Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092897.D
Acq On : 10 Feb 2017 21:45
Operator : SJ/MA
Sample : I1769-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 9717

Quant Time: Feb 10 23:09:27 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	6.90	152	166568	20.00	ng	-0.07
21) Naphthalene-d8	8.18	136	662697	20.00	ng	-0.08
38) Acenaphthene-d10	9.94	164	394958	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	658964	20.00	ng	-0.07
75) Chrysene-d12	14.05	240	490329	20.00	ng	-0.09
86) Perylene-d12	15.51	264	381890	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1293373	133.22	ng	-0.06
7) Phenol-d6	6.54	99	1584931	126.87	ng	-0.06
23) Nitrobenzene-d5	7.46	82	1022249	85.90	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	382548	133.92	ng	-0.08
44) 2-Fluorobiphenyl	9.26	172	1975834	90.63	ng	-0.07
78) Terphenyl-d14	13.01	244	1729697	82.89	ng	-0.07
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	131137	16.49	ng	# 81
25) Isophorone	7.46	82	1020592	46.02	ng	# 65
32) Benzoic acid	7.92	122	4435	7.82	ng	88
50) 2,6-Dinitrotoluene	9.94	165	50803	8.84	ng	# 30
56) 2,4-Dinitrotoluene	9.94	165	50807	6.64	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.73	198	985	2.90	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	26908	3.91	ng	# 1
76) Benzidine	12.76	184	42076	2.01	ng	# 95

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

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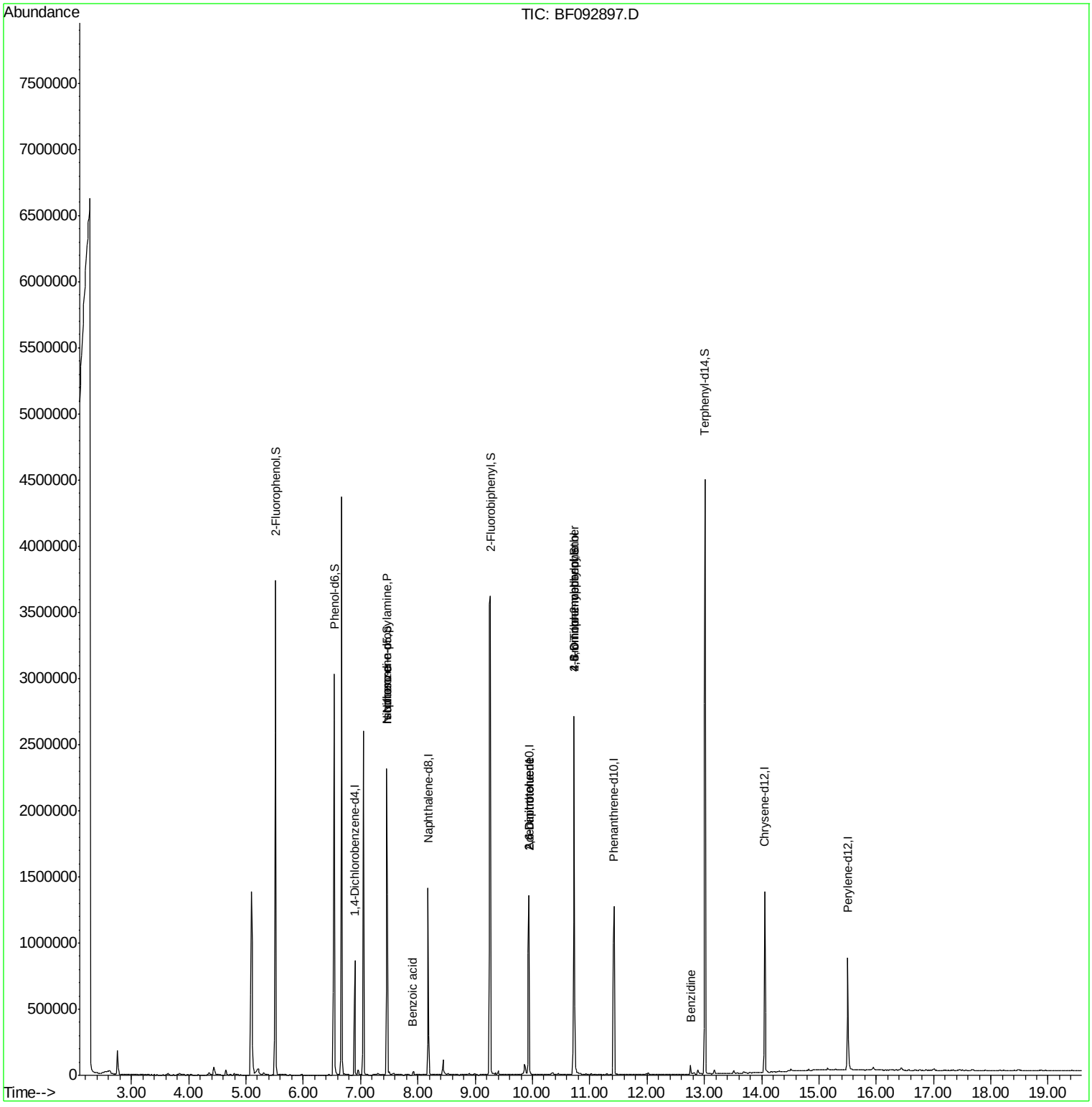
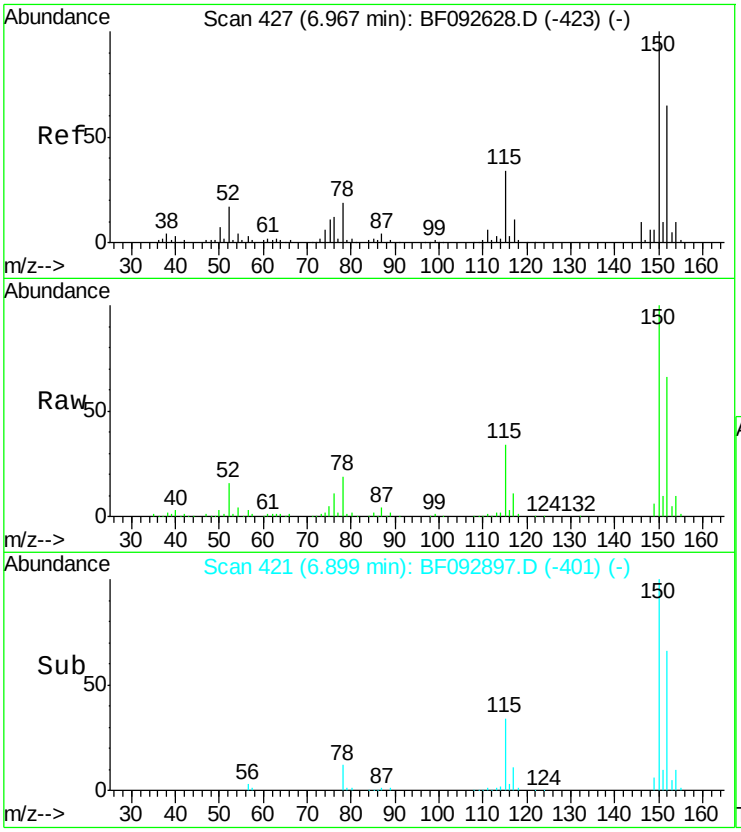


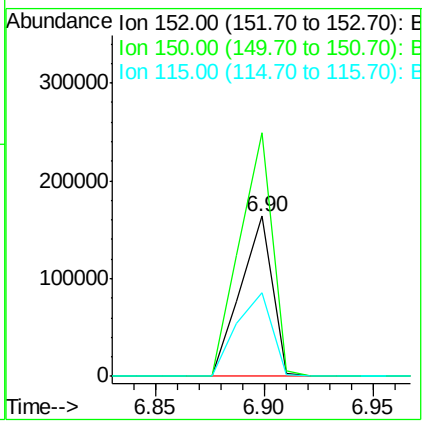


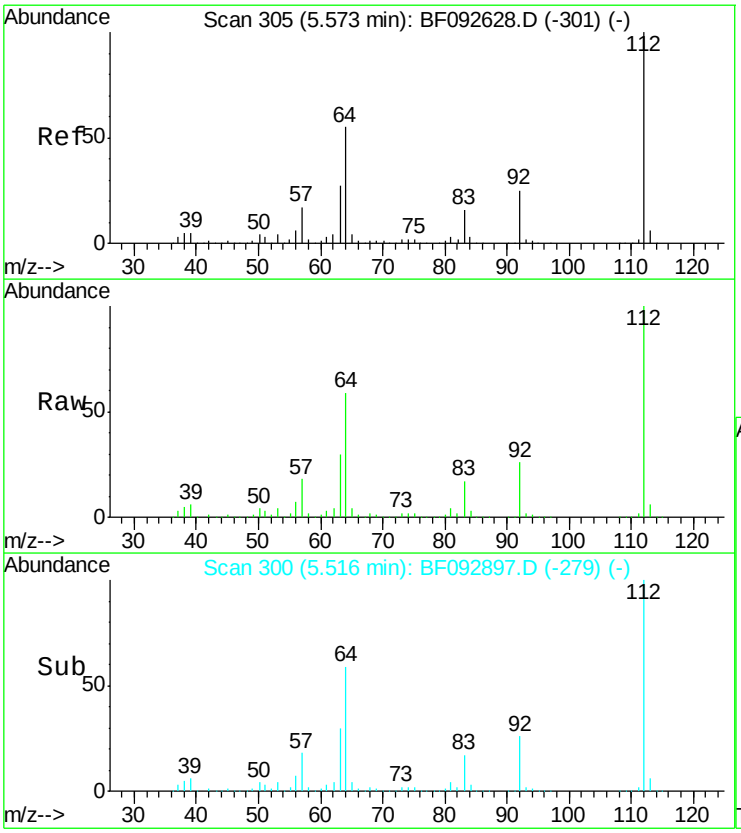
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.07 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Instrument :
BNA_F
ClientSampleId :
9717

Tgt Ion:152 Resp: 166568

Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.9	187.3
115	52.3	46.0	69.0

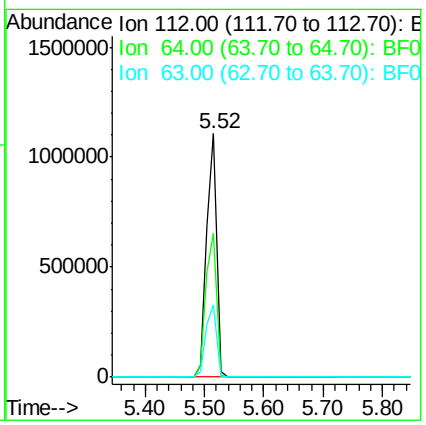


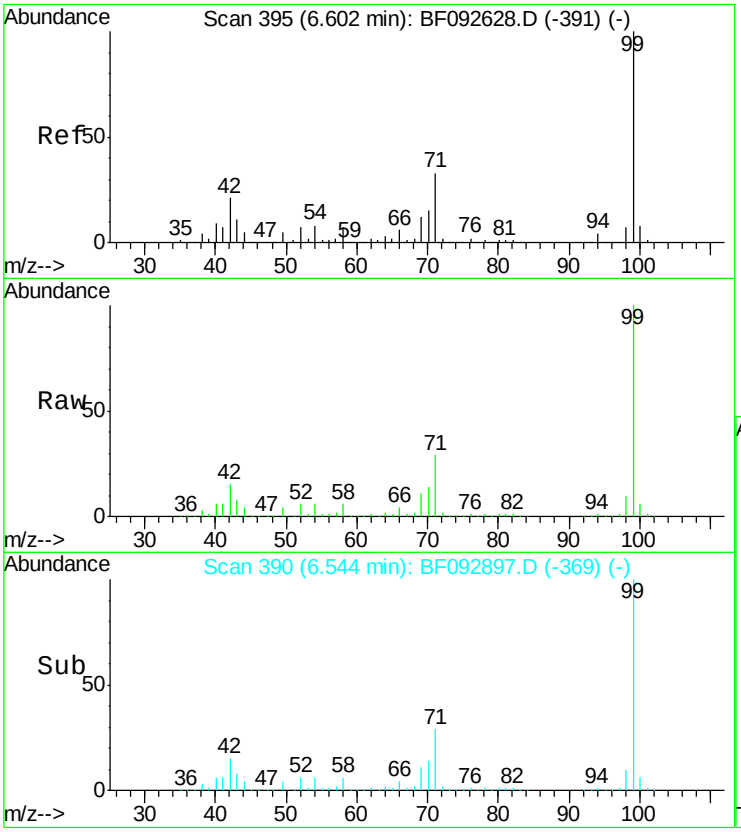


#5
2-Fluorophenol
Concen: 133.22 ng
RT: 5.52 min Scan# 300
Delta R.T. -0.06 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Tgt Ion:112 Resp: 1293373

Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.1	69.1
63	29.5	23.8	35.6



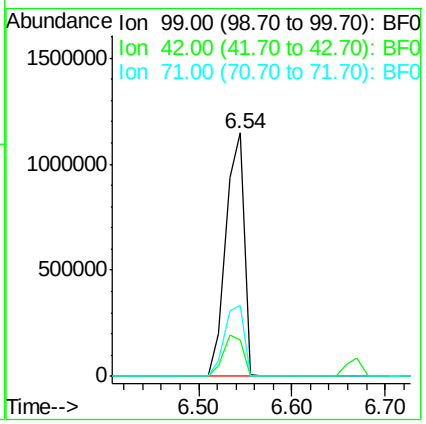


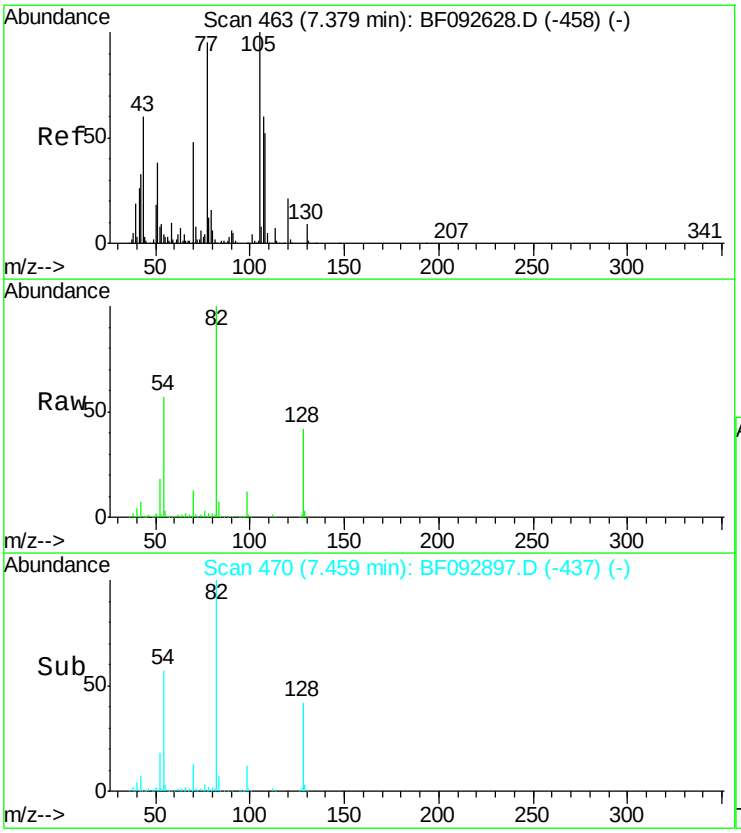
#7
Phenol-d6
Concen: 126.87 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.06 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Instrument :
BNA_F
ClientSampleId :
9717

Tgt Ion: 99 Resp: 1584931

Ion	Ratio	Lower	Upper
99	100		
42	15.0	15.6	23.4#
71	28.9	27.5	41.3

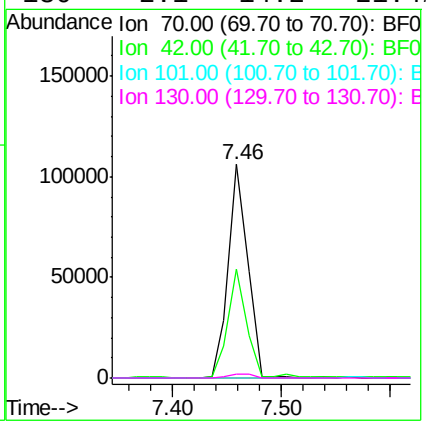


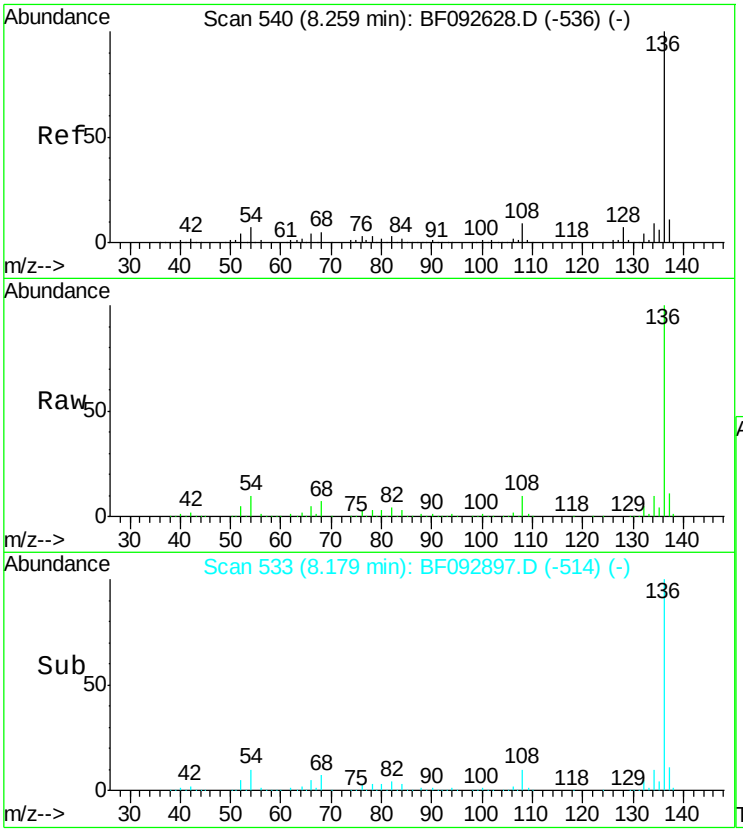


#19
n-Nitroso-di-n-propylamine
Concen: 16.49 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.08 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Tgt Ion: 70 Resp: 131137

Ion	Ratio	Lower	Upper
70	100		
42	51.0	49.4	74.0
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#



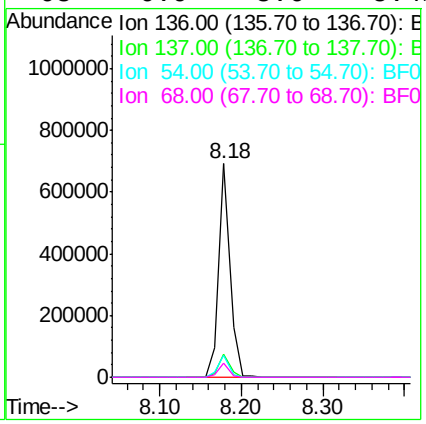


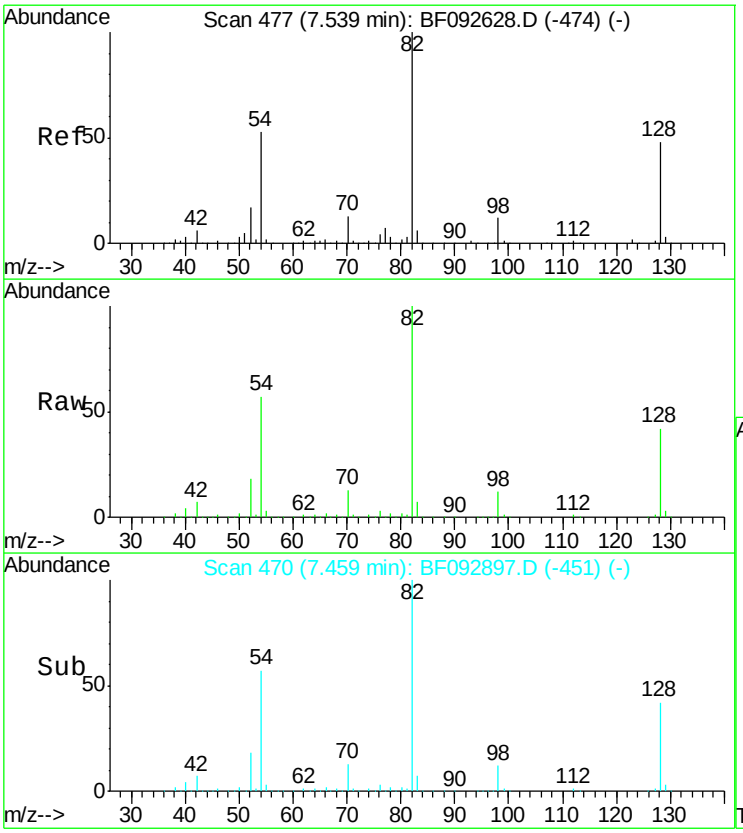
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Instrument :
BNA_F
ClientSampleId :
9717

Tgt Ion:136 Resp: 662697

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.1	4.5	6.7#
68	6.9	3.6	5.4#

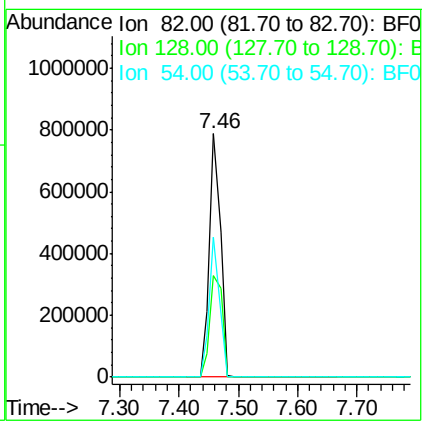


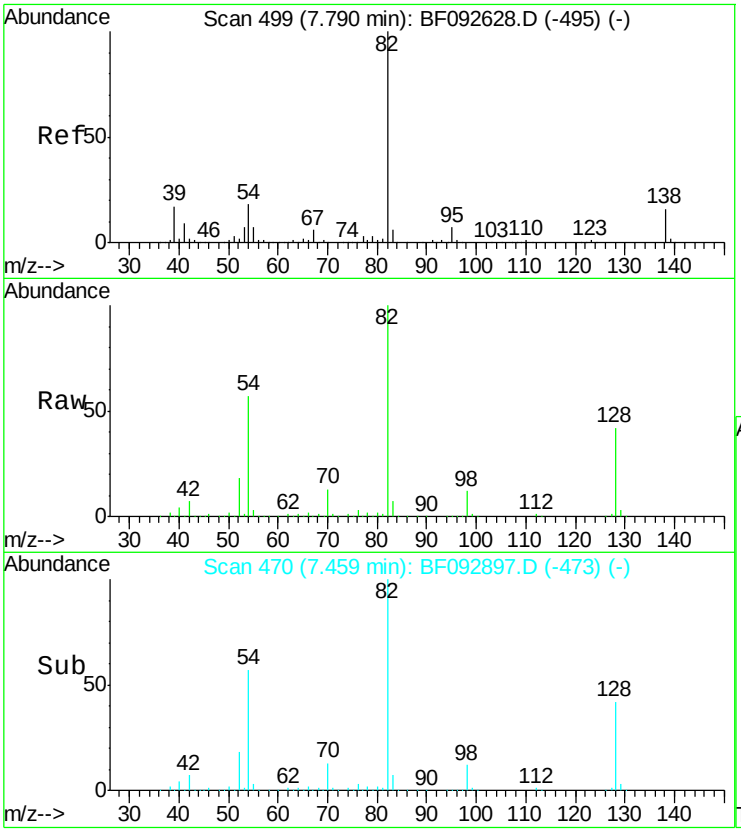


#23
Nitrobenzene-d5
Concen: 85.90 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.08 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Tgt Ion: 82 Resp: 1022249

Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	52.0
54	57.5	39.5	59.3



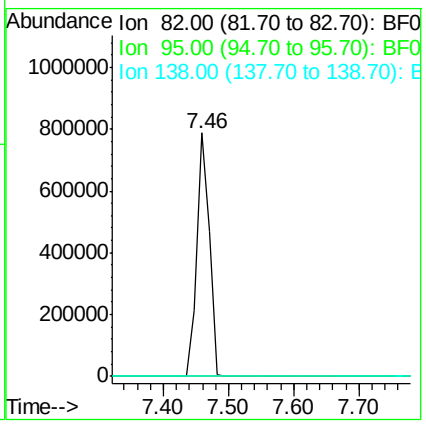


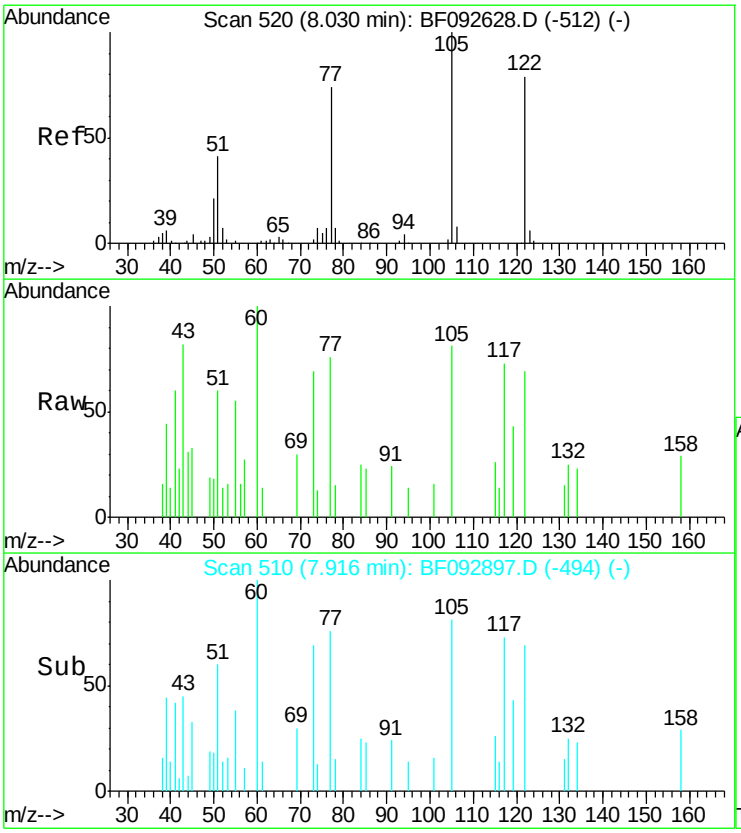
#25
Isophorone
Concen: 46.02 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.33 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Instrument :
BNA_F
ClientSampleId :
9717

Tgt Ion: 82 Resp: 1020592

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

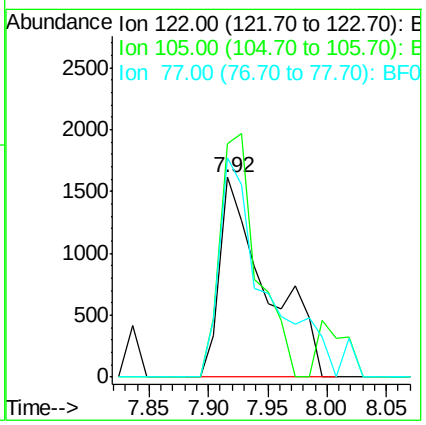


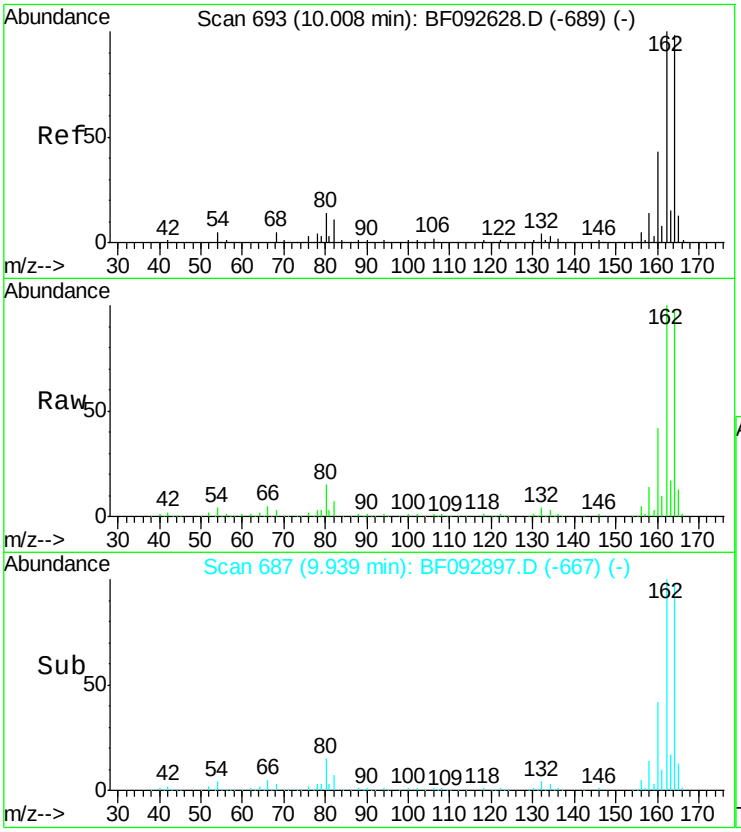


#32
Benzoic acid
Concen: 7.82 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.11 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Tgt Ion:122 Resp: 4435

Ion	Ratio	Lower	Upper
122	100		
105	116.6	107.2	147.2
77	109.5	74.5	114.5



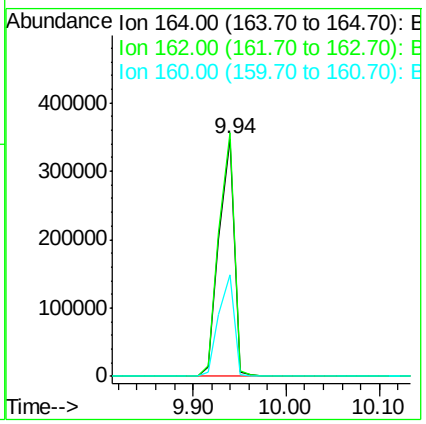


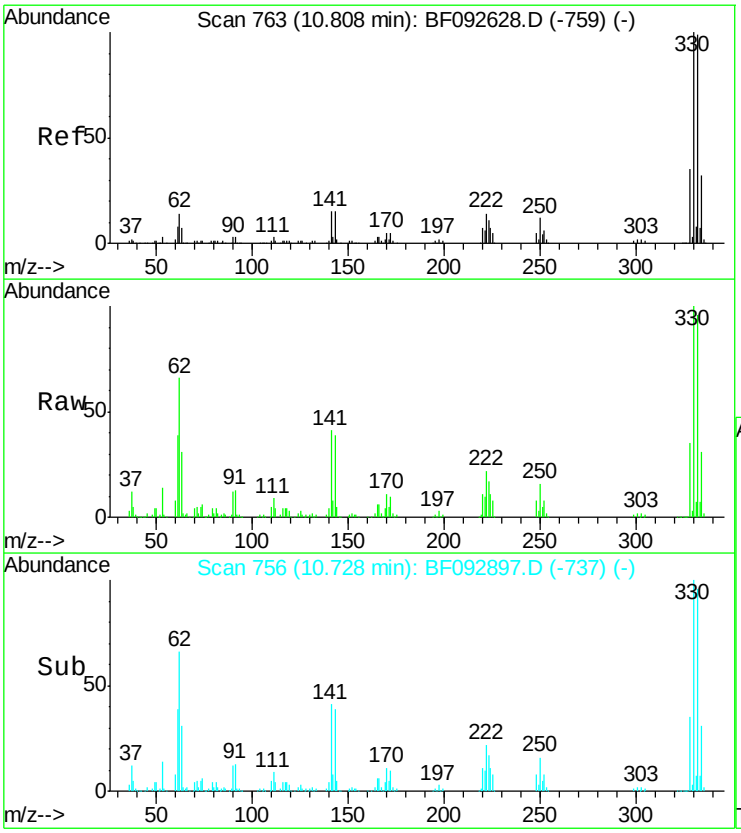
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Instrument :
BNA_F
ClientSampleId :
9717

Tgt Ion:164 Resp: 394958

Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.2	120.2
160	42.6	36.9	55.3

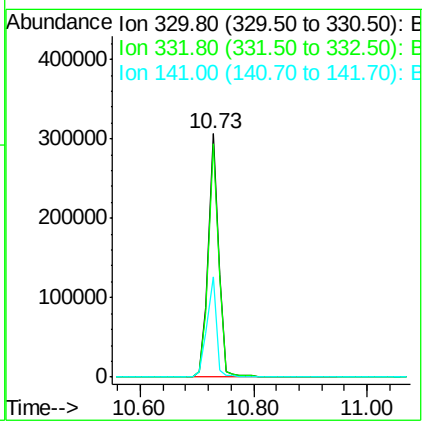


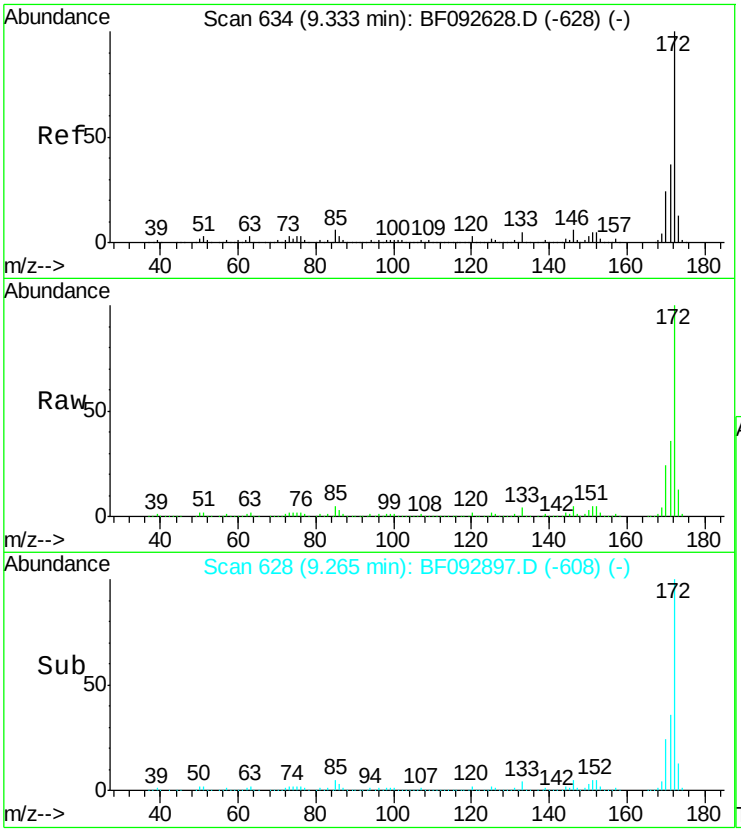


#41
2,4,6-Tribromophenol
Concen: 133.92 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.08 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Tgt Ion:330 Resp: 382548

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.2
141	37.1	34.1	51.1



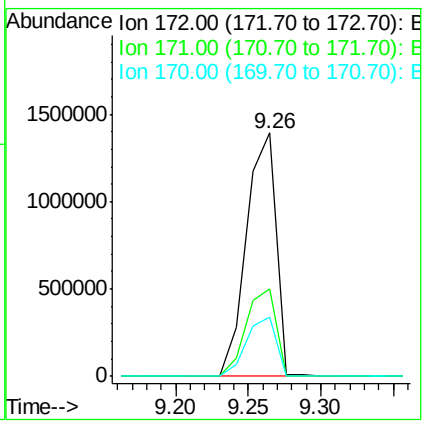


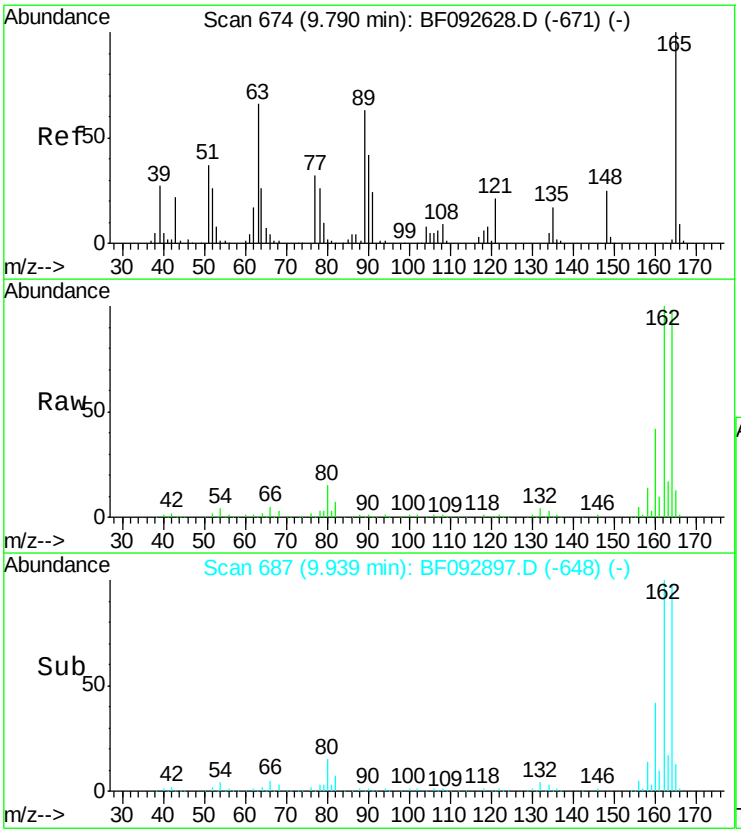
#44
2-Fluorobiphenyl
Concen: 90.63 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.07 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Instrument :
BNA_F
ClientSampleId :
9717

Tgt Ion:172 Resp: 1975834

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.3	20.2	30.4

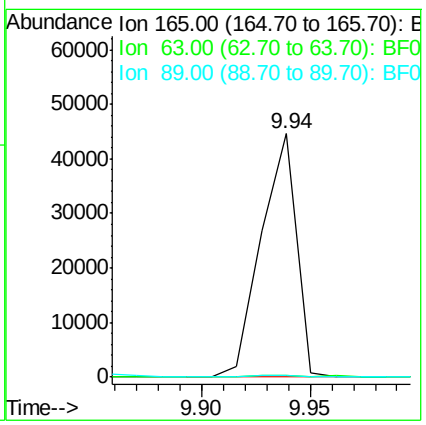


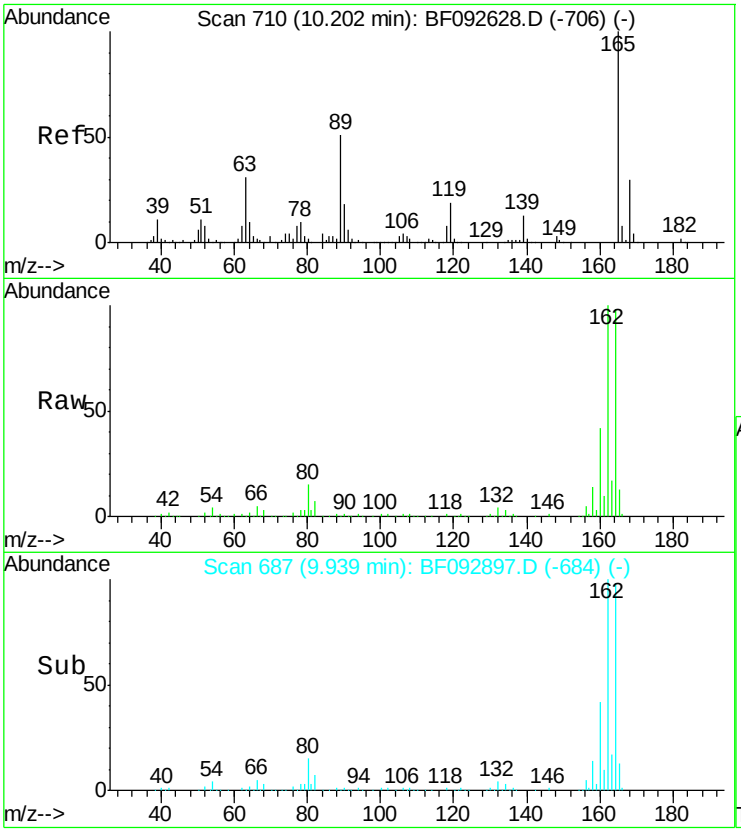


#50
2,6-Dinitrotoluene
Concen: 8.84 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.15 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Tgt Ion:165 Resp: 50803

Ion	Ratio	Lower	Upper
165	100		
63	0.8	36.2	54.4#
89	0.7	40.2	60.4#



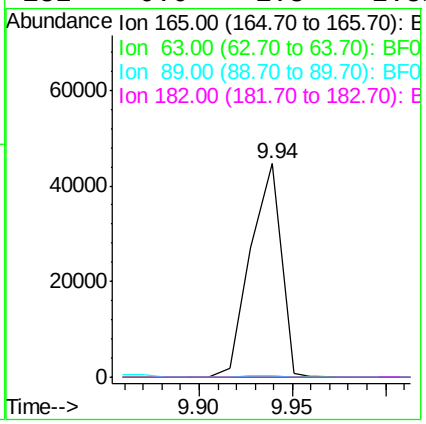


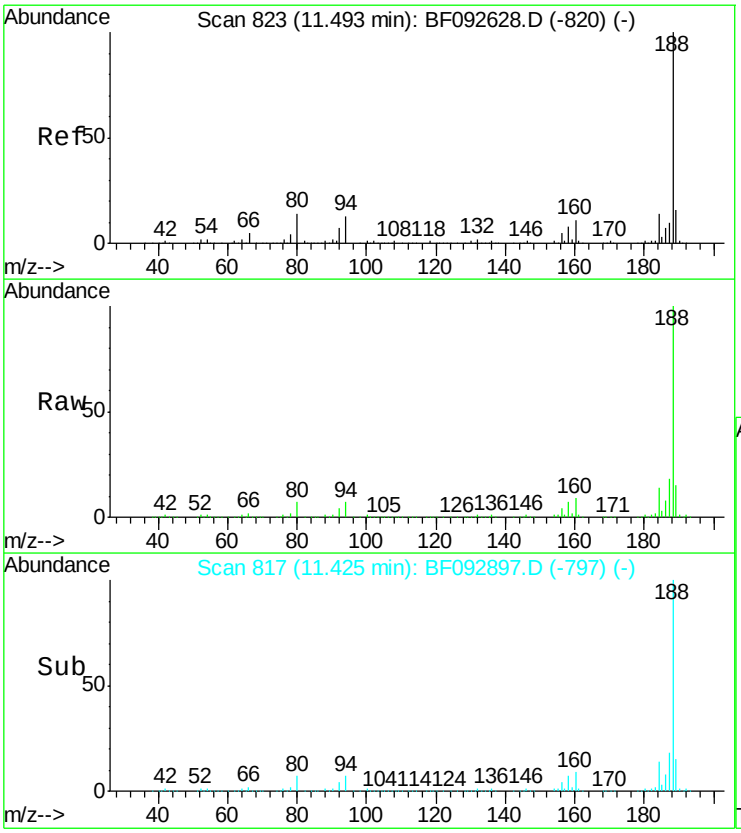
#56
2,4-Dinitrotoluene
Concen: 6.64 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.26 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Instrument :
BNA_F
ClientSampleId :
9717

Tgt Ion:165 Resp: 50807

Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.2	60.4#
89	0.7	62.5	93.7#
182	0.0	1.8	2.8#

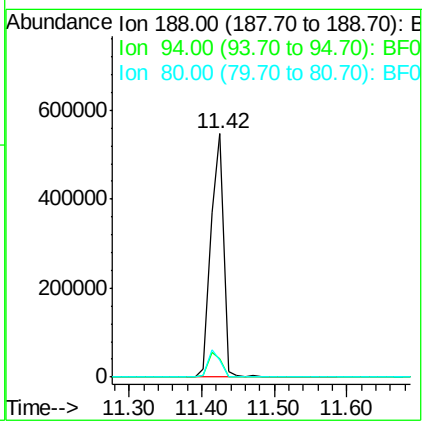


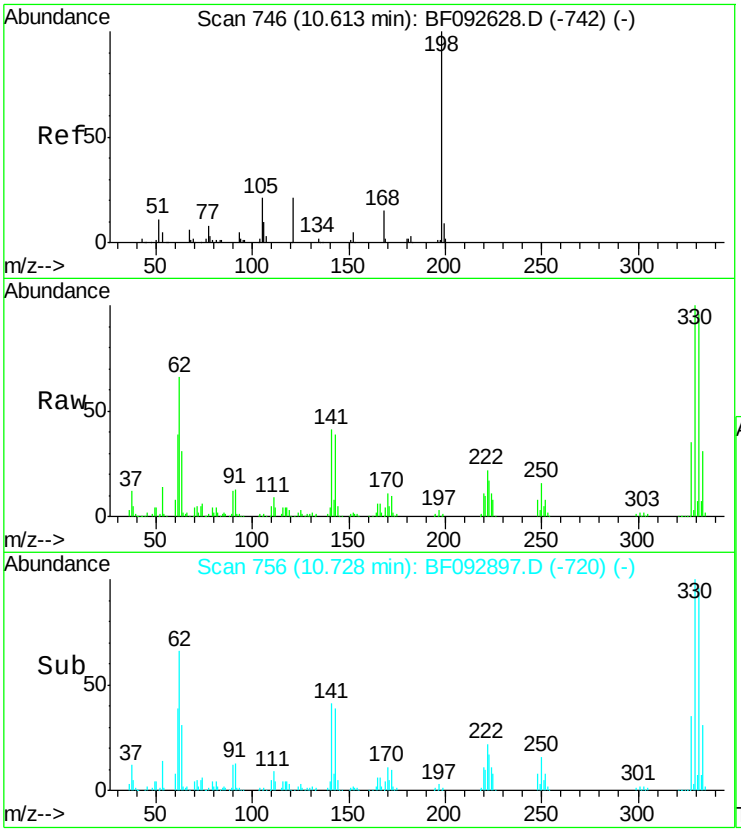


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.07 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Tgt Ion:188 Resp: 658964

Ion	Ratio	Lower	Upper
188	100		
94	7.4	10.0	15.0#
80	7.1	11.2	16.8#



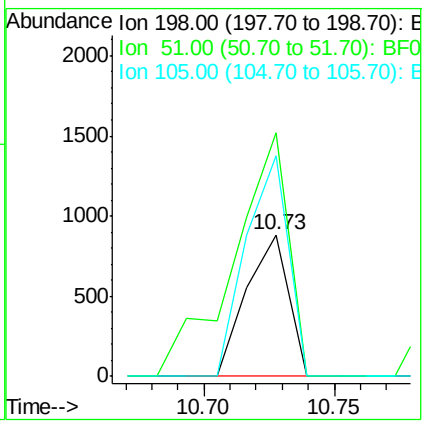


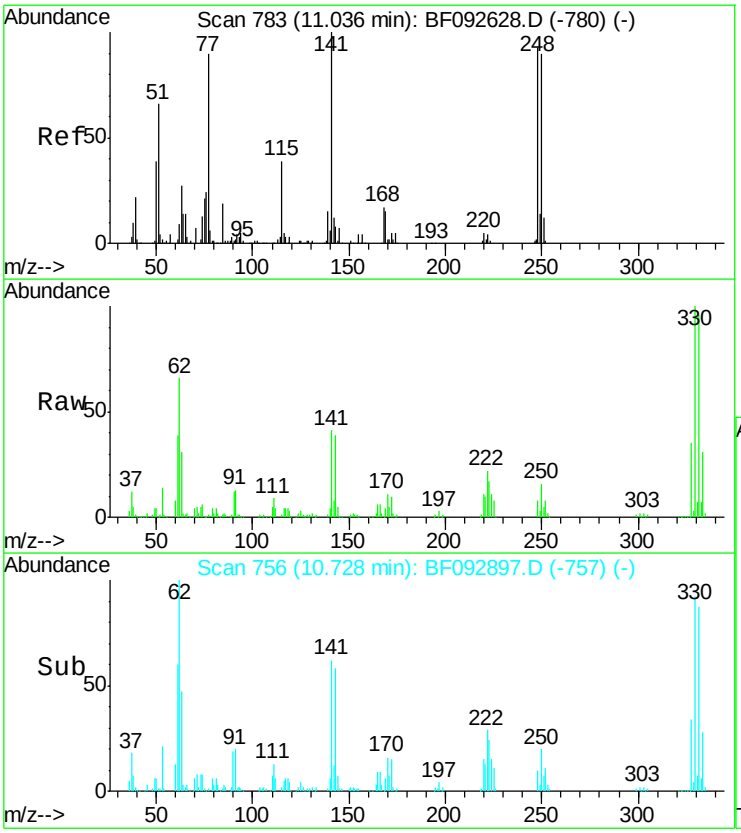
#64
4,6-Dinitro-2-methylphenol
Concen: 2.90 ng
RT: 10.73 min Scan# 756
Delta R.T. 0.11 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Instrument :
BNA_F
ClientSampleId :
9717

Tgt Ion:198 Resp: 985

Ion	Ratio	Lower	Upper
198	100		
51	171.8	6.7	46.7#
105	155.8	16.6	56.6#

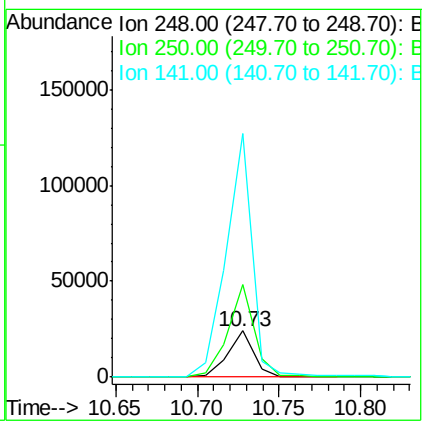


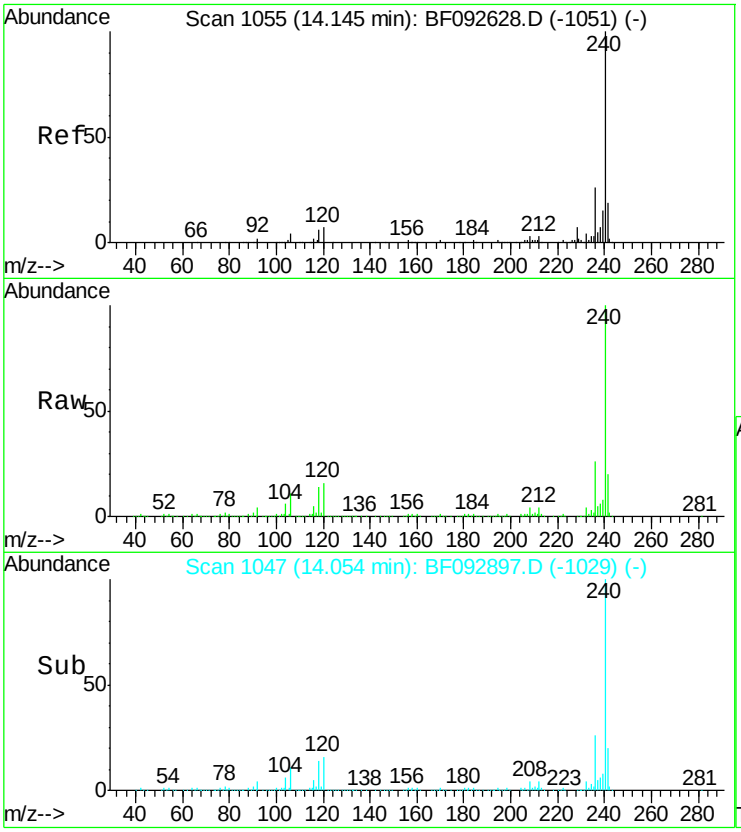


#66
4-Bromophenyl-phenylether
Concen: 3.91 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.31 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Tgt Ion:248 Resp: 26908

Ion	Ratio	Lower	Upper
248	100		
250	200.4	76.9	115.3#
141	524.5	68.2	102.4#



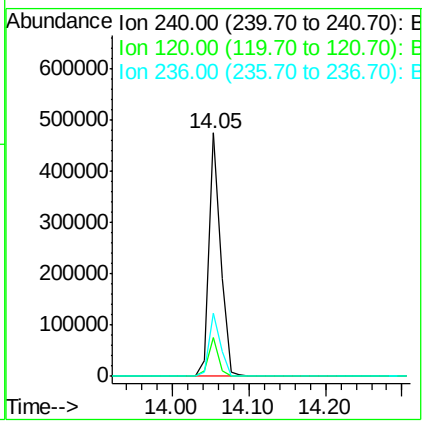


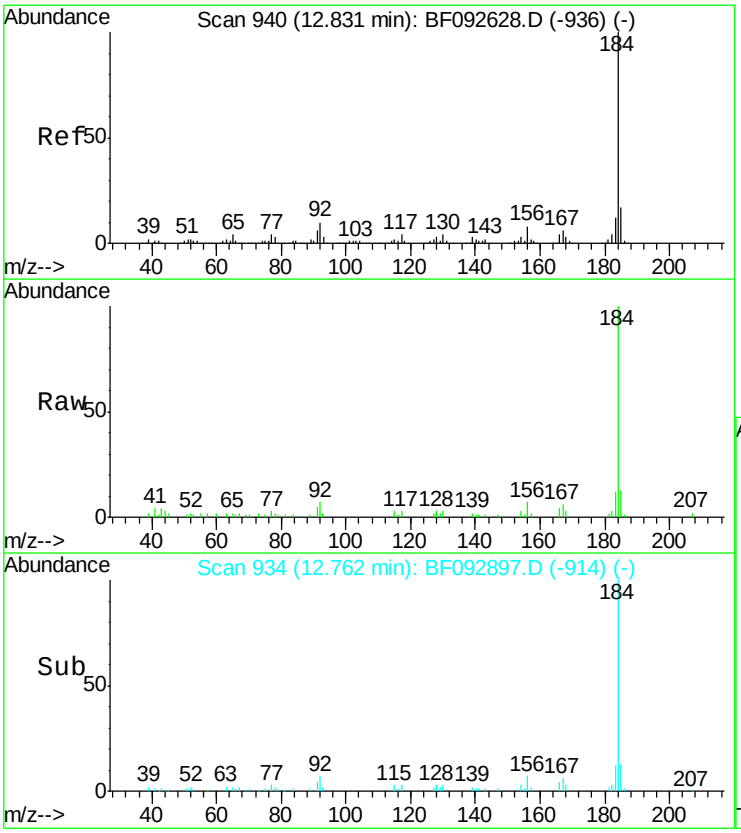
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.09 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Instrument :
BNA_F
ClientSampleId :
9717

Tgt Ion:240 Resp: 490329

Ion	Ratio	Lower	Upper
240	100		
120	15.9	12.9	19.3
236	26.0	20.9	31.3

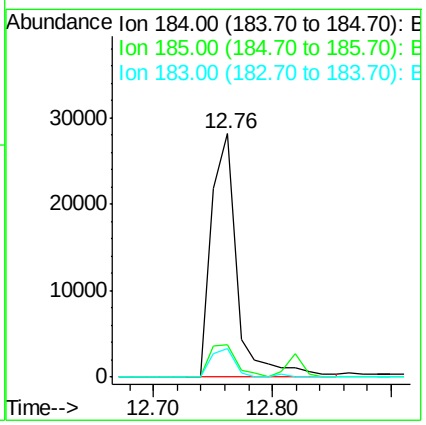


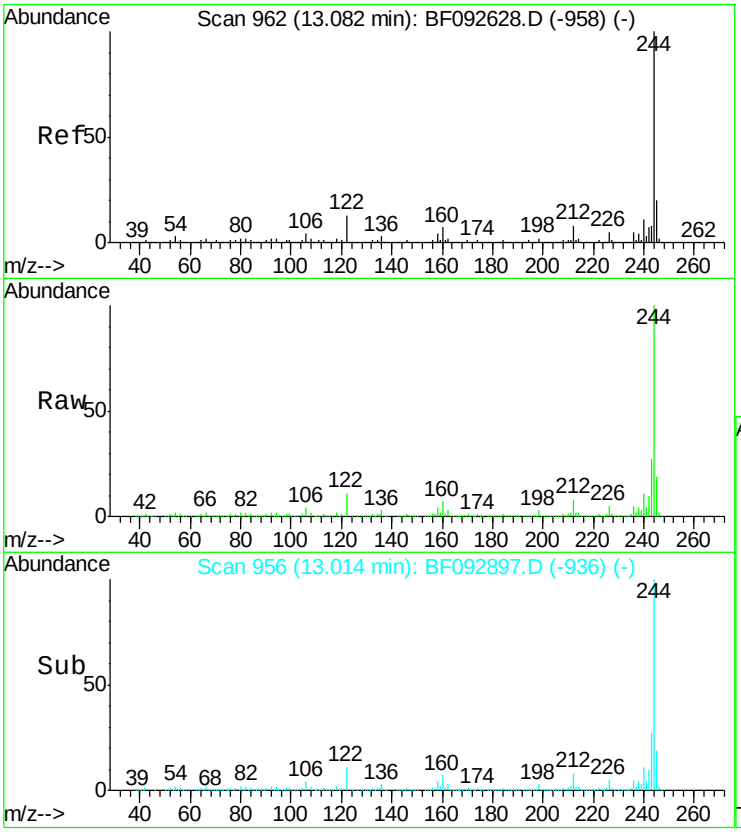


#76
Benzidine
Concen: 2.01 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.07 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Tgt Ion:184 Resp: 42076

Ion	Ratio	Lower	Upper
184	100		
185	13.1	13.4	20.0#
183	12.0	9.2	13.8



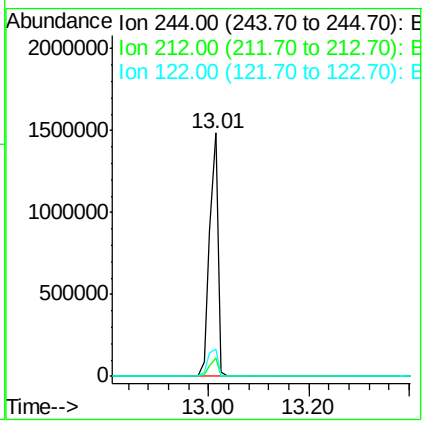


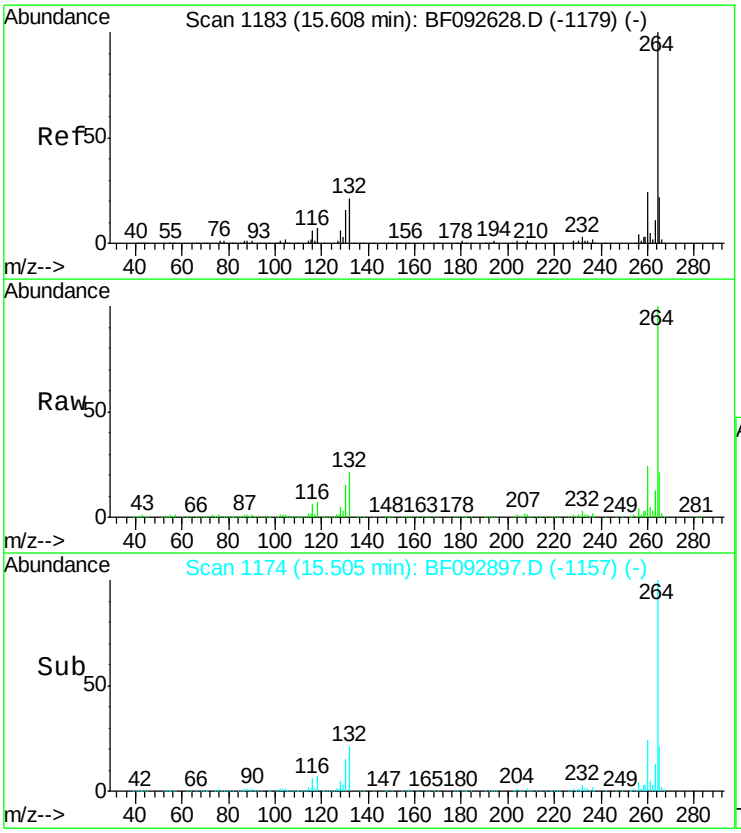
#78
Terphenyl-d14
Concen: 82.89 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.07 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Instrument :
BNA_F
ClientSampleId :
9717

Tgt Ion:244 Resp: 1729697

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	11.3	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.10 min
Lab File: BF092897.D
Acq: 10 Feb 2017 21:45

Tgt Ion:264 Resp: 381890

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.5	17.4	26.0