Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092497.D
Acq On : 26 Jan 2017 00:42
Operator : SJ/MA
Sample : I1398-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 26 09:59:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	159879	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	640987	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	345480	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	584770	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	521979	20.00	ng	-0.02
86) Perylene-d12	15.62	264	448593	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	747736	72.76	ng	0.01
7) Phenol-d6	6.58	99	538703	41.16	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1109577	94.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	343084	145.73	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1746160	93.46	ng	-0.01
78) Terphenyl-d14	13.11	244	1688636	86.15	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	7.54	117	34577	7.81	ng	# 4
19) n-Nitroso-di-n-propylamine	7.53	70	145065	16.27	ng	# 84
25) Isophorone	7.53	82	976308	42.22	ng	# 65
32) Benzoic acid	7.92	122	276	4.72	ng	# 1
49) Dimethylphthalate	9.73	163	110899	5.05	ng	99
50) 2,6-Dinitrotoluene	10.02	165	45253	10.08	ng	# 31
56) 2,4-Dinitrotoluene	10.02	165	45255	7.59	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.81	198	573	5.11	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	24118	4.08	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
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Acq On : 26 Jan 2017 00:42
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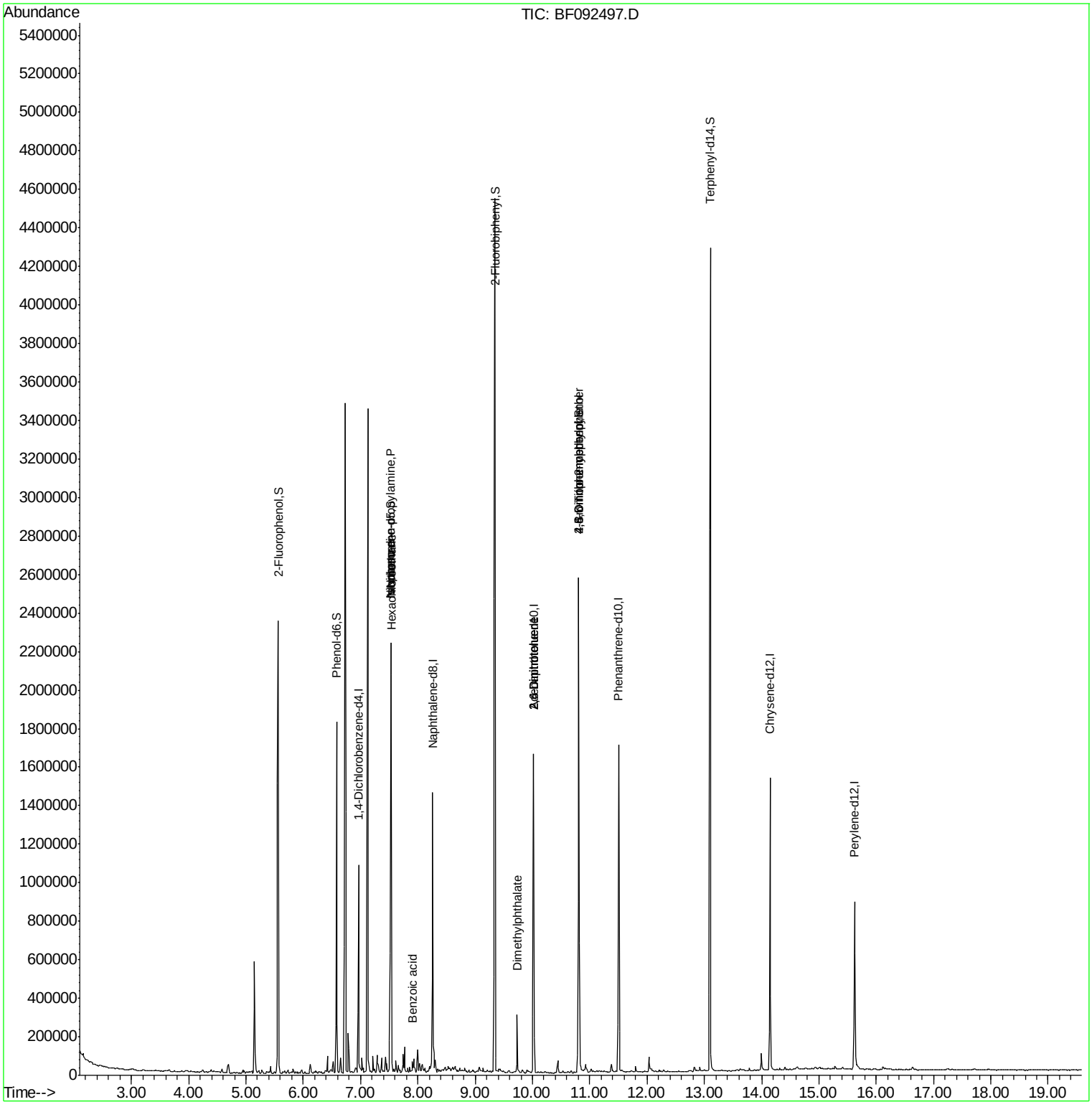
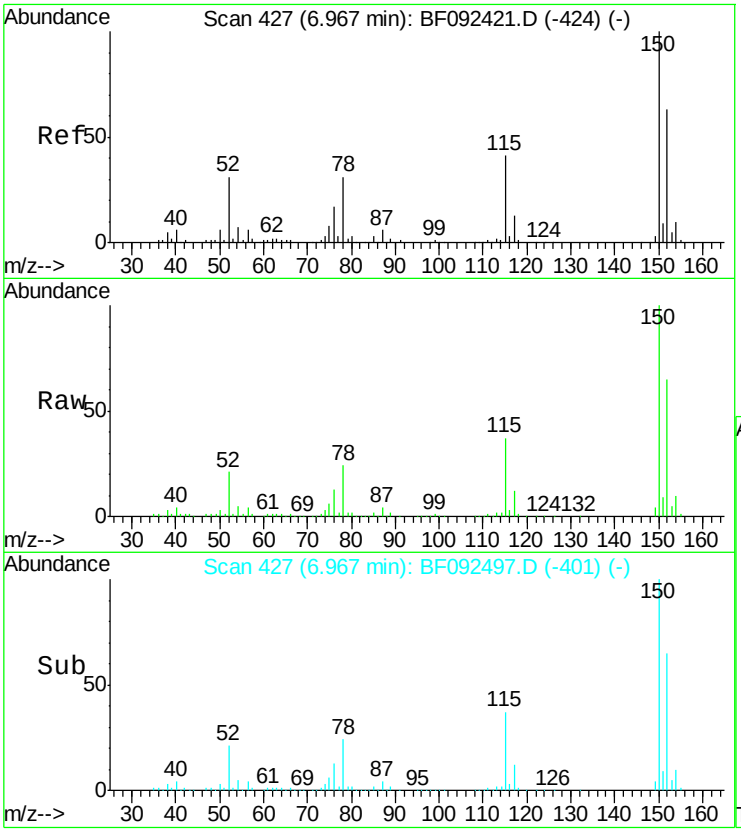


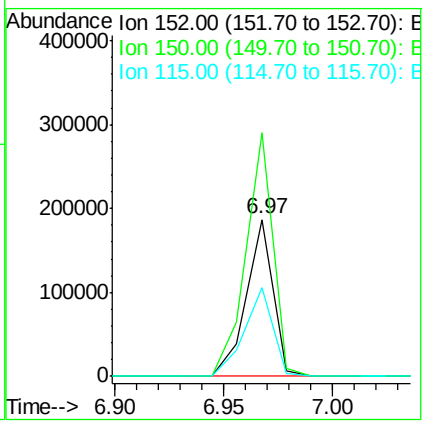


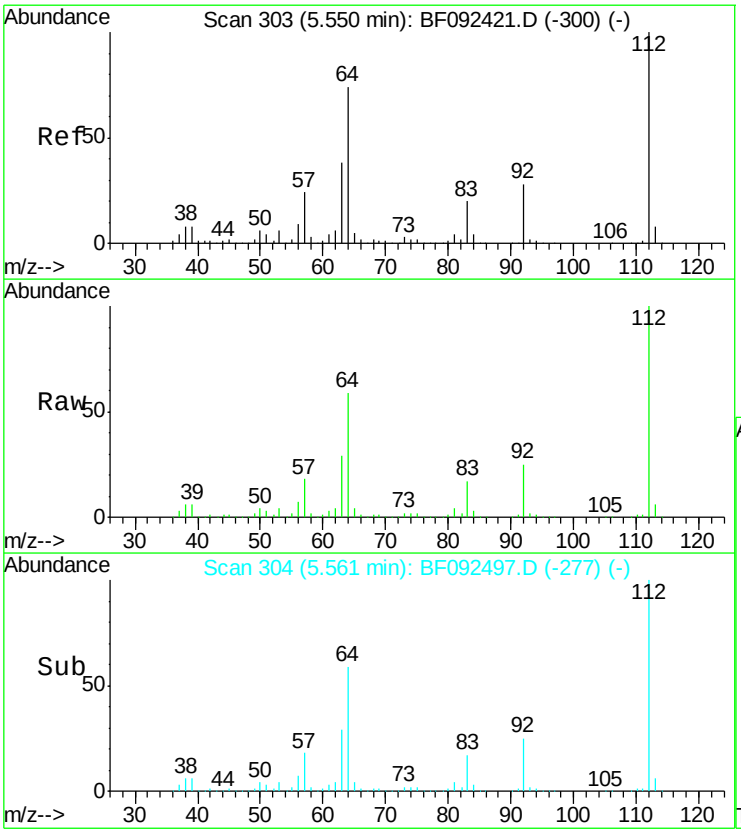
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092497.D
Acq: 26 Jan 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 159879

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.9	187.3
115	56.8	46.0	69.0

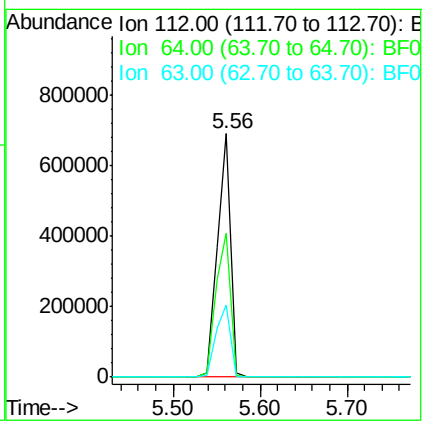


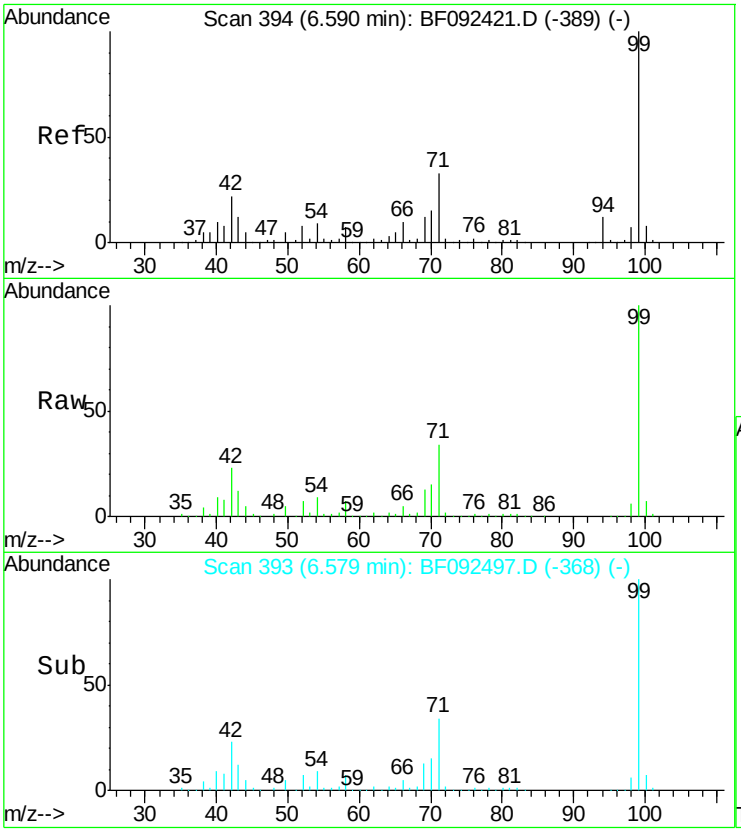


#5
2-Fluorophenol
Concen: 72.76 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092497.D
Acq: 26 Jan 2017 00:42

Tgt Ion:112 Resp: 747736

Ion	Ratio	Lower	Upper
112	100		
64	59.0	46.1	69.1
63	29.5	23.8	35.6



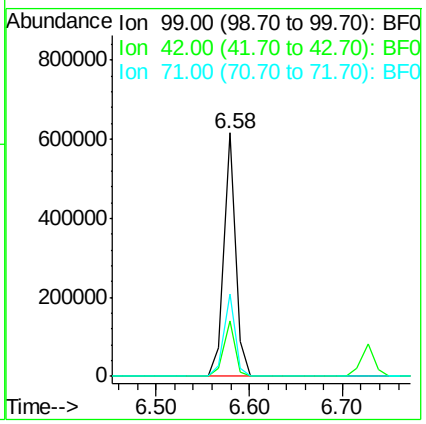


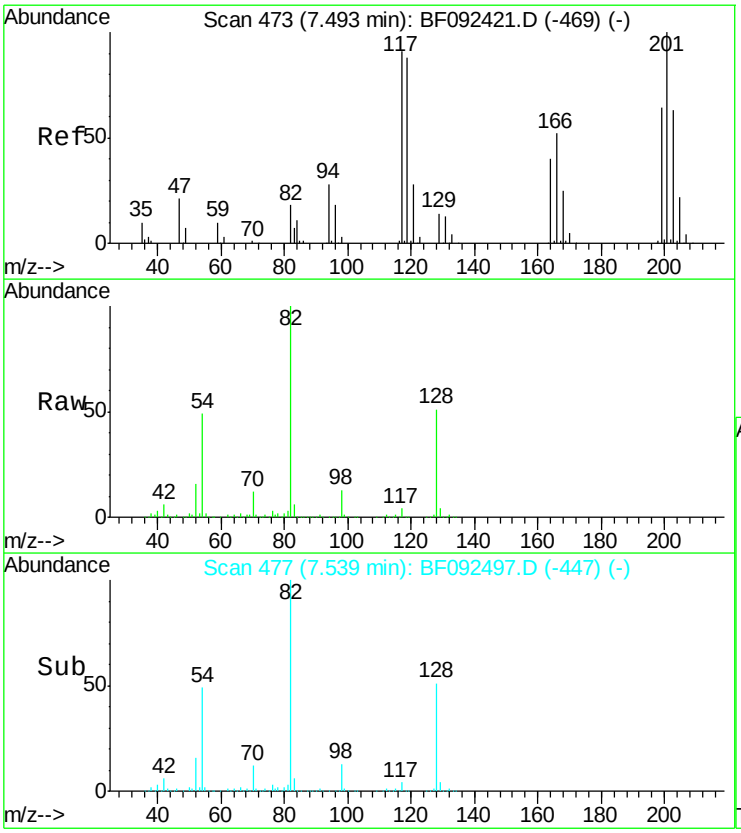
#7
Phenol-d6
Concen: 41.16 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF092497.D
Acq: 26 Jan 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 538703

Ion	Ratio	Lower	Upper
99	100		
42	22.9	15.6	23.4
71	33.8	27.5	41.3

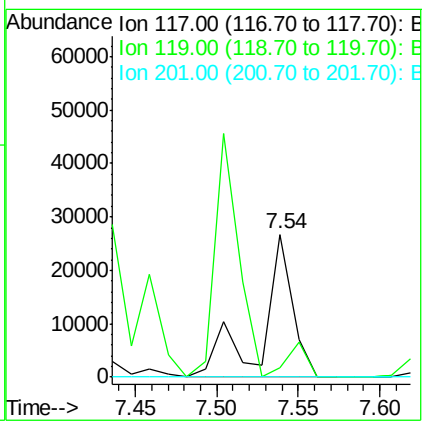


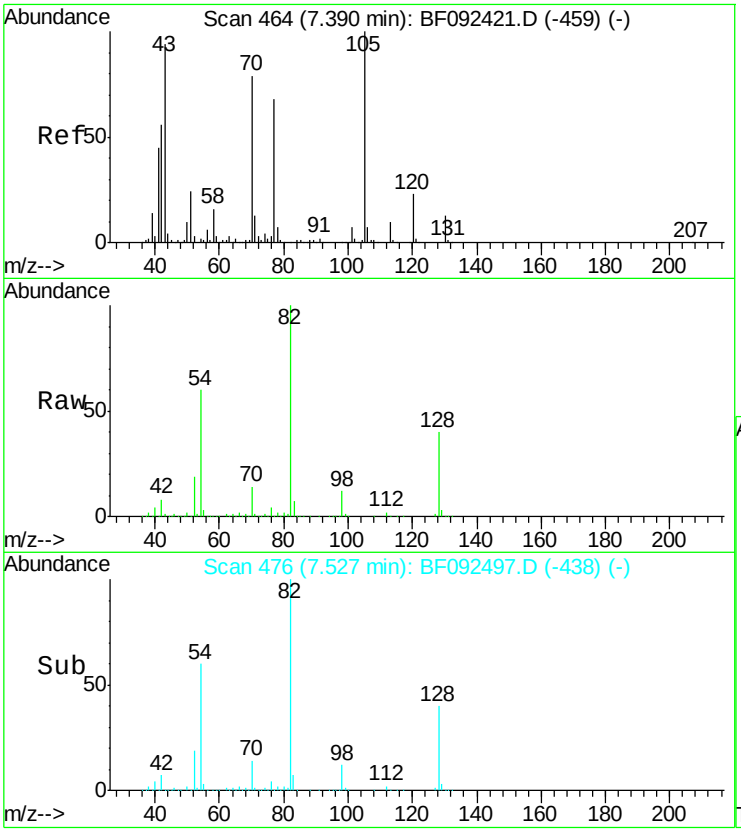


#18
Hexachloroethane
Concen: 7.81 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.05 min
Lab File: BF092497.D
Acq: 26 Jan 2017 00:42

Tgt Ion:117 Resp: 34577

Ion	Ratio	Lower	Upper
117	100		
119	6.6	78.1	117.1#
201	0.0	78.6	117.8#



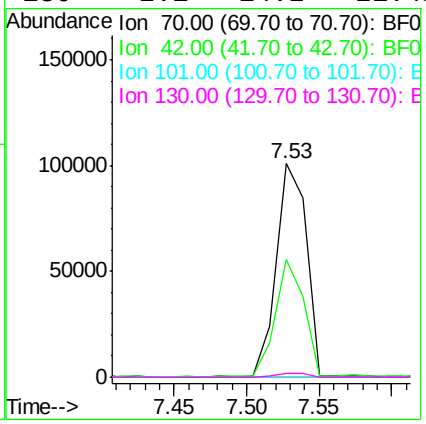


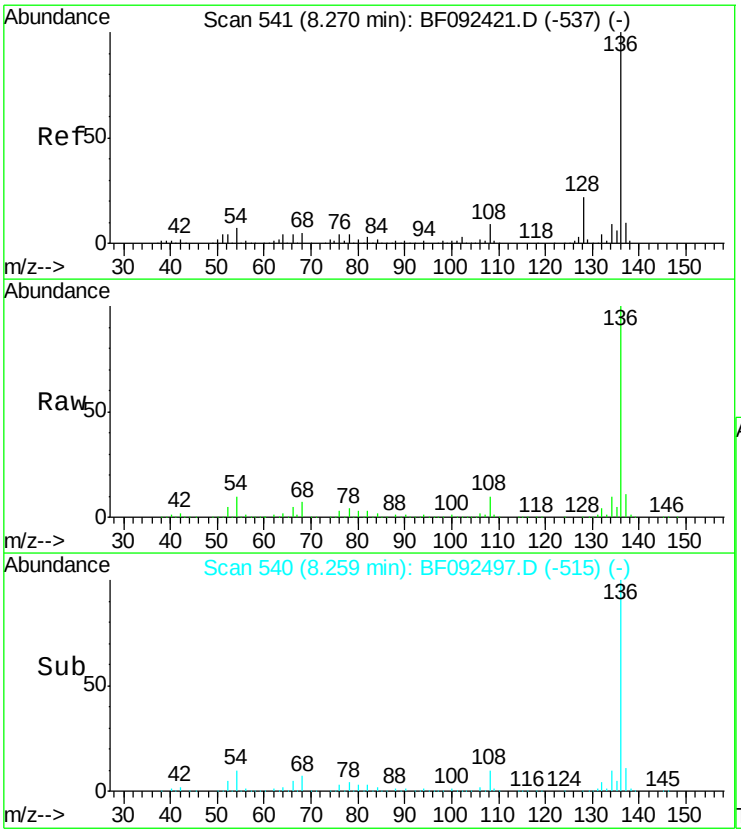
#19
n-Nitroso-di-n-propylamine
Concen: 16.27 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.14 min
Lab File: BF092497.D
Acq: 26 Jan 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 145065

Ion	Ratio	Lower	Upper
70	100		
42	55.1	49.4	74.0
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#

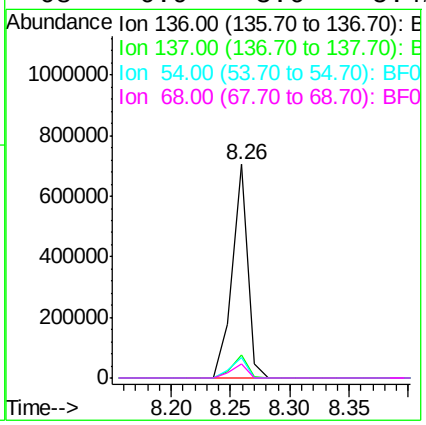


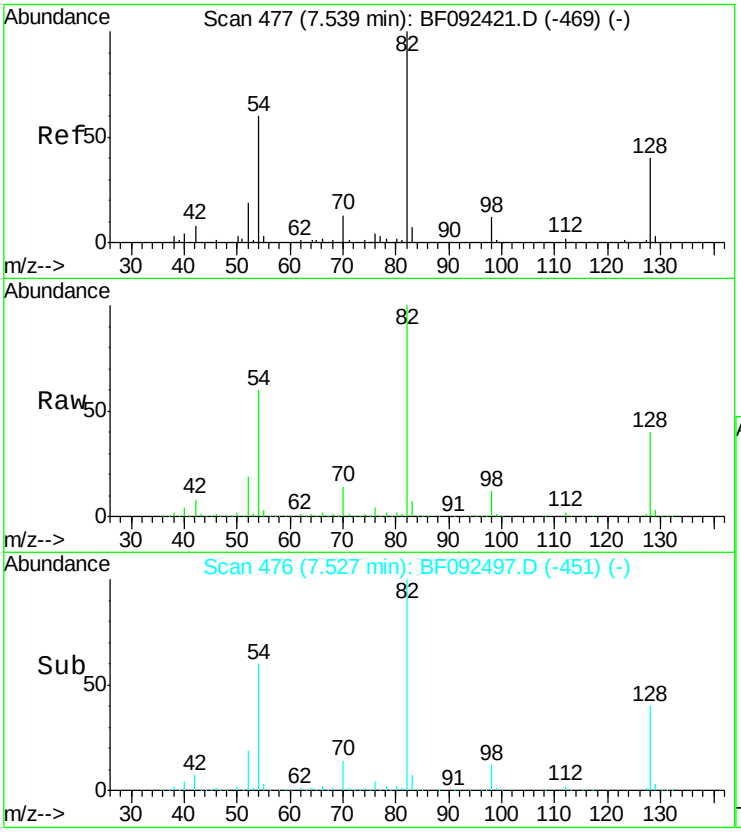


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092497.D
Acq: 26 Jan 2017 00:42

Tgt Ion:136 Resp: 640987

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.6	4.5	6.7#
68	6.9	3.6	5.4#



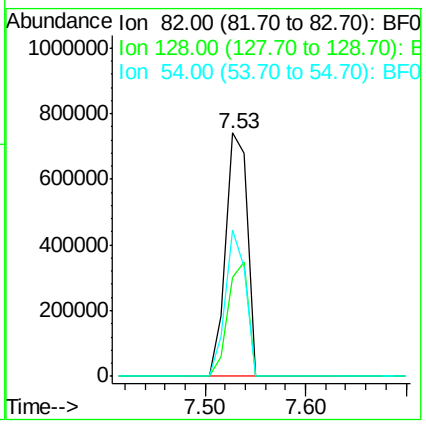


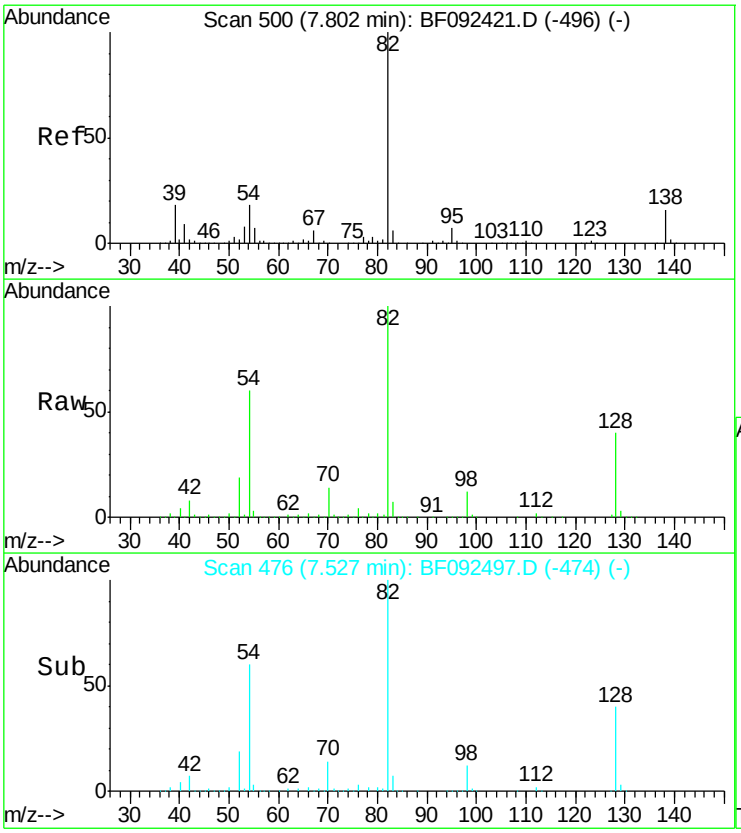
#23
Nitrobenzene-d5
Concen: 94.56 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092497.D
Acq: 26 Jan 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1109577

Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.6	52.0
54	60.3	39.5	59.3#

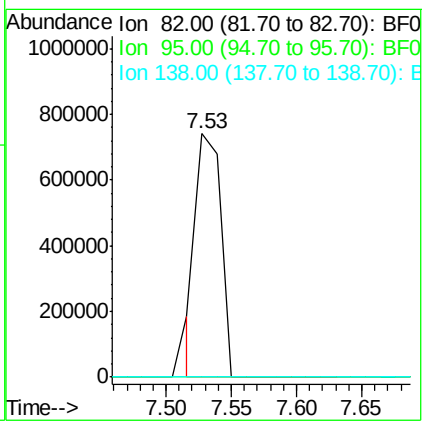


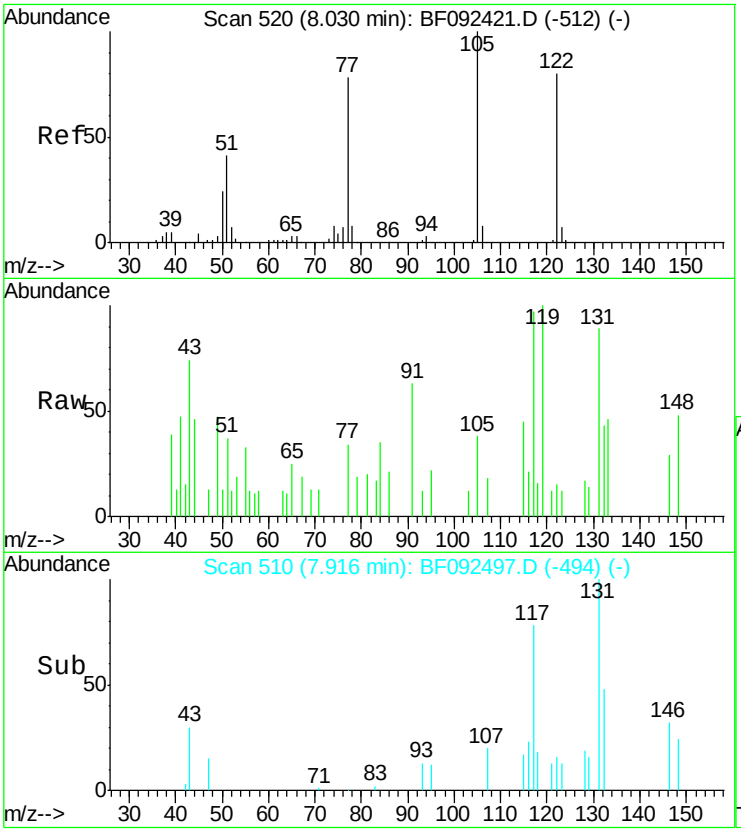


#25
Isophorone
Concen: 42.22 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.27 min
Lab File: BF092497.D
Acq: 26 Jan 2017 00:42

Tgt Ion: 82 Resp: 976308

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.6	22.0#



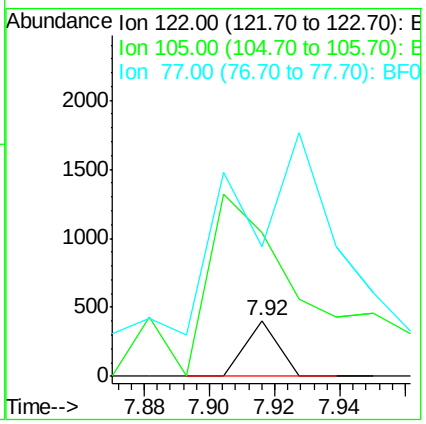


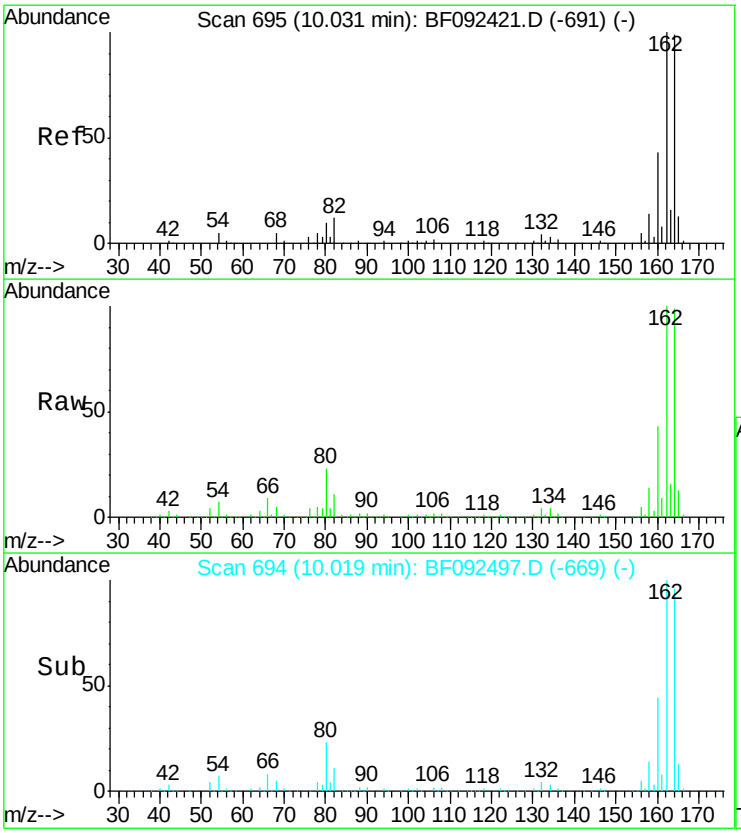
#32
Benzoic acid
Concen: 4.72 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.11 min
Lab File: BF092497.D
Acq: 26 Jan 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 276

Ion	Ratio	Lower	Upper
122	100		
105	258.7	107.2	147.2#
77	233.6	74.5	114.5#

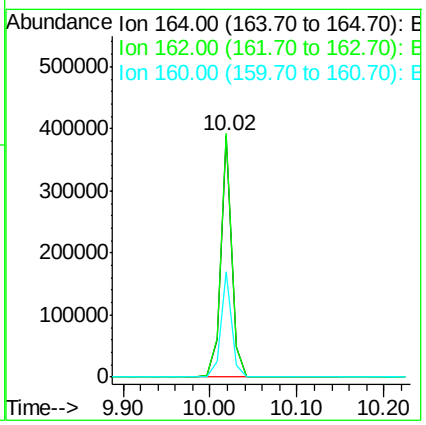


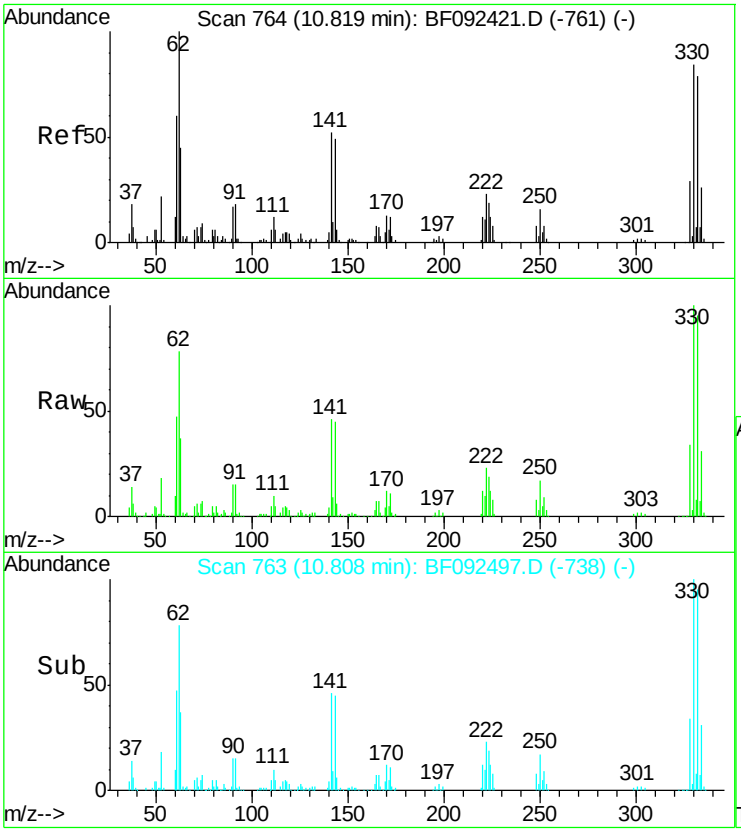


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF092497.D
Acq: 26 Jan 2017 00:42

Tgt Ion:164 Resp: 345480

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.2	120.2
160	43.7	36.9	55.3



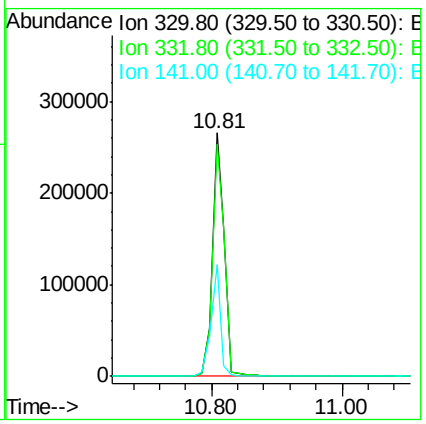


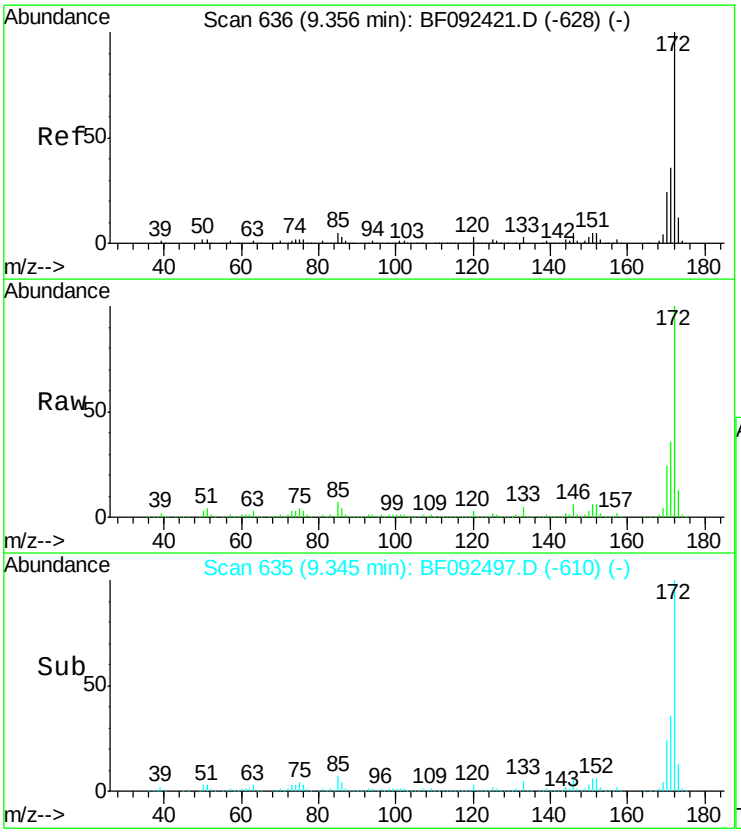
#41
2,4,6-Tribromophenol
Concen: 145.73 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF092497.D
Acq: 26 Jan 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 343084

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	37.4	34.1	51.1

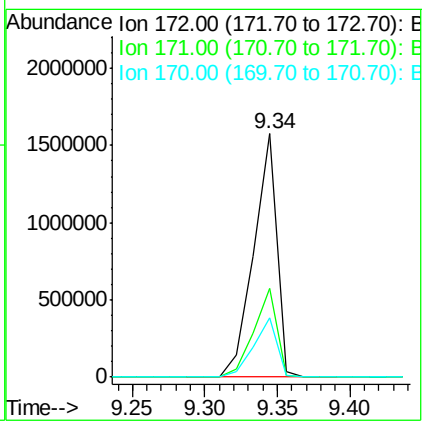


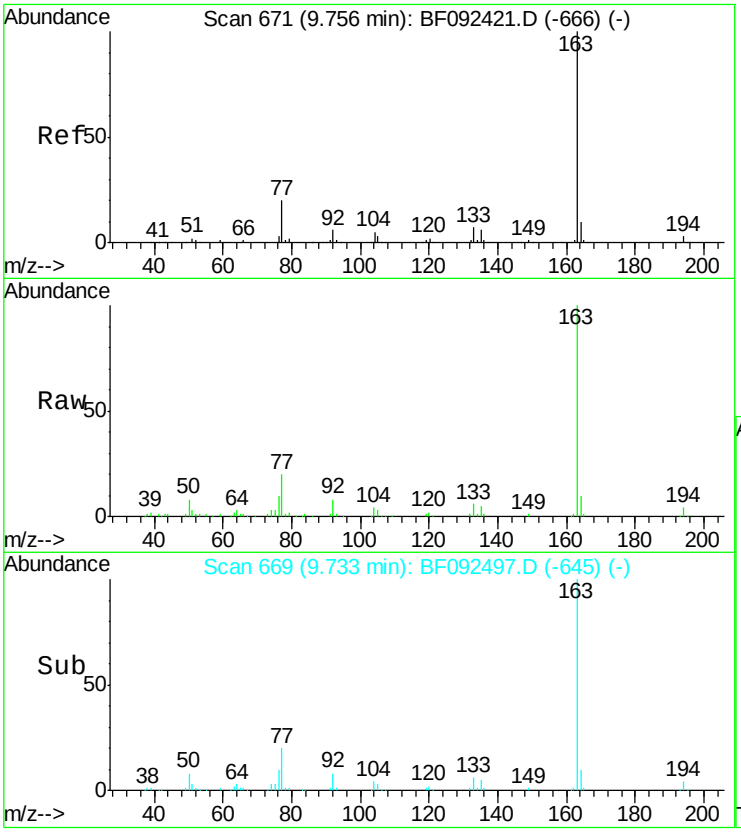


#44
2-Fluorobiphenyl
Concen: 93.46 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092497.D
Acq: 26 Jan 2017 00:42

Tgt Ion:172 Resp: 1746160

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.4	20.2	30.4



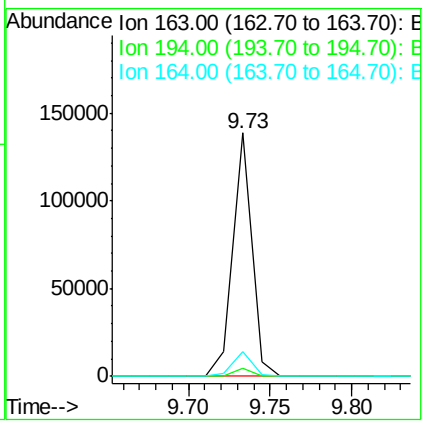


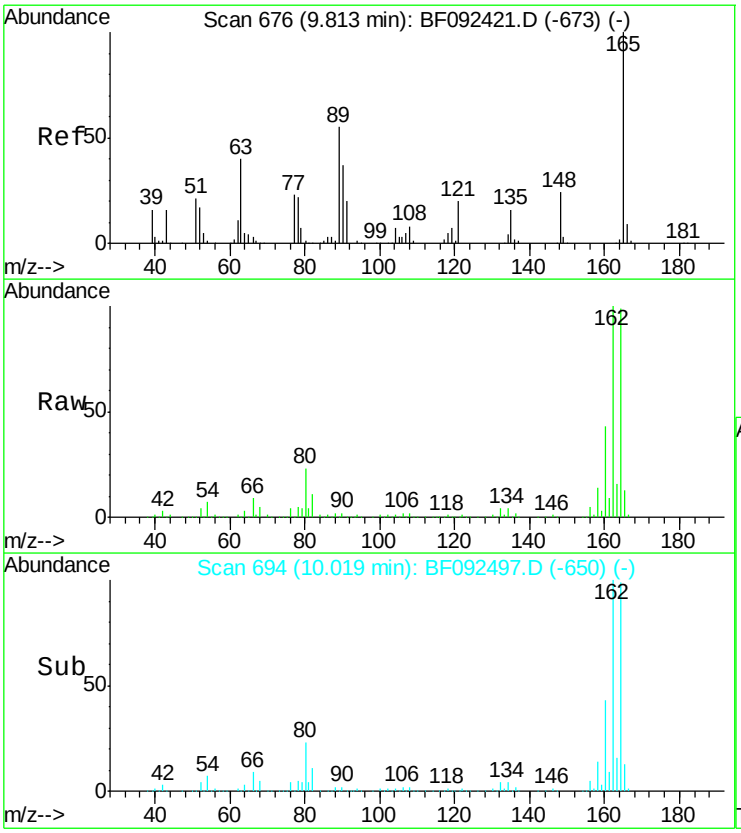
#49
Dimethylphthalate
Concen: 5.05 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092497.D
Acq: 26 Jan 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 110899

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.3	8.0	12.0

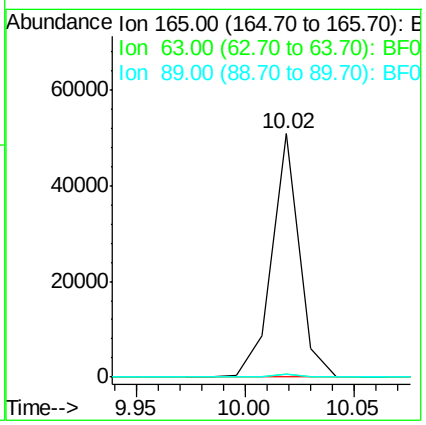


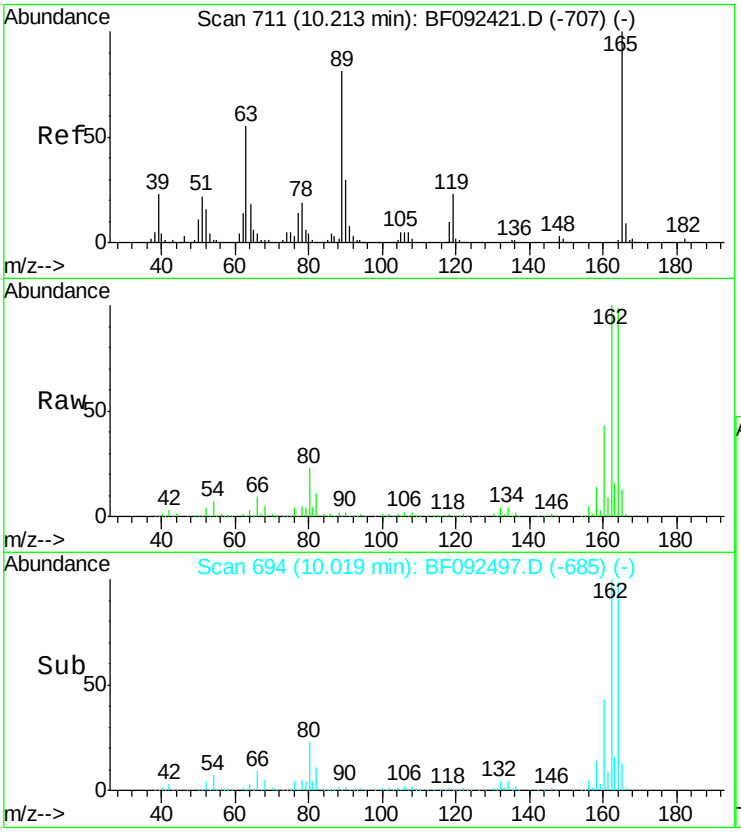


#50
2,6-Dinitrotoluene
Concen: 10.08 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.21 min
Lab File: BF092497.D
Acq: 26 Jan 2017 00:42

Tgt Ion:165 Resp: 45253

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.2	54.4#
89	1.3	40.2	60.4#



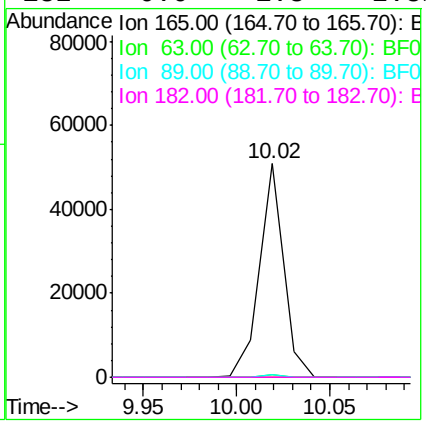


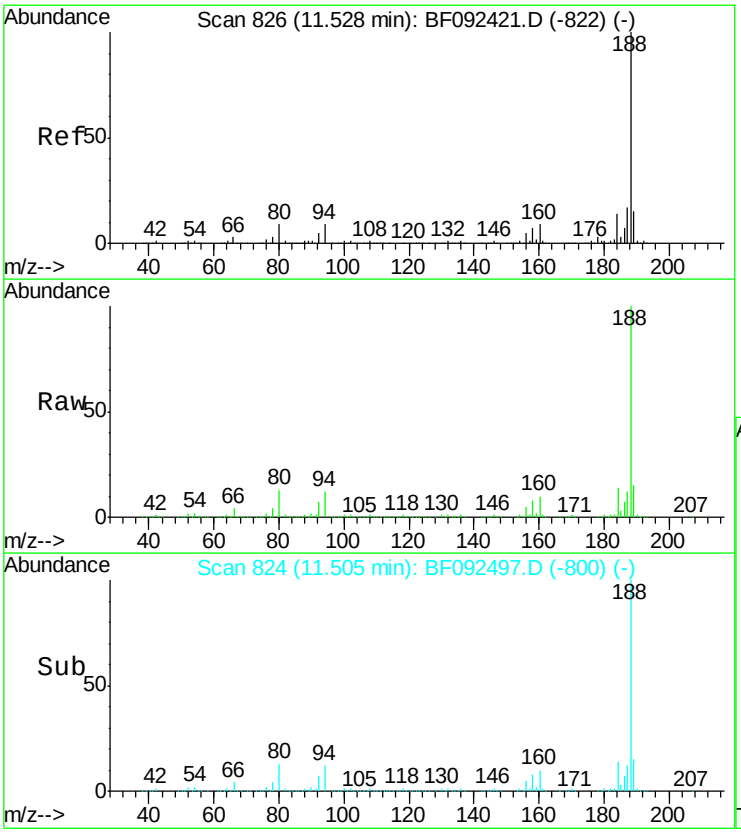
#56
2,4-Dinitrotoluene
Concen: 7.59 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.19 min
Lab File: BF092497.D
Acq: 26 Jan 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 45255

Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.2	60.4#
89	1.3	62.5	93.7#
182	0.0	1.8	2.8#

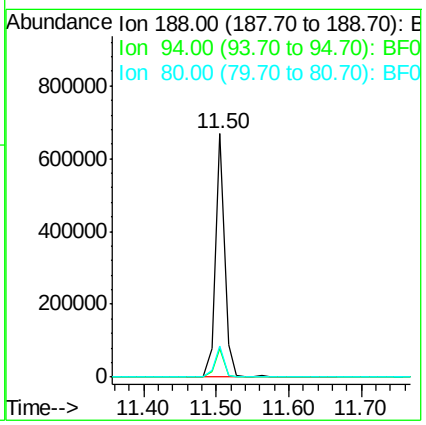


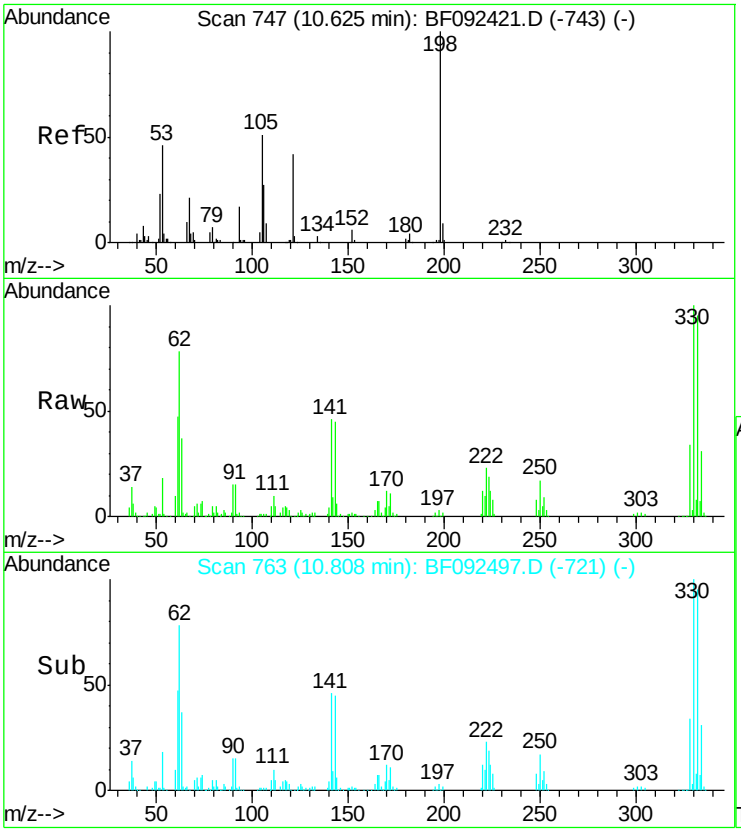


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF092497.D
Acq: 26 Jan 2017 00:42

Tgt Ion:188 Resp: 584770

Ion	Ratio	Lower	Upper
188	100		
94	11.6	10.0	15.0
80	12.6	11.2	16.8



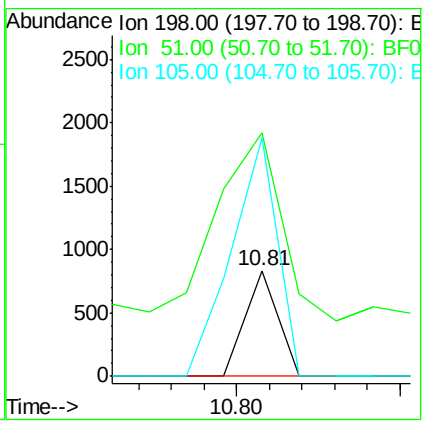


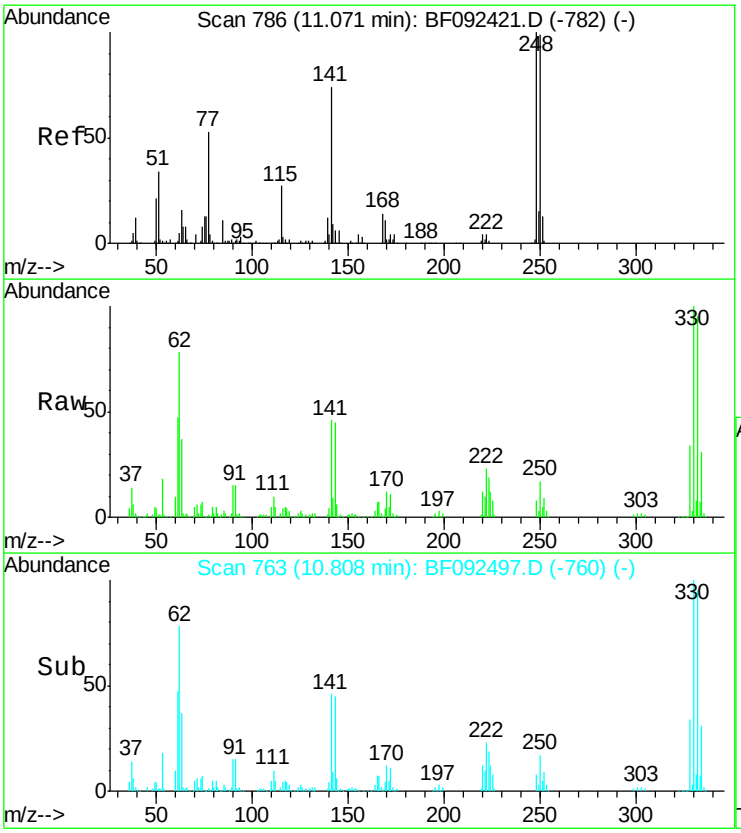
#64
4,6-Dinitro-2-methylphenol
Concen: 5.11 ng
RT: 10.81 min Scan# 763
Delta R.T. 0.18 min
Lab File: BF092497.D
Acq: 26 Jan 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 573

Ion	Ratio	Lower	Upper
198	100		
51	229.8	6.7	46.7#
105	224.5	16.6	56.6#

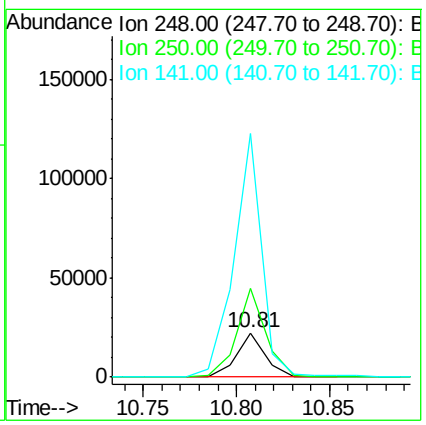


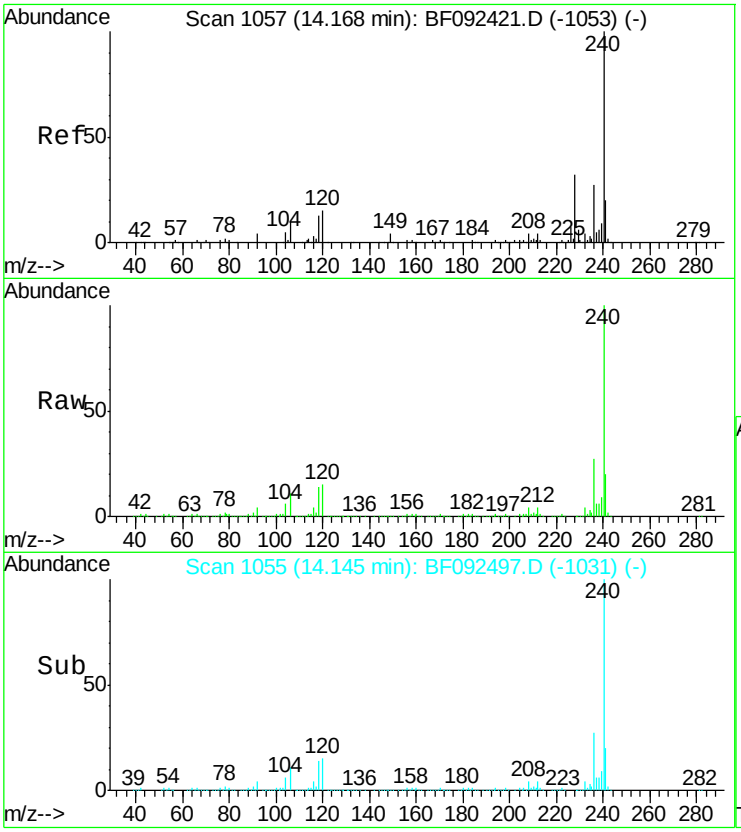


#66
4-Bromophenyl-phenylether
Concen: 4.08 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.26 min
Lab File: BF092497.D
Acq: 26 Jan 2017 00:42

Tgt Ion:248 Resp: 24118

Ion	Ratio	Lower	Upper
248	100		
250	200.0	76.9	115.3#
141	546.7	68.2	102.4#



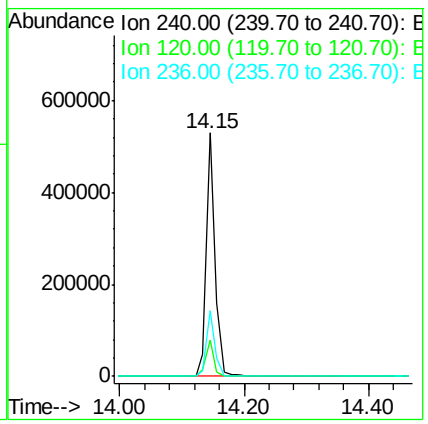


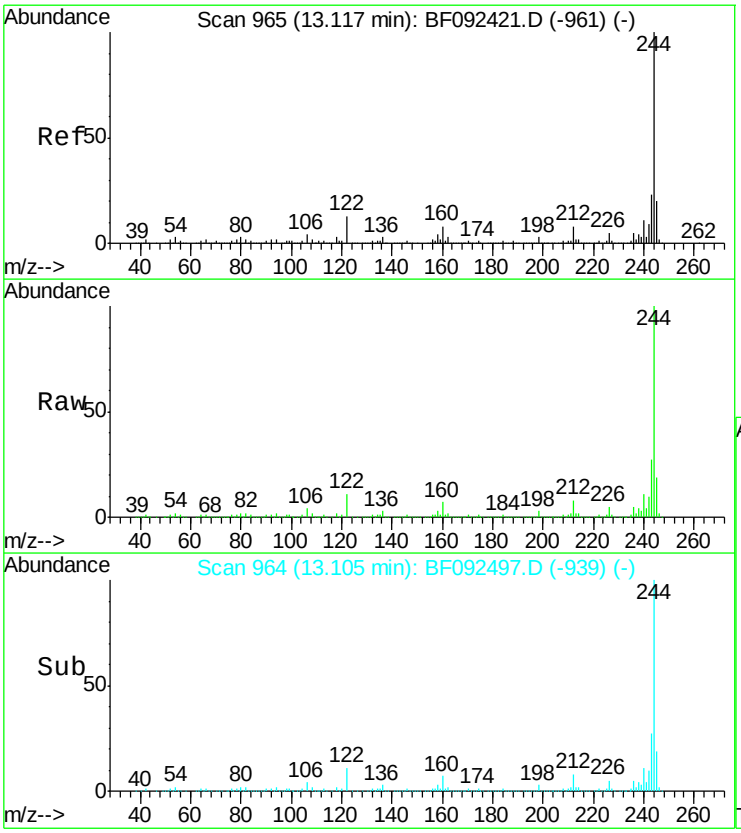
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092497.D
Acq: 26 Jan 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 521979

Ion	Ratio	Lower	Upper
240	100		
120	15.1	12.9	19.3
236	27.0	20.9	31.3

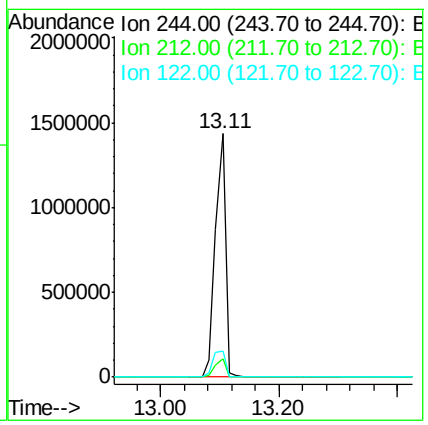


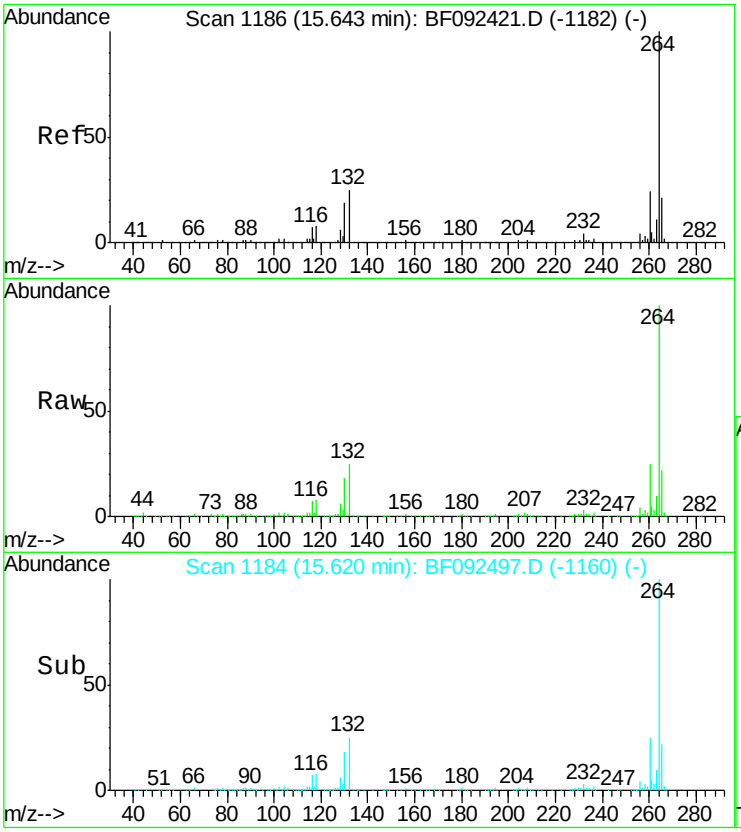


#78
Terphenyl-d14
Concen: 86.15 ng
RT: 13.11 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092497.D
Acq: 26 Jan 2017 00:42

Tgt Ion:244 Resp: 1688636

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	10.5	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF092497.D
Acq: 26 Jan 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 448593

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.6	17.4	26.0