Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012117\
Data File : BF092416.D
Acq On : 21 Jan 2017 16:49
Operator : UM/SJ
Sample : I1265-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-5

Quant Time: Jan 23 00:42:51 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	6.67	152	72482	20.00	ng		0.02
21) Naphthalene-d8	7.80	136	369731	20.00	ng		-0.14
38) Acenaphthene-d10	9.55	164	232998	20.00	ng		-0.14
63) Phenanthrene-d10	11.02	188	336069	20.00	ng		-0.14
75) Chrysene-d12	13.65	240	323794	20.00	ng		-0.14
86) Perylene-d12	15.00	264	247455	20.00	ng		-0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	159280	36.69	ng		-0.14
7) Phenol-d6	6.21	99	199865	37.71	ng		-0.10
23) Nitrobenzene-d5	7.09	82	114634	17.24	ng		-0.12
41) 2,4,6-Tribromophenol	10.35	330	40051	20.77	ng		-0.12
44) 2-Fluorobiphenyl	8.88	172	271854	12.98	ng		-0.12
78) Terphenyl-d14	12.61	244	213687	16.01	ng		-0.14
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.09	70	15243	4.32	ng	#	74
25) Isophorone	7.09	82	105237	8.58	ng	#	65
37) 2-Methylnaphthalene	8.52	142	1303	Below Cal		#	90
49) Dimethylphthalate	9.28	163	45725	3.07	ng		100
50) 2,6-Dinitrotoluene	9.55	165	30306	9.29	ng	#	30
56) 2,4-Dinitrotoluene	9.55	165	30307	7.40	ng	#	19
71) Anthracene	11.10	178	4889	Below Cal		#	96
73) Di-n-butylphthalate	11.60	149	1631	Below Cal		#	76
74) Fluoranthene	12.23	202	33508	Below Cal			96
76) Benzidine	12.37	184	448	Below Cal		#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012117\
Data File : BF092416.D
Acq On : 21 Jan 2017 16:49
Operator : UM/SJ
Sample : I1265-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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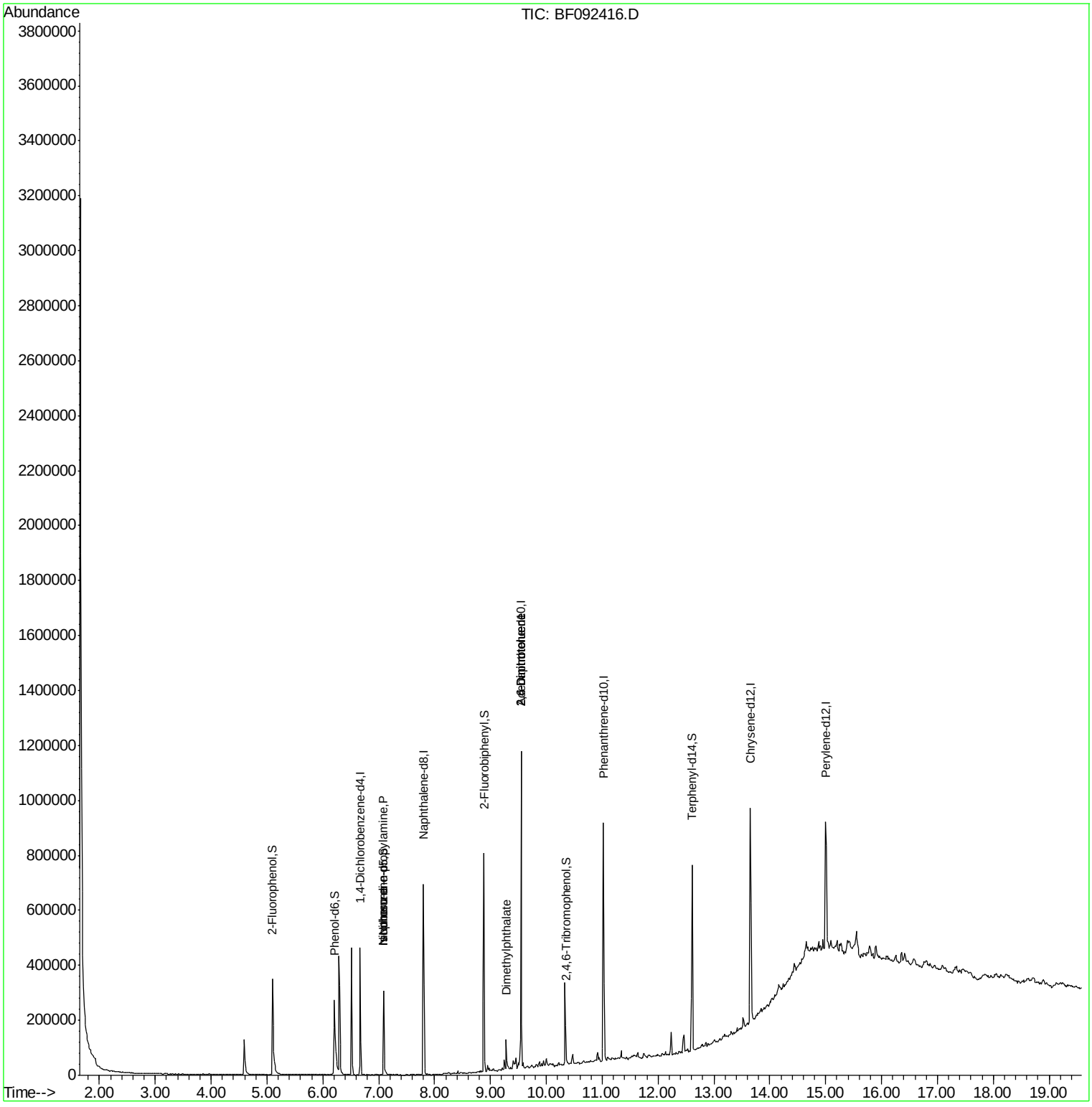
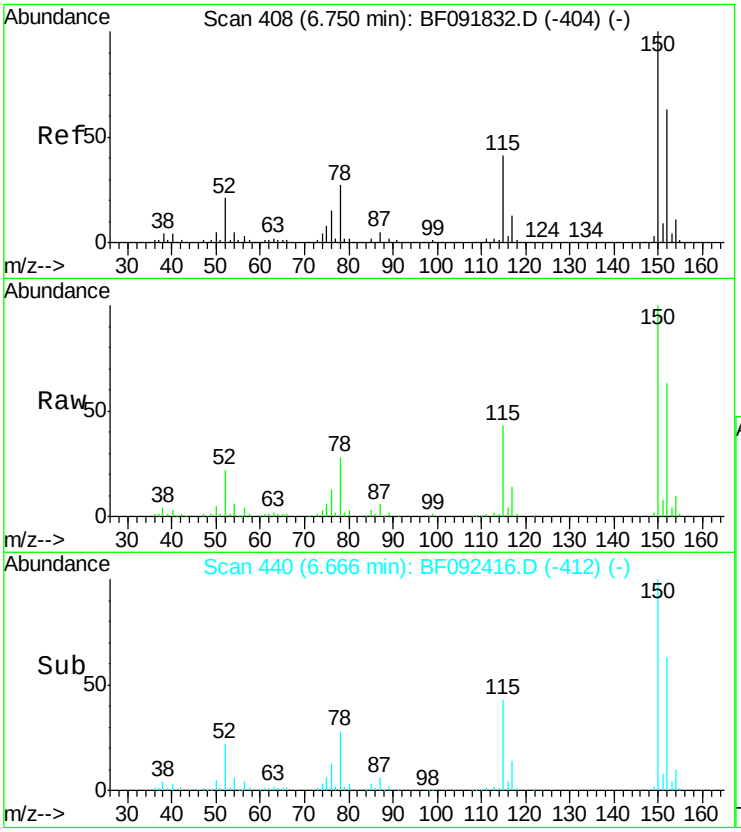


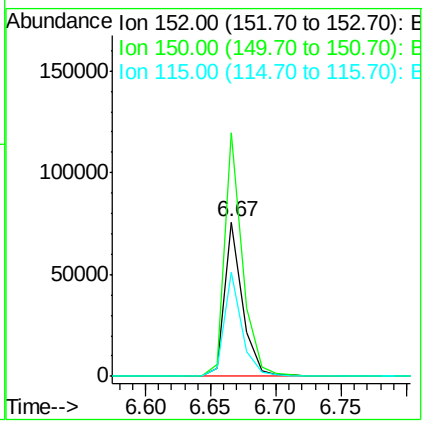


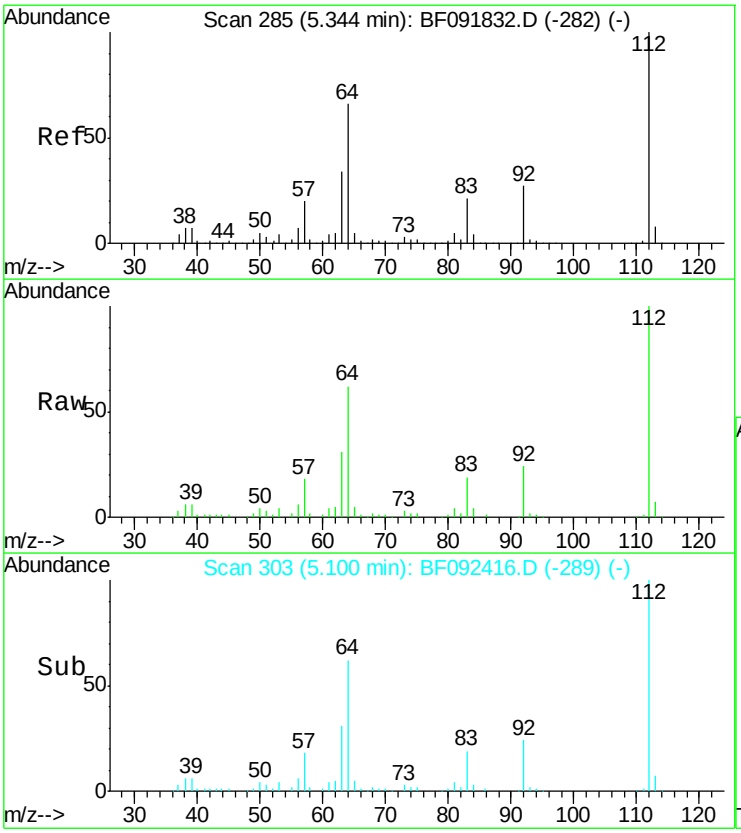
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 440
Delta R.T. 0.02 min
Lab File: BF092416.D
Acq: 21 Jan 2017 16:49

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion:152 Resp: 72482

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.9	187.3
115	67.0	46.0	69.0

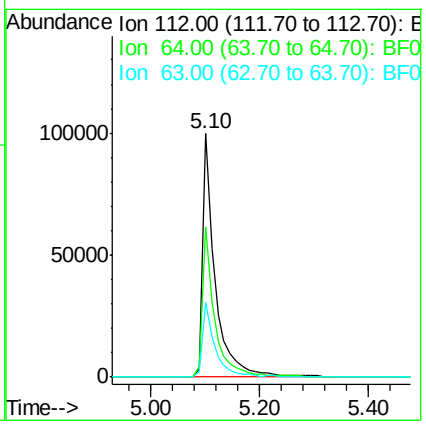


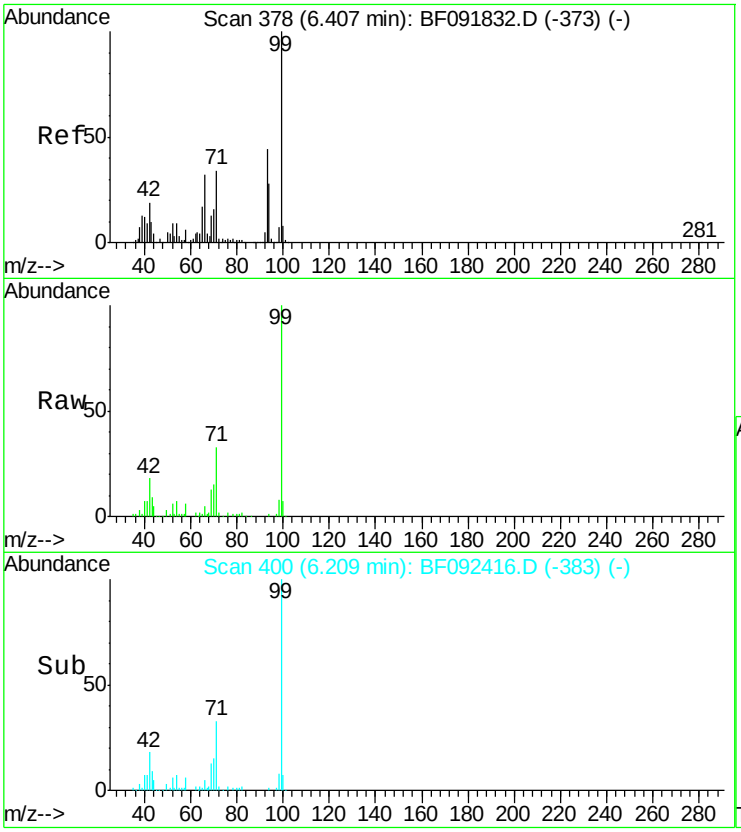


#5
2-Fluorophenol
Concen: 36.69 ng
RT: 5.10 min Scan# 303
Delta R.T. -0.14 min
Lab File: BF092416.D
Acq: 21 Jan 2017 16:49

Tgt Ion:112 Resp: 159280

Ion	Ratio	Lower	Upper
112	100		
64	61.5	46.1	69.1
63	30.5	23.8	35.6



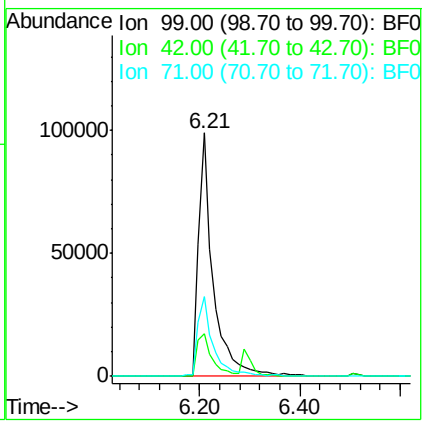


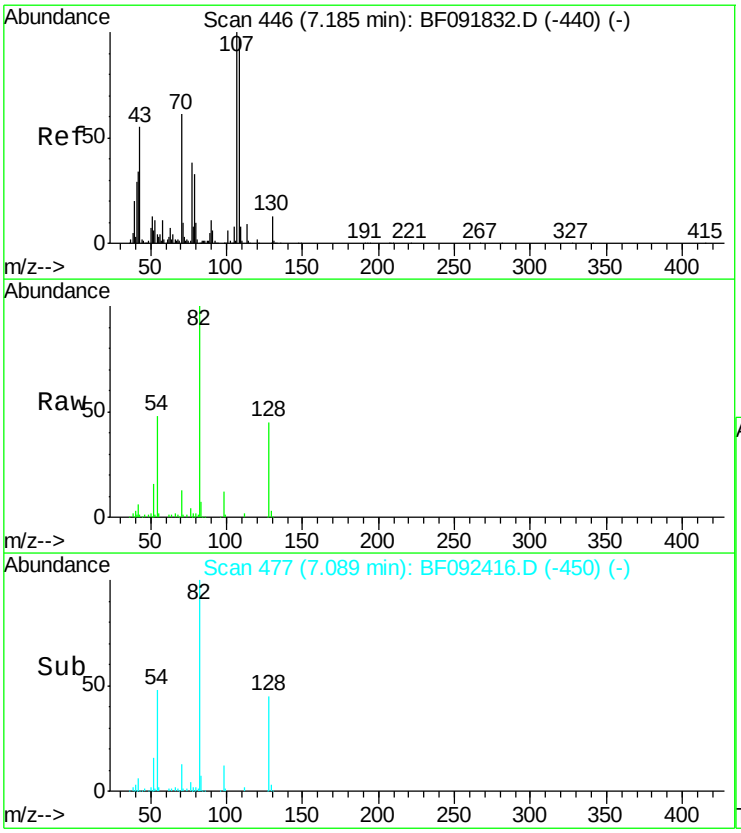
#7
Phenol-d6
Concen: 37.71 ng
RT: 6.21 min Scan# 400
Delta R.T. -0.10 min
Lab File: BF092416.D
Acq: 21 Jan 2017 16:49

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion: 99 Resp: 199865

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.6	23.4
71	32.8	27.5	41.3

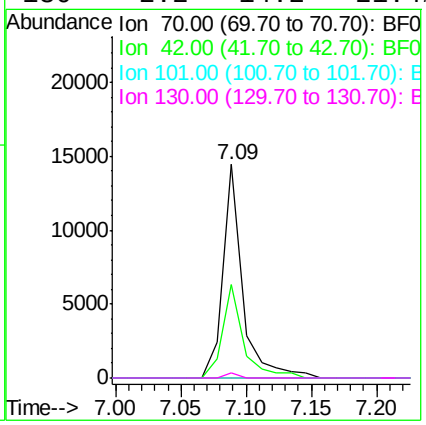


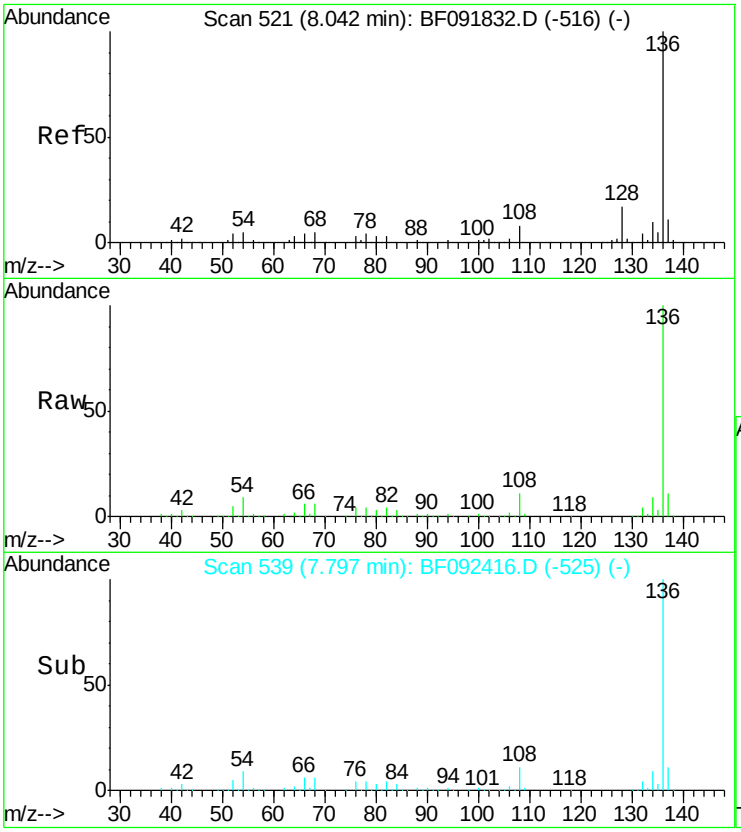


#19
n-Nitroso-di-n-propylamine
Concen: 4.32 ng
RT: 7.09 min Scan# 477
Delta R.T. 0.01 min
Lab File: BF092416.D
Acq: 21 Jan 2017 16:49

Tgt Ion: 70 Resp: 15243

Ion	Ratio	Lower	Upper
70	100		
42	44.0	49.4	74.0#
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#



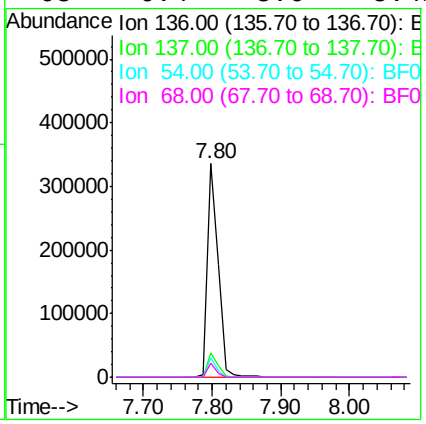


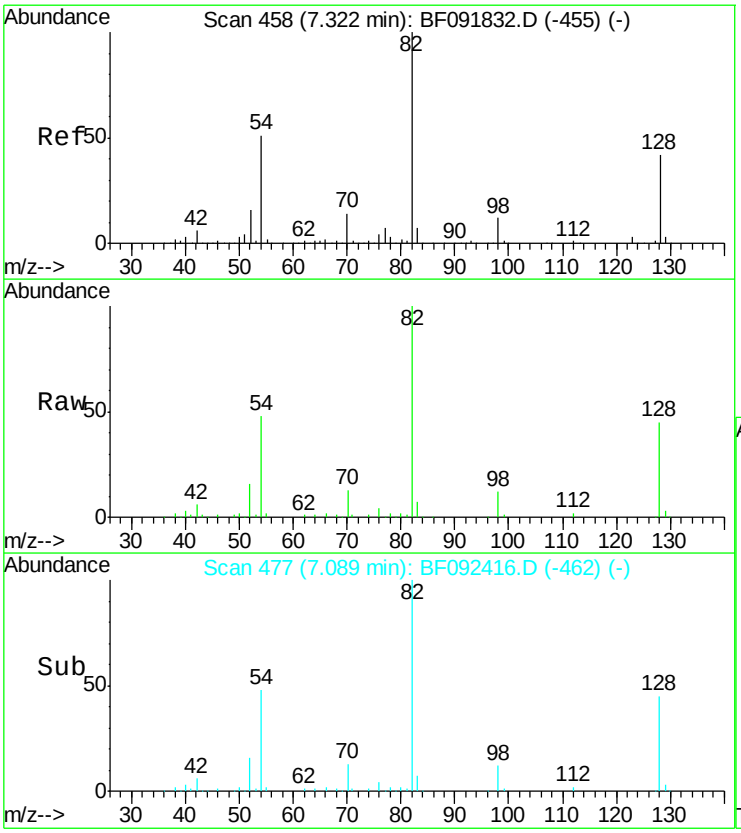
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 539
Delta R.T. -0.14 min
Lab File: BF092416.D
Acq: 21 Jan 2017 16:49

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion:136 Resp: 369731

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	9.2	4.5	6.7#
68	6.4	3.6	5.4#

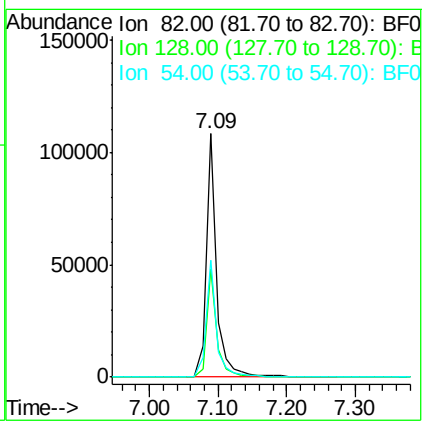


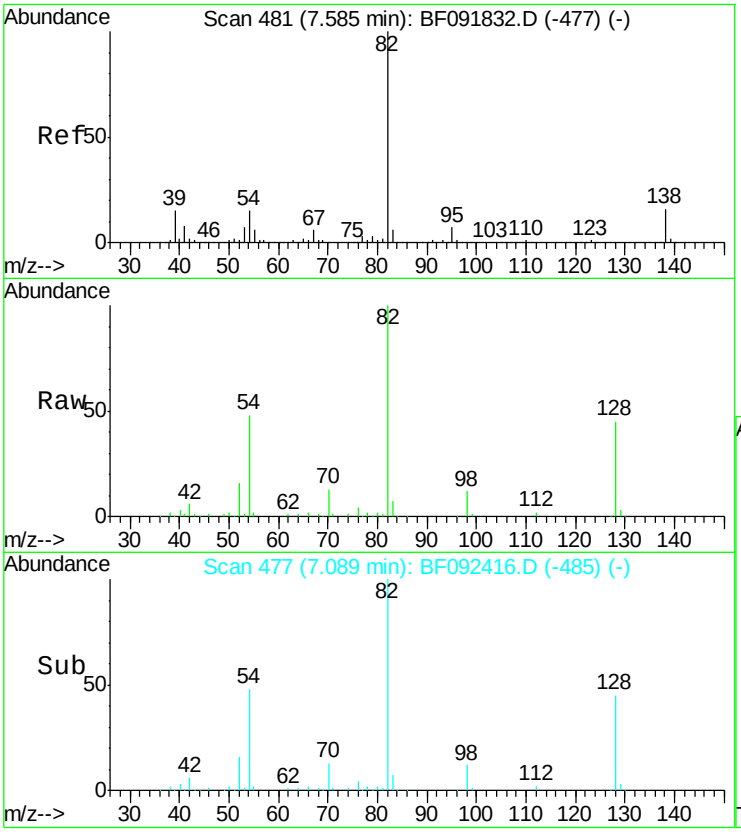


#23
Nitrobenzene-d5
Concen: 17.24 ng
RT: 7.09 min Scan# 477
Delta R.T. -0.12 min
Lab File: BF092416.D
Acq: 21 Jan 2017 16:49

Tgt Ion: 82 Resp: 114634

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.6	52.0
54	48.3	39.5	59.3



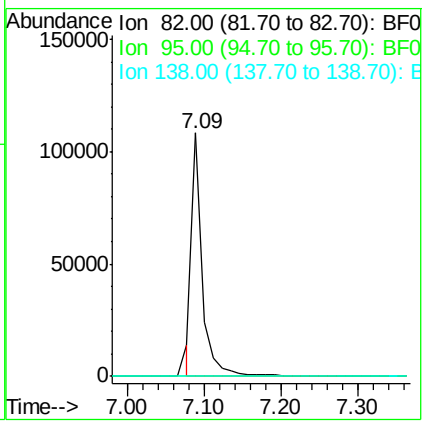


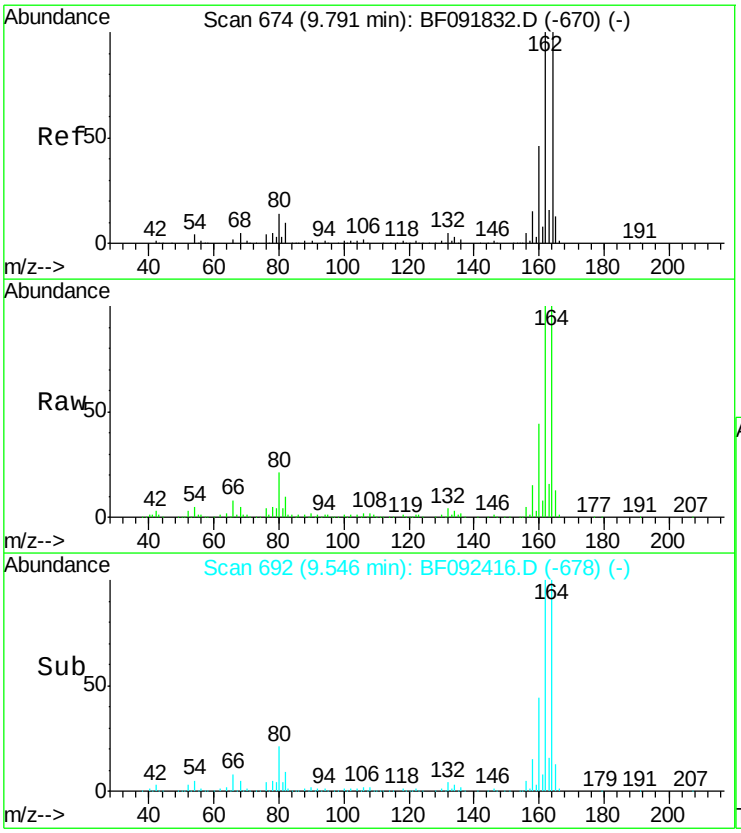
#25
Isophorone
Concen: 8.58 ng
RT: 7.09 min Scan# 477
Delta R.T. -0.39 min
Lab File: BF092416.D
Acq: 21 Jan 2017 16:49

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion: 82 Resp: 105237

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

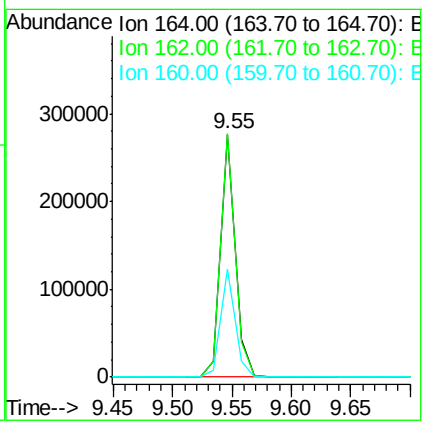


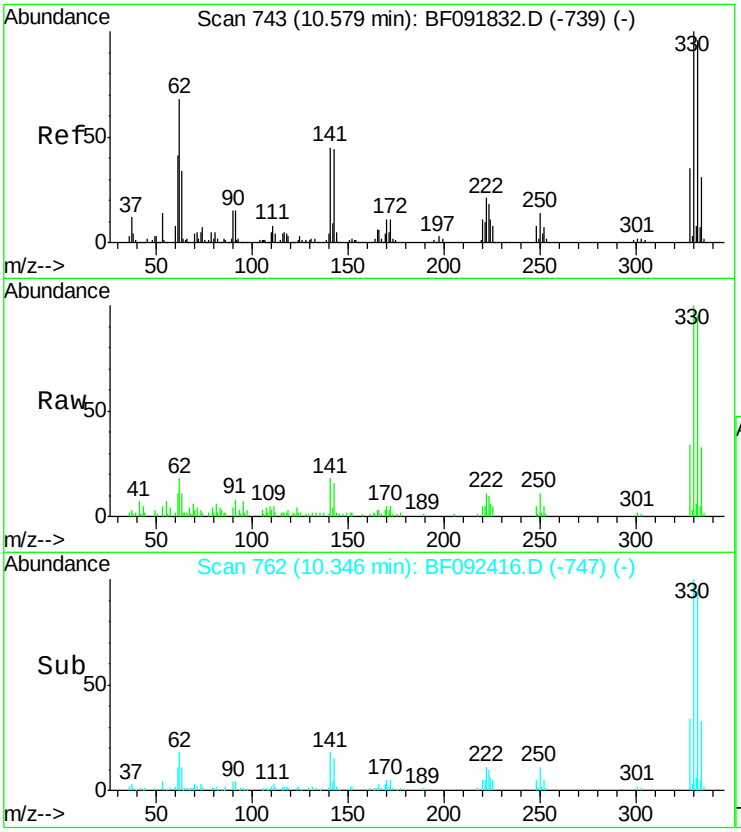


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 692
Delta R.T. -0.14 min
Lab File: BF092416.D
Acq: 21 Jan 2017 16:49

Tgt Ion:164 Resp: 232998

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.2
160	44.6	36.9	55.3



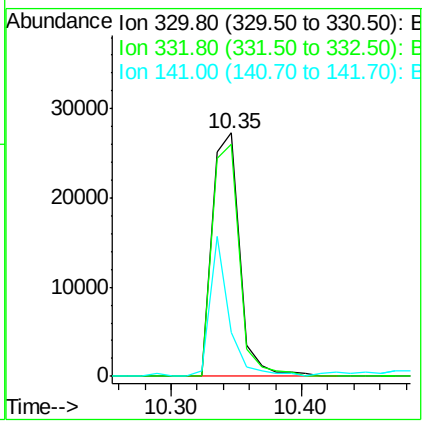


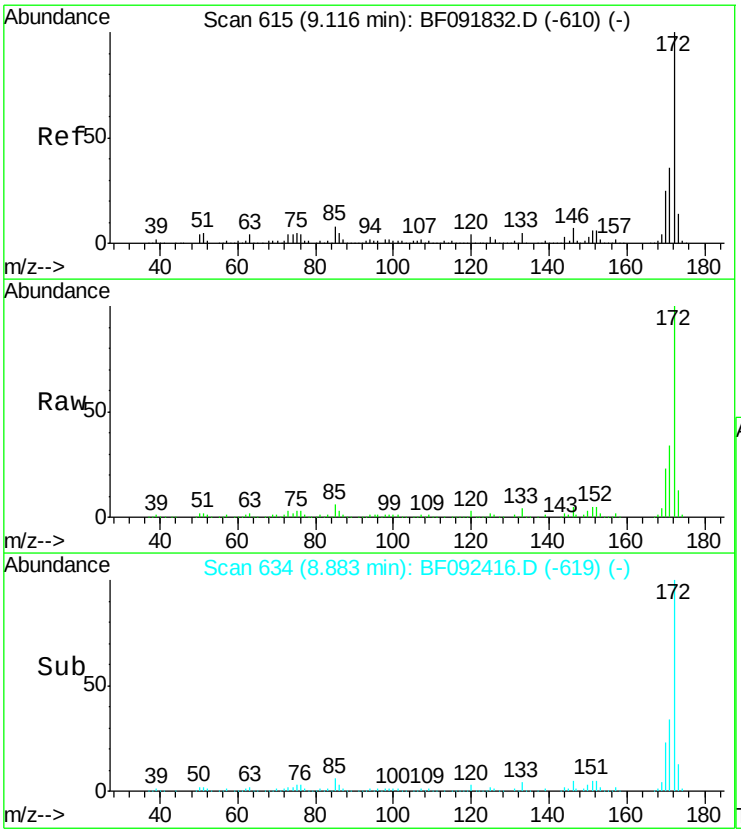
#41
2,4,6-Tribromophenol
Concen: 20.77 ng
RT: 10.35 min Scan# 762
Delta R.T. -0.12 min
Lab File: BF092416.D
Acq: 21 Jan 2017 16:49

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion:330 Resp: 40051

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.4	116.2
141	40.5	34.1	51.1

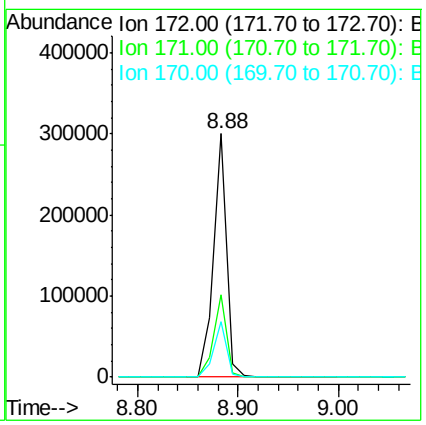


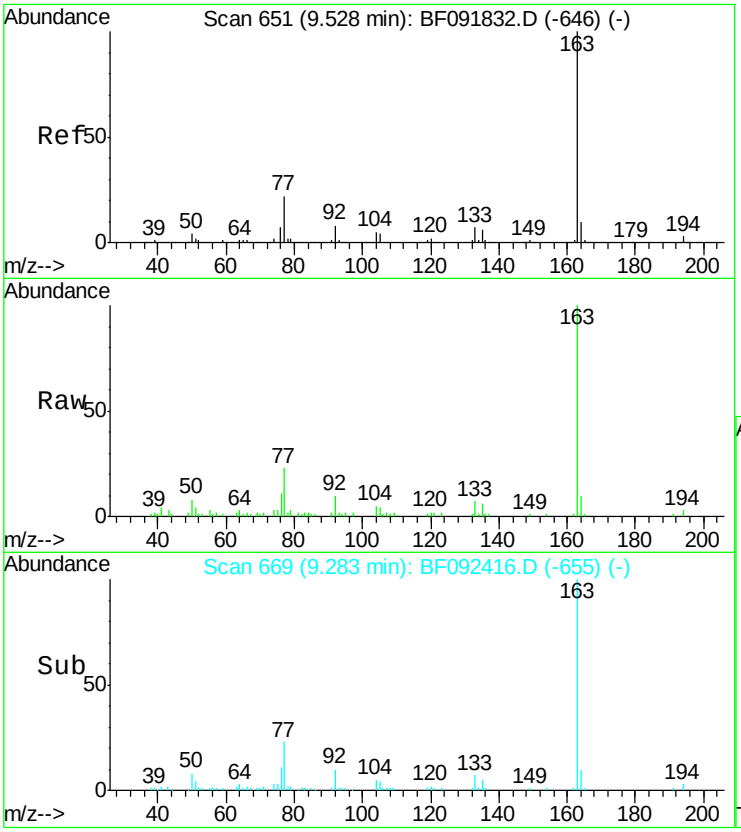


#44
2-Fluorobiphenyl
Concen: 12.98 ng
RT: 8.88 min Scan# 634
Delta R.T. -0.12 min
Lab File: BF092416.D
Acq: 21 Jan 2017 16:49

Tgt Ion:172 Resp: 271854

Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.4	44.0
170	22.8	20.2	30.4



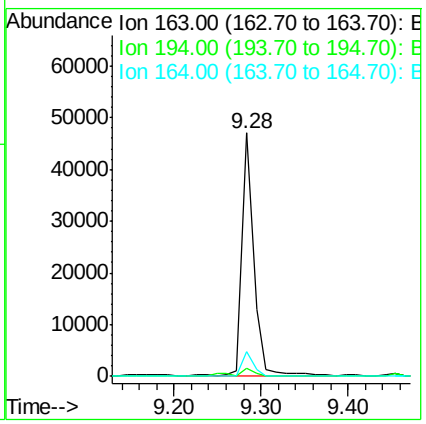


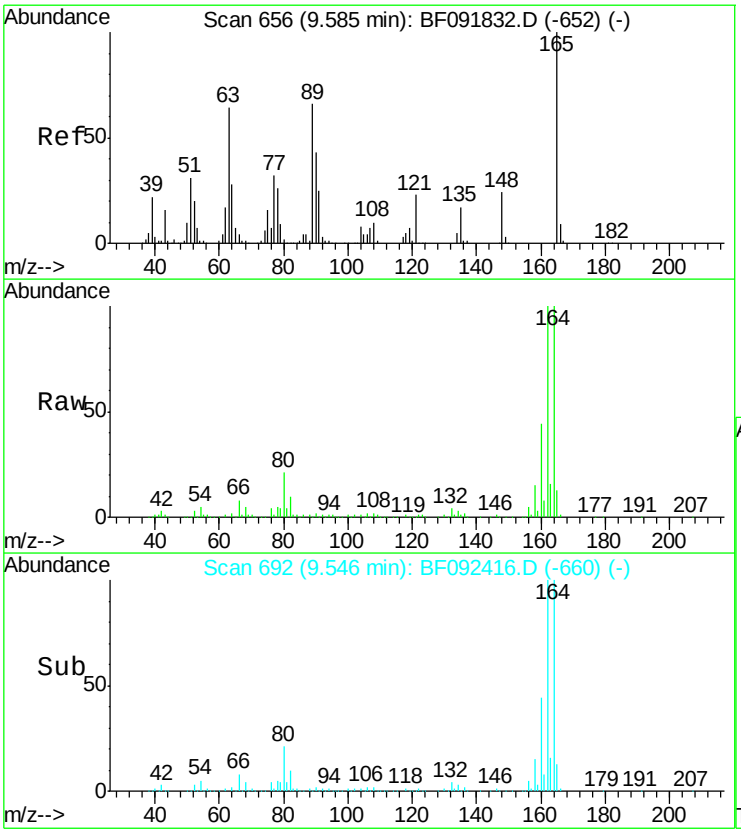
#49
Dimethylphthalate
Concen: 3.07 ng
RT: 9.28 min Scan# 669
Delta R.T. -0.14 min
Lab File: BF092416.D
Acq: 21 Jan 2017 16:49

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion:163 Resp: 45725

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.0	8.0	12.0

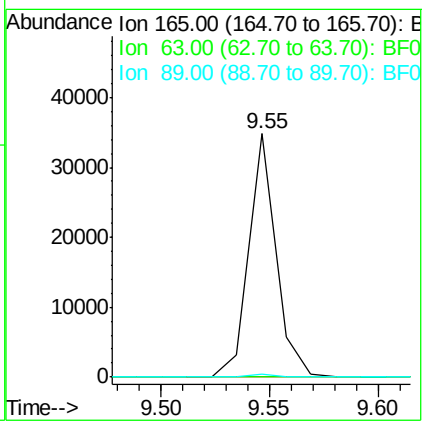


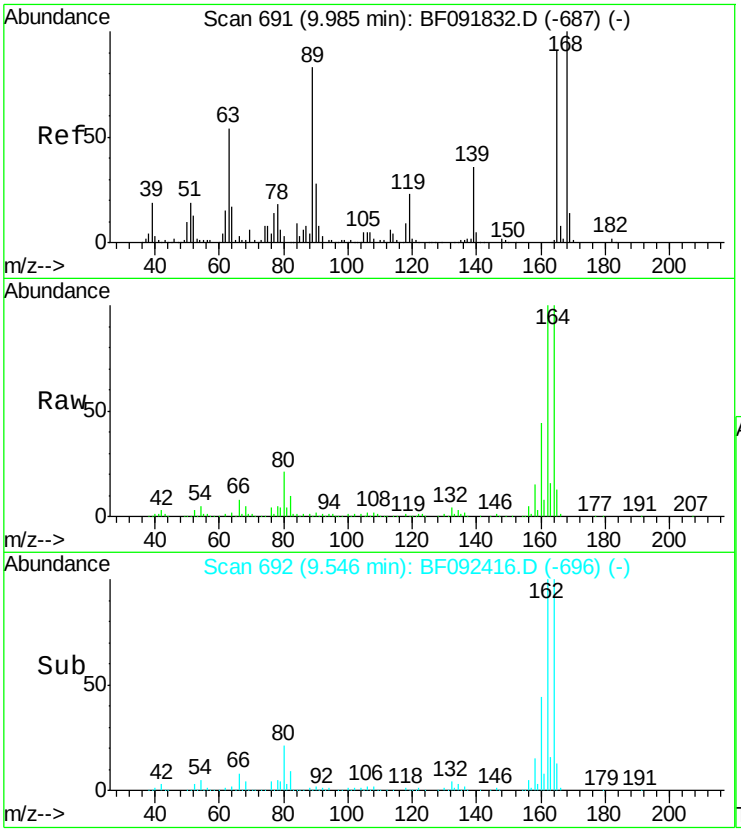


#50
2,6-Dinitrotoluene
Concen: 9.29 ng
RT: 9.55 min Scan# 692
Delta R.T. 0.07 min
Lab File: BF092416.D
Acq: 21 Jan 2017 16:49

Tgt Ion:165 Resp: 30306

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



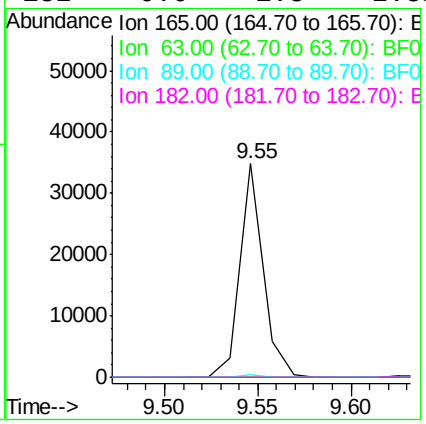


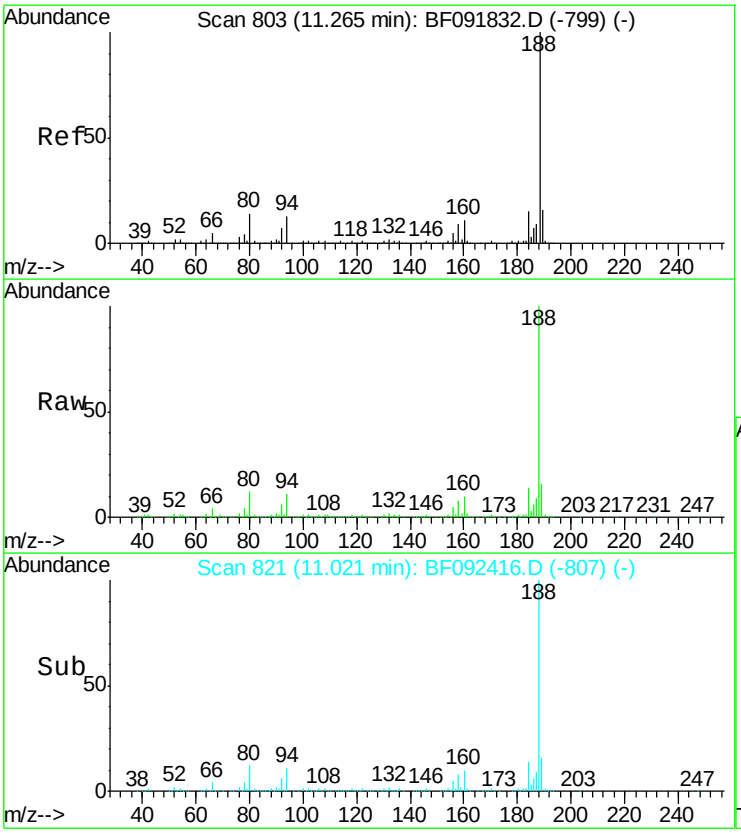
#56
2,4-Dinitrotoluene
Concen: 7.40 ng
RT: 9.55 min Scan# 692
Delta R.T. -0.34 min
Lab File: BF092416.D
Acq: 21 Jan 2017 16:49

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion:165 Resp: 30307

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

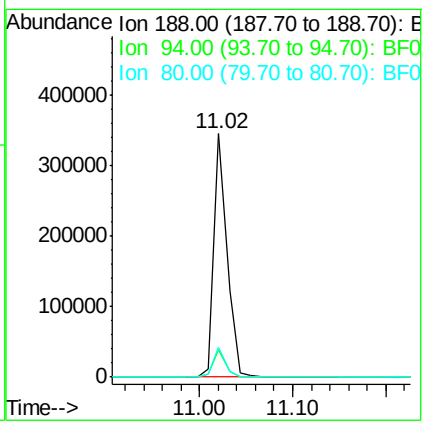


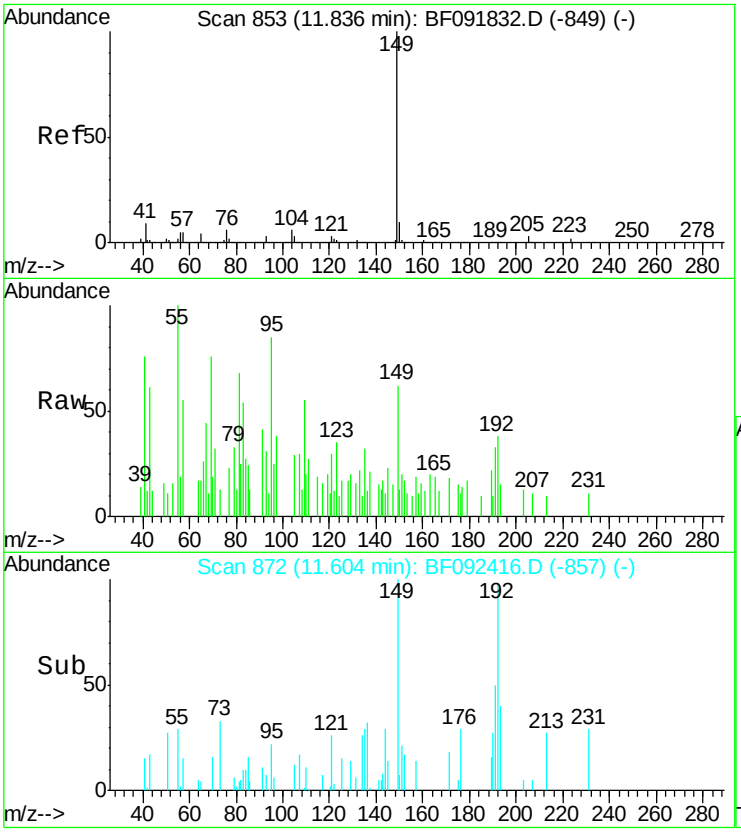


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 821
Delta R.T. -0.14 min
Lab File: BF092416.D
Acq: 21 Jan 2017 16:49

Tgt Ion:188 Resp: 336069

Ion	Ratio	Lower	Upper
188	100		
94	11.4	10.0	15.0
80	12.3	11.2	16.8



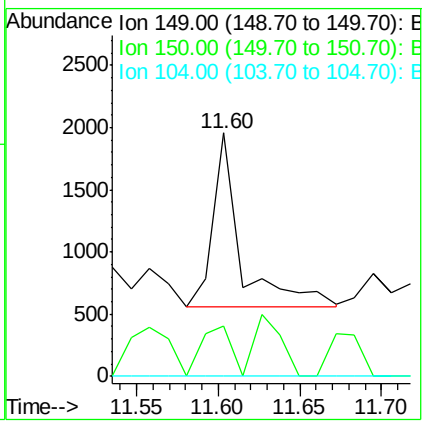


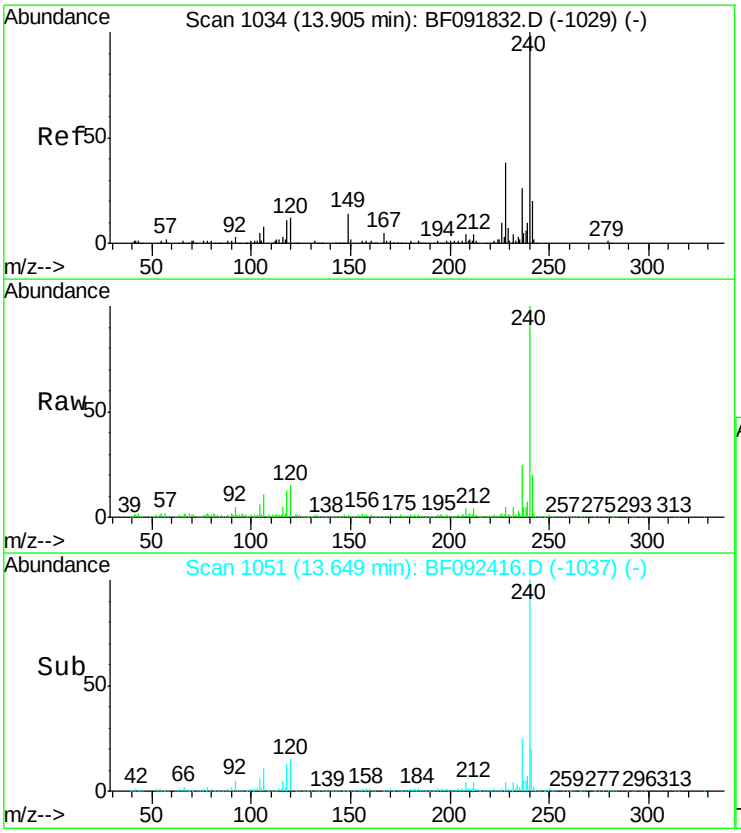
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.60 min Scan# 872
Delta R.T. -0.12 min
Lab File: BF092416.D
Acq: 21 Jan 2017 16:49

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion:149 Resp: 1631

Ion	Ratio	Lower	Upper
149	100		
150	20.5	8.1	12.1#
104	0.0	4.6	7.0#

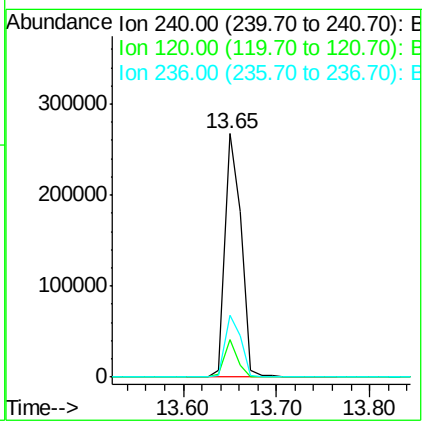


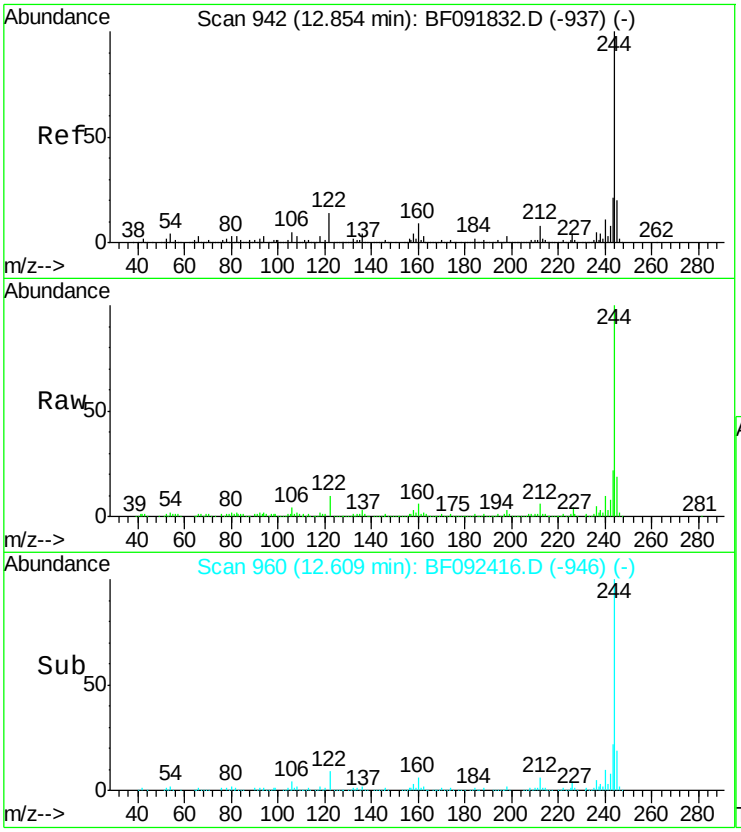


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.65 min Scan# 1051
Delta R.T. -0.14 min
Lab File: BF092416.D
Acq: 21 Jan 2017 16:49

Tgt Ion:240 Resp: 323794

Ion	Ratio	Lower	Upper
240	100		
120	15.5	12.9	19.3
236	25.2	20.9	31.3



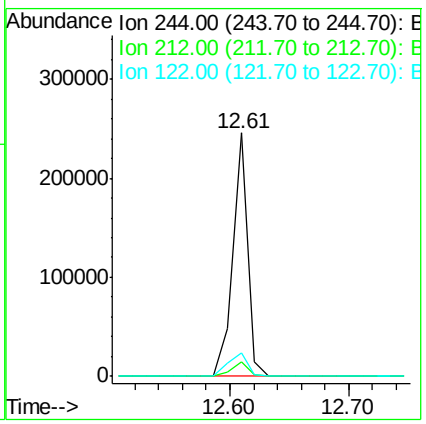


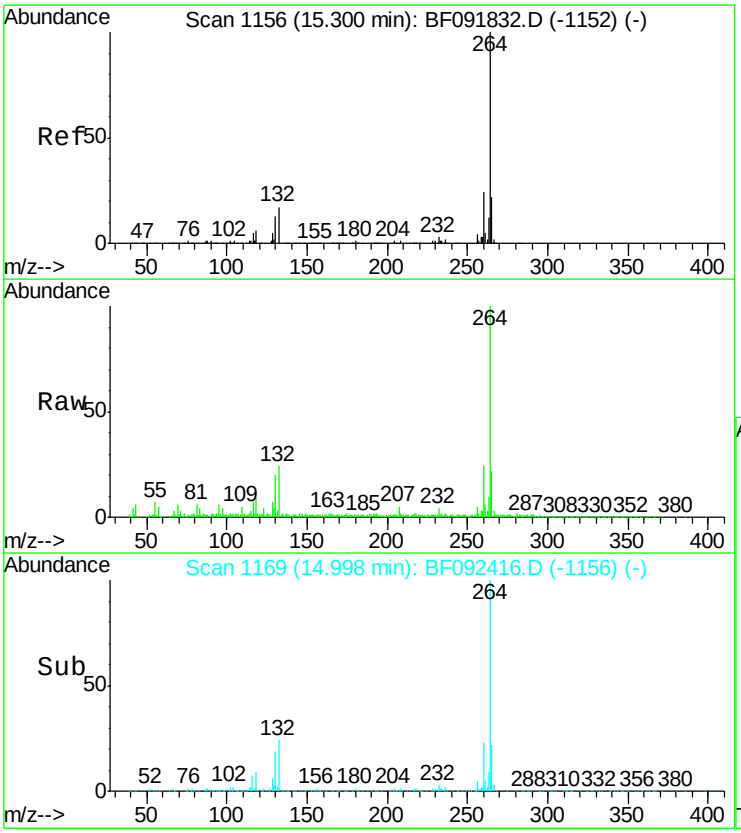
#78
Terphenyl-d14
Concen: 16.01 ng
RT: 12.61 min Scan# 960
Delta R.T. -0.14 min
Lab File: BF092416.D
Acq: 21 Jan 2017 16:49

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion:244 Resp: 213687

Ion	Ratio	Lower	Upper
244	100		
212	6.1	6.2	9.2#
122	9.7	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.00 min Scan# 1169
Delta R.T. -0.15 min
Lab File: BF092416.D
Acq: 21 Jan 2017 16:49

Tgt Ion:264 Resp: 247455

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.3	17.4	26.0