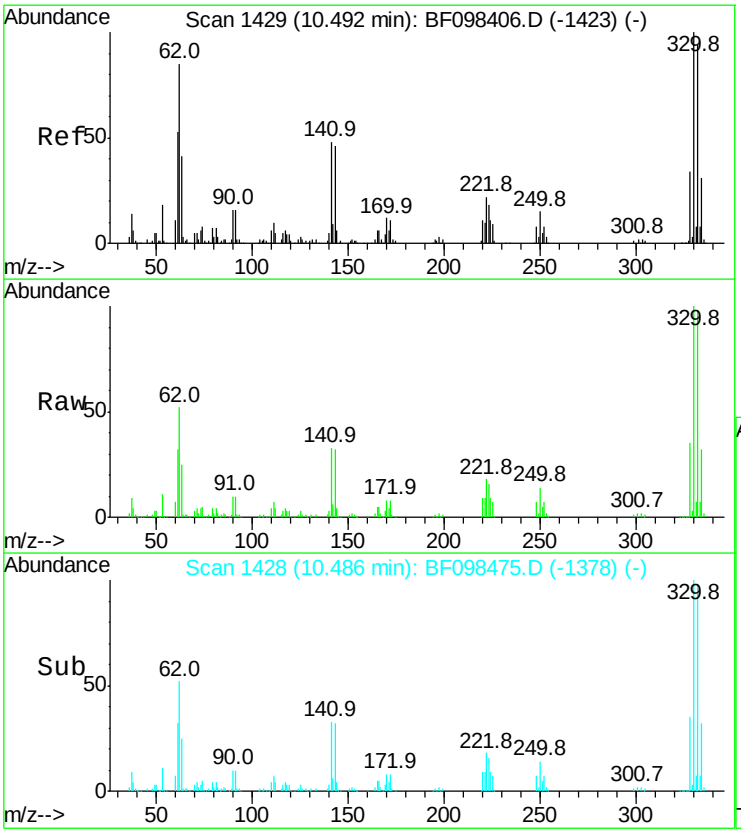
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF098475.D
Acq: 13 Sep 2017 3:17

Instrument :
BNA_F
ClientSampleId :
OK-02-090817

Tgt Ion:164 Resp: 319380

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	46.0	36.2	54.2

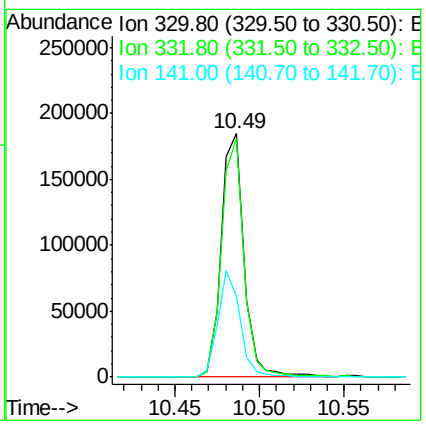


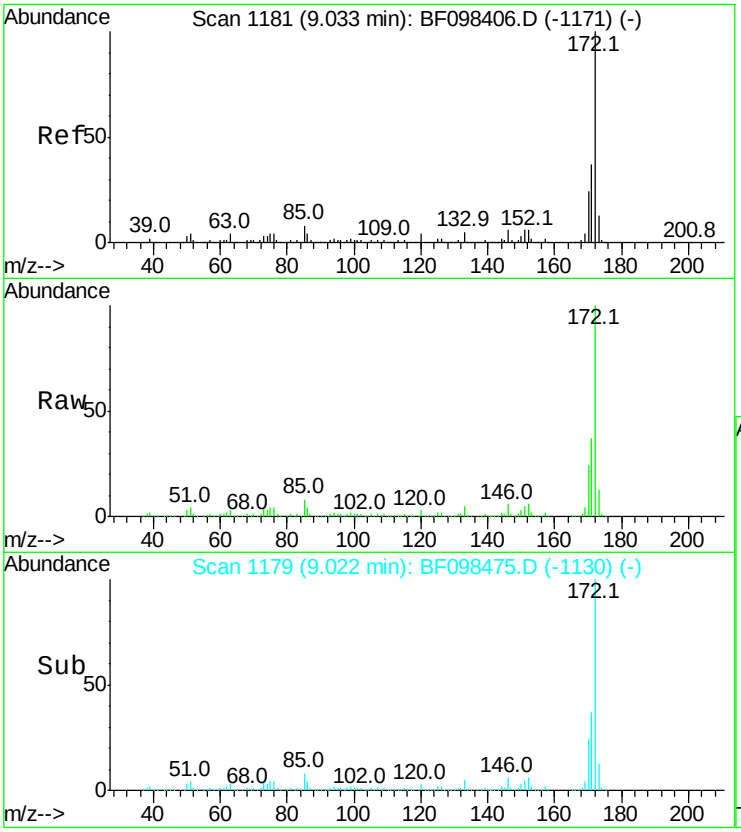


#41
2,4,6-Tribromophenol
Concen: 82.063 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF098475.D
Acq: 13 Sep 2017 3:17

Tgt Ion:330 Resp: 174926

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	43.3	31.4	47.2



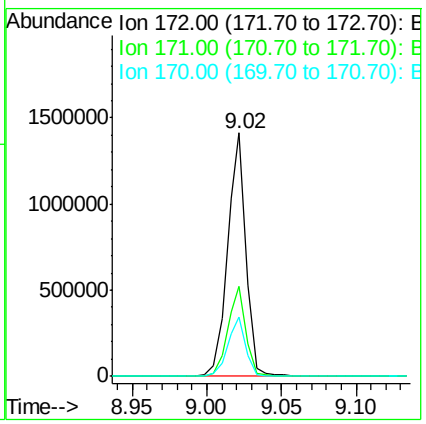


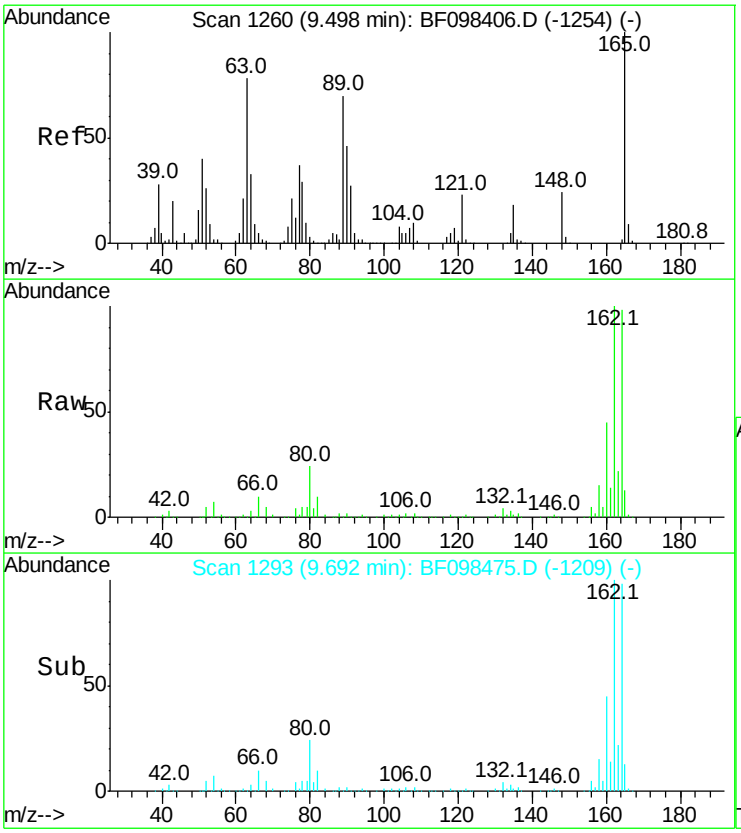
#44
2-Fluorobiphenyl
Concen: 65.338 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF098475.D
Acq: 13 Sep 2017 3:17

Instrument :
BNA_F
ClientSampleId :
OK-02-090817

Tgt Ion:172 Resp: 1231184

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.1	19.8	29.8

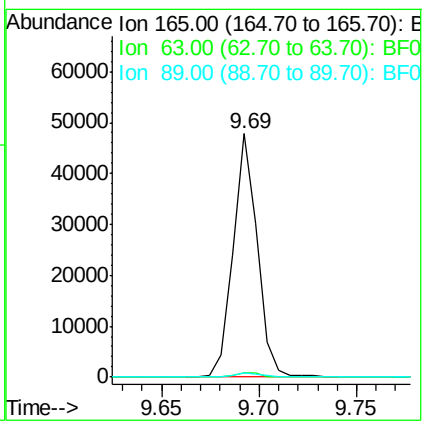


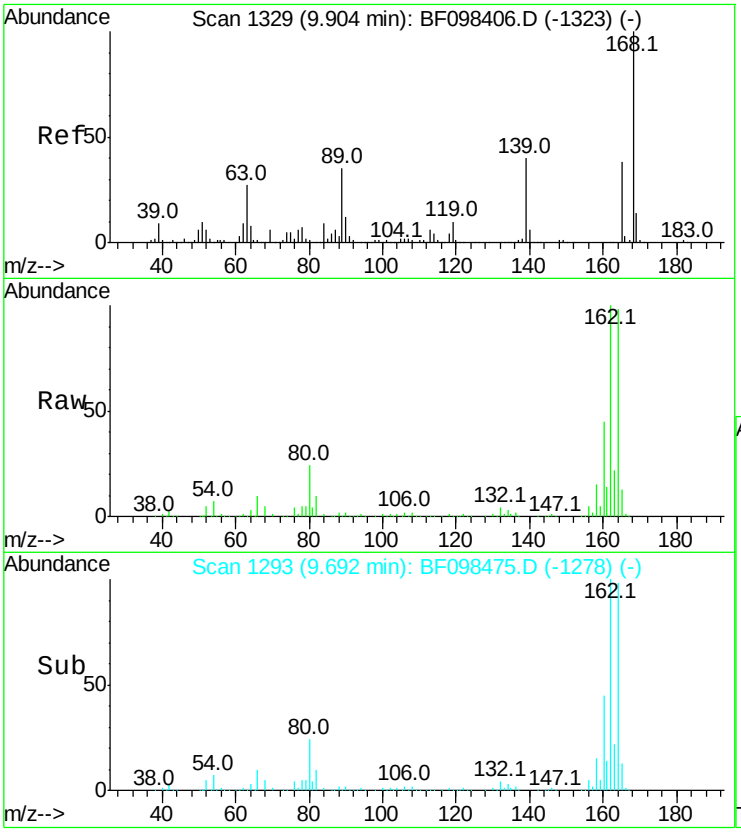


#50
2,6-Dinitrotoluene
Concen: 8.085 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.19 min
Lab File: BF098475.D
Acq: 13 Sep 2017 3:17

Tgt Ion:165 Resp: 41057

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	1.7	37.1	55.7#



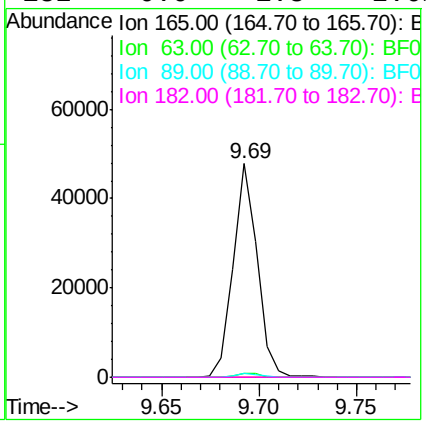


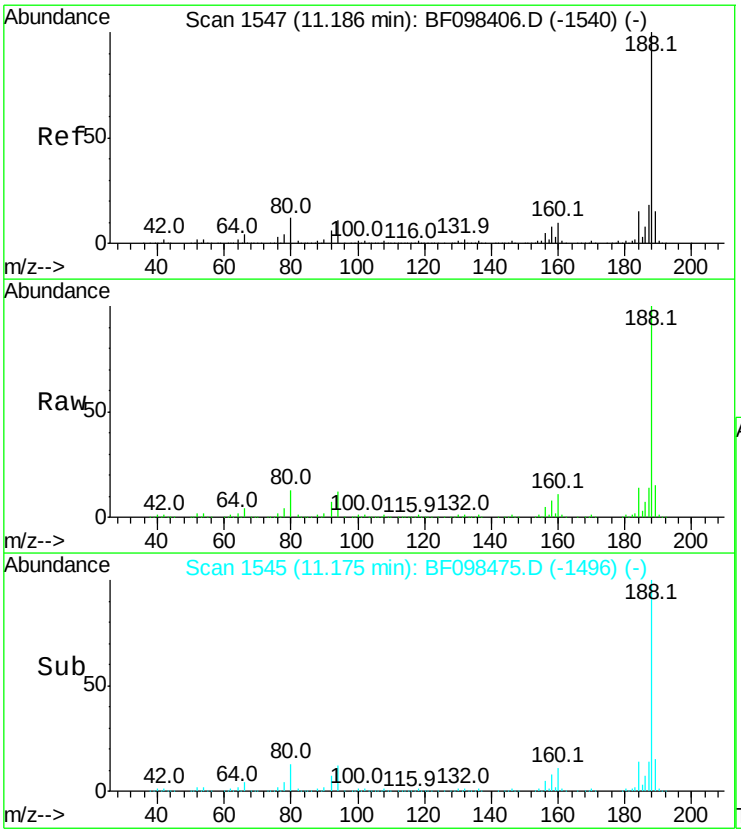
#56
2,4-Dinitrotoluene
Concen: 6.650 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.21 min
Lab File: BF098475.D
Acq: 13 Sep 2017 3:17

Instrument :
BNA_F
ClientSampleId :
OK-02-090817

Tgt Ion:165 Resp: 41057

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#

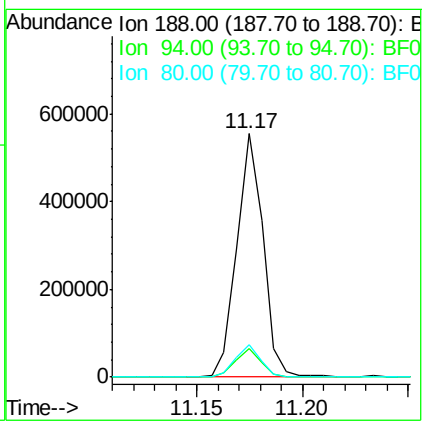


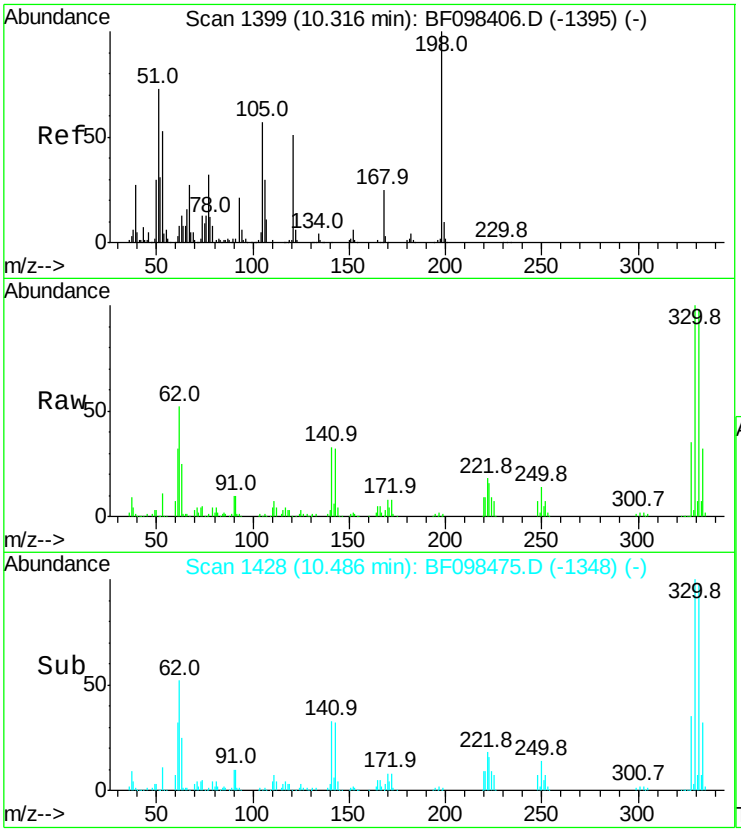


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF098475.D
Acq: 13 Sep 2017 3:17

Tgt Ion:188 Resp: 477191

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	13.4	10.2	15.2



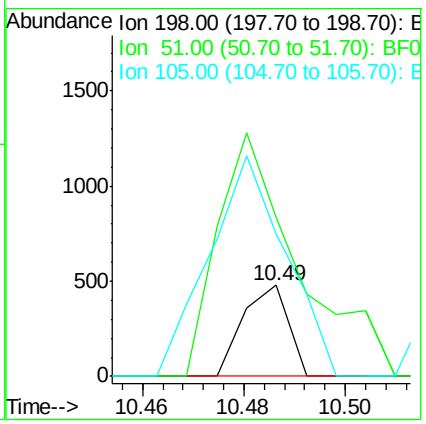


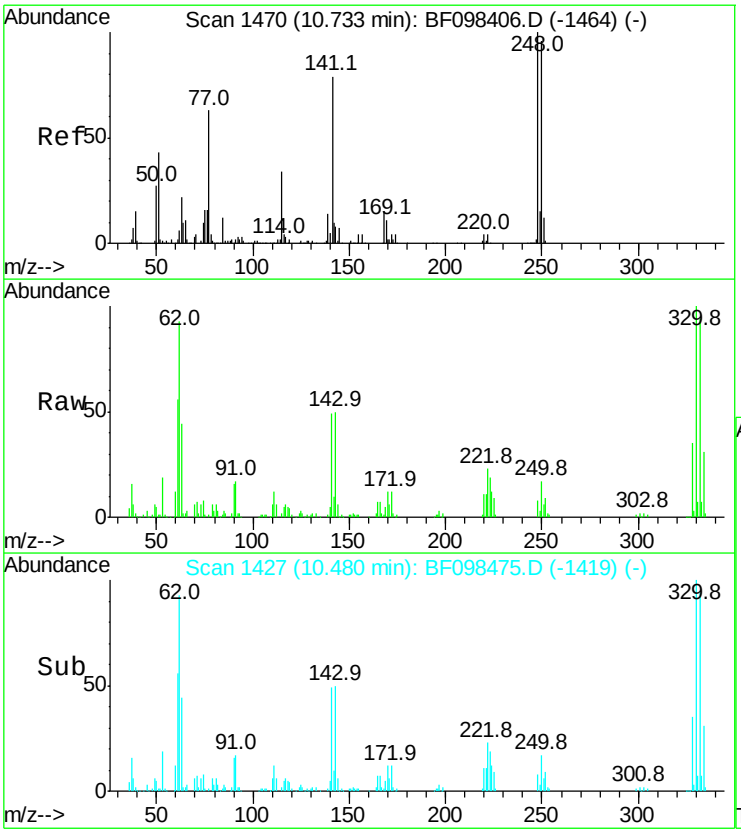
#64
4,6-Dinitro-2-methylphenol
Concen: 5.055 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.17 min
Lab File: BF098475.D
Acq: 13 Sep 2017 3:17

Instrument :
BNA_F
ClientSampleId :
OK-02-090817

Tgt Ion:198 Resp: 296

Ion	Ratio	Lower	Upper
198	100		
51	175.2	53.2	93.2#
105	156.6	45.8	85.8#

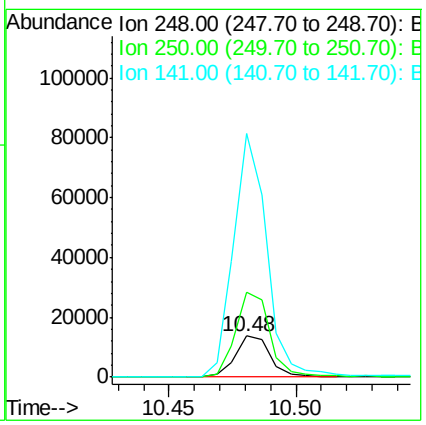


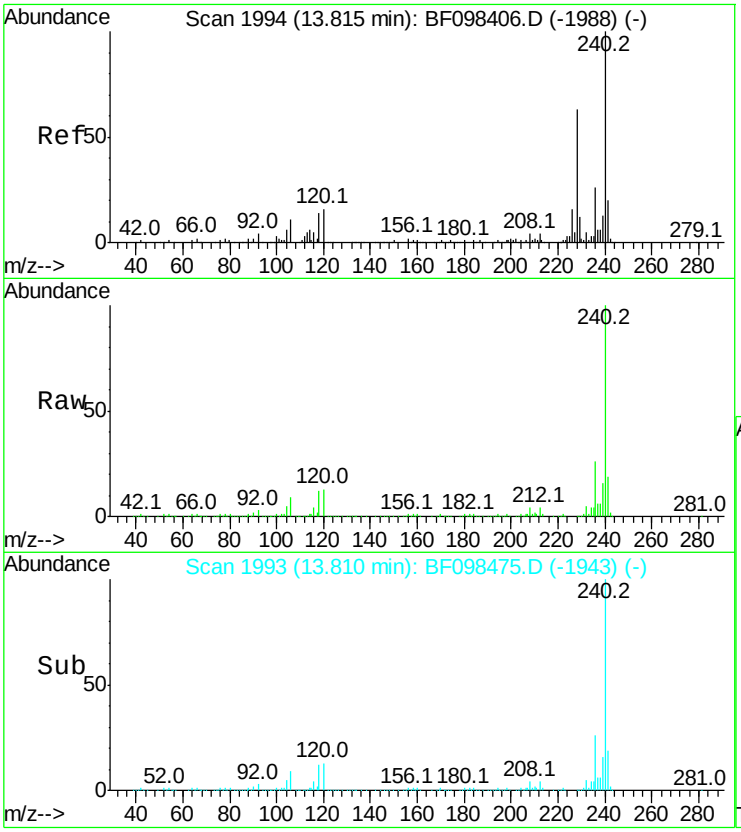


#66
4-Bromophenyl-phenylether
Concen: 2.921 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.25 min
Lab File: BF098475.D
Acq: 13 Sep 2017 3:17

Tgt Ion:248 Resp: 13231

Ion	Ratio	Lower	Upper
248	100		
250	205.5	76.8	115.2#
141	591.9	68.6	103.0#



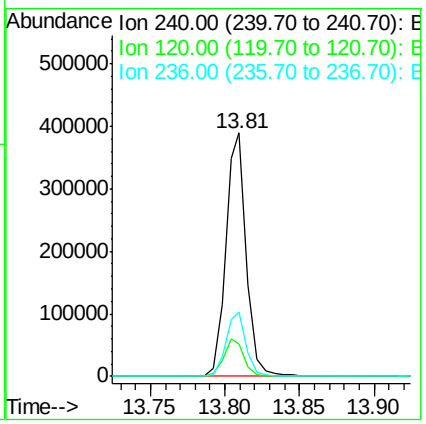


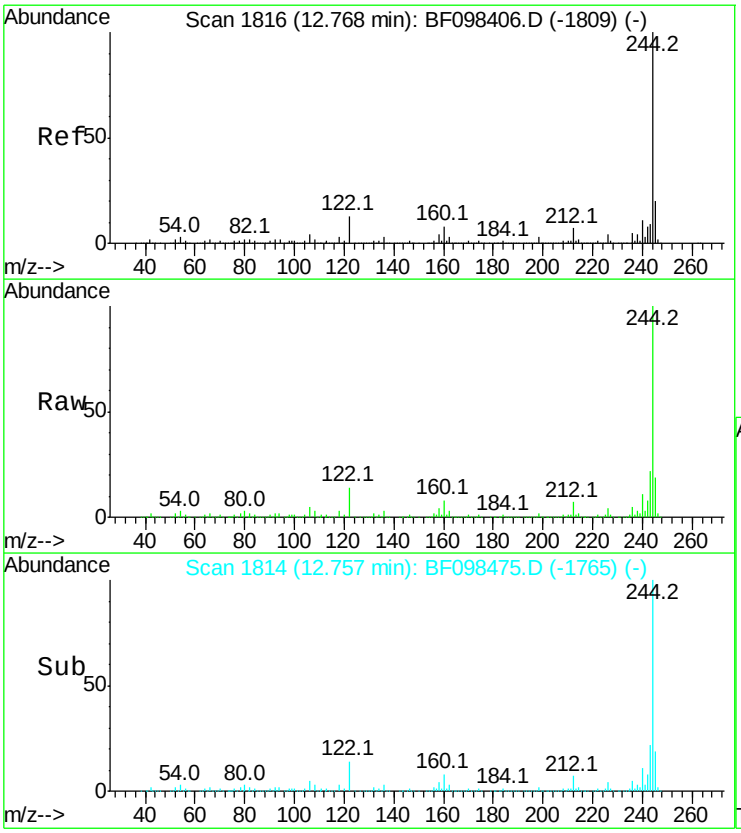
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF098475.D
Acq: 13 Sep 2017 3:17

Instrument :
BNA_F
ClientSampleId :
OK-02-090817

Tgt Ion:240 Resp: 374821

Ion	Ratio	Lower	Upper
240	100		
120	13.5	5.8	8.8#
236	26.2	20.5	30.7

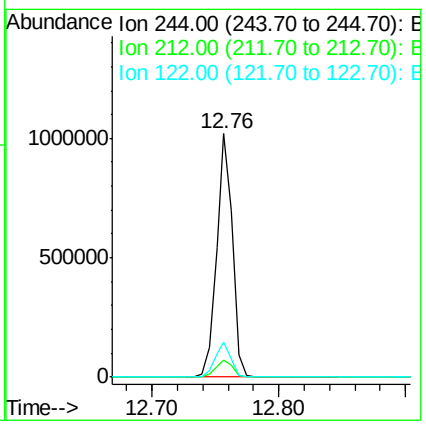


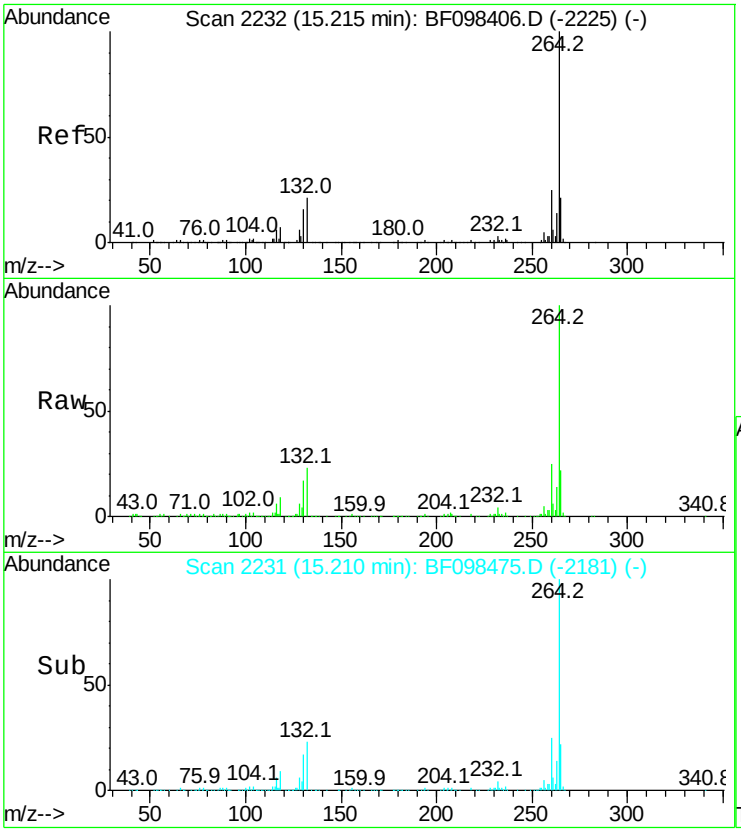


#78
Terphenyl-d14
Concen: 51.190 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF098475.D
Acq: 13 Sep 2017 3:17

Tgt Ion:244 Resp: 888932

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.3	10.3	15.5

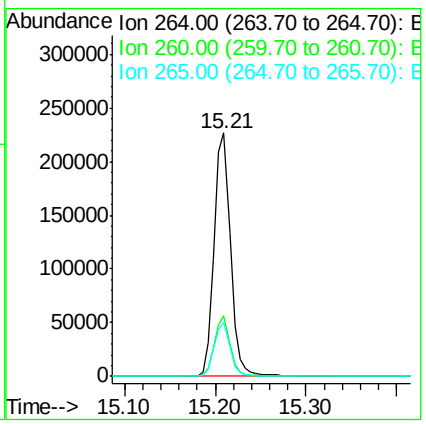




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF098475.D
Acq: 13 Sep 2017 3:17

Tgt Ion:264 Resp: 284573

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.2	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
OK-02-090817