Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092547.D
Acq On : 27 Jan 2017 1:32
Operator : SJ/MA
Sample : I1451-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-33

Quant Time: Jan 27 04:51:58 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	166387	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	648342	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	358388	20.00	ng	-0.01
63) Phenanthrene-d10	11.52	188	644154	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	526565	20.00	ng	-0.01
86) Perylene-d12	15.63	264	370344	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	618572	57.84	ng	0.01
7) Phenol-d6	6.59	99	563147	41.34	ng	0.00
23) Nitrobenzene-d5	7.54	82	1139810	96.03	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	354917	145.32	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1676506	86.50	ng	-0.01
78) Terphenyl-d14	13.11	244	1464592	74.06	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	7.54	117	16306	3.54	ng	# 6
19) n-Nitroso-di-n-propylamine	7.54	70	154944	16.70	ng	# 78
25) Isophorone	7.54	82	1055354	45.12	ng	# 65
32) Benzoic acid	8.02	122	207	4.72	ng	# 24
49) Dimethylphthalate	9.73	163	271961	11.93	ng	99
56) 2,4-Dinitrotoluene	10.02	165	46101	7.46	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.82	198	937	5.19	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	27514	4.23	ng	# 1

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

Quantitation Report (Not Reviewed)

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Acq On : 27 Jan 2017 1:32
Operator : SJ/MA
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Misc :
ALS Vial : 36 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
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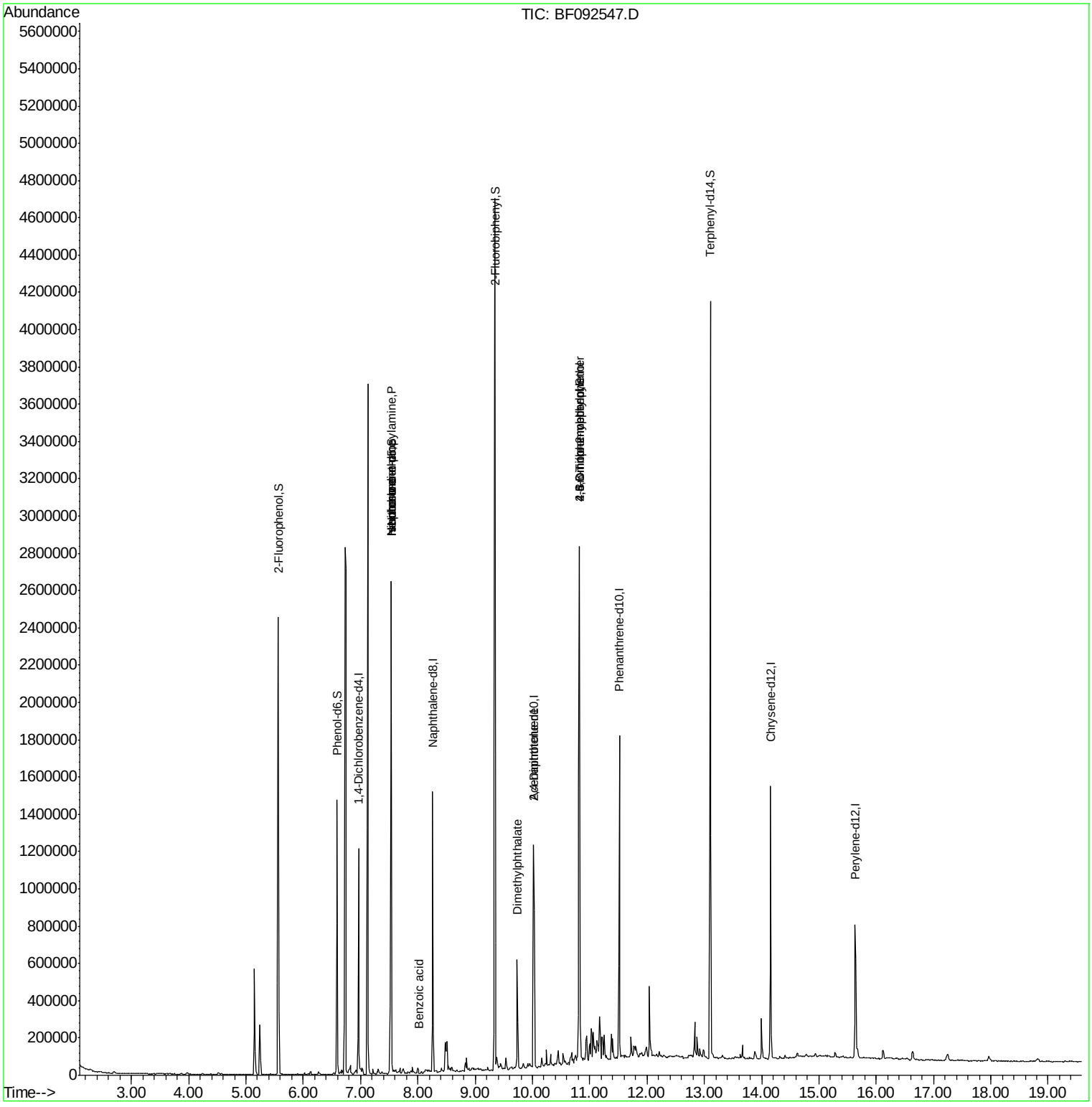
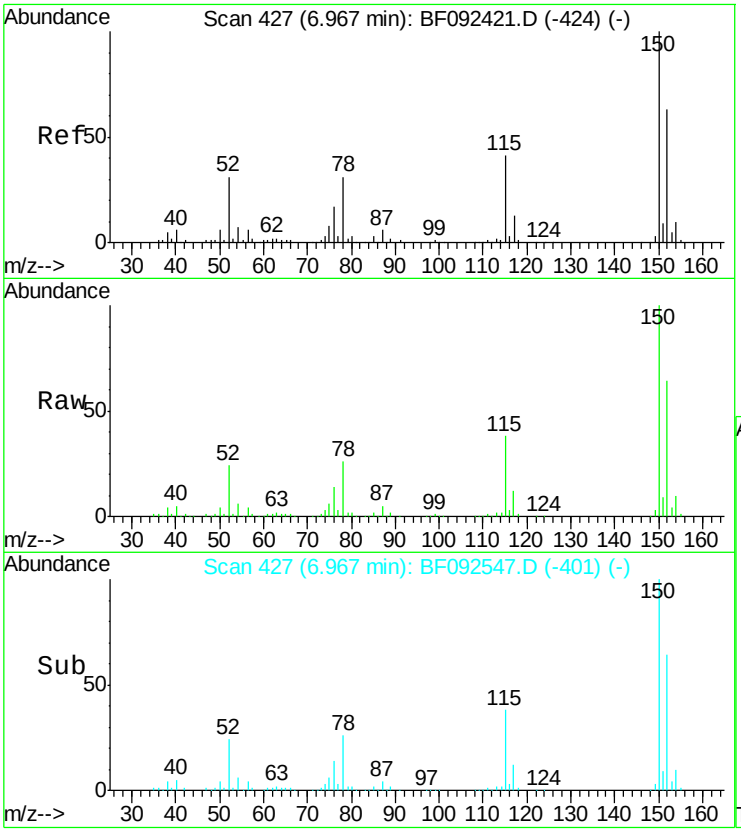


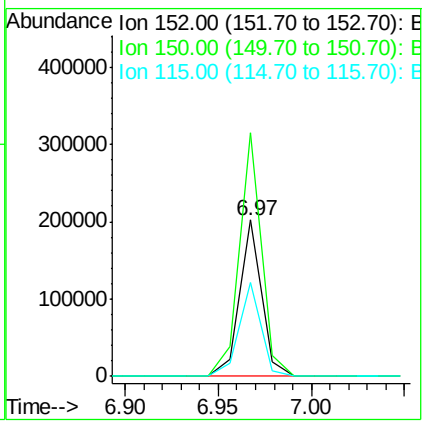


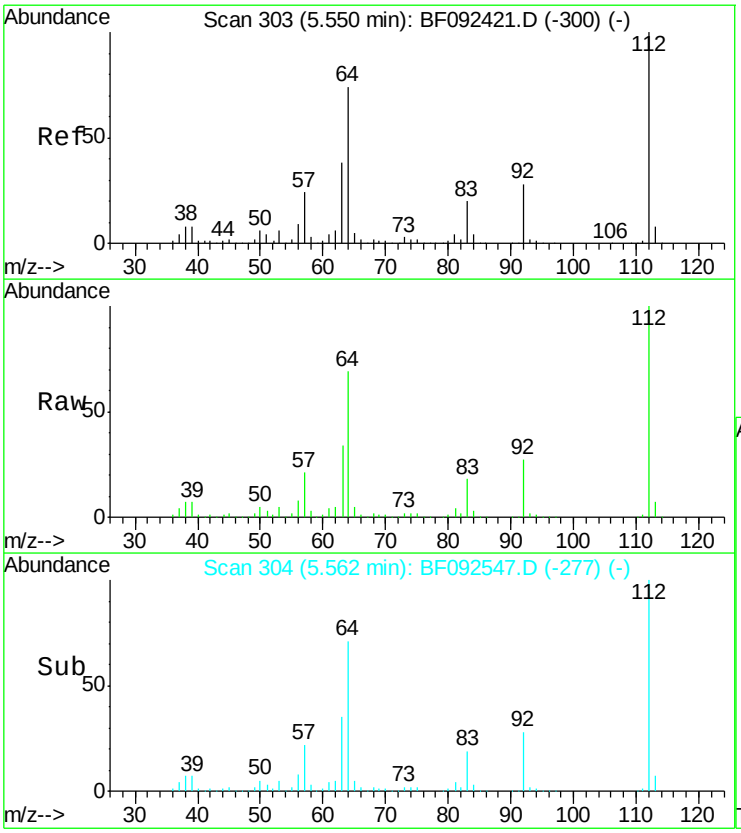
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Instrument :
BNA_F
ClientSampleId :
W-33

Tgt Ion:152 Resp: 166387

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.9	187.3
115	59.7	46.0	69.0

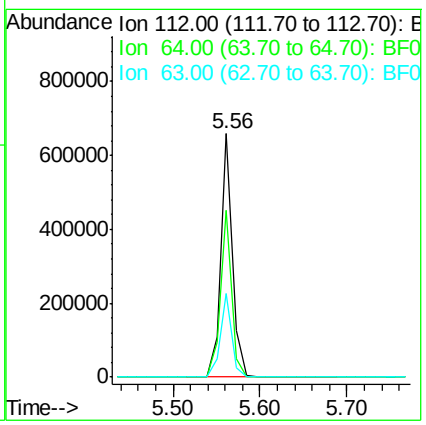


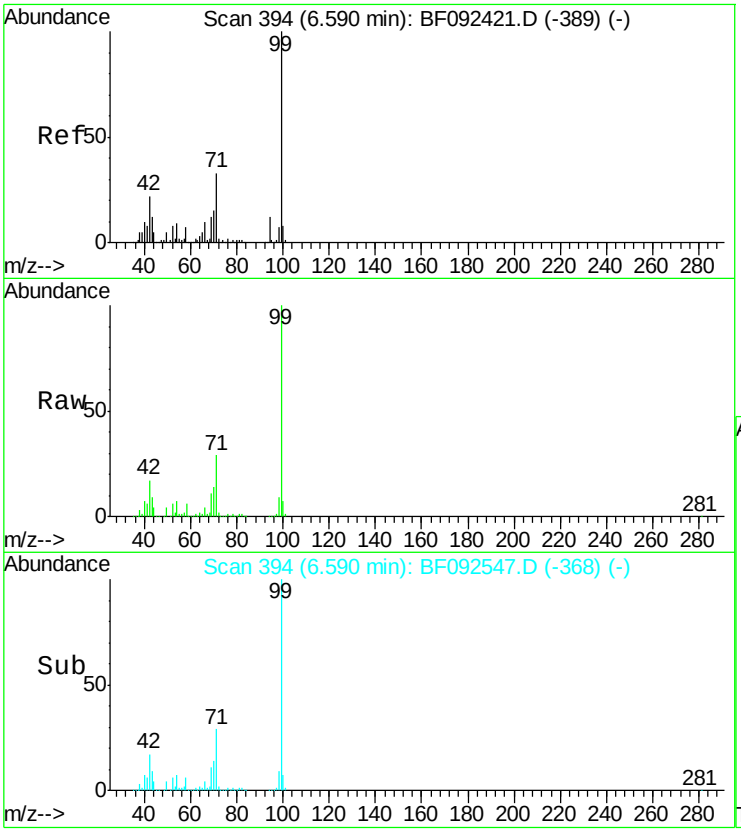


#5
2-Fluorophenol
Concen: 57.84 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Tgt Ion:112 Resp: 618572

Ion	Ratio	Lower	Upper
112	100		
64	68.5	46.1	69.1
63	34.2	23.8	35.6



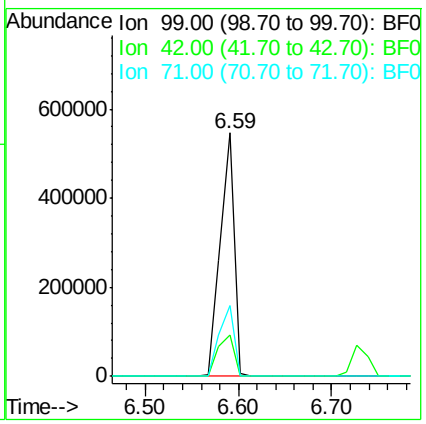


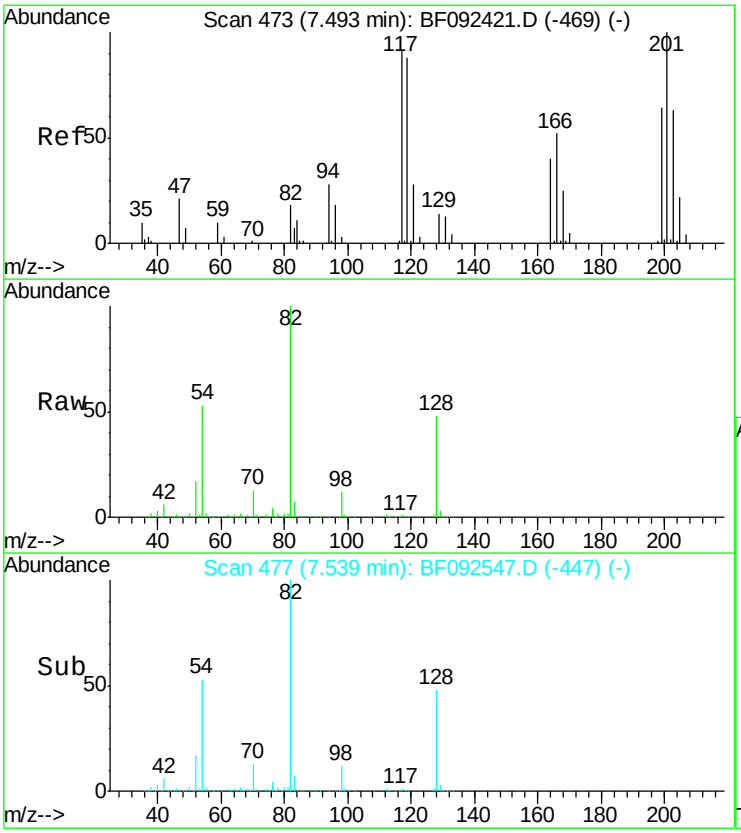
#7
Phenol-d6
Concen: 41.34 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Instrument :
BNA_F
ClientSampleId :
W-33

Tgt Ion: 99 Resp: 563147

Ion	Ratio	Lower	Upper
99	100		
42	16.9	15.6	23.4
71	29.2	27.5	41.3

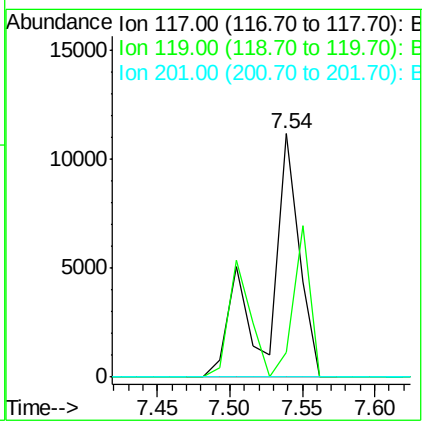


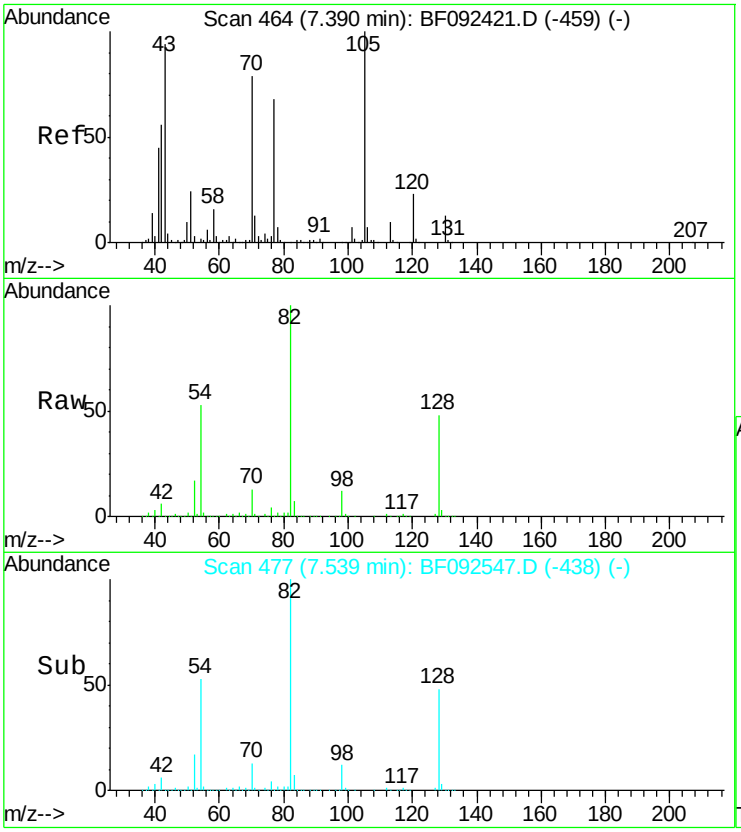


#18
Hexachloroethane
Concen: 3.54 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.05 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Tgt Ion:117 Resp: 16306

Ion	Ratio	Lower	Upper
117	100		
119	10.1	78.1	117.1#
201	0.0	78.6	117.8#



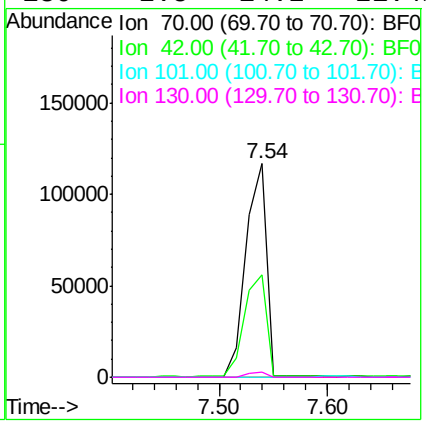


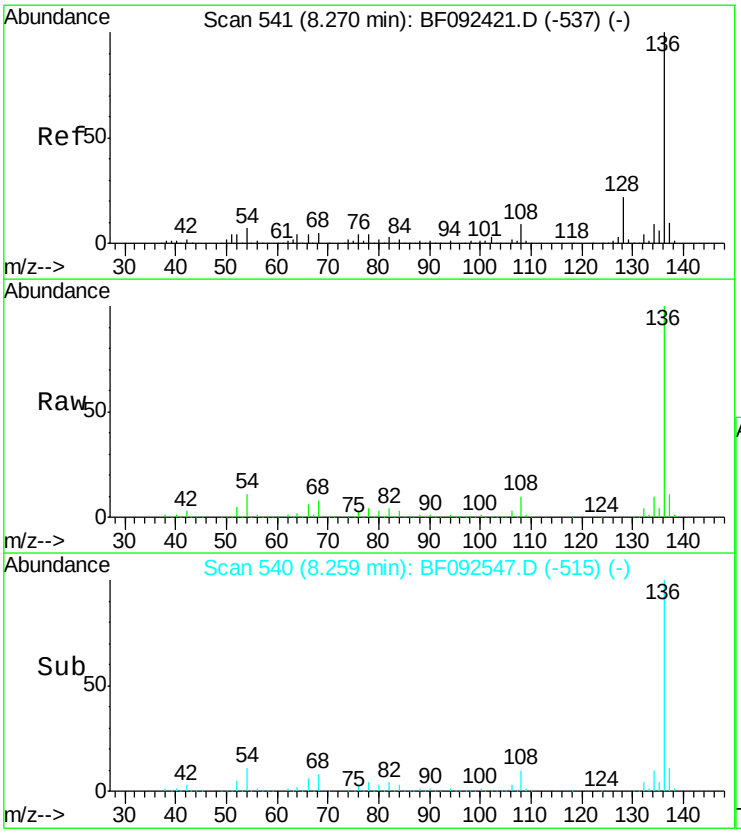
#19
n-Nitroso-di-n-propylamine
Concen: 16.70 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Instrument :
BNA_F
ClientSampleId :
W-33

Tgt Ion: 70 Resp: 154944

Ion	Ratio	Lower	Upper
70	100		
42	48.1	49.4	74.0#
101	0.0	7.4	11.2#
130	2.5	14.2	21.4#

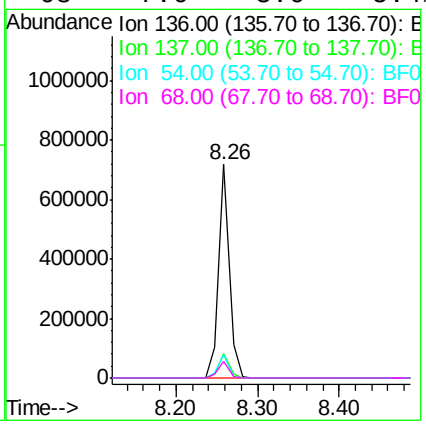


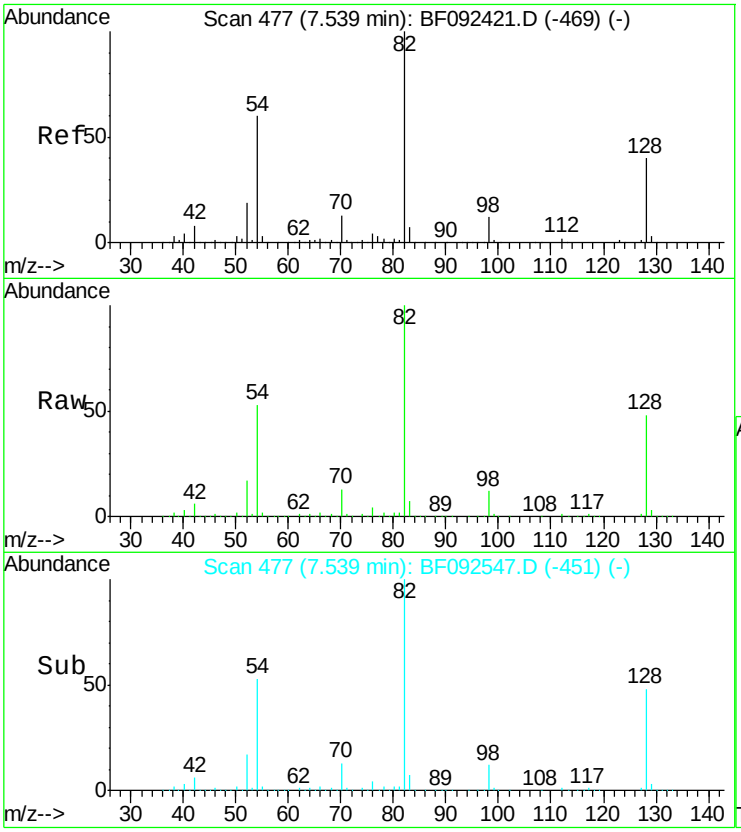


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Tgt Ion:136 Resp: 648342

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	10.7	4.5	6.7#
68	7.6	3.6	5.4#



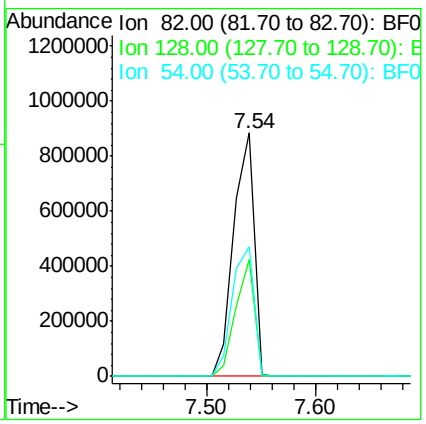


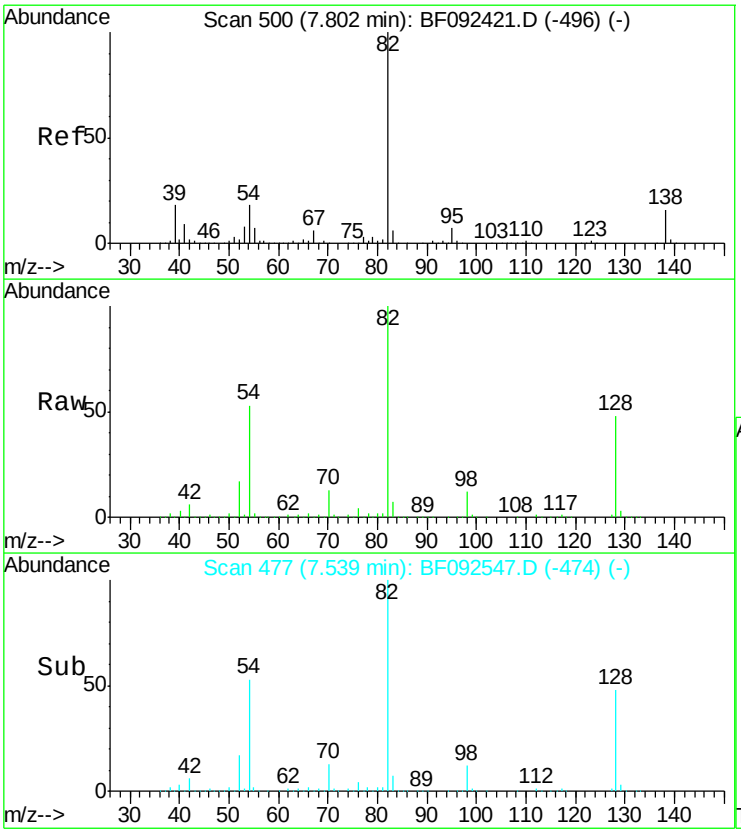
#23
Nitrobenzene-d5
Concen: 96.03 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Instrument :
BNA_F
ClientSampleId :
W-33

Tgt Ion: 82 Resp: 1139810

Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.6	52.0
54	53.1	39.5	59.3

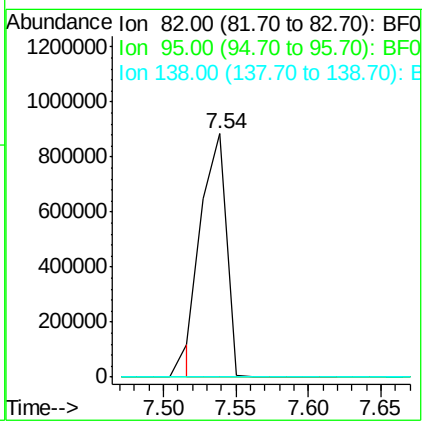


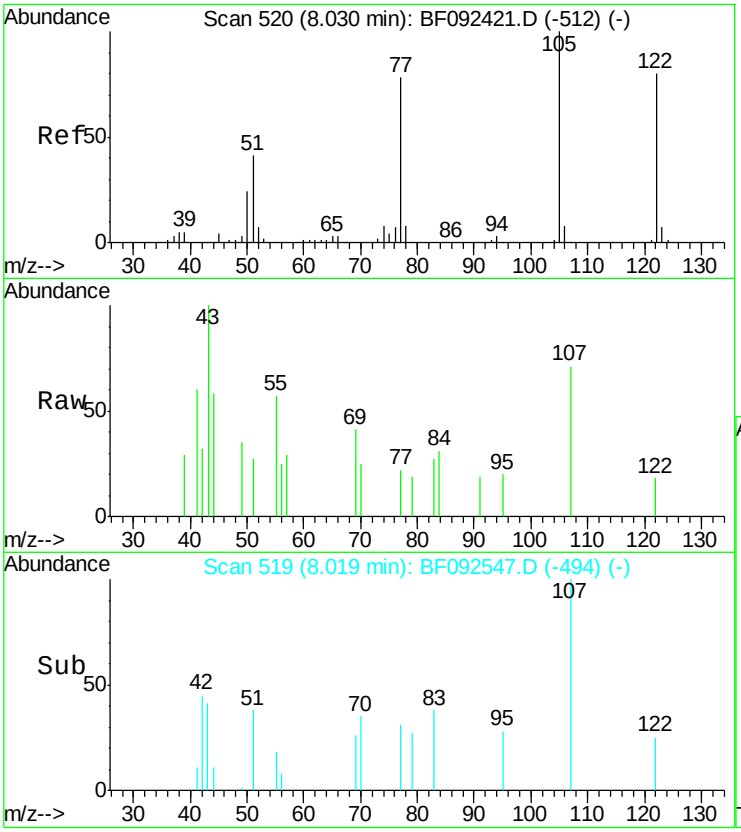


#25
Isophorone
Concen: 45.12 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Tgt Ion: 82 Resp: 1055354

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



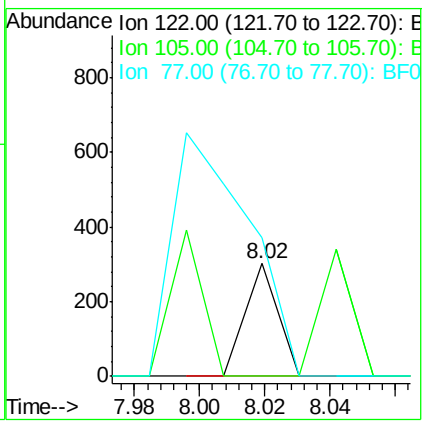


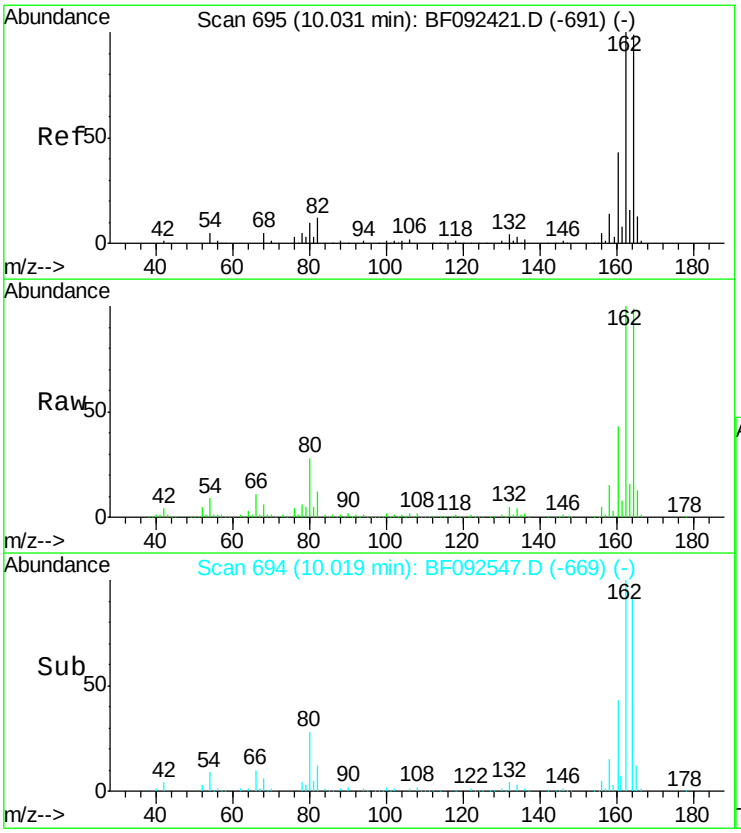
#32
Benzoic acid
Concen: 4.72 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Instrument :
BNA_F
ClientSampleId :
W-33

Tgt Ion:122 Resp: 207

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.2	147.2#
77	122.8	74.5	114.5#

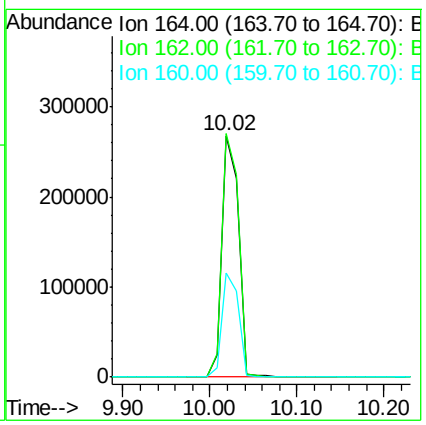


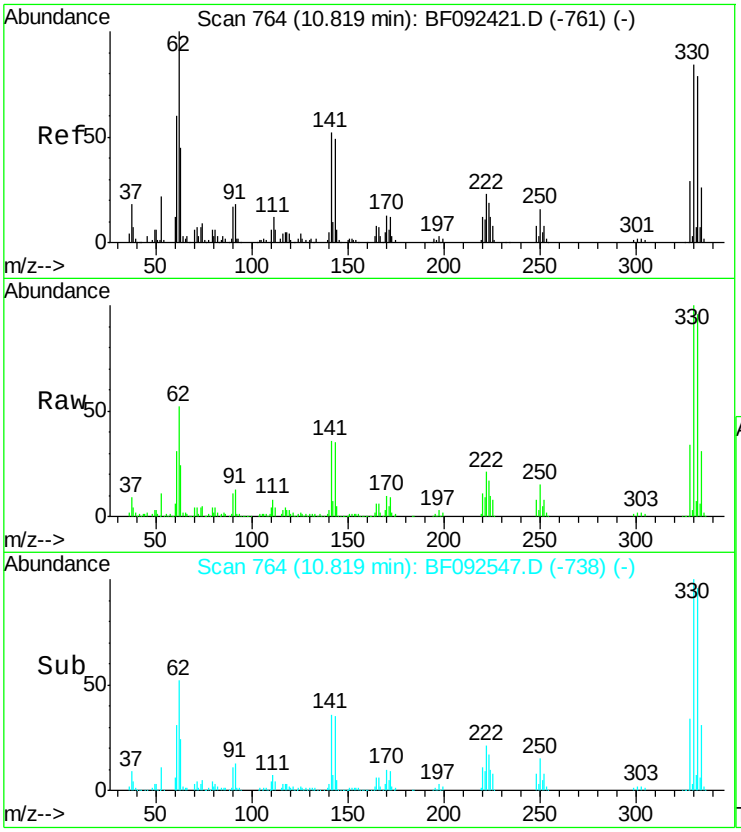


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Tgt Ion:164 Resp: 358388

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.2
160	43.4	36.9	55.3



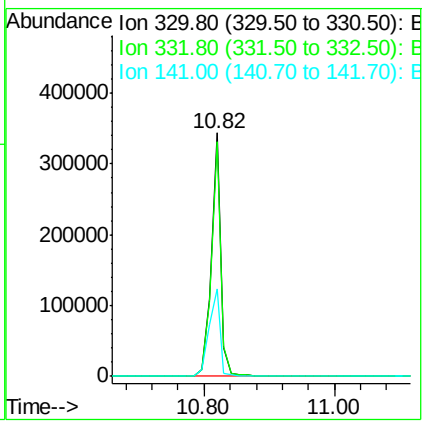


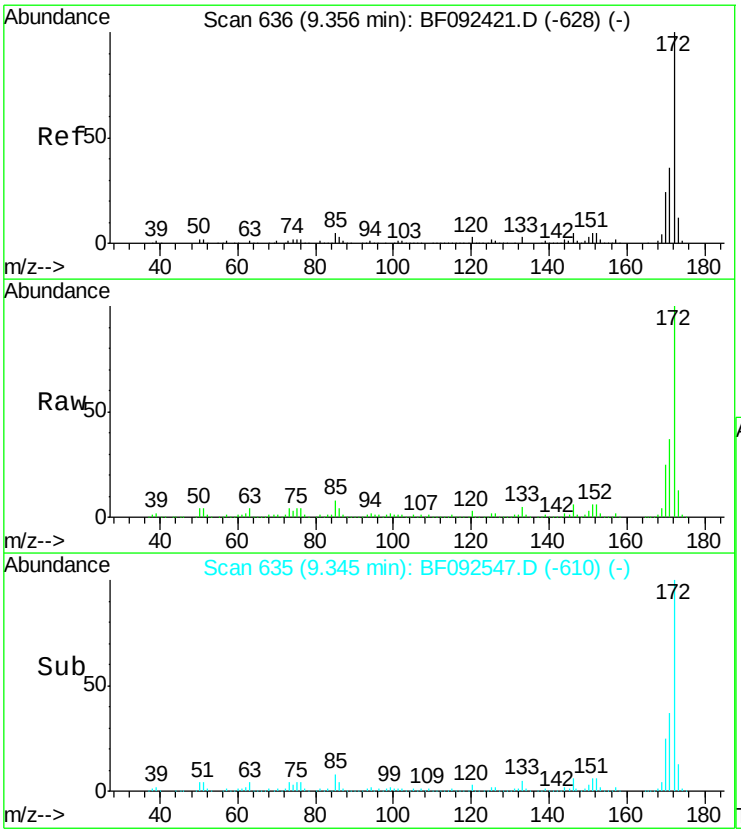
#41
2,4,6-Tribromophenol
Concen: 145.32 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Instrument :
BNA_F
ClientSampleId :
W-33

Tgt Ion:330 Resp: 354917

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	42.0	34.1	51.1

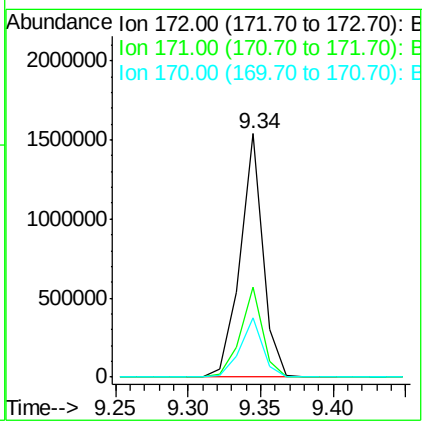


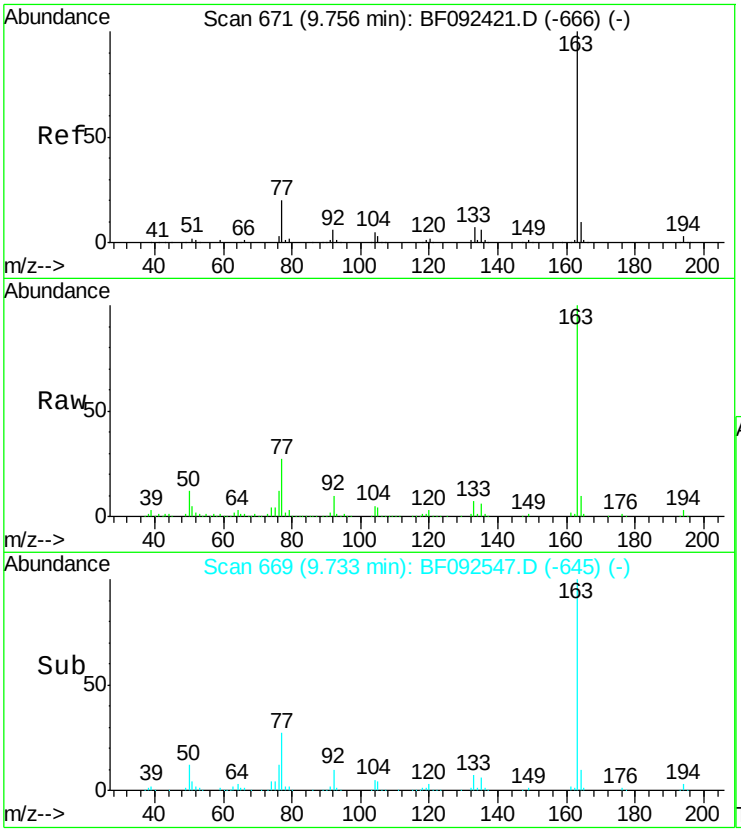


#44
2-Fluorobiphenyl
Concen: 86.50 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Tgt Ion:172 Resp: 1676506

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.6	20.2	30.4



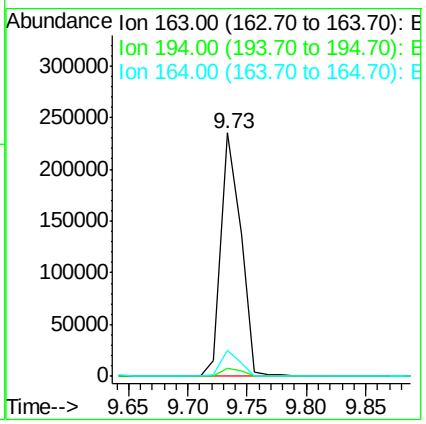


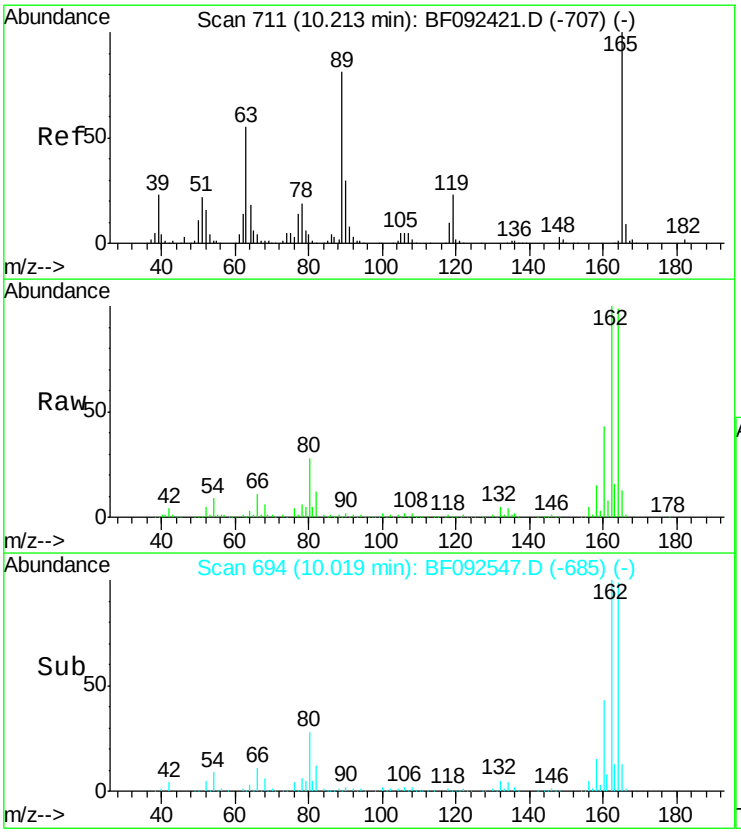
#49
Dimethylphthalate
Concen: 11.93 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Instrument :
BNA_F
ClientSampleId :
W-33

Tgt Ion:163 Resp: 271961

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.5	8.0	12.0

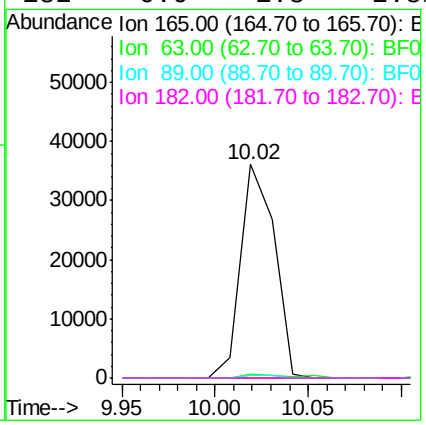


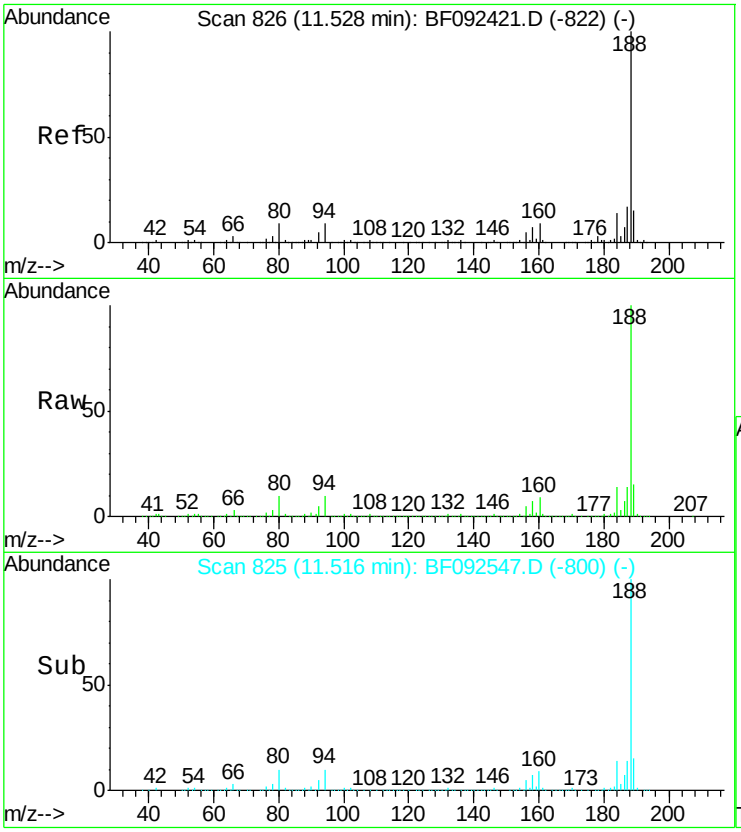


#56
2,4-Dinitrotoluene
Concen: 7.46 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.19 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Tgt Ion:165 Resp: 46101

Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.2	60.4#
89	1.3	62.5	93.7#
182	0.0	1.8	2.8#



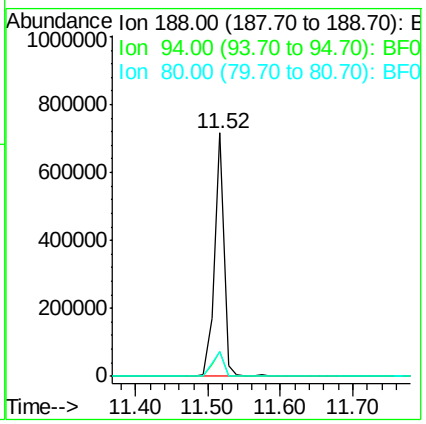


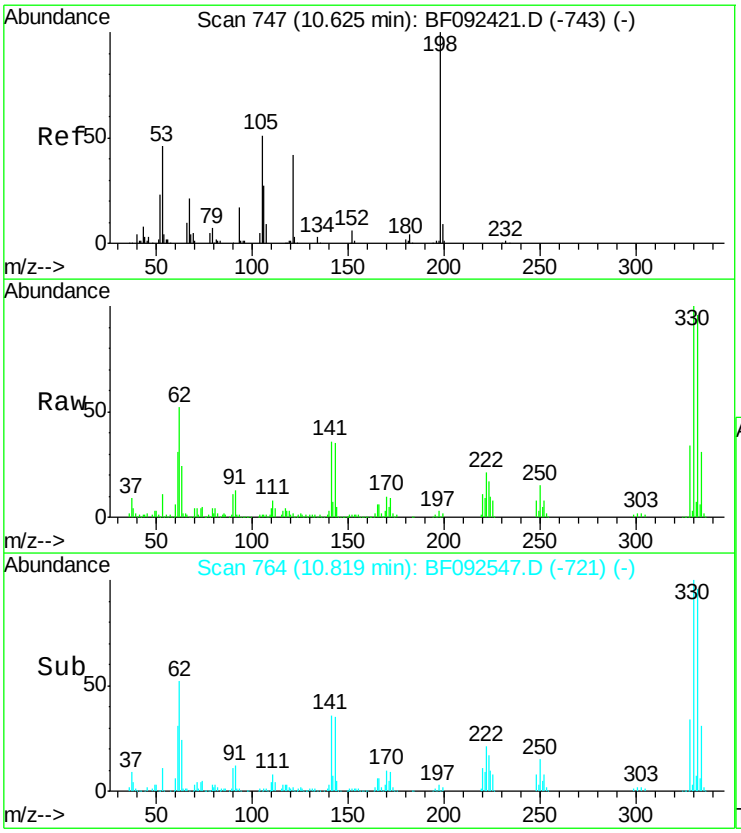
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Instrument :
BNA_F
ClientSampleId :
W-33

Tgt Ion:188 Resp: 644154

Ion	Ratio	Lower	Upper
188	100		
94	10.0	10.0	15.0#
80	10.4	11.2	16.8#

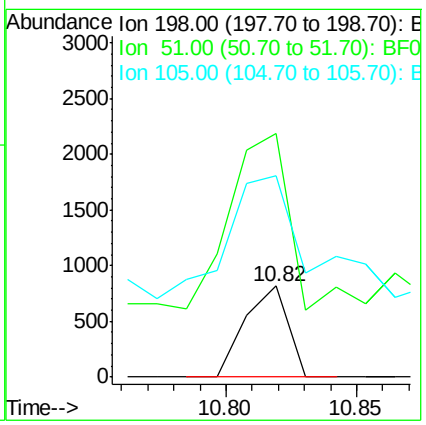


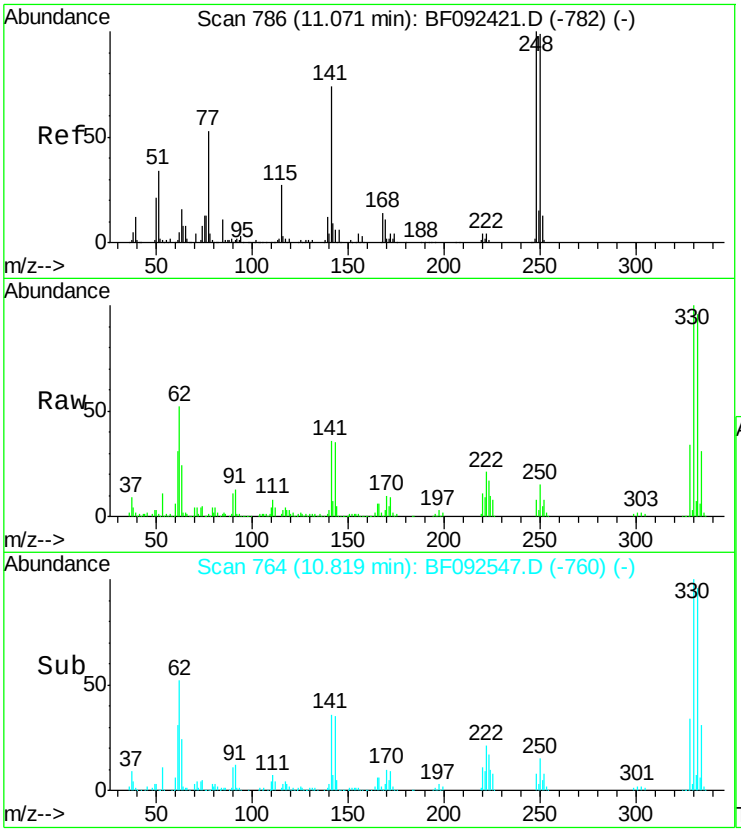


#64
4,6-Dinitro-2-methylphenol
Concen: 5.19 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.20 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Tgt Ion:198 Resp: 937

Ion	Ratio	Lower	Upper
198	100		
51	267.8	6.7	46.7#
105	221.6	16.6	56.6#



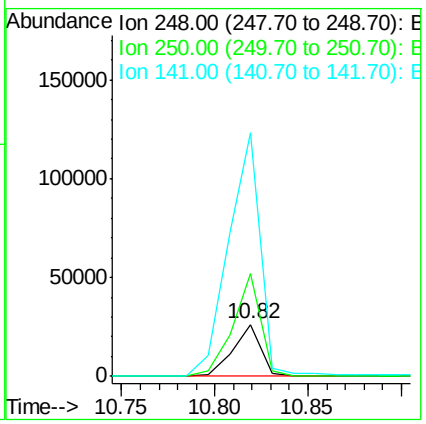


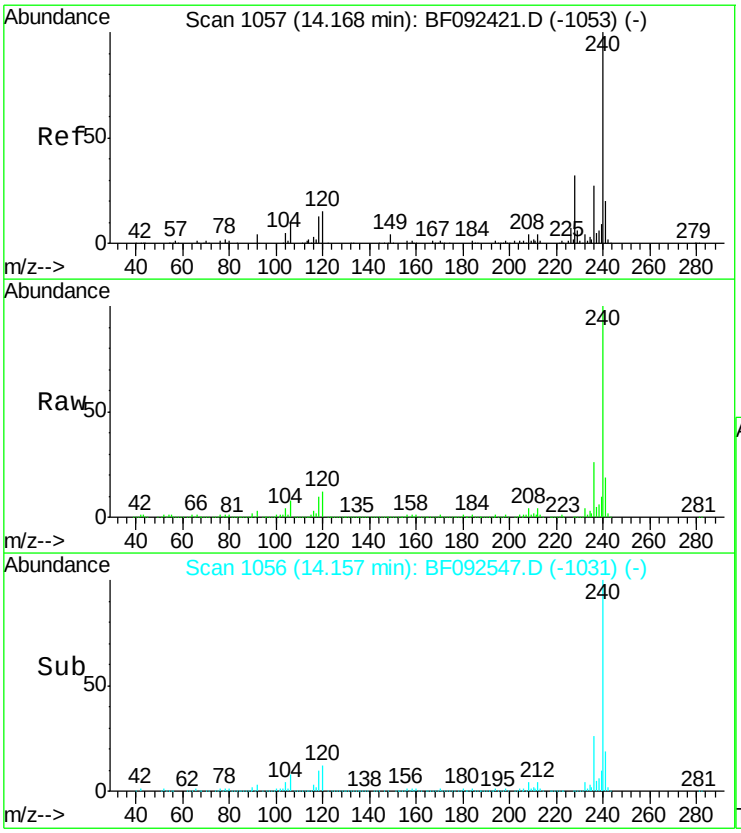
#66
4-Bromophenyl-phenylether
Concen: 4.23 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.25 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Instrument :
BNA_F
ClientSampleId :
W-33

Tgt Ion:248 Resp: 27514

Ion	Ratio	Lower	Upper
248	100		
250	197.0	76.9	115.3#
141	467.4	68.2	102.4#

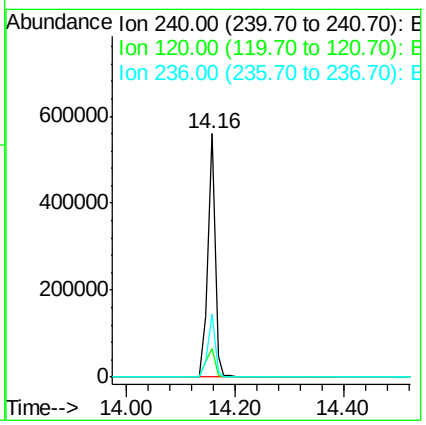


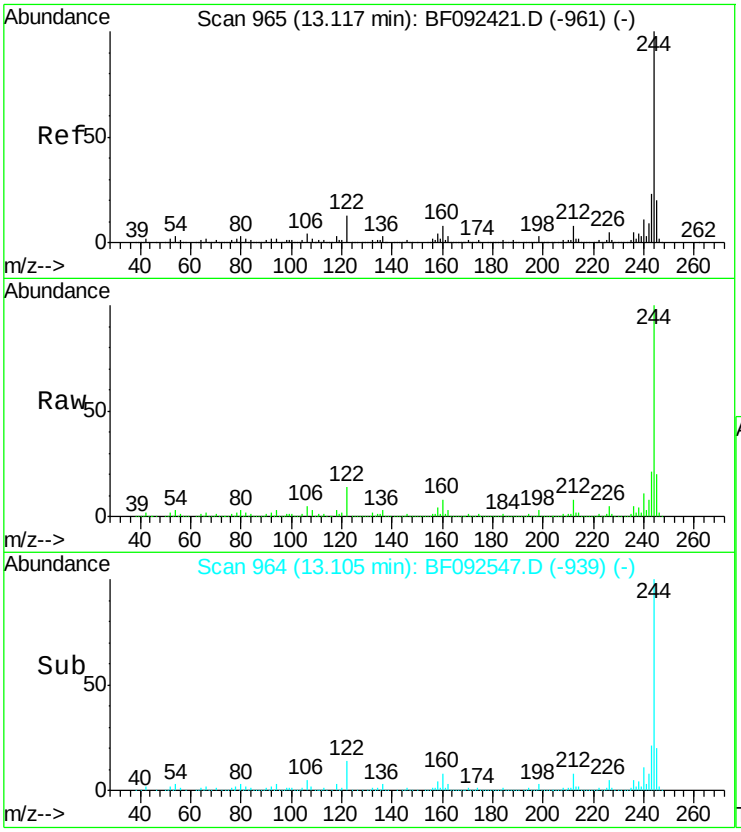


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Tgt Ion:240 Resp: 526565

Ion	Ratio	Lower	Upper
240	100		
120	11.7	12.9	19.3#
236	25.9	20.9	31.3



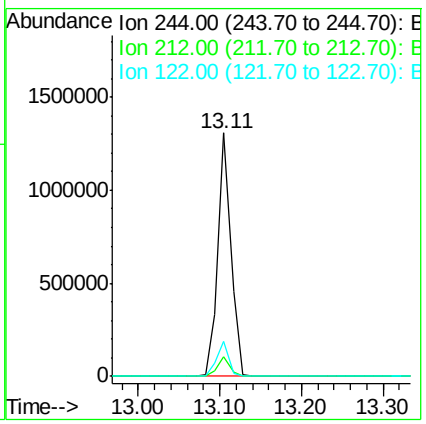


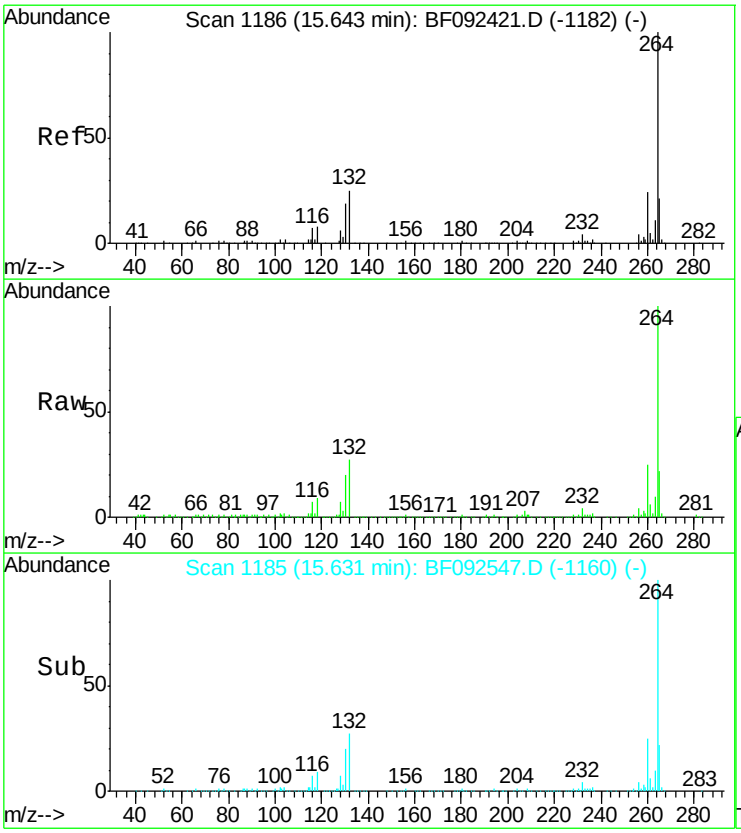
#78
Terphenyl-d14
Concen: 74.06 ng
RT: 13.11 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Instrument :
BNA_F
ClientSampleId :
W-33

Tgt Ion:244 Resp: 1464592

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	14.2	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Tgt Ion:264 Resp: 370344

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	21.6	17.4	26.0