Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
Data File : BF092789.D
Acq On : 3 Feb 2017 21:38
Operator : SJ/MA
Sample : I1687-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-B6-B7-001

Quant Time: Feb 03 22:15:11 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	150283	20.00	ng	-0.05
21) Naphthalene-d8	8.21	136	501548	20.00	ng	-0.05
38) Acenaphthene-d10	9.97	164	273126	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	504038	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	445928	20.00	ng	-0.05
86) Perylene-d12	15.56	264	144202	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1070948	122.26	ng	-0.03
7) Phenol-d6	6.57	99	1294130	114.82	ng	-0.03
23) Nitrobenzene-d5	7.49	82	872236	96.85	ng	-0.05
41) 2,4,6-Tribromophenol	10.76	330	287568	145.57	ng	-0.05
44) 2-Fluorobiphenyl	9.29	172	1438893	95.44	ng	-0.05
78) Terphenyl-d14	13.05	244	1337353	70.47	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.49	70	111218	15.50	ng	# 76
25) Isophorone	7.49	82	831239	49.53	ng	# 65
50) 2,6-Dinitrotoluene	9.97	165	34610	8.71	ng	# 30
56) 2,4-Dinitrotoluene	9.97	165	34611	6.54	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.76	198	488	2.82	ng	# 1
66) 4-Bromophenyl-phenylether	10.76	248	19803	3.76	ng	# 1

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

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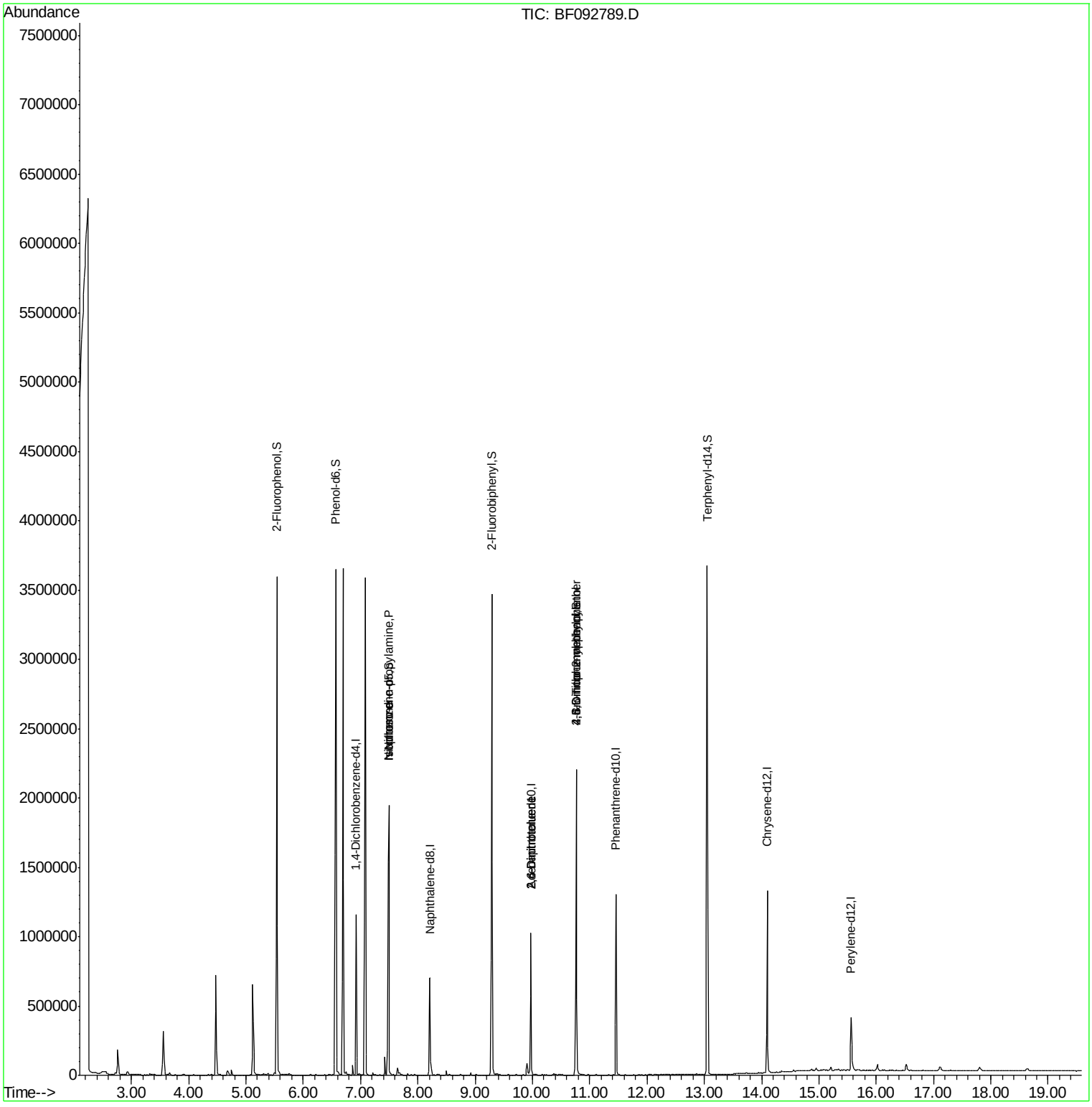
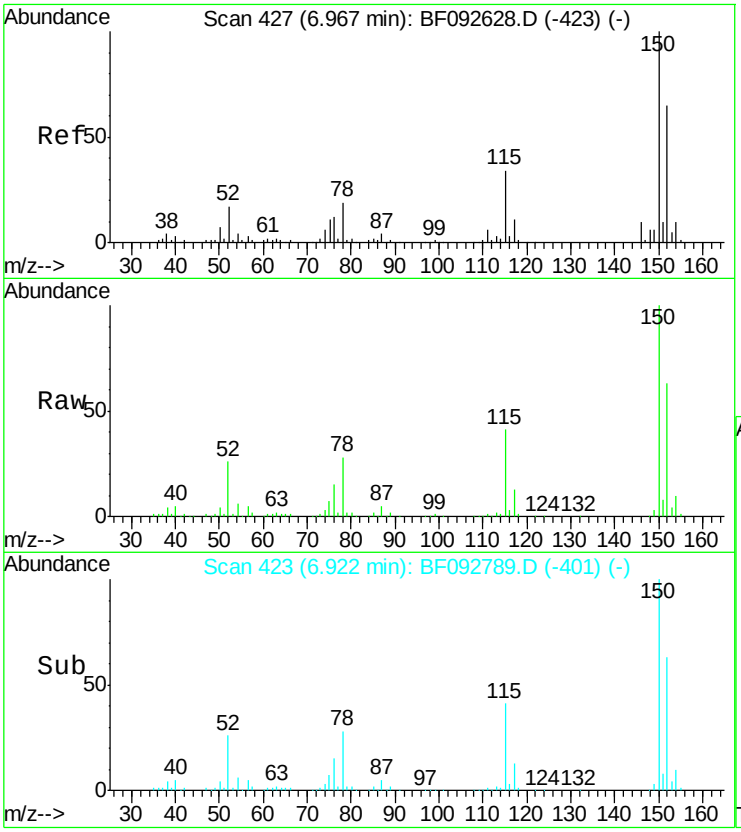


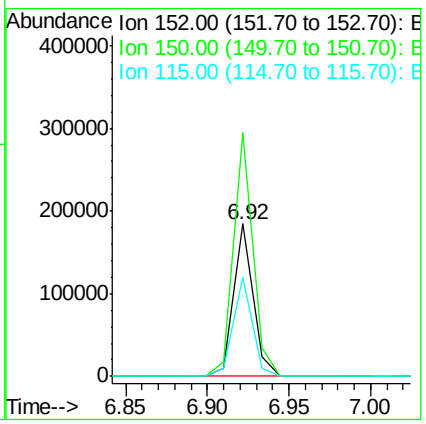


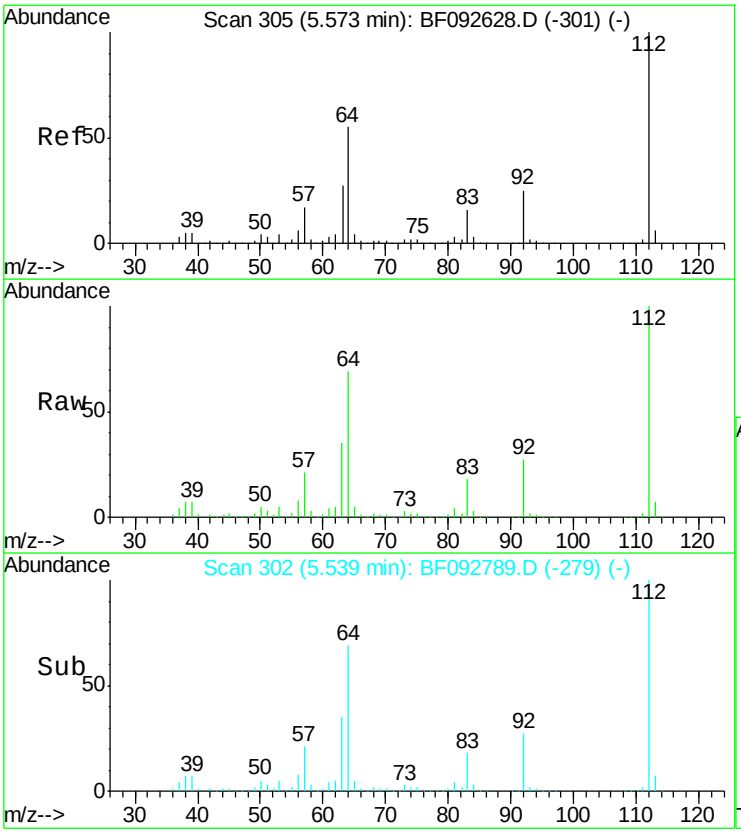
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.05 min
Lab File: BF092789.D
Acq: 3 Feb 2017 21:38

Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001

Tgt Ion:152 Resp: 150283

Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.9	187.3
115	65.2	46.0	69.0

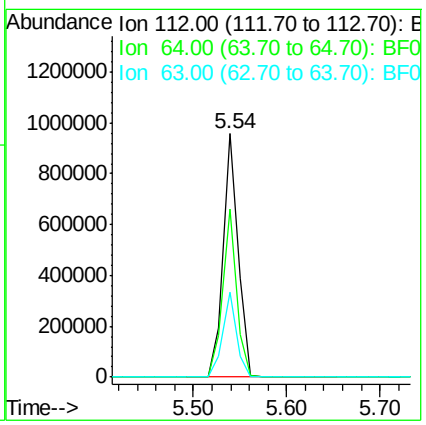


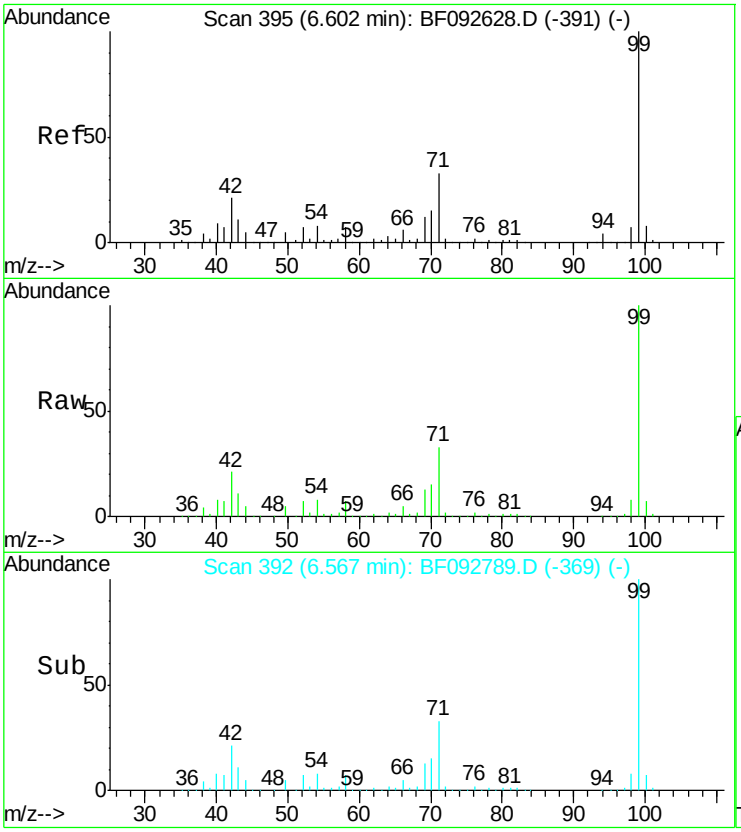


#5
2-Fluorophenol
Concen: 122.26 ng
RT: 5.54 min Scan# 302
Delta R.T. -0.03 min
Lab File: BF092789.D
Acq: 3 Feb 2017 21:38

Tgt Ion:112 Resp: 1070948

Ion	Ratio	Lower	Upper
112	100		
64	69.0	46.1	69.1
63	34.6	23.8	35.6



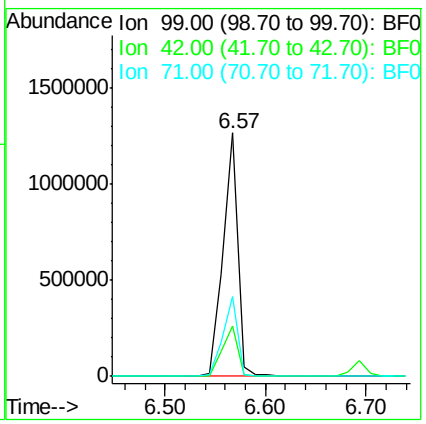


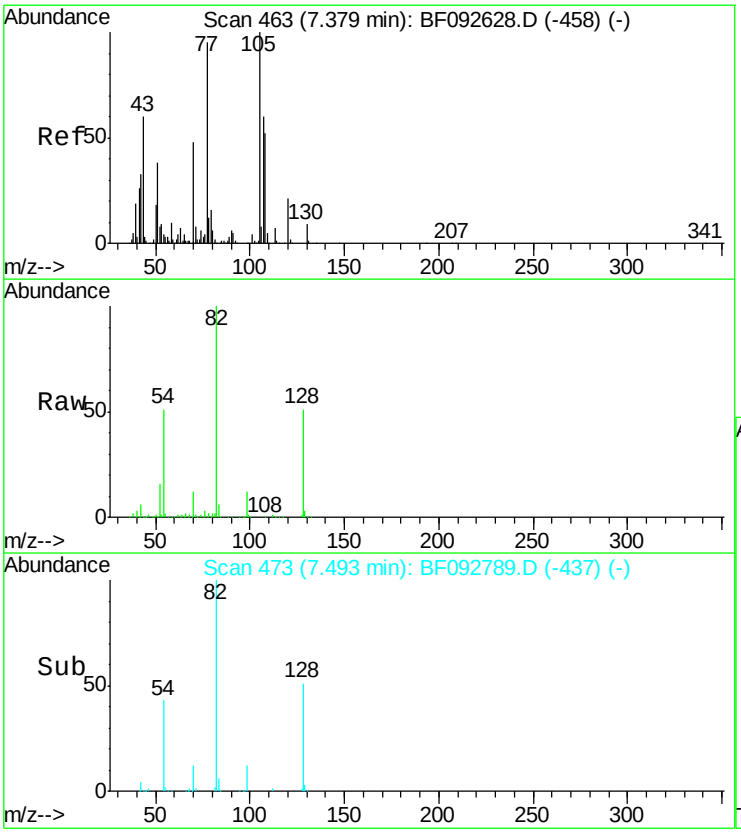
#7
Phenol-d6
Concen: 114.82 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.03 min
Lab File: BF092789.D
Acq: 3 Feb 2017 21:38

Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001

Tgt Ion: 99 Resp: 1294130

Ion	Ratio	Lower	Upper
99	100		
42	20.6	15.6	23.4
71	32.6	27.5	41.3

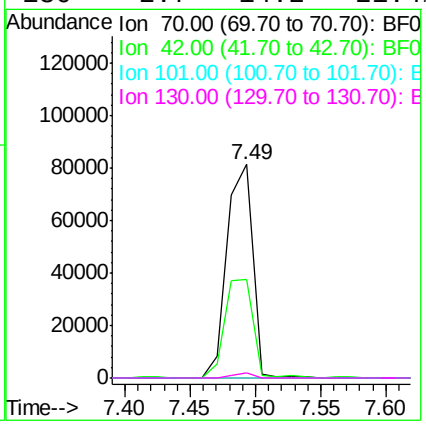


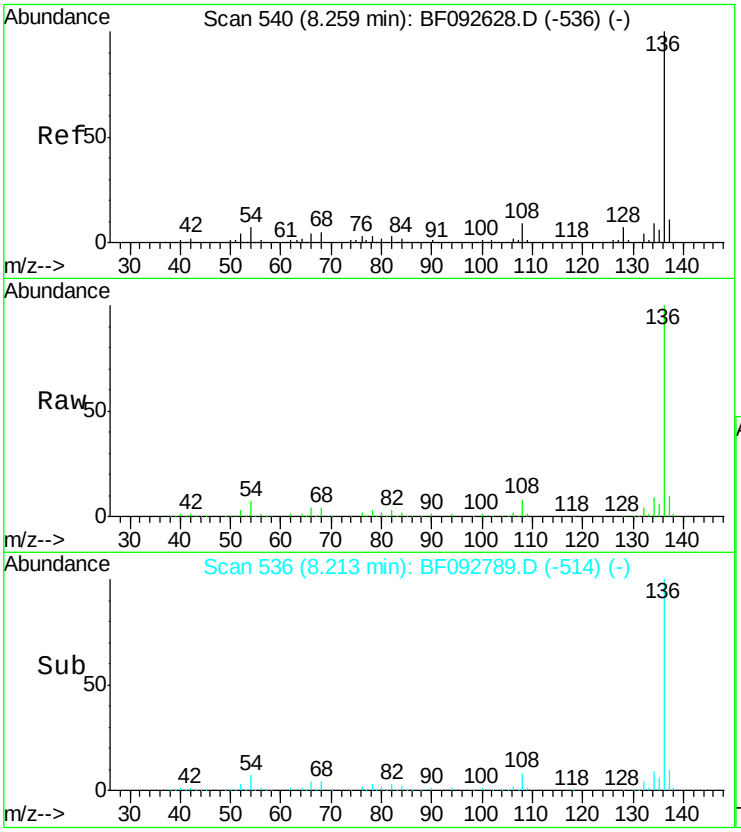


#19
n-Nitroso-di-n-propylamine
Concen: 15.50 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.11 min
Lab File: BF092789.D
Acq: 3 Feb 2017 21:38

Tgt Ion: 70 Resp: 111218

Ion	Ratio	Lower	Upper
70	100		
42	46.2	49.4	74.0#
101	0.0	7.4	11.2#
130	2.7	14.2	21.4#



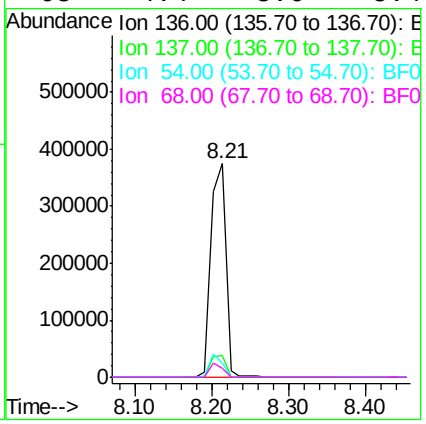


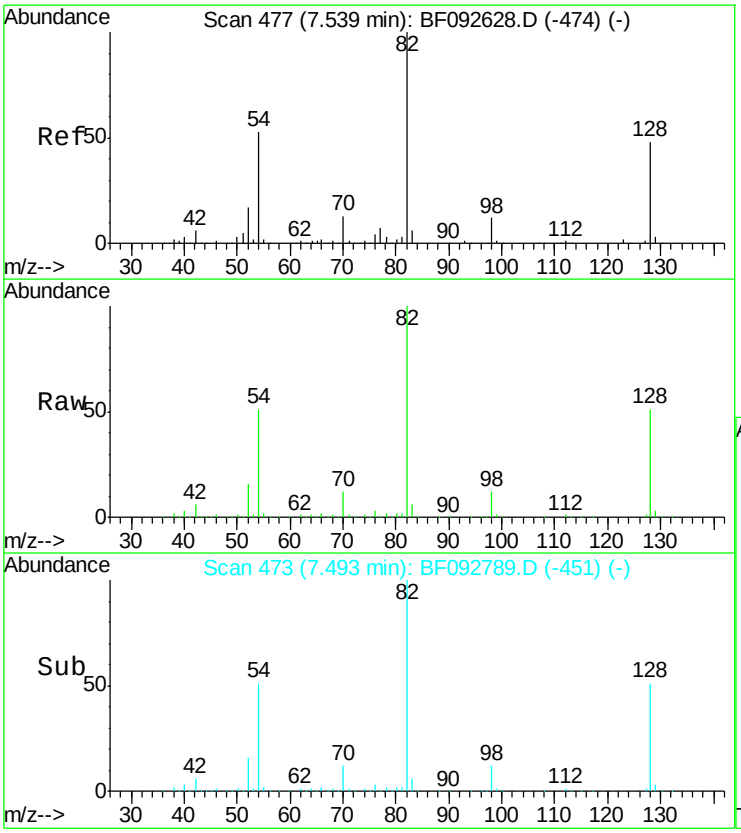
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF092789.D
Acq: 3 Feb 2017 21:38

Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001

Tgt Ion:136 Resp: 501548

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.4	12.6
54	6.6	4.5	6.7
68	4.4	3.6	5.4

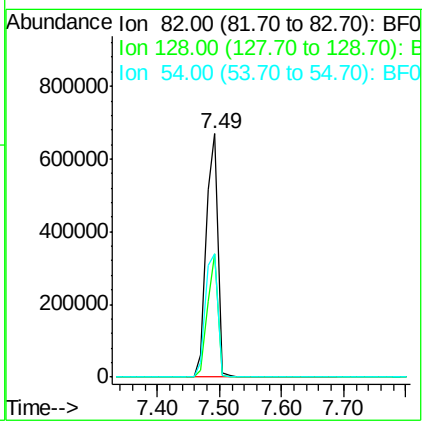


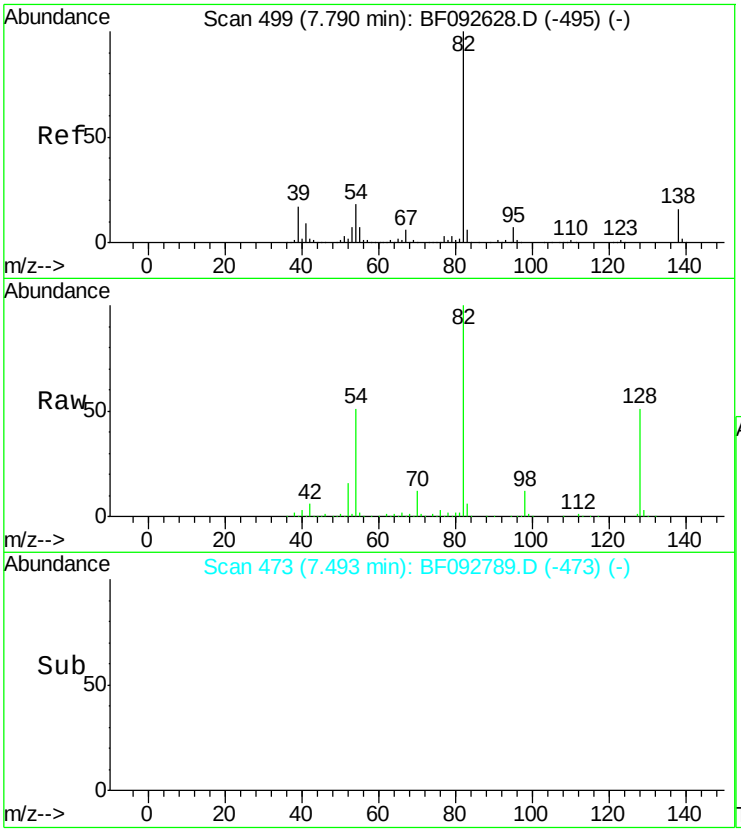


#23
Nitrobenzene-d5
Concen: 96.85 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.05 min
Lab File: BF092789.D
Acq: 3 Feb 2017 21:38

Tgt Ion: 82 Resp: 872236

Ion	Ratio	Lower	Upper
82	100		
128	50.9	34.6	52.0
54	50.6	39.5	59.3



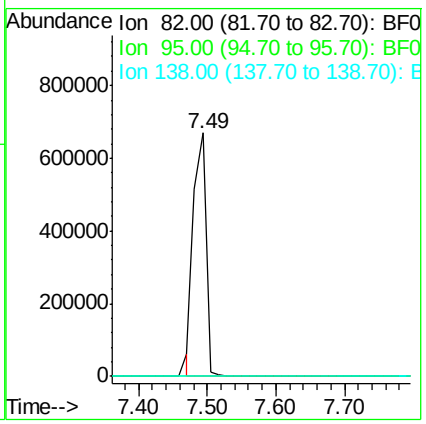


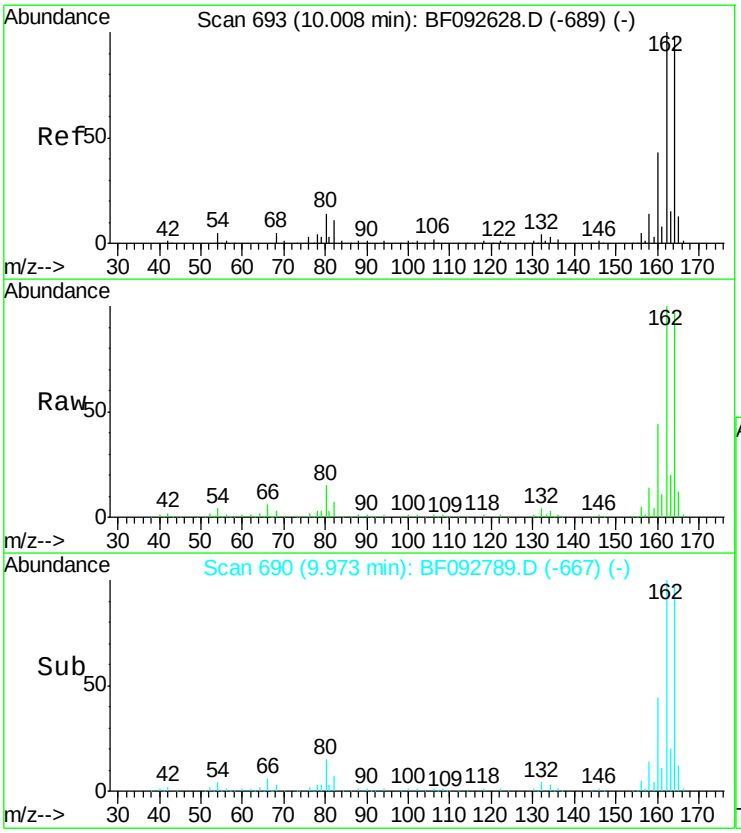
#25
Isophorone
Concen: 49.53 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.30 min
Lab File: BF092789.D
Acq: 3 Feb 2017 21:38

Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001

Tgt Ion: 82 Resp: 831239

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

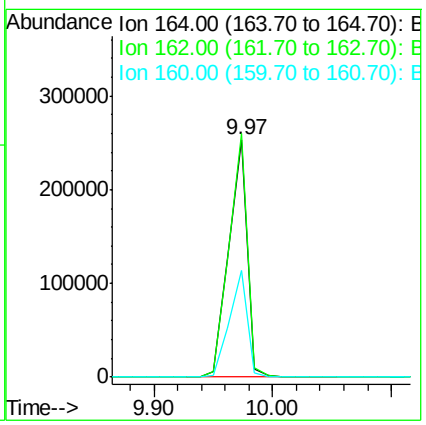


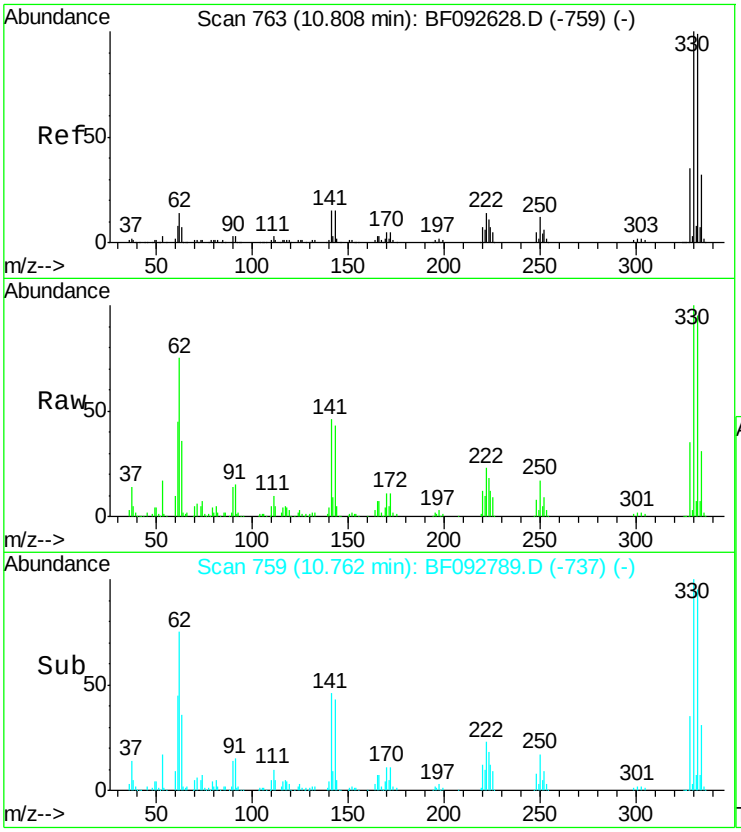


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF092789.D
Acq: 3 Feb 2017 21:38

Tgt Ion:164 Resp: 273126

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.2	120.2
160	44.7	36.9	55.3



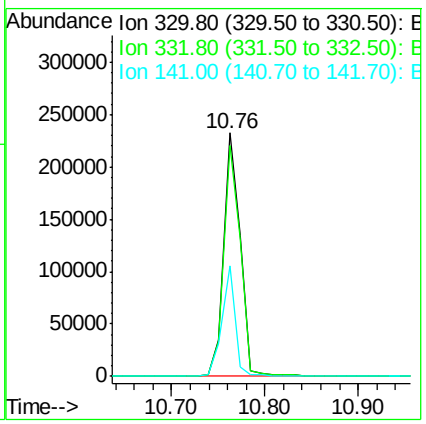


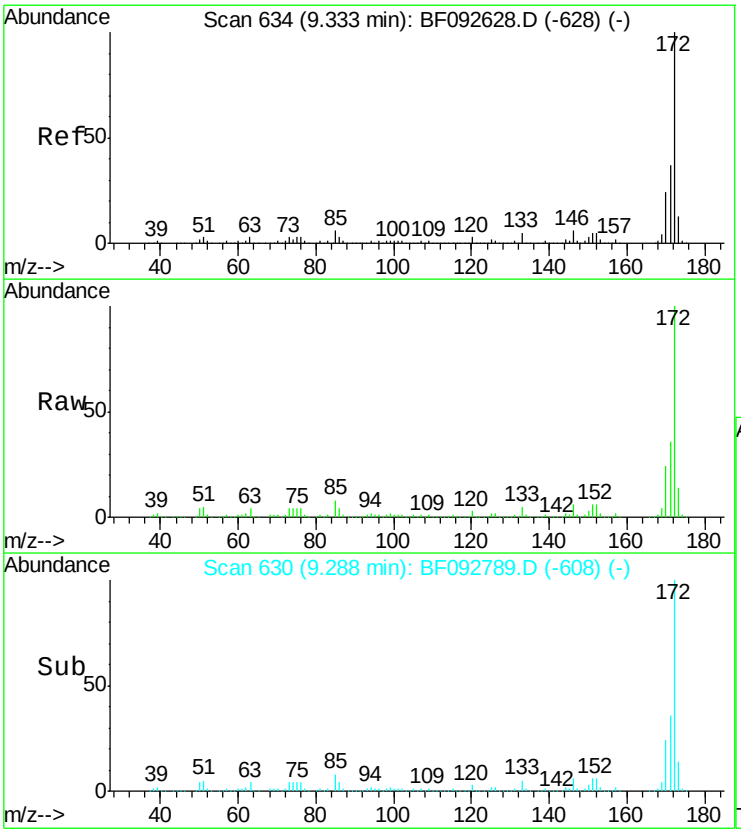
#41
2,4,6-Tribromophenol
Concen: 145.57 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.05 min
Lab File: BF092789.D
Acq: 3 Feb 2017 21:38

Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001

Tgt Ion:330 Resp: 287568

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	36.4	34.1	51.1

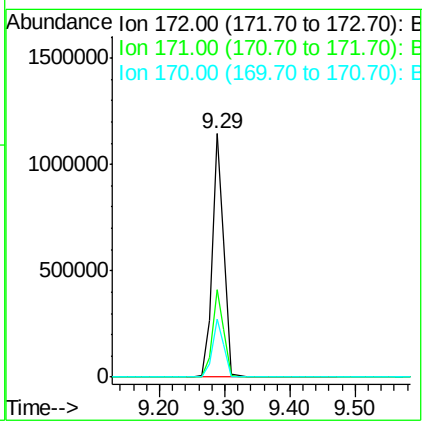


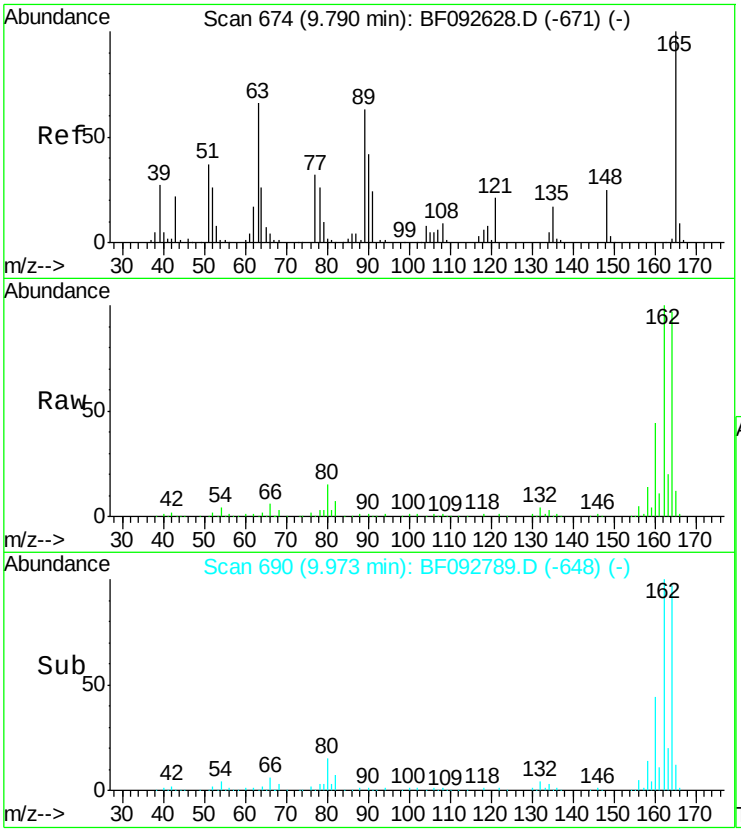


#44
2-Fluorobiphenyl
Concen: 95.44 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.05 min
Lab File: BF092789.D
Acq: 3 Feb 2017 21:38

Tgt Ion:172 Resp: 1438893

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.0	20.2	30.4



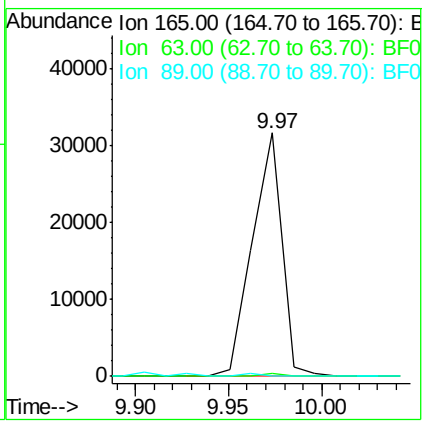


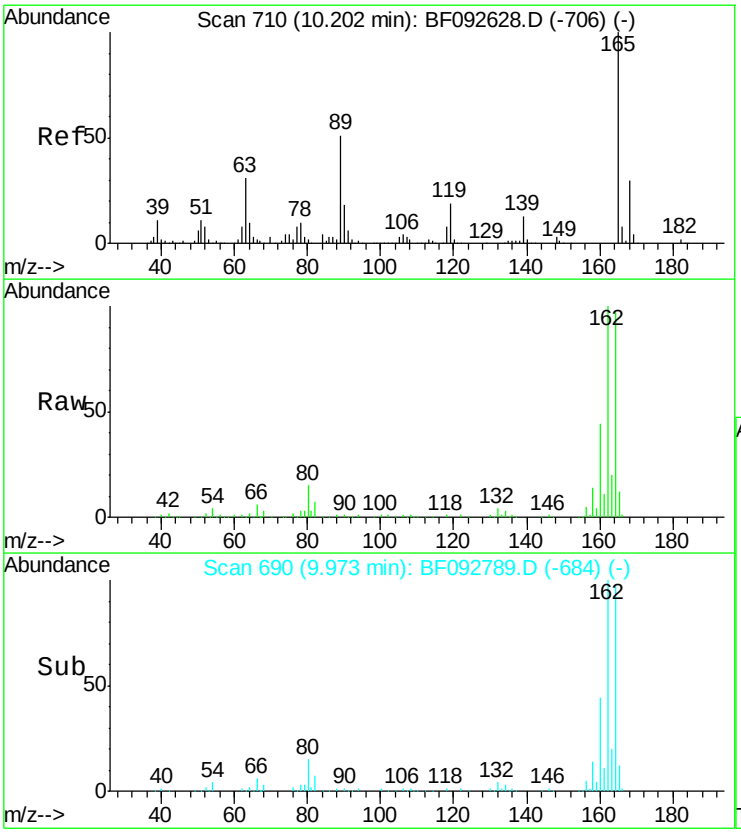
#50
2,6-Dinitrotoluene
Concen: 8.71 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.18 min
Lab File: BF092789.D
Acq: 3 Feb 2017 21:38

Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001

Tgt Ion:165 Resp: 34610

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.2	54.4#
89	0.0	40.2	60.4#

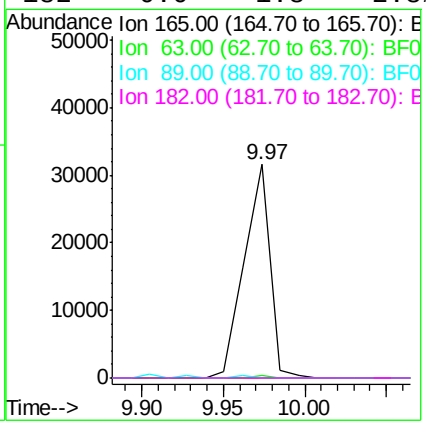


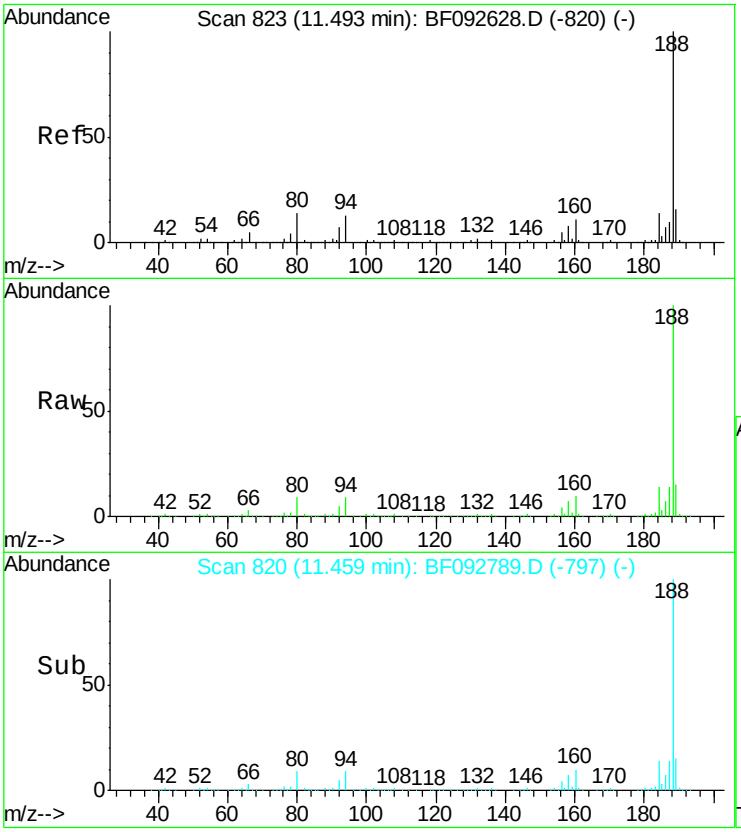


#56
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.23 min
Lab File: BF092789.D
Acq: 3 Feb 2017 21:38

Tgt Ion:165 Resp: 34611

Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.2	60.4#
89	0.0	62.5	93.7#
182	0.0	1.8	2.8#



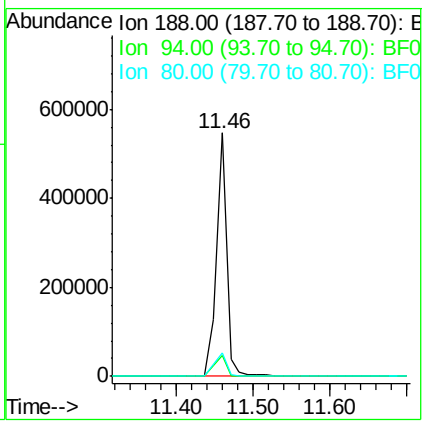


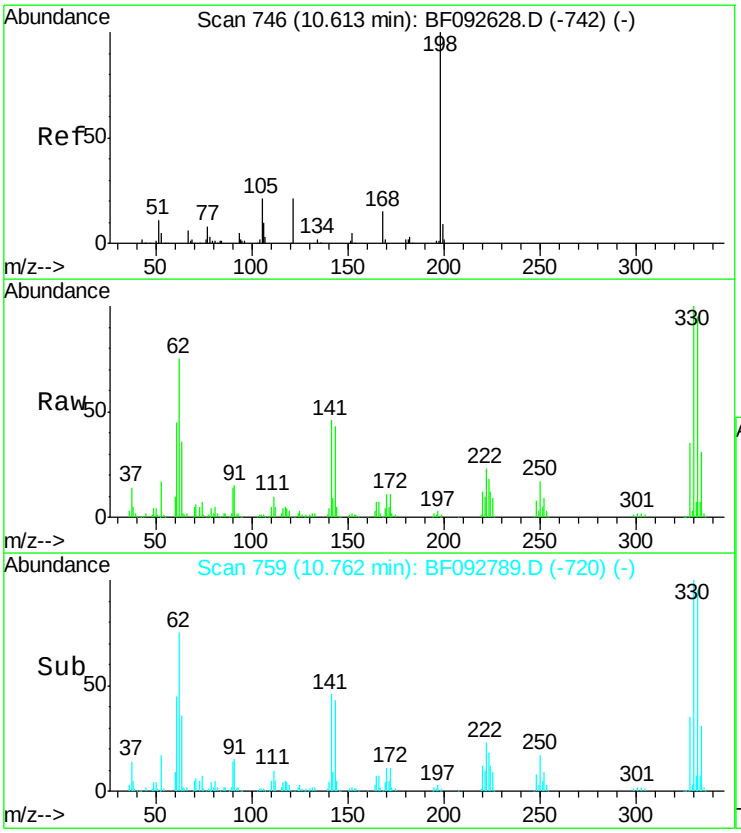
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092789.D
Acq: 3 Feb 2017 21:38

Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001

Tgt Ion:188 Resp: 504038

Ion	Ratio	Lower	Upper
188	100		
94	8.8	10.0	15.0#
80	9.5	11.2	16.8#

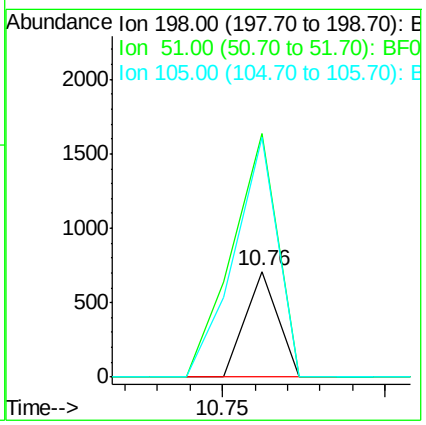


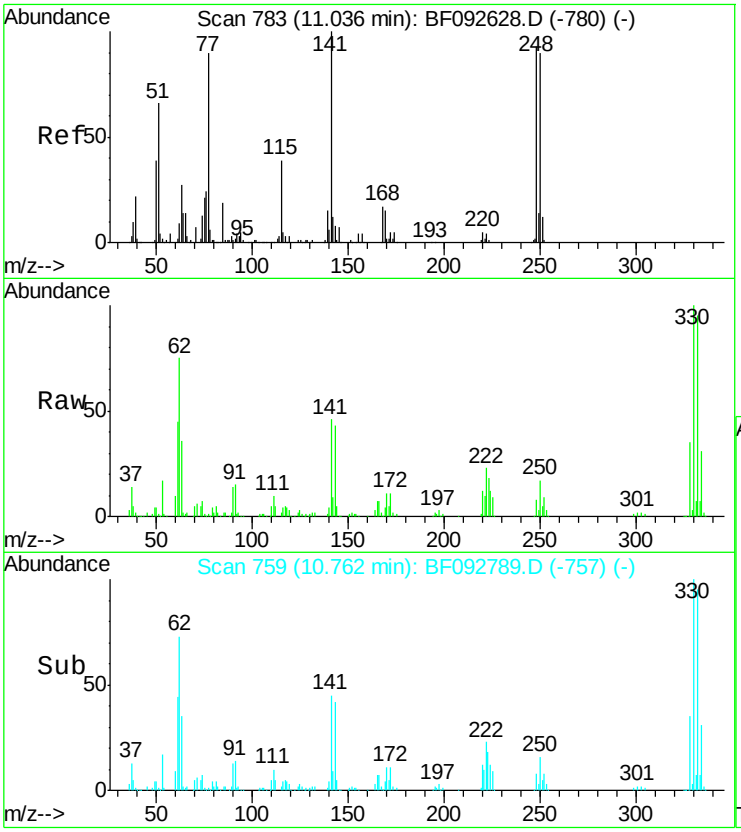


#64
4,6-Dinitro-2-methylphenol
Concen: 2.82 ng
RT: 10.76 min Scan# 759
Delta R.T. 0.15 min
Lab File: BF092789.D
Acq: 3 Feb 2017 21:38

Tgt Ion:198 Resp: 488

Ion	Ratio	Lower	Upper
198	100		
51	230.1	6.7	46.7#
105	227.0	16.6	56.6#



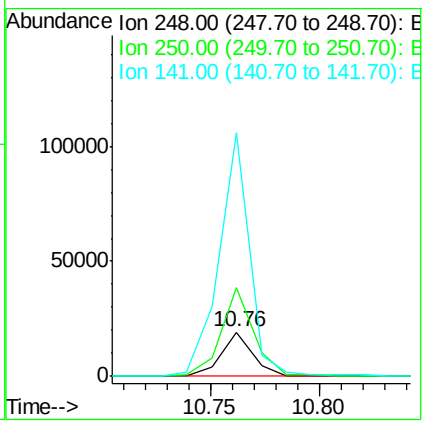


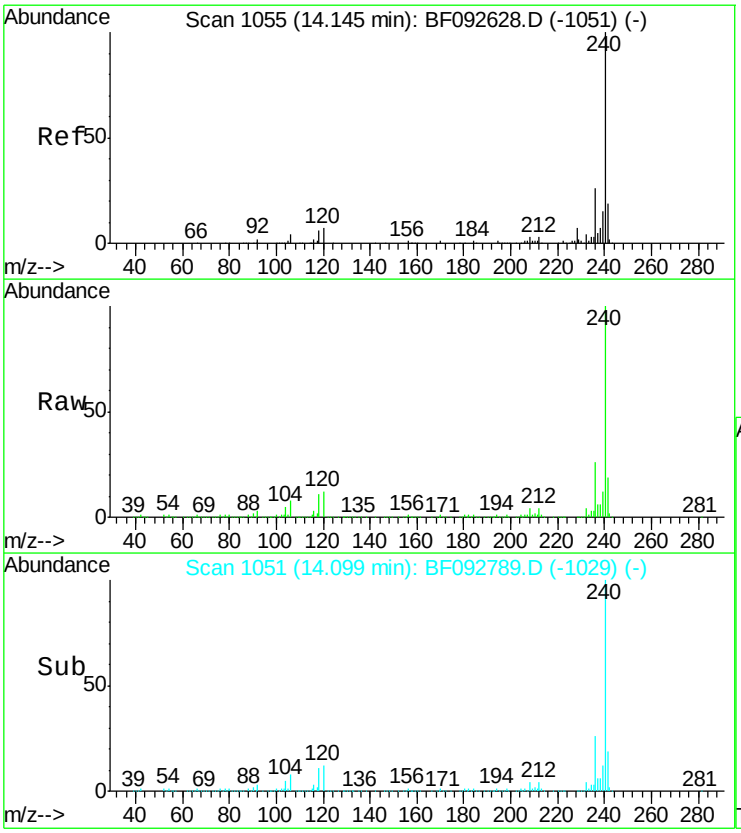
#66
4-Bromophenyl-phenylether
Concen: 3.76 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.27 min
Lab File: BF092789.D
Acq: 3 Feb 2017 21:38

Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001

Tgt Ion:248 Resp: 19803

Ion	Ratio	Lower	Upper
248	100		
250	198.9	76.9	115.3#
141	547.3	68.2	102.4#

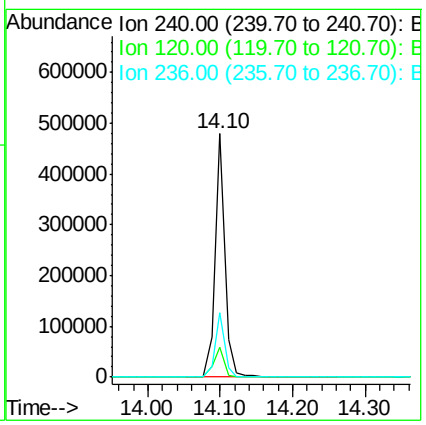


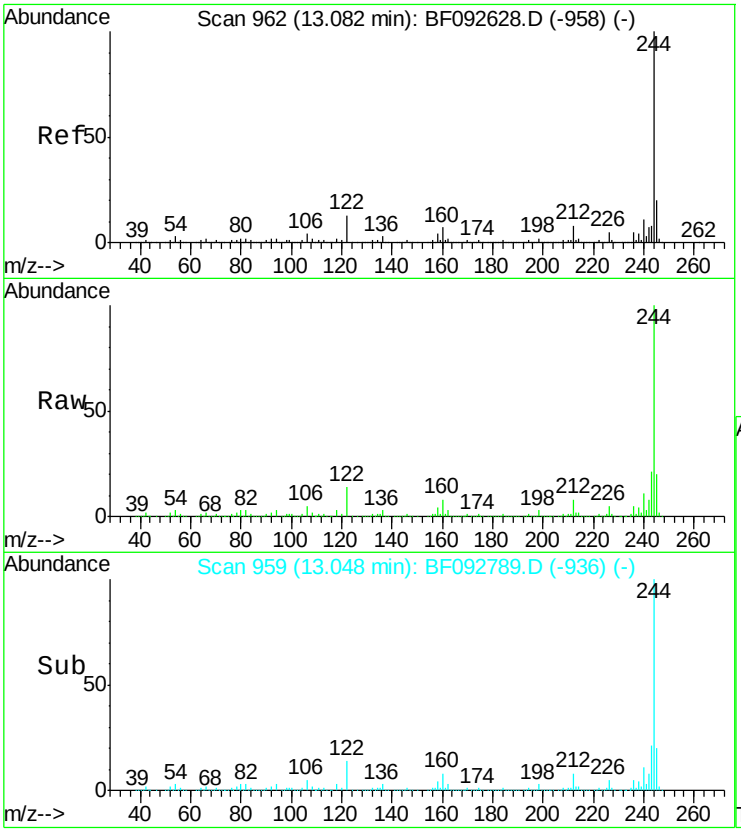


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1051
Delta R.T. -0.05 min
Lab File: BF092789.D
Acq: 3 Feb 2017 21:38

Tgt Ion:240 Resp: 445928

Ion	Ratio	Lower	Upper
240	100		
120	12.4	12.9	19.3#
236	26.3	20.9	31.3



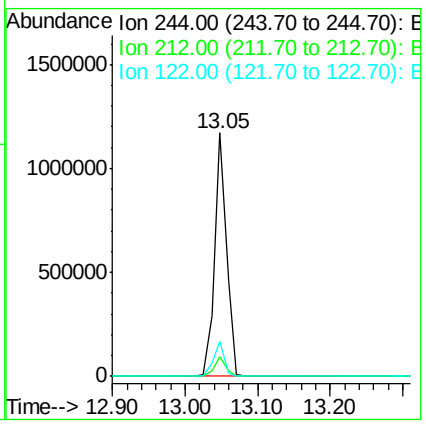


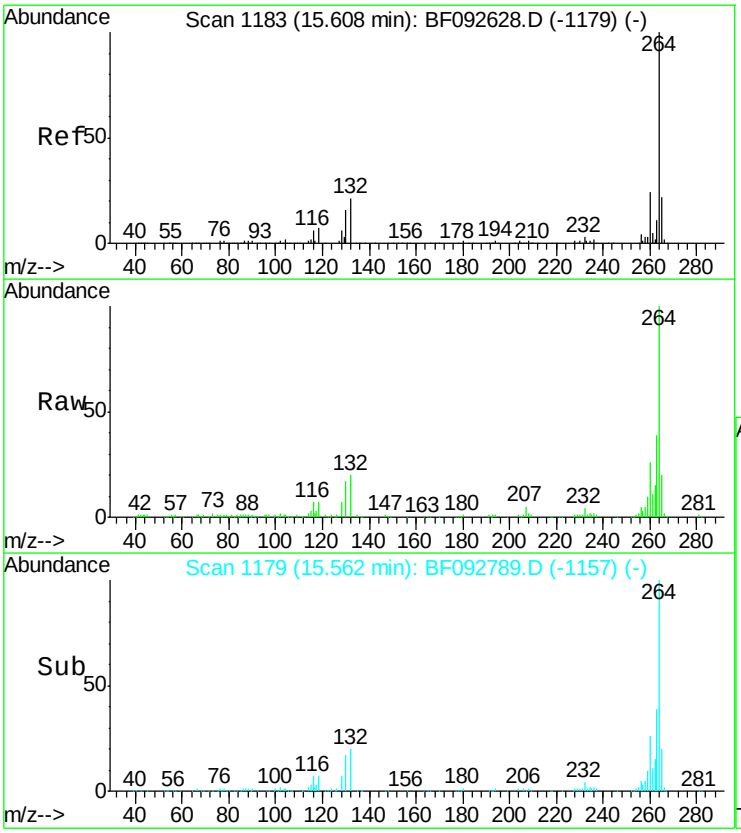
#78
Terphenyl-d14
Concen: 70.47 ng
RT: 13.05 min Scan# 959
Delta R.T. -0.03 min
Lab File: BF092789.D
Acq: 3 Feb 2017 21:38

Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001

Tgt Ion:244 Resp: 1337353

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	14.4	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF092789.D
Acq: 3 Feb 2017 21:38

Tgt Ion:264 Resp: 144202

Ion	Ratio	Lower	Upper
264	100		
260	26.2	19.2	28.8
265	20.1	17.4	26.0