Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
Data File : BF092324.D
Acq On : 17 Jan 2017 19:02
Operator : UM/SJ
Sample : I1230-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B25

Quant Time: Jan 17 23:57:50 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	170262	20.00	ng		-0.09
21) Naphthalene-d8	7.84	136	707740	20.00	ng		-0.09
38) Acenaphthene-d10	9.58	164	370286	20.00	ng		-0.10
63) Phenanthrene-d10	11.06	188	611151	20.00	ng		-0.10
75) Chrysene-d12	13.69	240	462648	20.00	ng		-0.10
86) Perylene-d12	15.05	264	355127	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	985587	96.65	ng		-0.10
7) Phenol-d6	6.22	99	1280782	102.88	ng		-0.09
23) Nitrobenzene-d5	7.12	82	774248	60.83	ng		-0.09
41) 2,4,6-Tribromophenol	10.38	330	268080	87.48	ng		-0.09
44) 2-Fluorobiphenyl	8.92	172	1093941	56.15	ng		-0.09
78) Terphenyl-d14	12.65	244	876621	45.95	ng		-0.10
Target Compounds							Qvalue
10) Phenol	6.23	94	51499	3.63	ng	#	76
19) n-Nitroso-di-n-propylamine	7.12	70	100692	12.16	ng	#	77
25) Isophorone	7.12	82	641954	27.34	ng	#	65
37) 2-Methylnaphthalene	8.56	142	272	Below Cal		#	59
49) Dimethylphthalate	9.32	163	107472	4.54	ng	#	99
50) 2,6-Dinitrotoluene	9.58	165	48327	9.32	ng	#	30
56) 2,4-Dinitrotoluene	9.58	165	48319	7.43	ng	#	19
66) 4-Bromophenyl-phenylether	10.37	248	15692	2.47	ng	#	1
71) Anthracene	11.14	178	12697	Below Cal			97
73) Di-n-butylphthalate	11.64	149	11887	Below Cal		#	98
76) Benzidine	12.65	184	11671	Below Cal		#	95
77) Pyrene	12.50	202	85113	2.51	ng		96
80) Benzo(a)anthracene	13.67	228	110581	4.23	ng		96
82) Chrysene	13.67	228	110581	4.22	ng		92
87) Benzo(b)fluoranthene	14.69	252	79475	3.59	ng		98
88) Benzo(k)fluoranthene	14.69	252	79475	4.22	ng		97

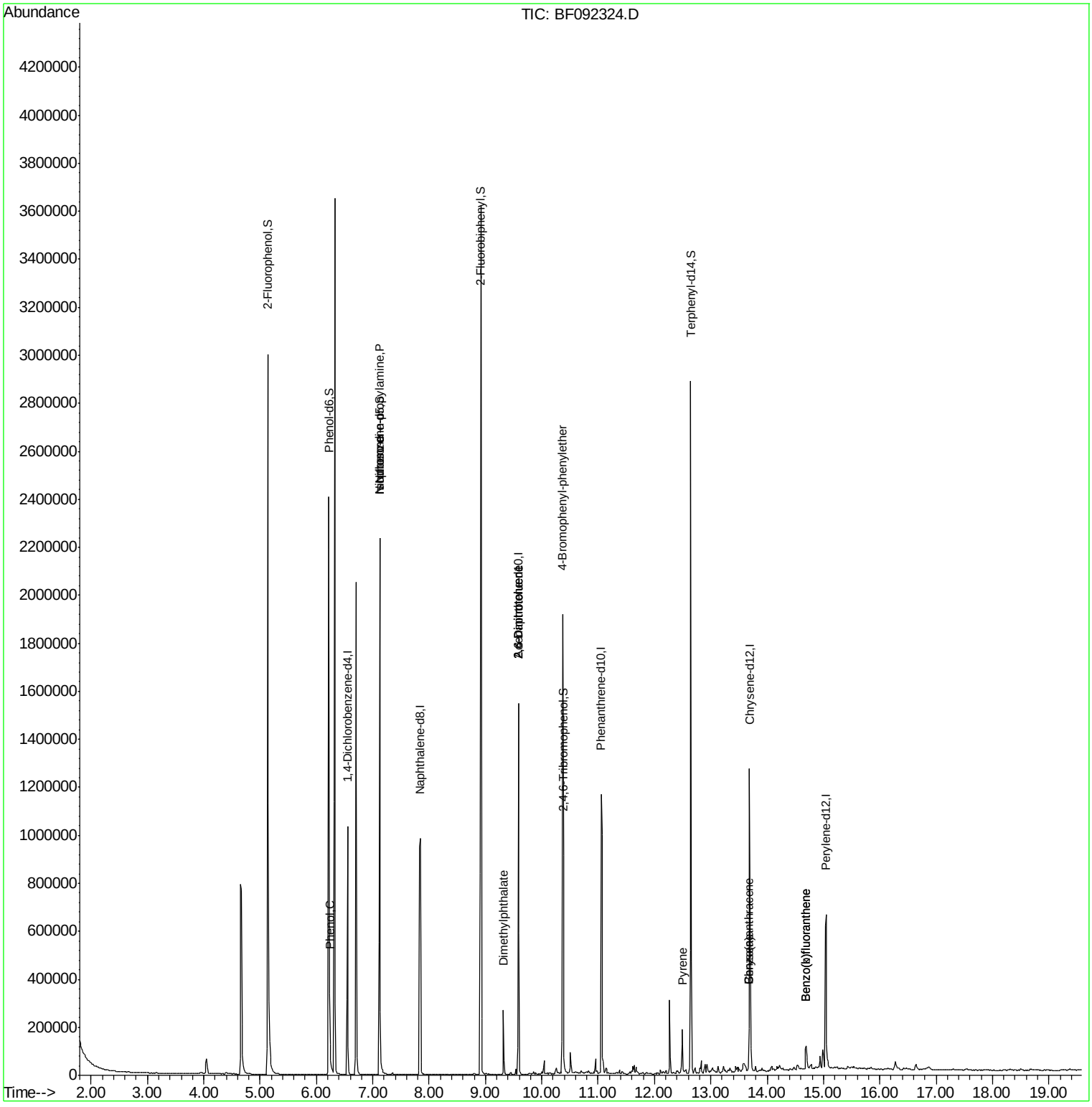
(#) = qualifier out of range (m) = manual integration (+) = signals summed

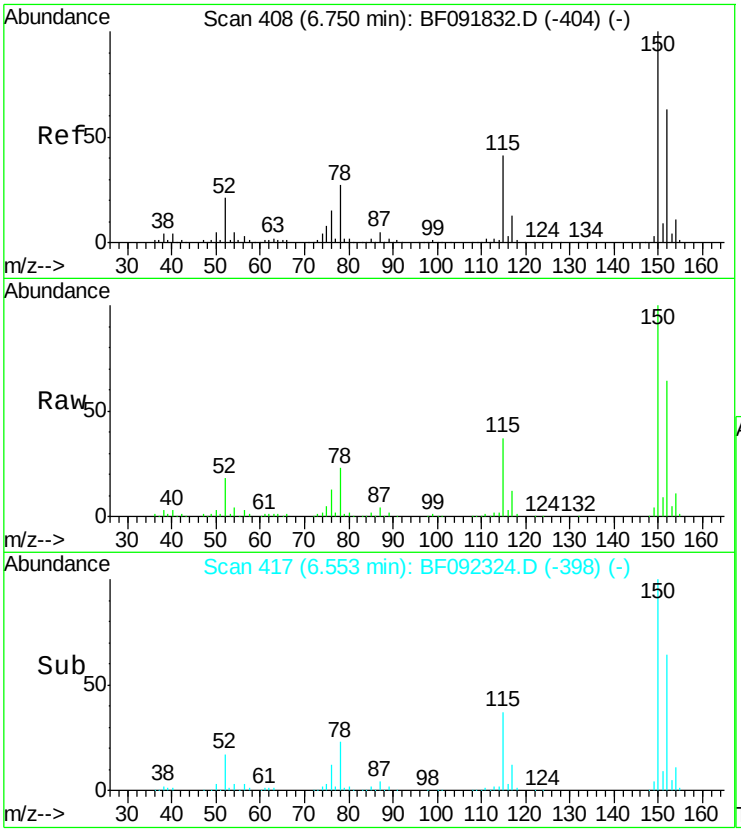
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
Data File : BF092324.D
Acq On : 17 Jan 2017 19:02
Operator : UM/SJ
Sample : I1230-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B25

Quant Time: Jan 17 23:57:50 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration



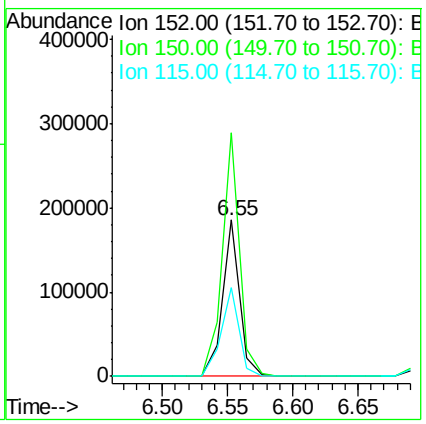


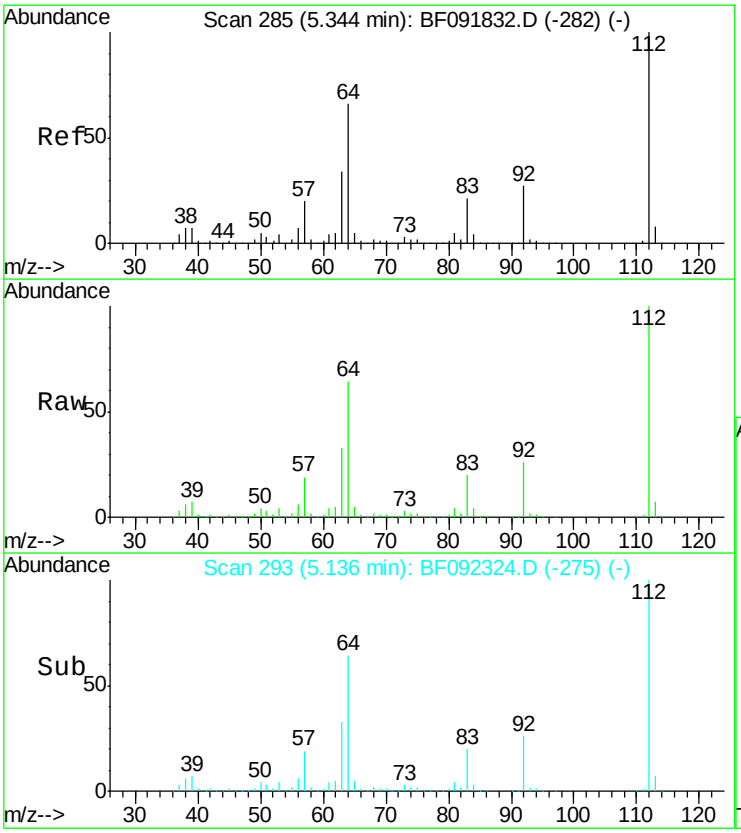
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 417
Delta R.T. -0.09 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
B25

Tgt Ion:152 Resp: 170262

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.9	187.3
115	57.1	46.0	69.0

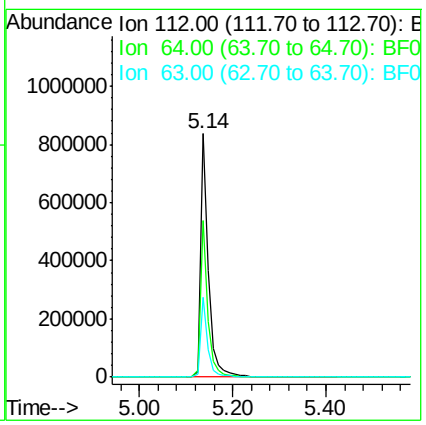


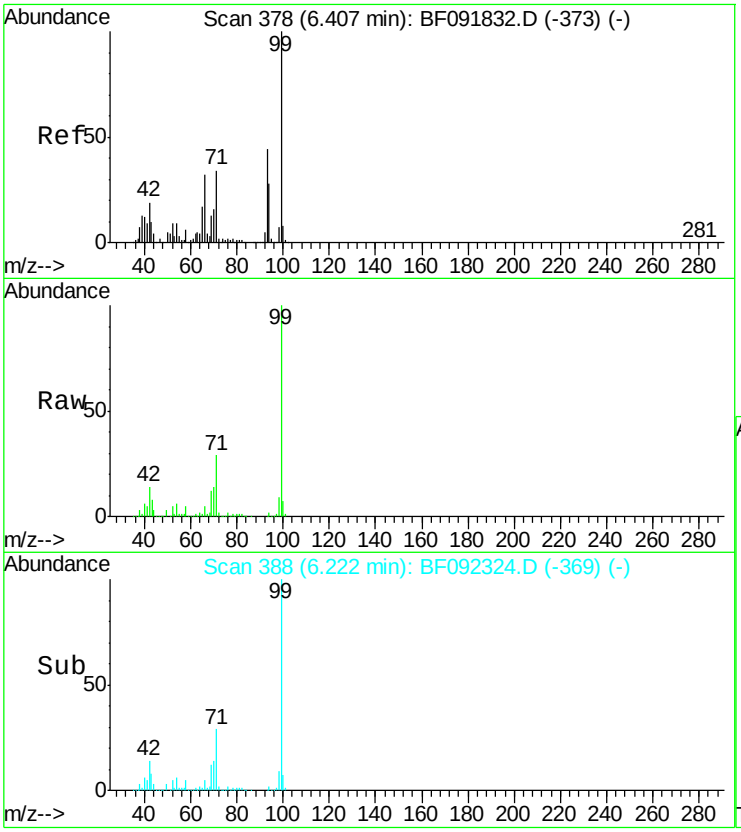


#5
2-Fluorophenol
Concen: 96.65 ng
RT: 5.14 min Scan# 293
Delta R.T. -0.10 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Tgt Ion:112 Resp: 985587

Ion	Ratio	Lower	Upper
112	100		
64	64.1	46.1	69.1
63	32.5	23.8	35.6



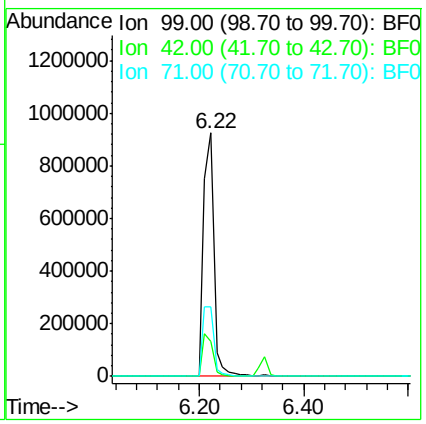


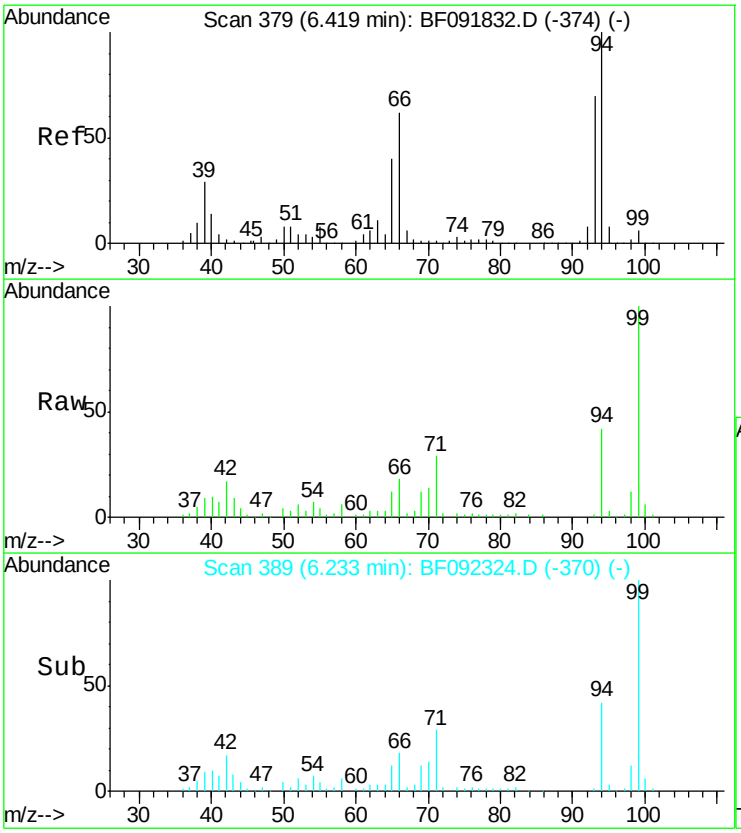
#7
Phenol-d6
Concen: 102.88 ng
RT: 6.22 min Scan# 388
Delta R.T. -0.09 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
B25

Tgt Ion: 99 Resp: 1280782

Ion	Ratio	Lower	Upper
99	100		
42	14.1	15.6	23.4#
71	28.8	27.5	41.3

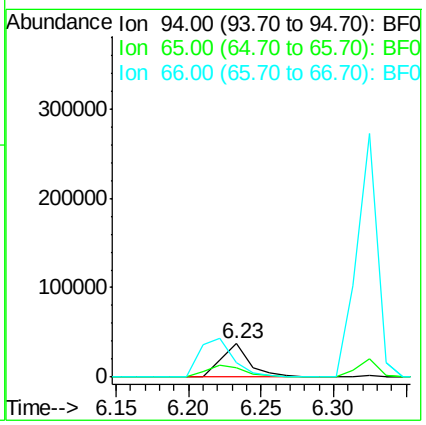


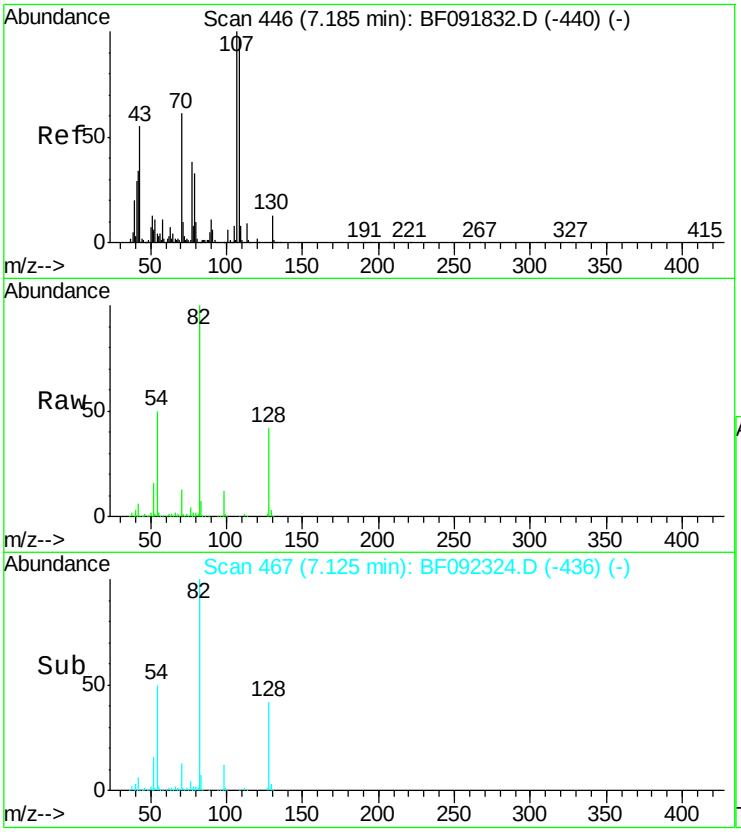


#10
Phenol
Concen: 3.63 ng
RT: 6.23 min Scan# 389
Delta R.T. -0.09 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Tgt Ion: 94 Resp: 51499

Ion	Ratio	Lower	Upper
94	100		
65	28.3	21.4	61.4
66	43.0	44.0	84.0#



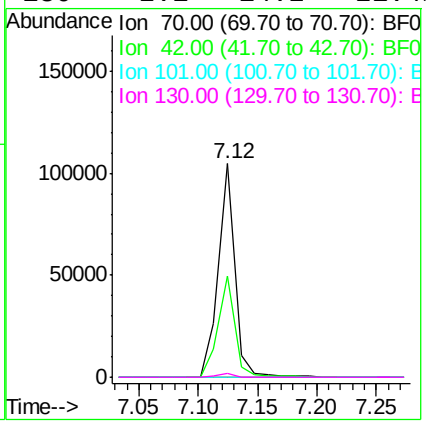


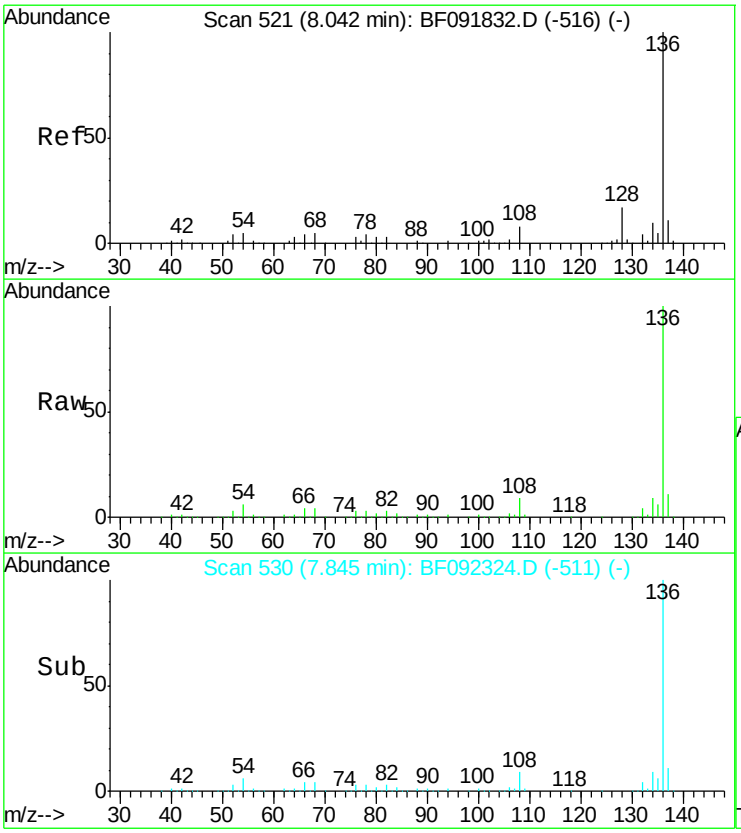
#19
n-Nitroso-di-n-propylamine
Concen: 12.16 ng
RT: 7.12 min Scan# 467
Delta R.T. 0.05 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
B25

Tgt Ion: 70 Resp: 100692

Ion	Ratio	Lower	Upper
70	100		
42	47.3	49.4	74.0#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#

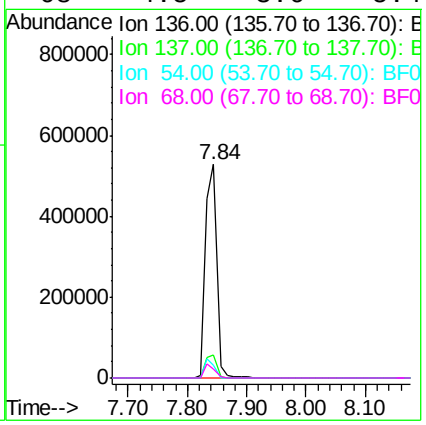


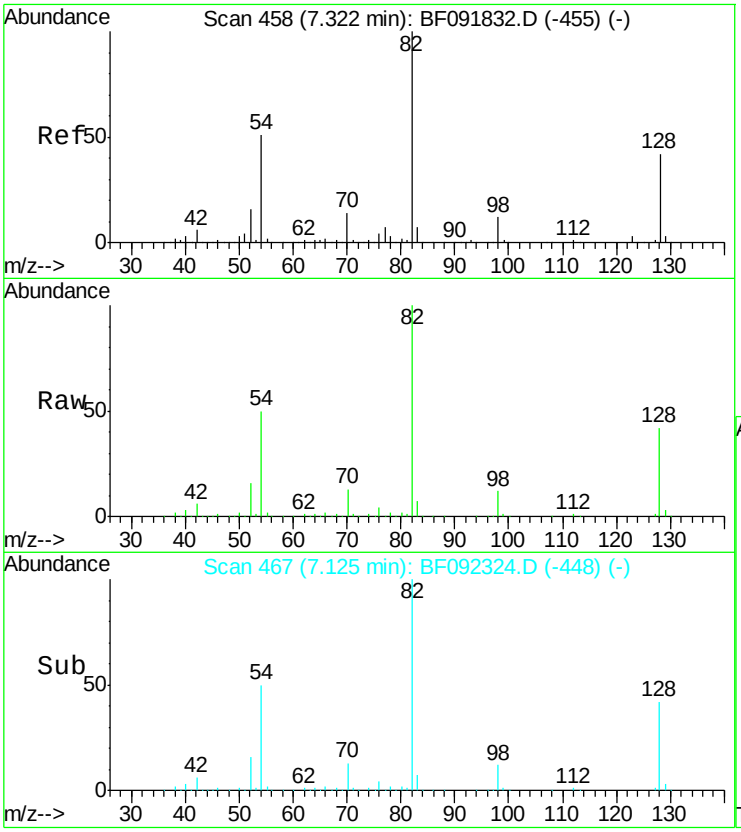


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.09 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Tgt Ion:136 Resp: 707740

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	5.7	4.5	6.7
68	4.5	3.6	5.4



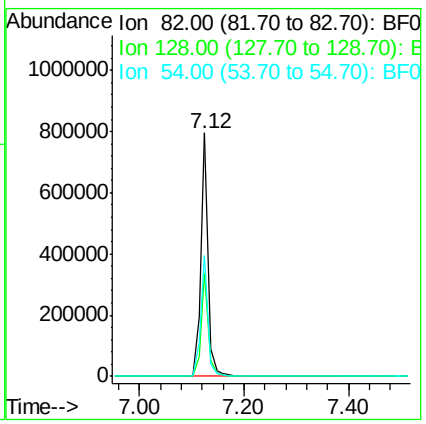


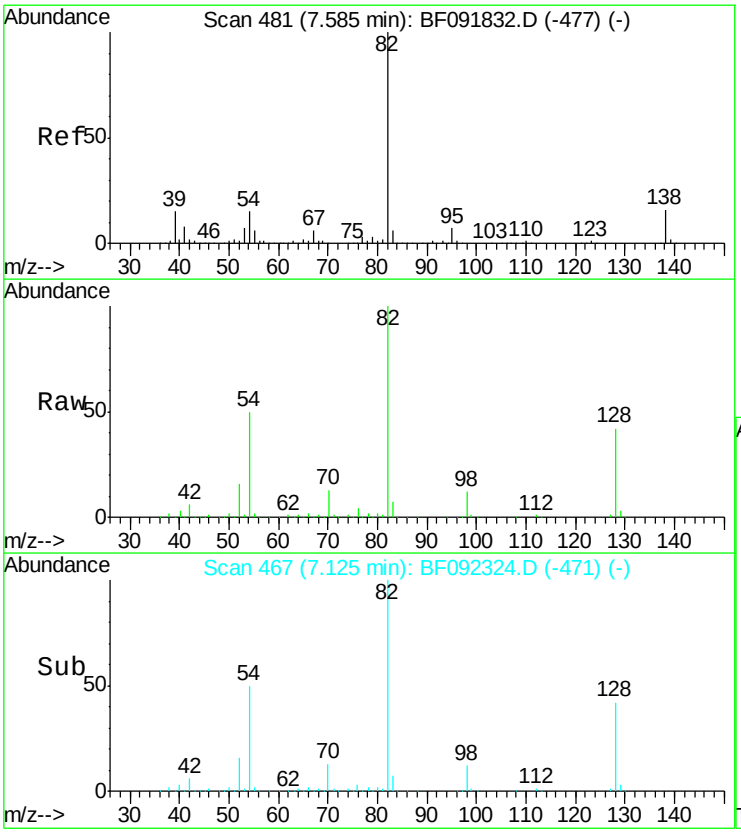
#23
Nitrobenzene-d5
Concen: 60.83 ng
RT: 7.12 min Scan# 467
Delta R.T. -0.09 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
B25

Tgt Ion: 82 Resp: 774248

Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	52.0
54	49.8	39.5	59.3

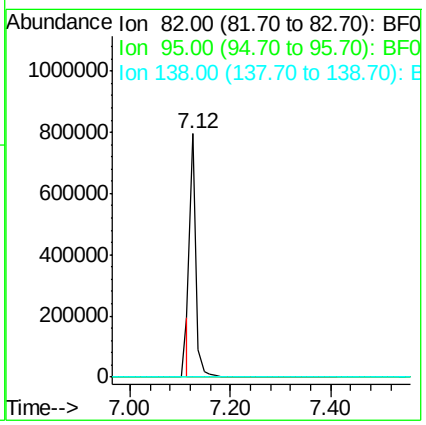


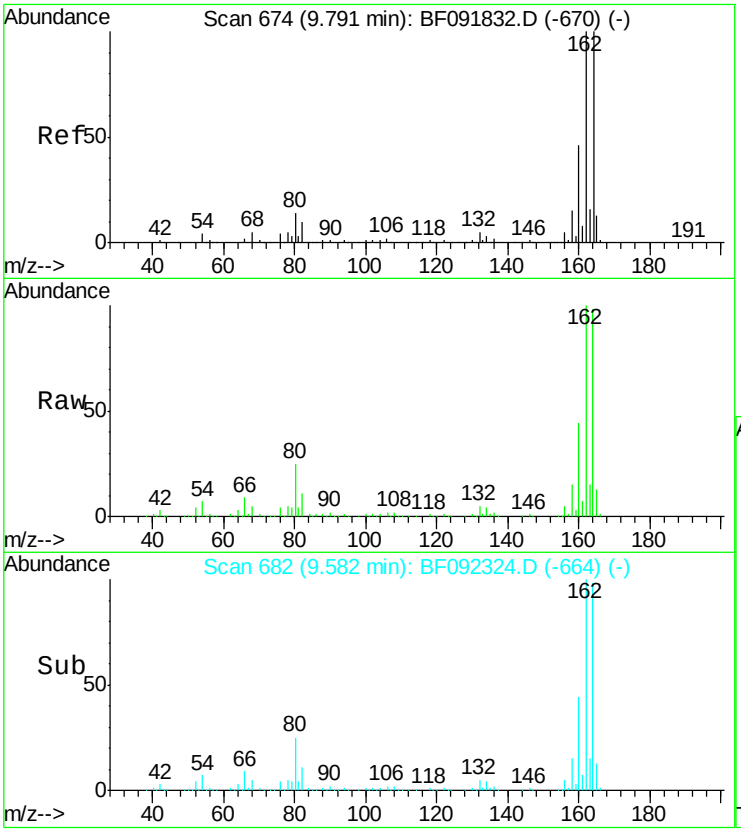


#25
Isophorone
Concen: 27.34 ng
RT: 7.12 min Scan# 467
Delta R.T. -0.35 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Tgt Ion: 82 Resp: 641954

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



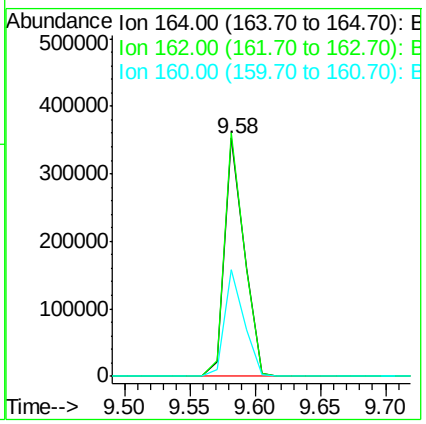


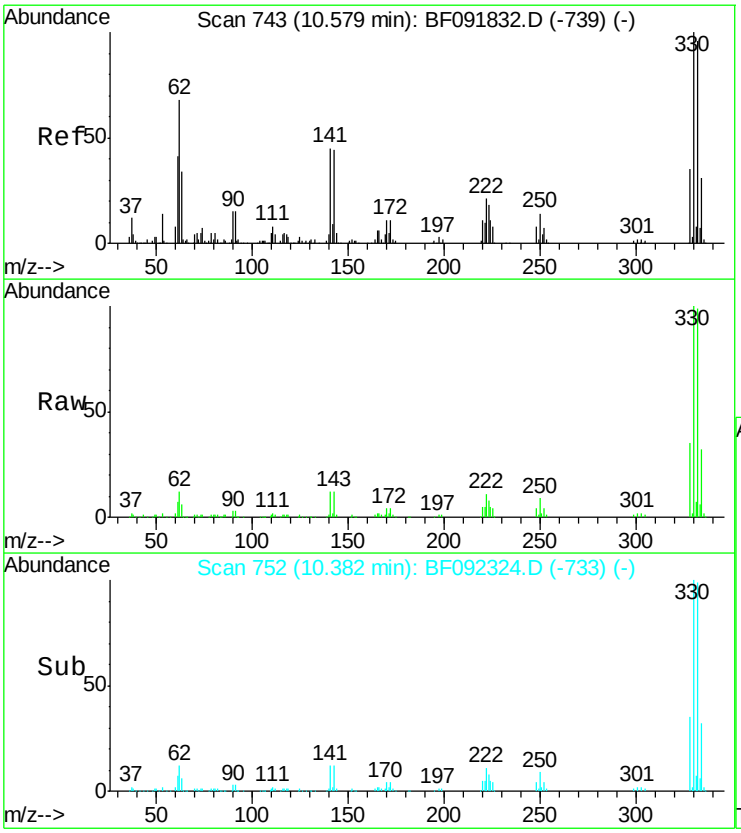
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 682
Delta R.T. -0.10 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
B25

Tgt Ion:164 Resp: 370286

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.2	120.2
160	44.7	36.9	55.3

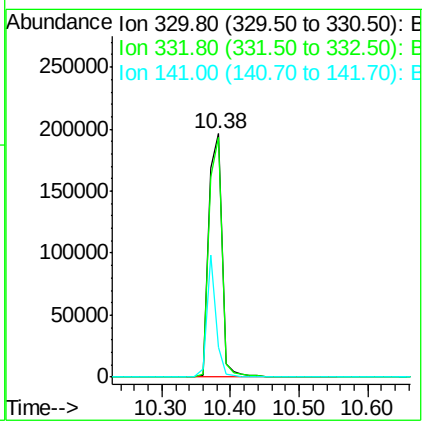


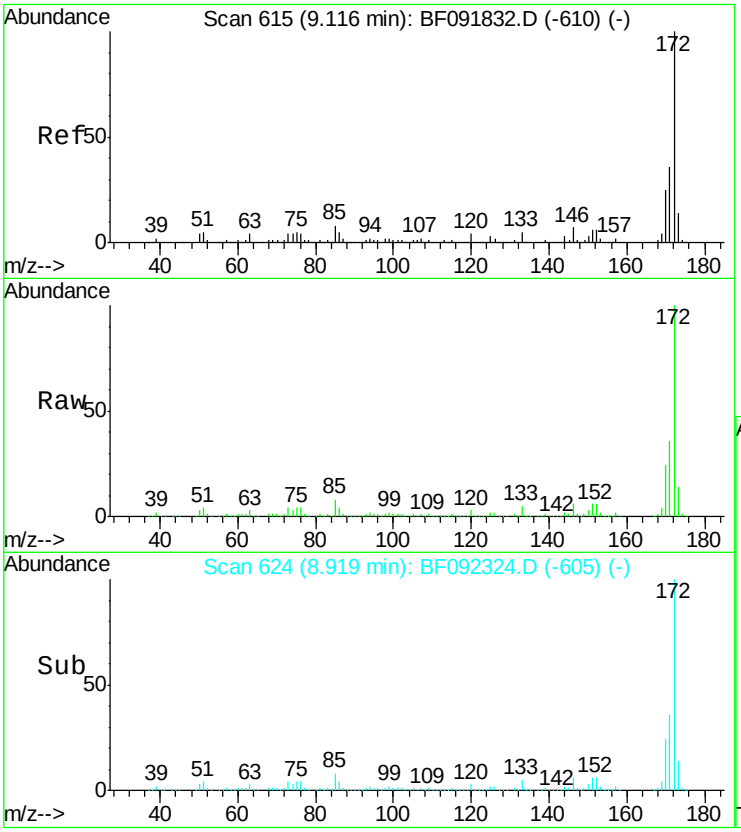


#41
2,4,6-Tribromophenol
Concen: 87.48 ng
RT: 10.38 min Scan# 752
Delta R.T. -0.09 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Tgt Ion:330 Resp: 268080

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	34.5	34.1	51.1



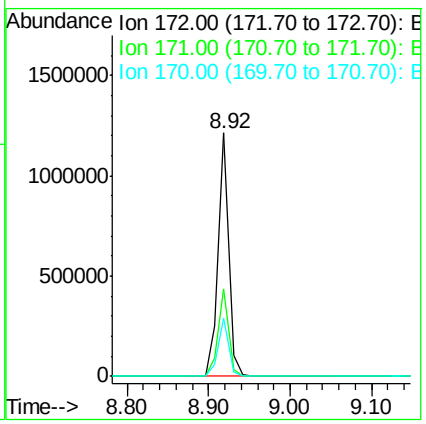


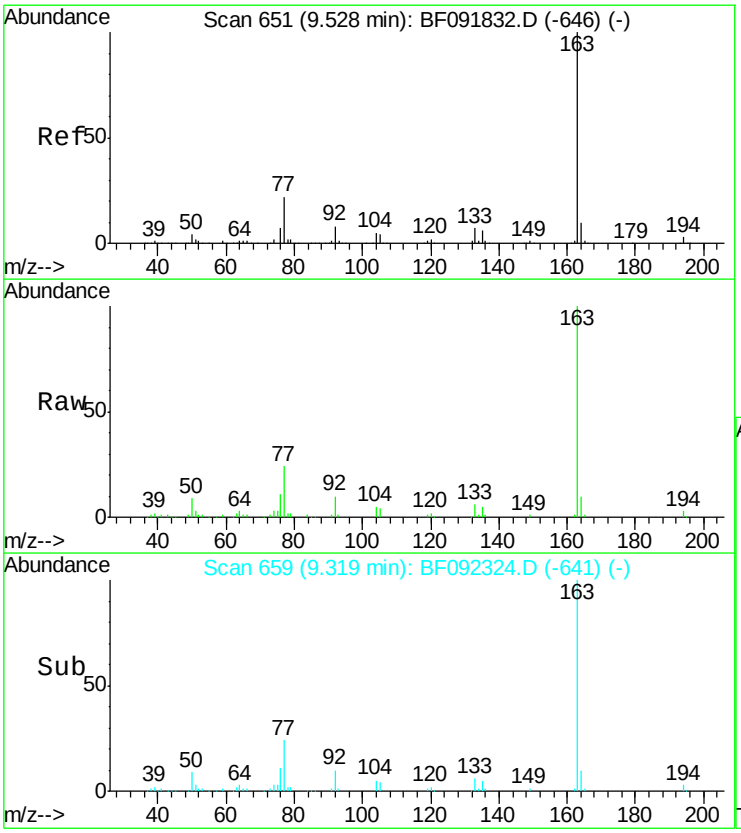
#44
2-Fluorobiphenyl
Concen: 56.15 ng
RT: 8.92 min Scan# 624
Delta R.T. -0.09 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
B25

Tgt Ion:172 Resp: 1093941

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	23.7	20.2	30.4

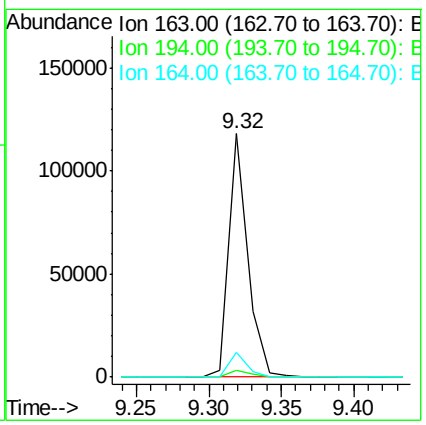


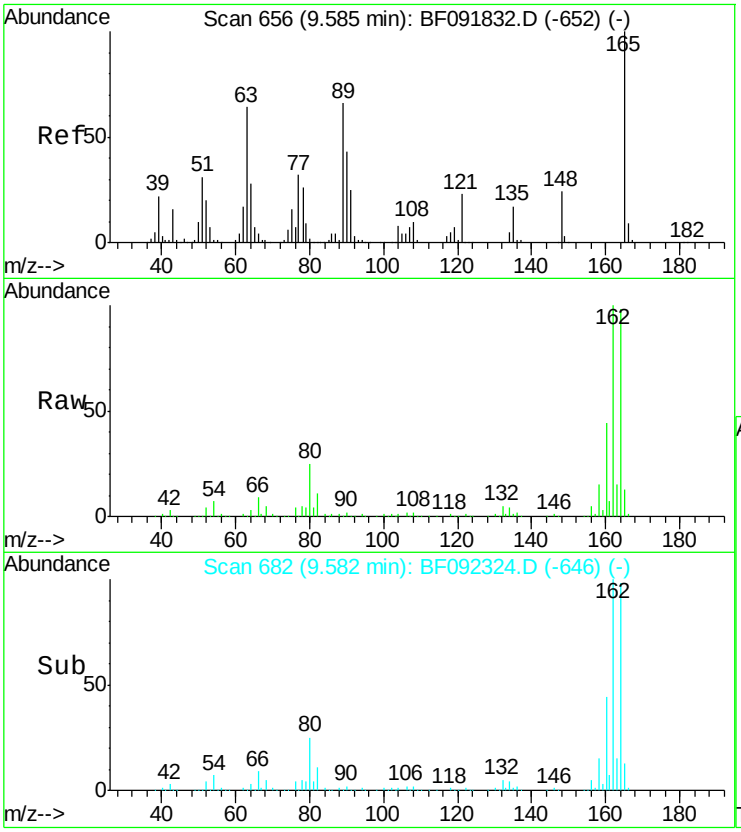


#49
Dimethylphthalate
Concen: 4.54 ng
RT: 9.32 min Scan# 659
Delta R.T. -0.10 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Tgt Ion:163 Resp: 107472

Ion	Ratio	Lower	Upper
163	100		
194	2.7	3.0	4.4#
164	10.0	8.0	12.0



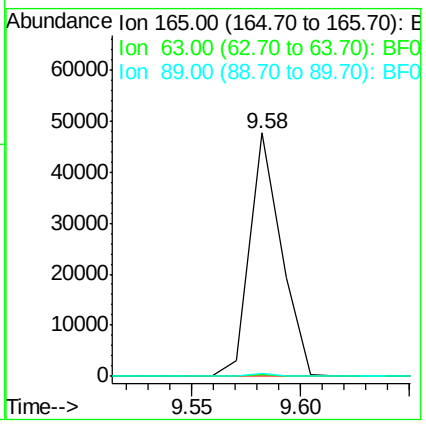


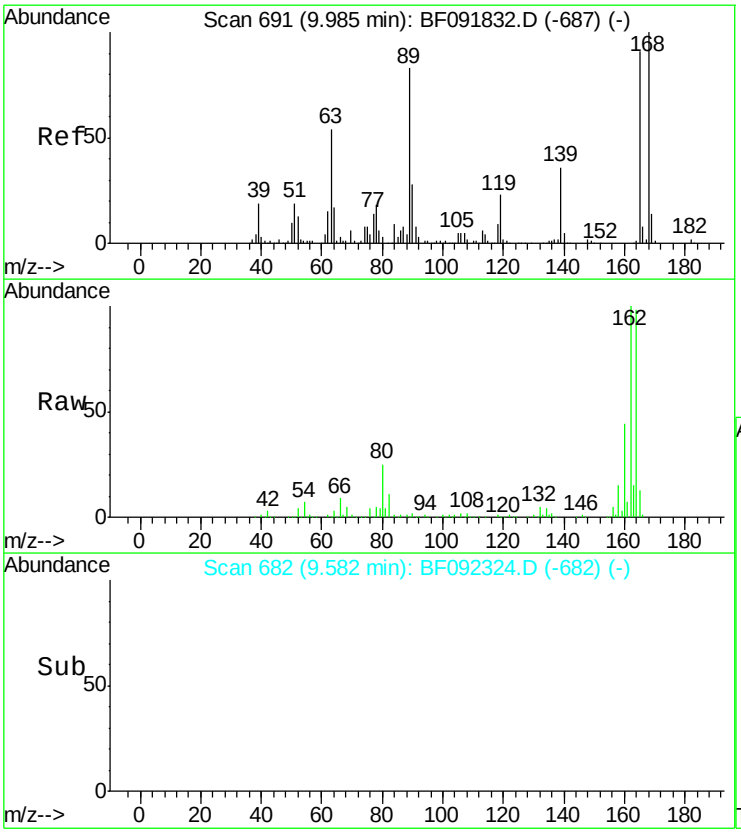
#50
2,6-Dinitrotoluene
Concen: 9.32 ng
RT: 9.58 min Scan# 682
Delta R.T. 0.11 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
B25

Tgt Ion:165 Resp: 48327

Ion	Ratio	Lower	Upper
165	100		
63	0.7	36.2	54.4#
89	1.1	40.2	60.4#

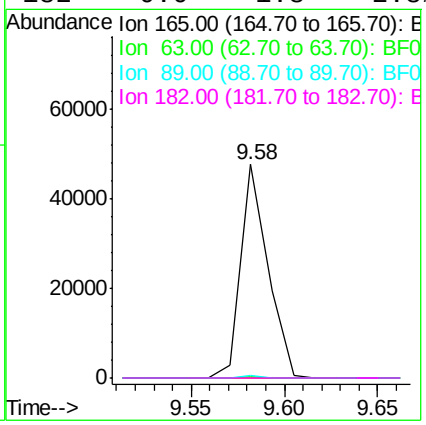


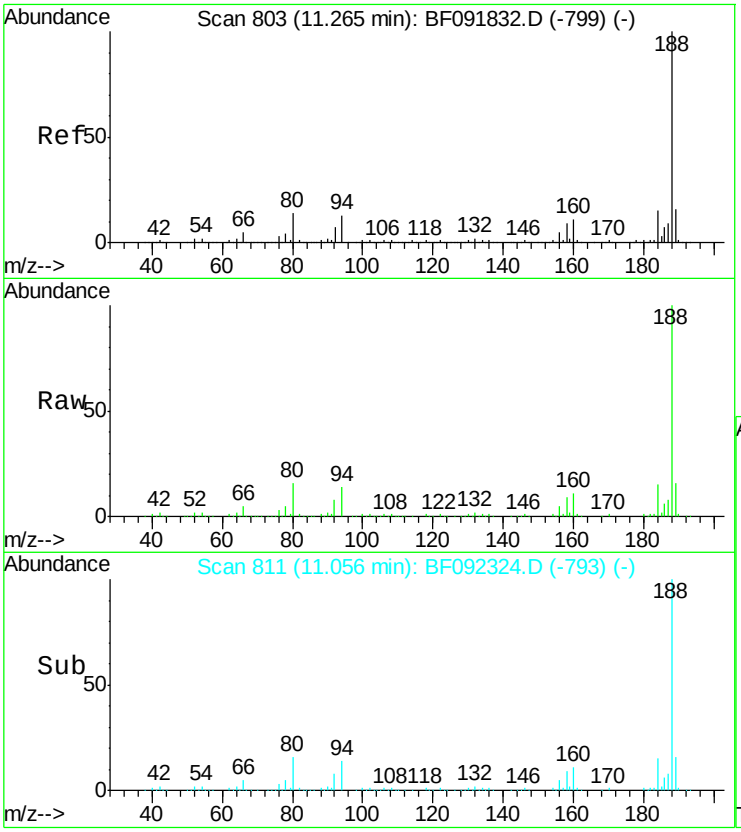


#56
2,4-Dinitrotoluene
Concen: 7.43 ng
RT: 9.58 min Scan# 682
Delta R.T. -0.31 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Tgt Ion:165 Resp: 48319

Ion	Ratio	Lower	Upper
165	100		
63	0.7	40.2	60.4#
89	1.1	62.5	93.7#
182	0.0	1.8	2.8#



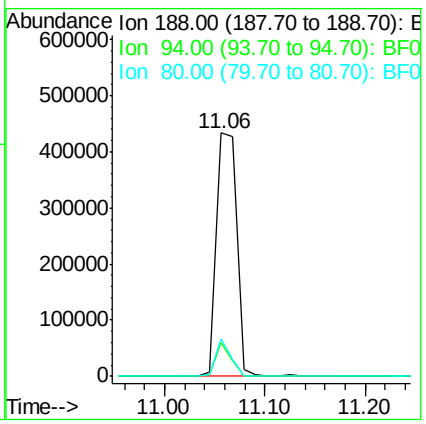


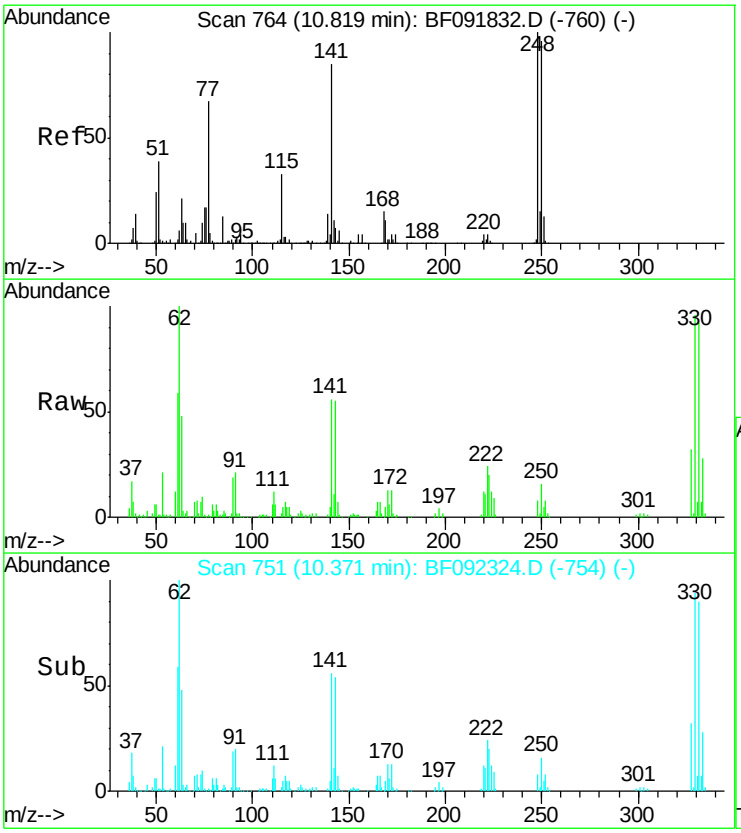
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 811
Delta R.T. -0.10 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
B25

Tgt Ion:188 Resp: 611151

Ion	Ratio	Lower	Upper
188	100		
94	13.6	10.0	15.0
80	15.7	11.2	16.8

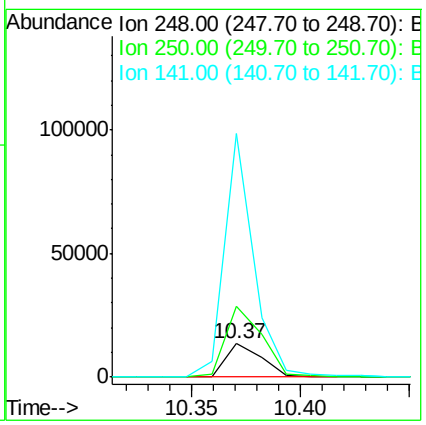


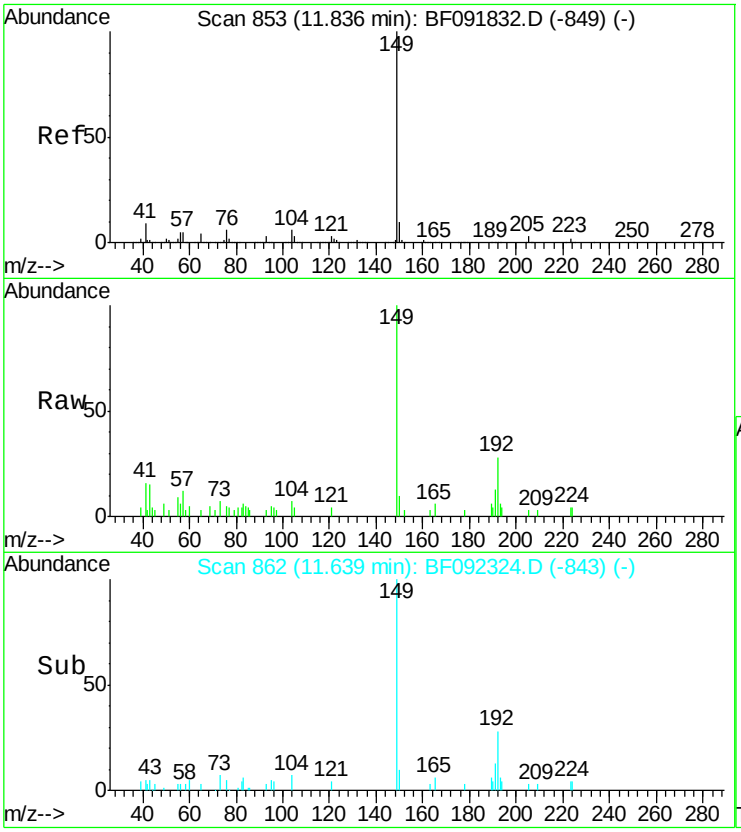


#66
4-Bromophenyl-phenylether
Concen: 2.47 ng
RT: 10.37 min Scan# 751
Delta R.T. -0.34 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Tgt Ion:248 Resp: 15692

Ion	Ratio	Lower	Upper
248	100		
250	214.3	76.9	115.3#
141	731.2	68.2	102.4#



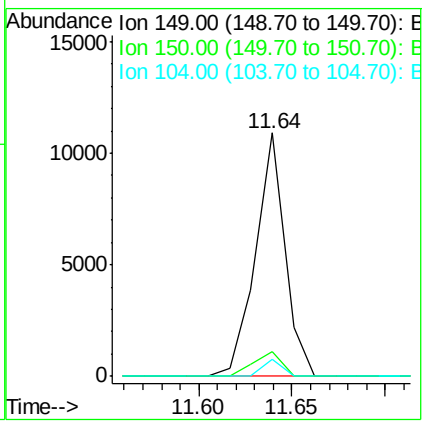


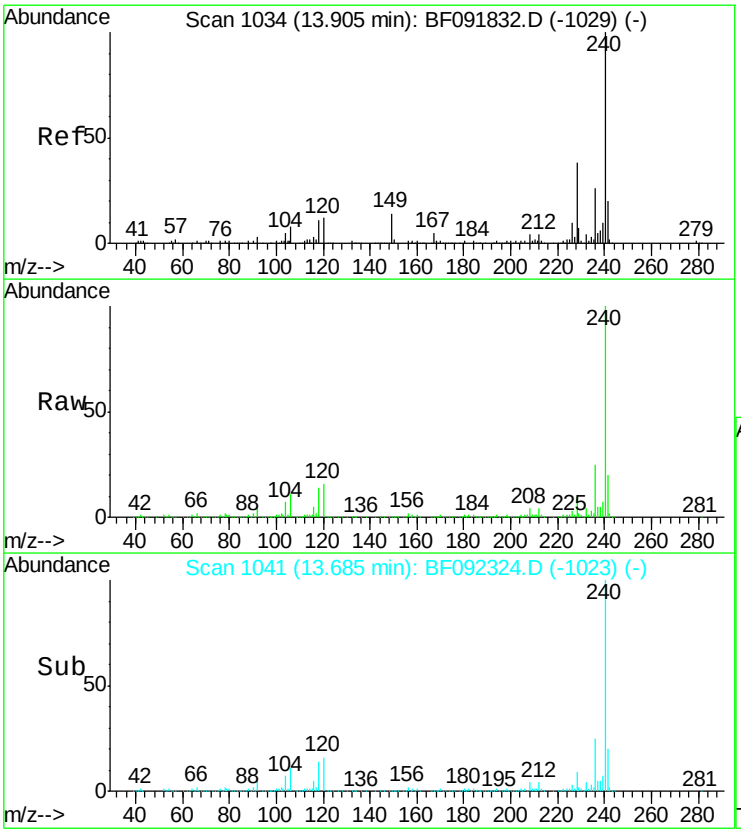
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.64 min Scan# 862
Delta R.T. -0.09 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
B25

Tgt Ion:149 Resp: 11887

Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.1	12.1
104	7.0	4.6	7.0#

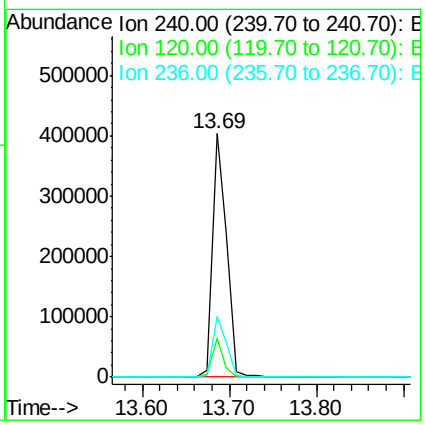


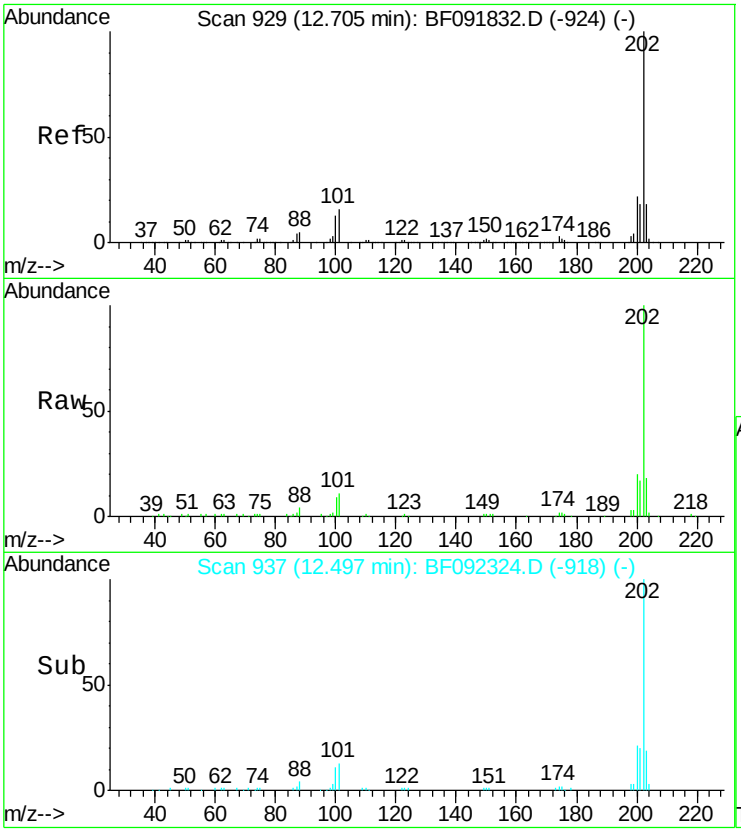


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.10 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Tgt Ion:240 Resp: 462648

Ion	Ratio	Lower	Upper
240	100		
120	15.7	12.9	19.3
236	25.0	20.9	31.3



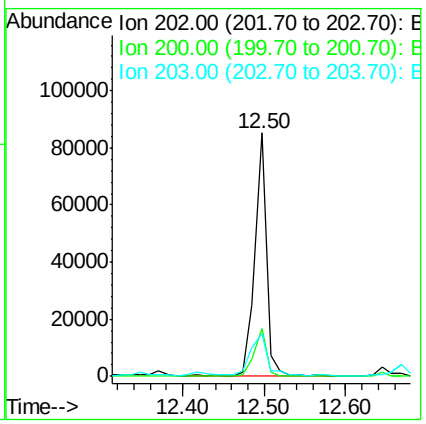


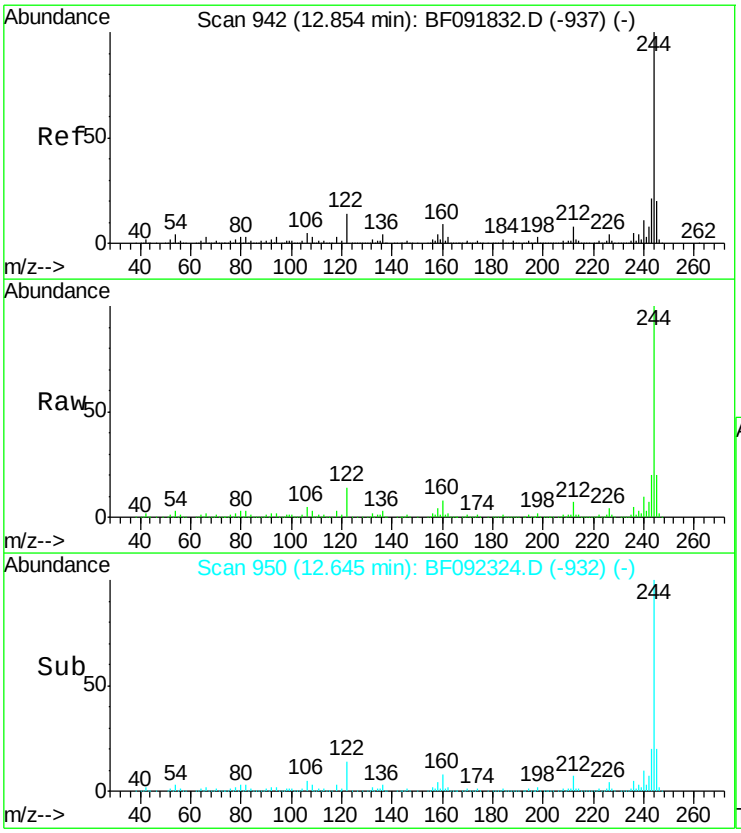
#77
Pyrene
Concen: 2.51 ng
RT: 12.50 min Scan# 937
Delta R.T. -0.09 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
B25

Tgt Ion:202 Resp: 85113

Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.7	26.5
203	17.5	14.7	22.1

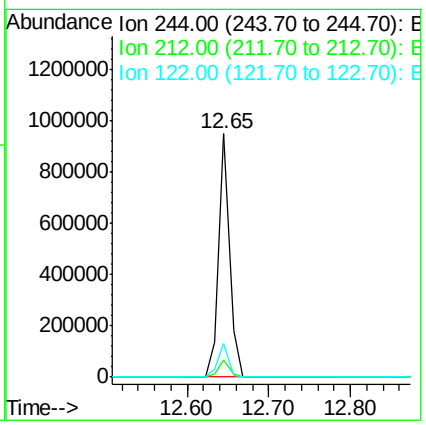


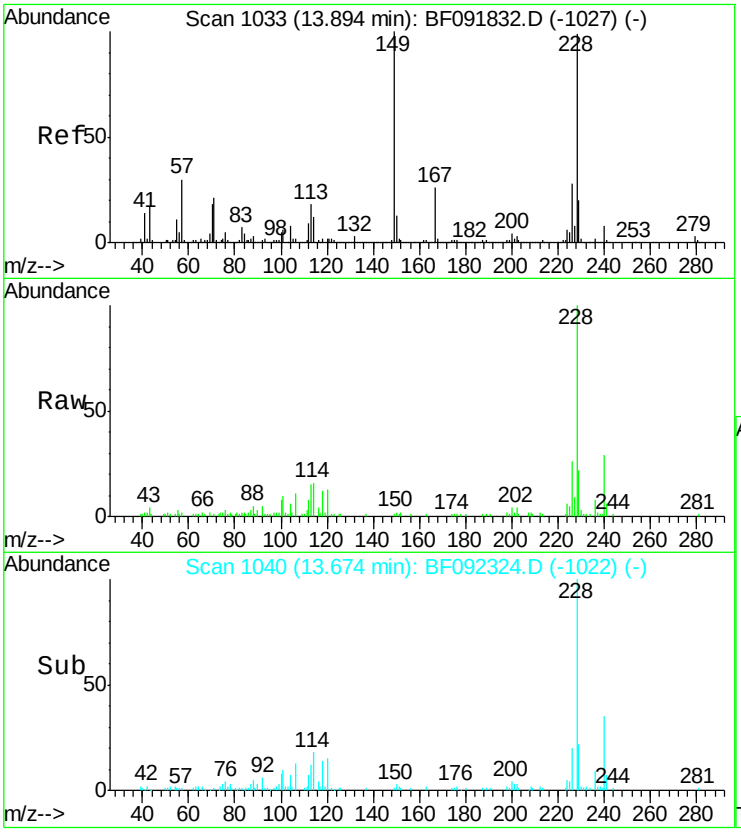


#78
Terphenyl-d14
Concen: 45.95 ng
RT: 12.65 min Scan# 950
Delta R.T. -0.10 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Tgt Ion:244 Resp: 876621

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	13.6	11.4	17.2



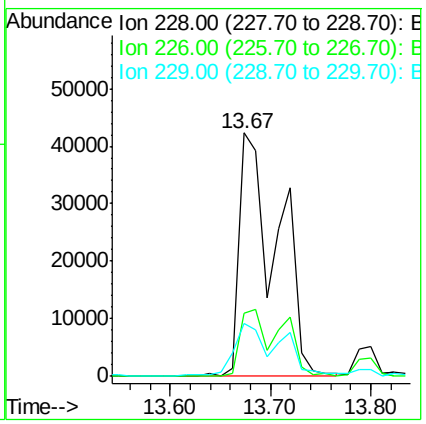


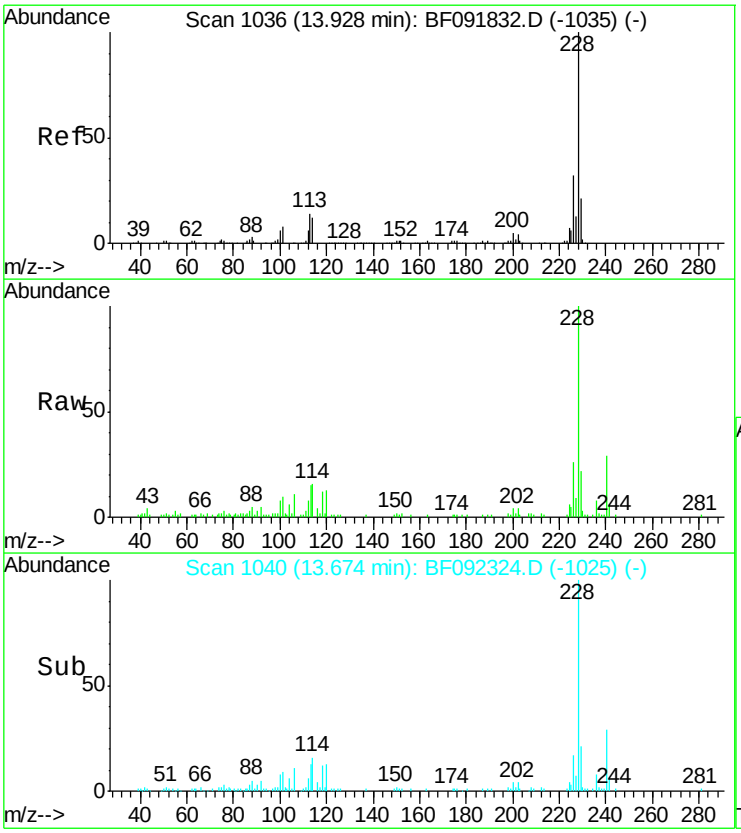
#80
Benzo(a)anthracene
Concen: 4.23 ng
RT: 13.67 min Scan# 1040
Delta R.T. -0.10 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
B25

Tgt Ion:228 Resp: 110581

Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.4	33.6
229	21.7	16.2	24.4

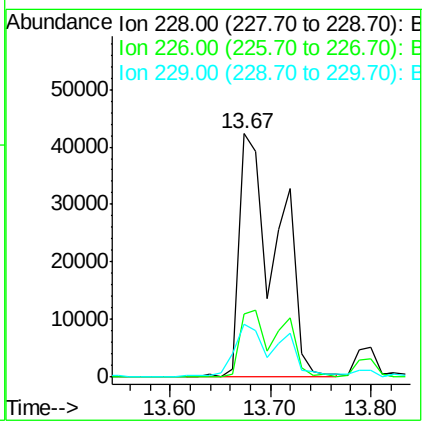


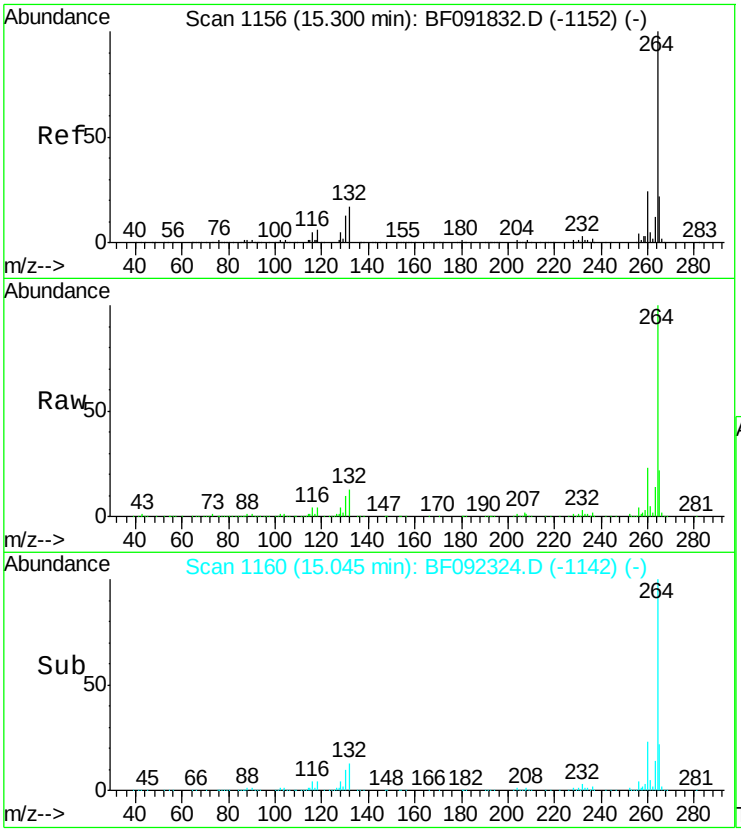


#82
Chrysene
Concen: 4.22 ng
RT: 13.67 min Scan# 1040
Delta R.T. -0.13 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Tgt Ion:228 Resp: 110581

Ion	Ratio	Lower	Upper
228	100		
226	25.9	25.4	38.0
229	21.7	16.2	24.2



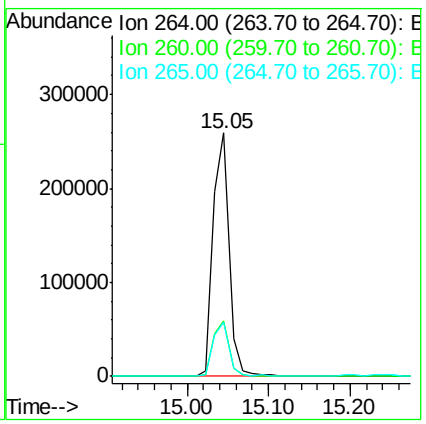


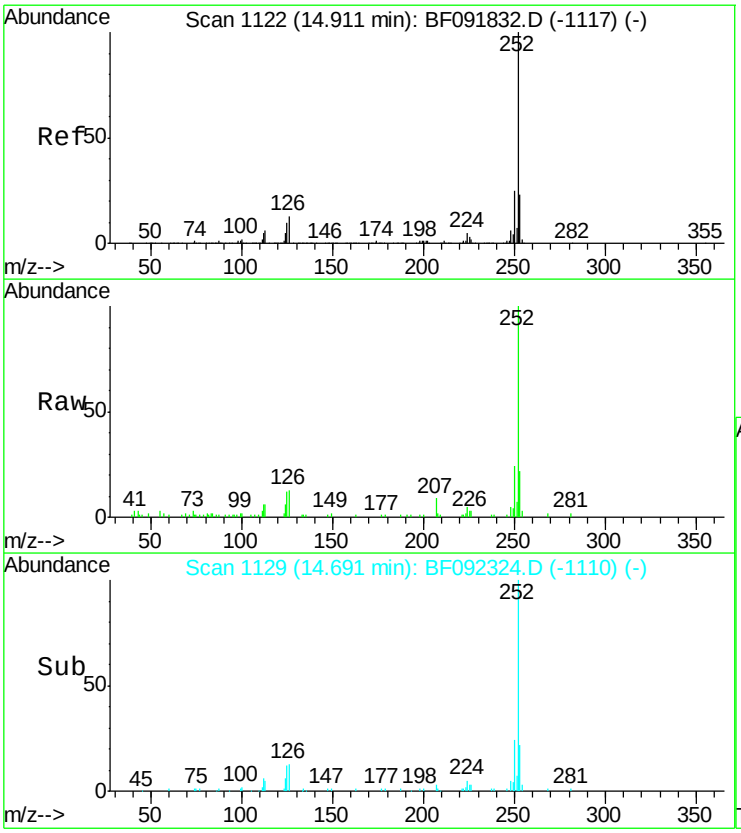
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1160
Delta R.T. -0.10 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
B25

Tgt Ion:264 Resp: 355127

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.3	17.4	26.0

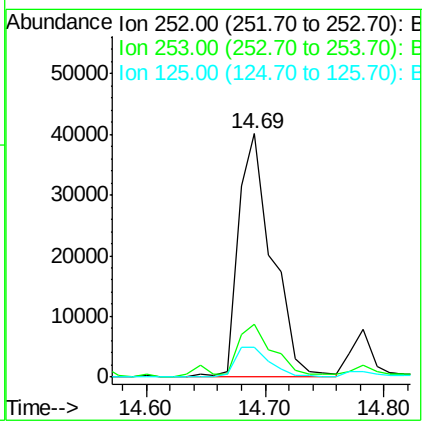


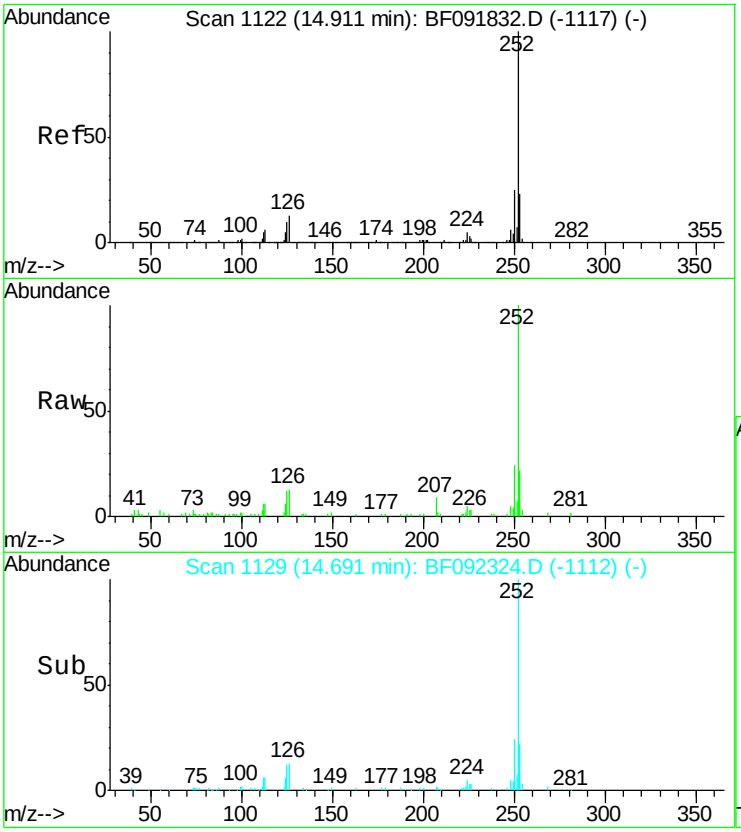


#87
Benzo(b)fluoranthene
Concen: 3.59 ng
RT: 14.69 min Scan# 1129
Delta R.T. -0.09 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Tgt Ion:252 Resp: 79475

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	12.4	9.8	14.6





#88
Benzo(k)fluoranthene
Concen: 4.22 ng
RT: 14.69 min Scan# 1129
Delta R.T. -0.11 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
B25

Tgt Ion:252 Resp: 79475

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.5	27.7
125	12.4	8.9	13.3