Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012117\
Data File : BF092411.D
Acq On : 21 Jan 2017 14:25
Operator : UM/SJ
Sample : I1266-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB-1-MANHATTANVILLE-11717

Quant Time: Jan 23 00:41:26 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	521815	20.00	ng	0.02
21) Naphthalene-d8	7.80	136	516192	20.00	ng	-0.14
38) Acenaphthene-d10	9.55	164	414807	20.00	ng	-0.14
63) Phenanthrene-d10	11.02	188	662266	20.00	ng	-0.14
75) Chrysene-d12	13.65	240	527857	20.00	ng	-0.14
86) Perylene-d12	15.00	264	402982	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	532431	17.04	ng	-0.14
7) Phenol-d6	6.19	99	474743	12.44	ng	-0.12
23) Nitrobenzene-d5	7.09	82	953200	102.68	ng	-0.12
41) 2,4,6-Tribromophenol	10.35	330	503164	146.57	ng	-0.12
44) 2-Fluorobiphenyl	8.88	172	2030576	103.04	ng	-0.12
78) Terphenyl-d14	12.62	244	2209390	101.51	ng	-0.12
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.09	70	129559	5.10	ng	# 78
25) Isophorone	7.09	82	742387	43.35	ng	# 65
50) 2,6-Dinitrotoluene	9.55	165	53476	9.21	ng	# 30
56) 2,4-Dinitrotoluene	9.55	165	53467	7.34	ng	# 19
66) 4-Bromophenyl-phenylether	10.35	248	30225	4.39	ng	# 1
71) Anthracene	11.02	178	206	Below Cal		# 1
73) Di-n-butylphthalate	11.60	149	3693	Below Cal		# 90
76) Benzidine	12.61	184	29593	Below Cal		98

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

Quantitation Report (Not Reviewed)

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Acq On : 21 Jan 2017 14:25
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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FB-1-MANHATTANVILLE-11717

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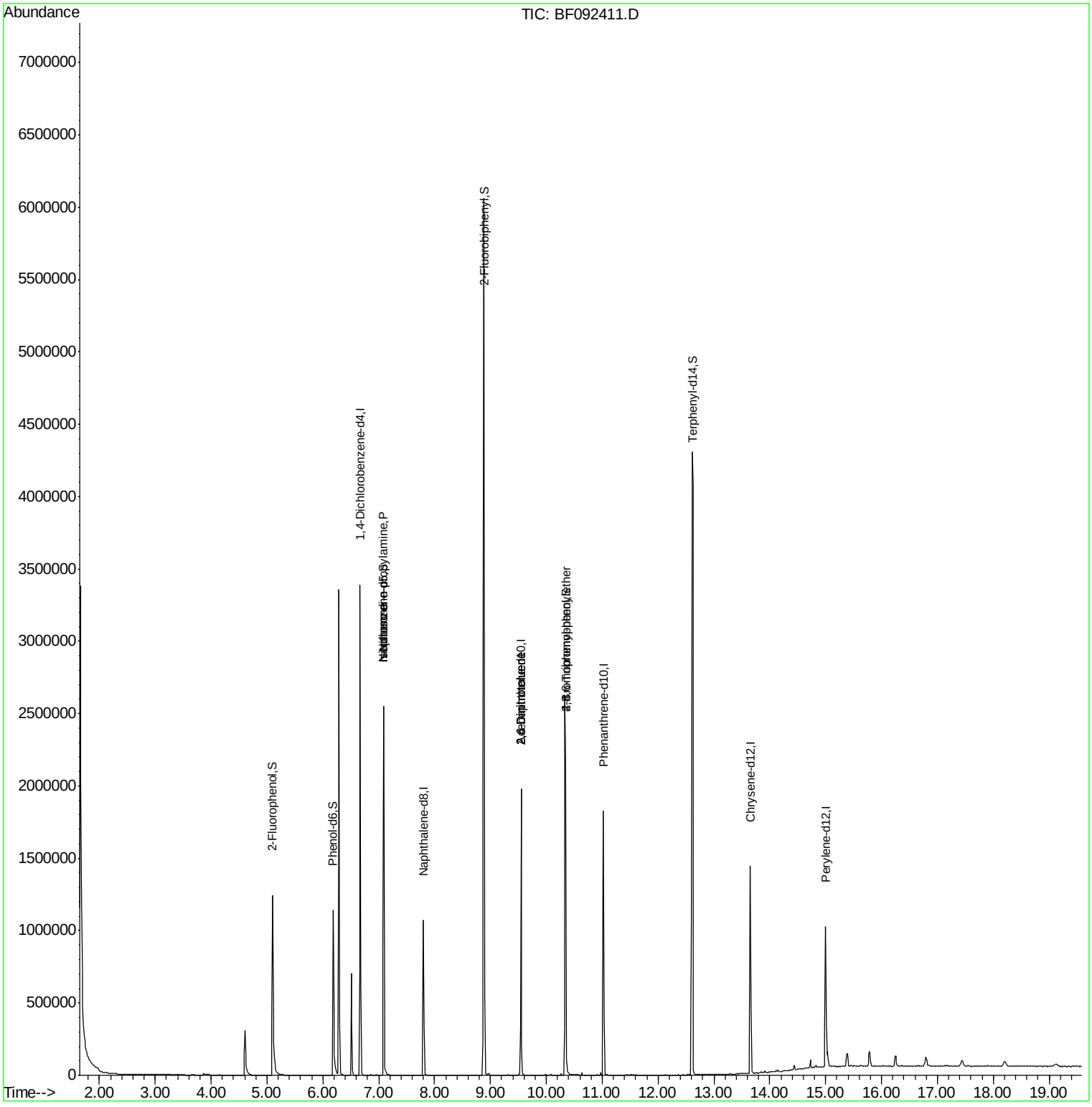
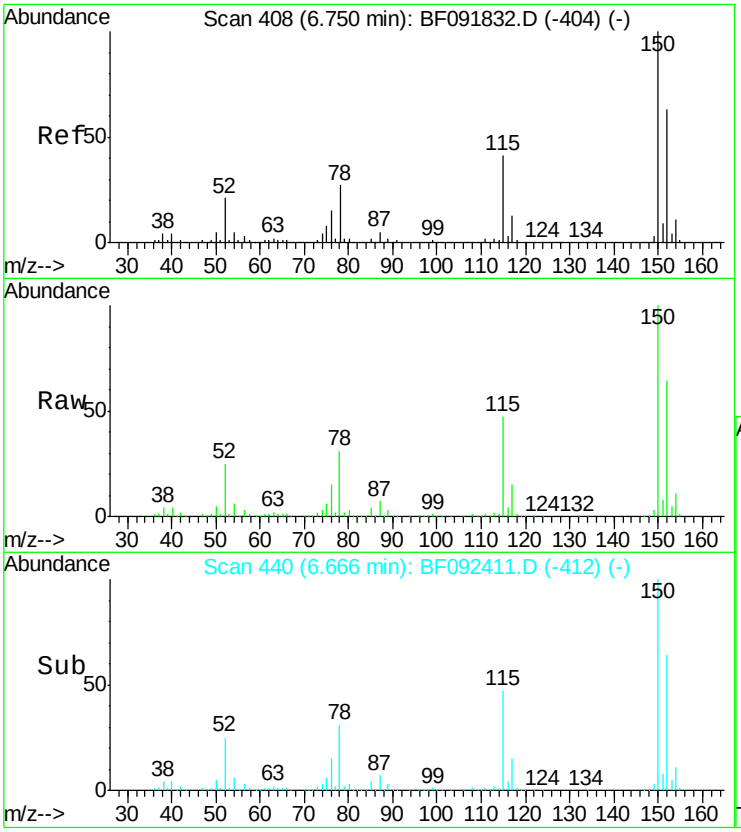


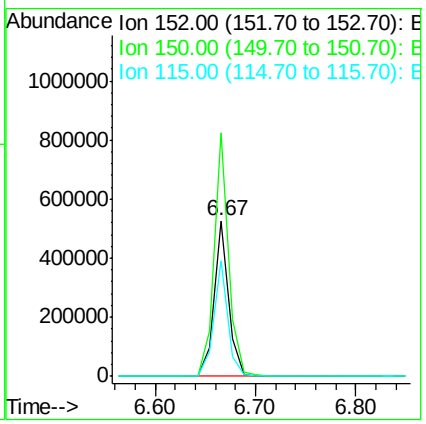


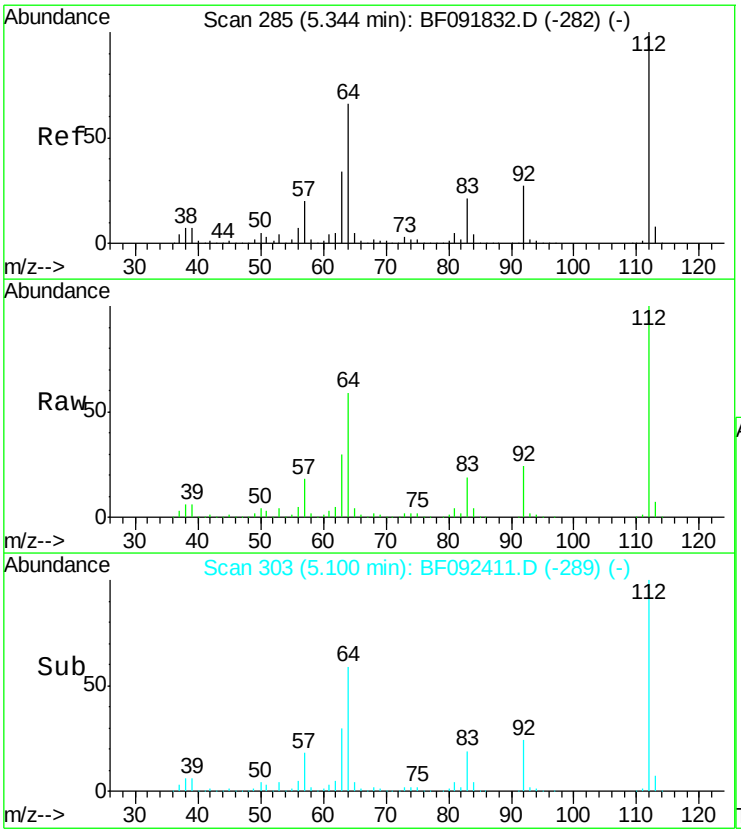
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 440
Delta R.T. 0.02 min
Lab File: BF092411.D
Acq: 21 Jan 2017 14:25

Instrument :
BNA_F
ClientSampleId :
FB-1-MANHATTANVILLE-11717

Tgt Ion:152 Resp: 521815

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.9	187.3
115	74.1	46.0	69.0#

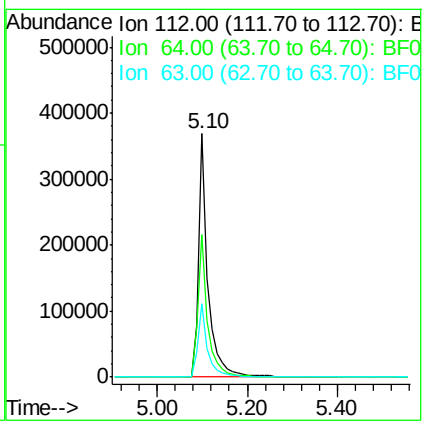


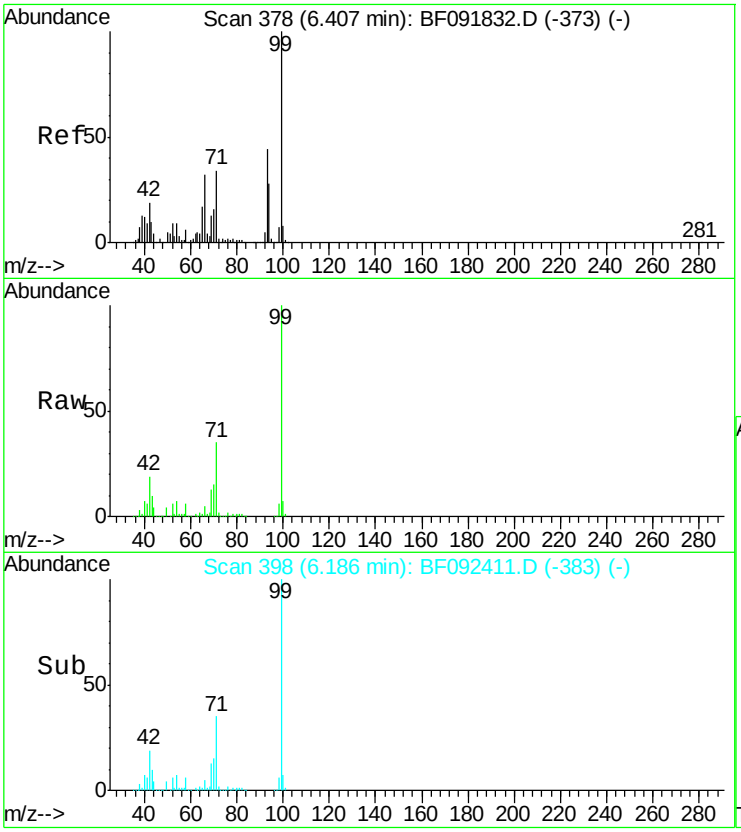


#5
2-Fluorophenol
Concen: 17.04 ng
RT: 5.10 min Scan# 303
Delta R.T. -0.14 min
Lab File: BF092411.D
Acq: 21 Jan 2017 14:25

Tgt Ion:112 Resp: 532431

Ion	Ratio	Lower	Upper
112	100		
64	58.6	46.1	69.1
63	30.0	23.8	35.6



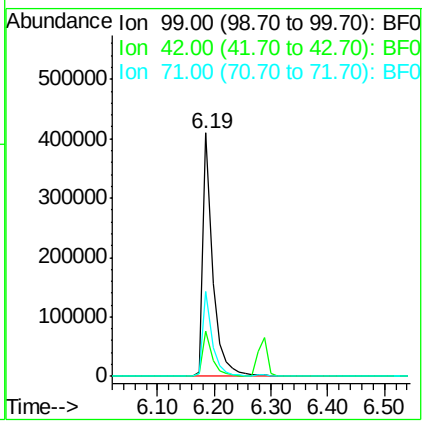


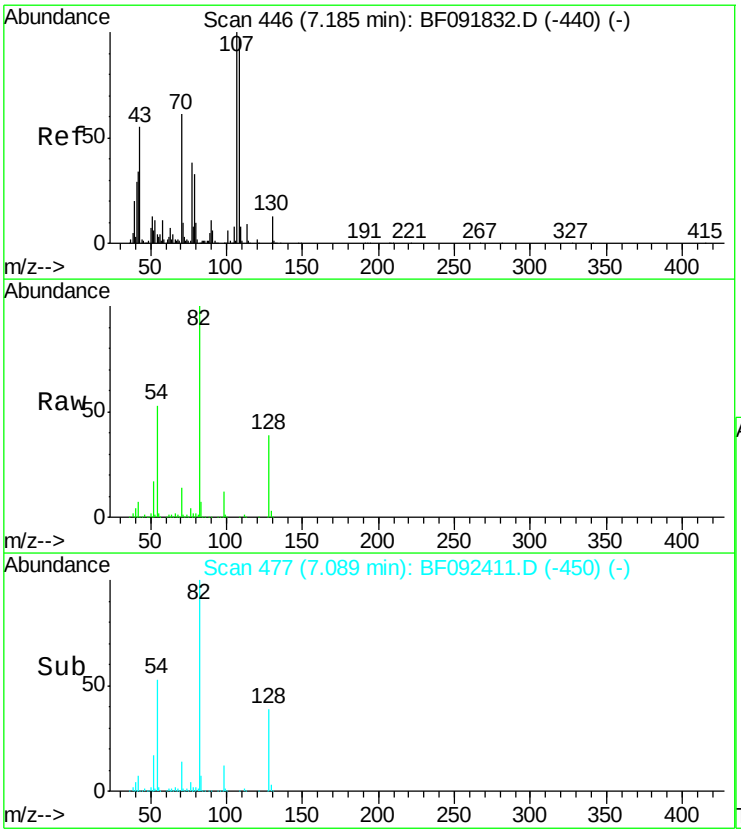
#7
Phenol-d6
Concen: 12.44 ng
RT: 6.19 min Scan# 398
Delta R.T. -0.12 min
Lab File: BF092411.D
Acq: 21 Jan 2017 14:25

Instrument :
BNA_F
ClientSampleId :
FB-1-MANHATTANVILLE-11717

Tgt Ion: 99 Resp: 474743

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.6	23.4
71	34.9	27.5	41.3

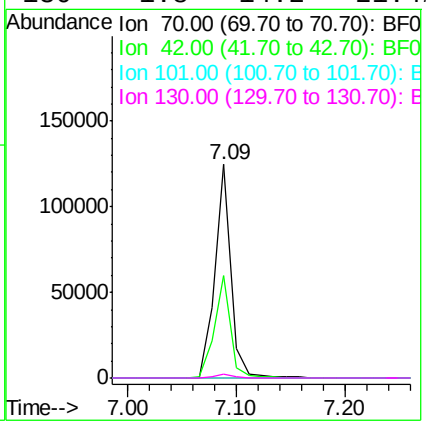


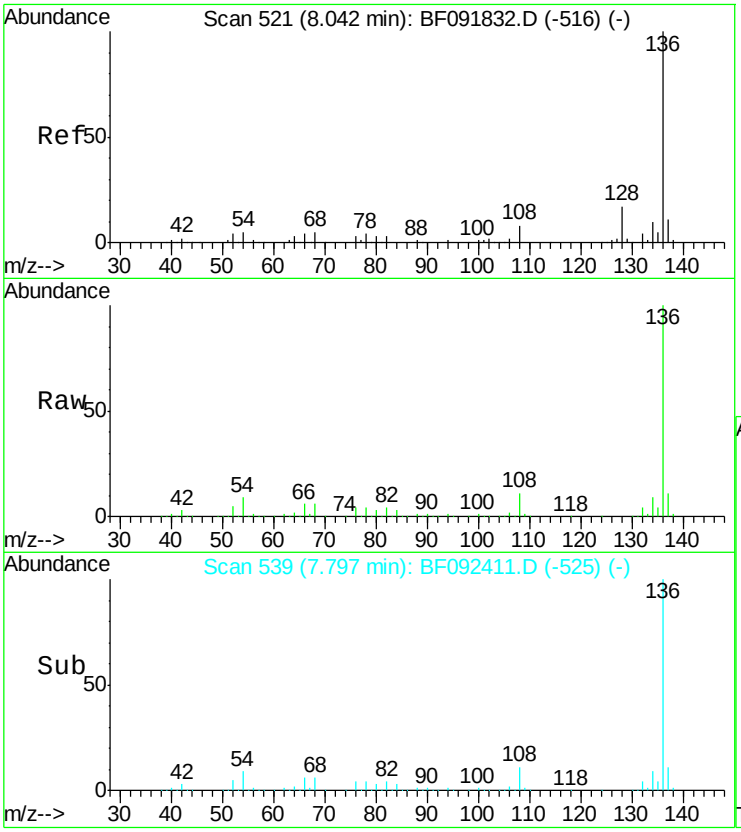


#19
n-Nitroso-di-n-propylamine
Concen: 5.10 ng
RT: 7.09 min Scan# 477
Delta R.T. 0.01 min
Lab File: BF092411.D
Acq: 21 Jan 2017 14:25

Tgt Ion: 70 Resp: 129559

Ion	Ratio	Lower	Upper
70	100		
42	48.1	49.4	74.0#
101	0.0	7.4	11.2#
130	1.8	14.2	21.4#



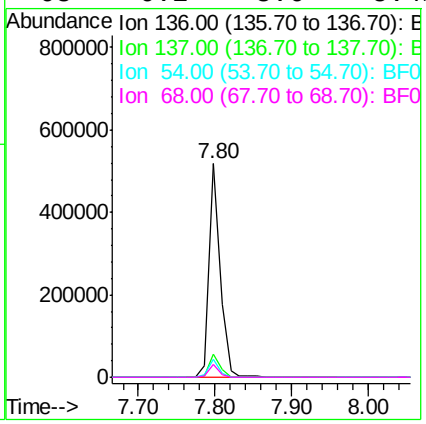


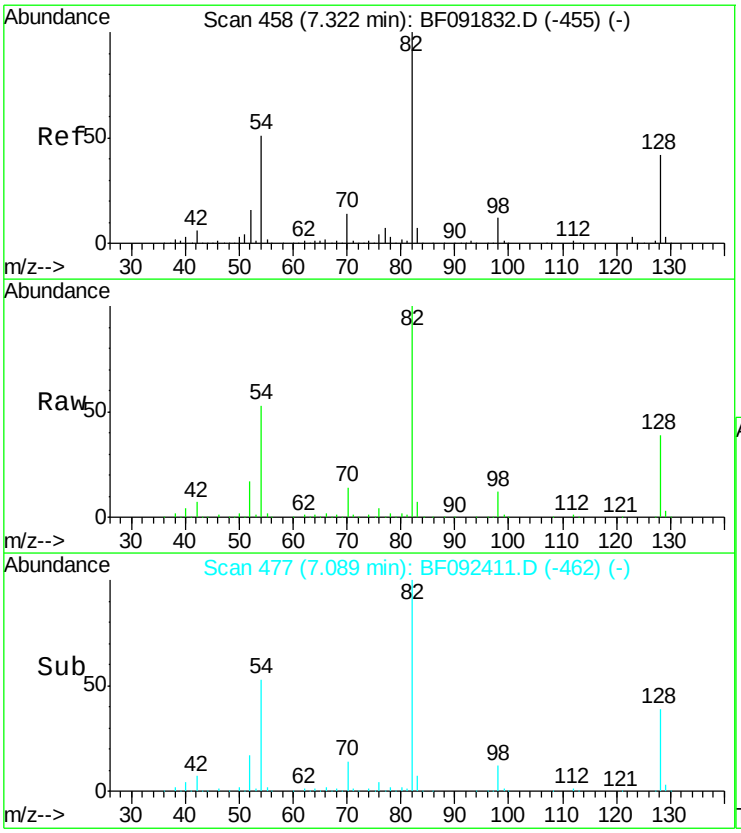
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 539
Delta R.T. -0.14 min
Lab File: BF092411.D
Acq: 21 Jan 2017 14:25

Instrument :
BNA_F
ClientSampleId :
FB-1-MANHATTANVILLE-11717

Tgt Ion:136 Resp: 516192

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	8.7	4.5	6.7#
68	6.2	3.6	5.4#

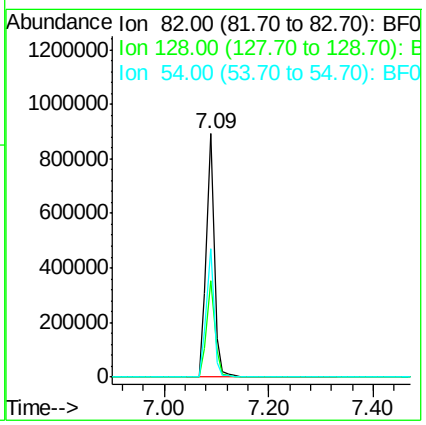


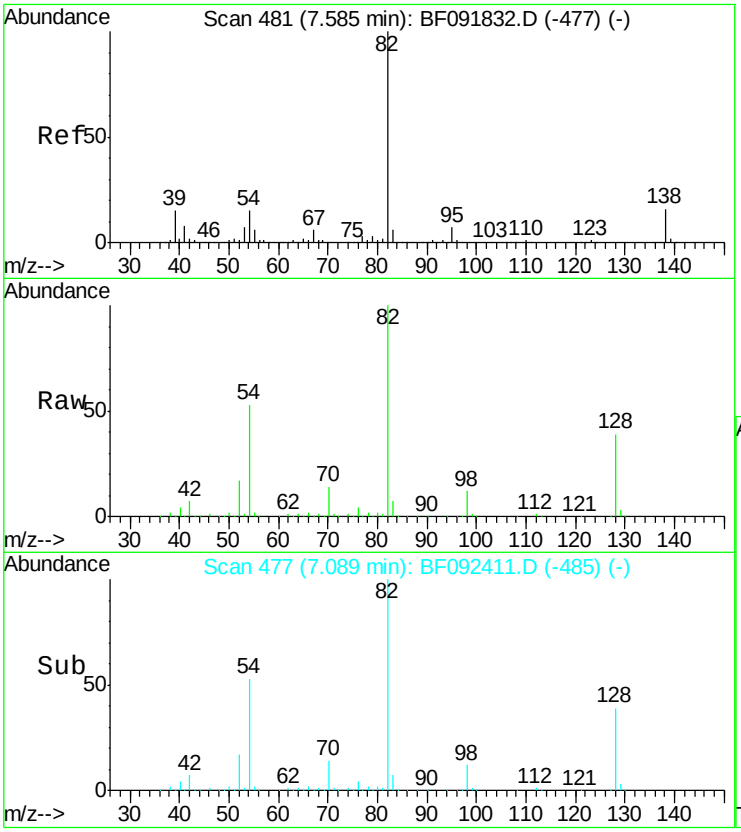


#23
Nitrobenzene-d5
Concen: 102.68 ng
RT: 7.09 min Scan# 477
Delta R.T. -0.12 min
Lab File: BF092411.D
Acq: 21 Jan 2017 14:25

Tgt Ion: 82 Resp: 953200

Ion	Ratio	Lower	Upper
82	100		
128	39.4	34.6	52.0
54	53.0	39.5	59.3



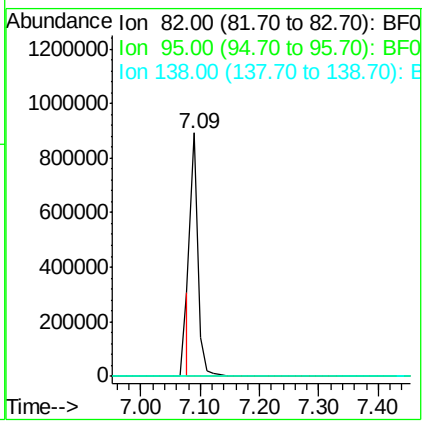


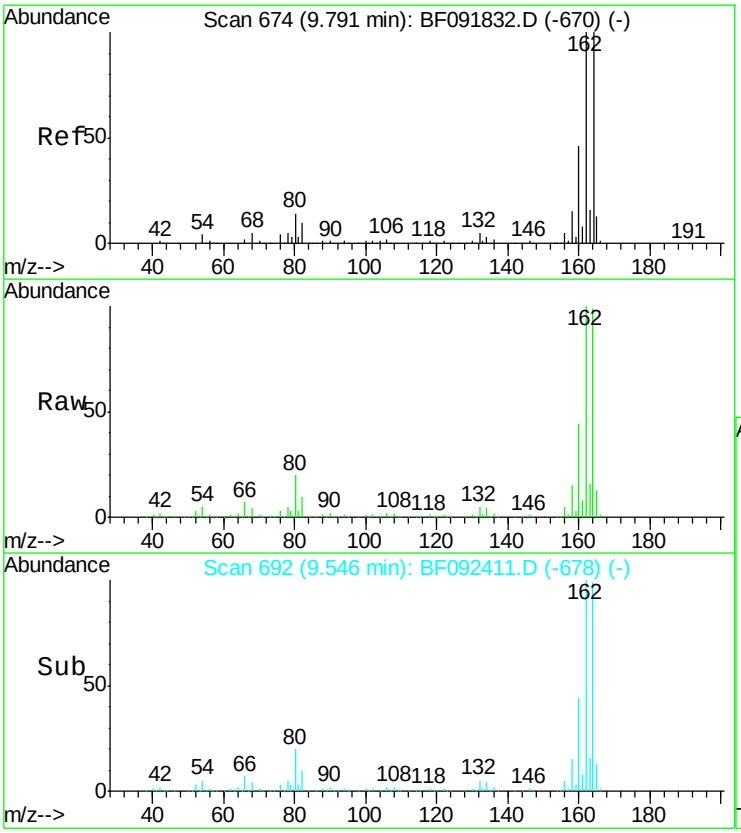
#25
Isophorone
Concen: 43.35 ng
RT: 7.09 min Scan# 477
Delta R.T. -0.39 min
Lab File: BF092411.D
Acq: 21 Jan 2017 14:25

Instrument :
BNA_F
ClientSampleId :
FB-1-MANHATTANVILLE-11717

Tgt Ion: 82 Resp: 742387

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

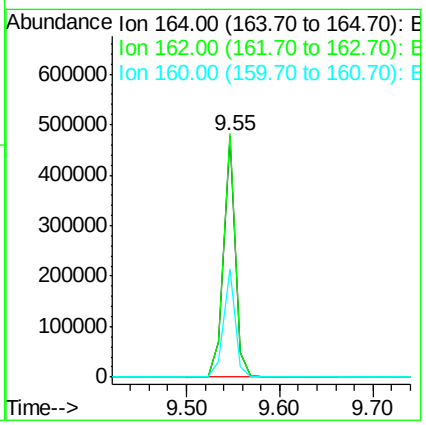


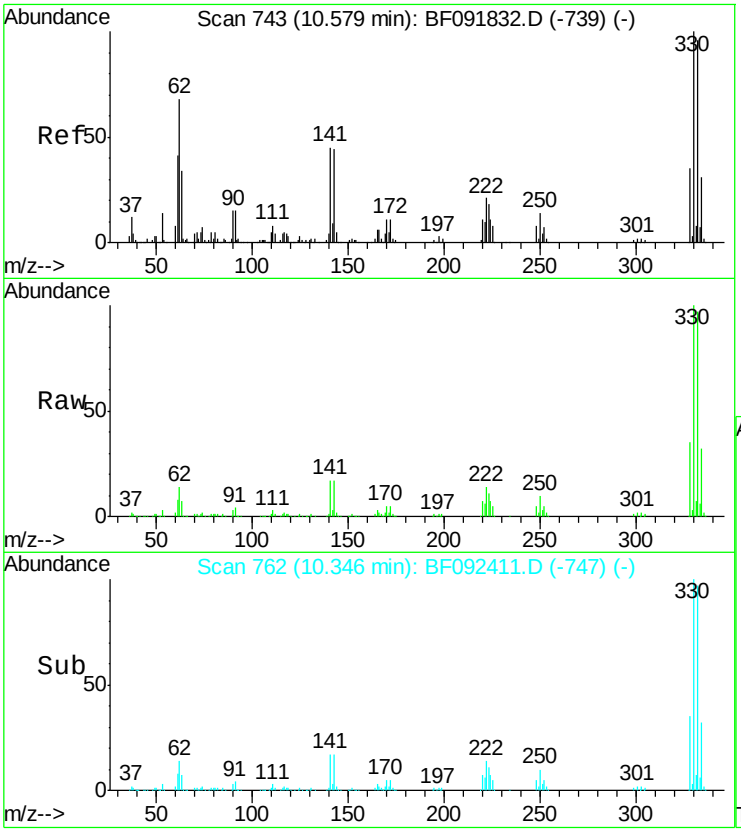


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 692
Delta R.T. -0.14 min
Lab File: BF092411.D
Acq: 21 Jan 2017 14:25

Tgt Ion:164 Resp: 414807

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.2	120.2
160	44.7	36.9	55.3



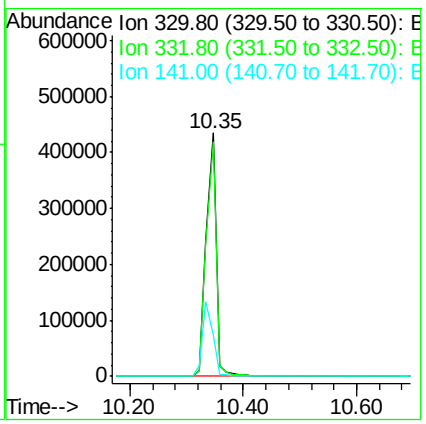


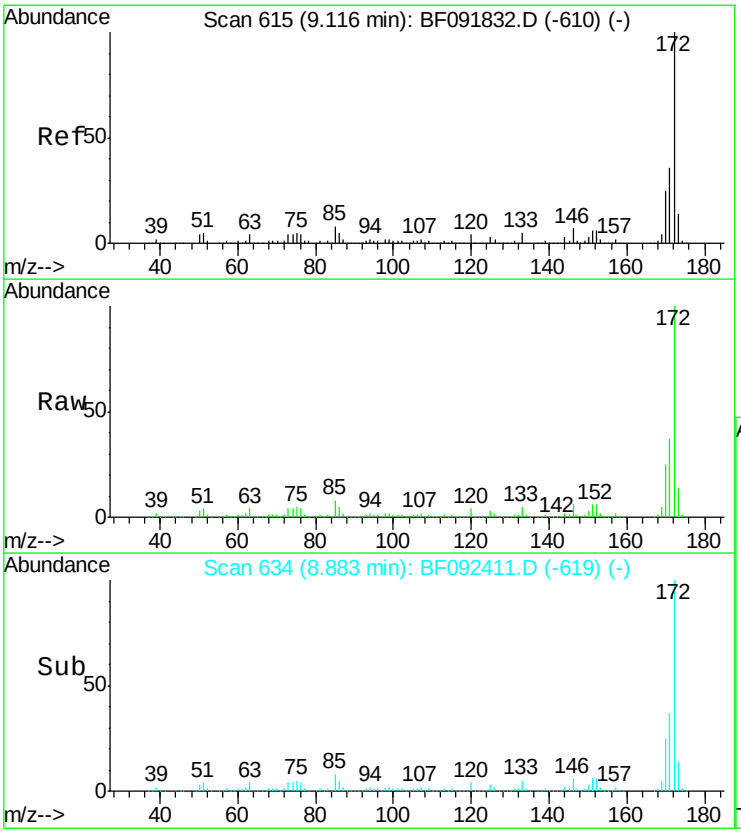
#41
2,4,6-Tribromophenol
Concen: 146.57 ng
RT: 10.35 min Scan# 762
Delta R.T. -0.12 min
Lab File: BF092411.D
Acq: 21 Jan 2017 14:25

Instrument :
BNA_F
ClientSampleId :
FB-1-MANHATTANVILLE-11717

Tgt Ion:330 Resp: 503164

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	32.4	34.1	51.1#

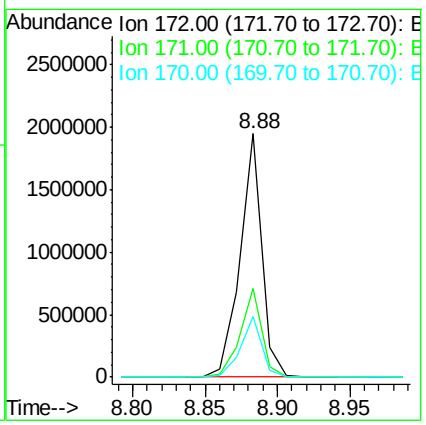


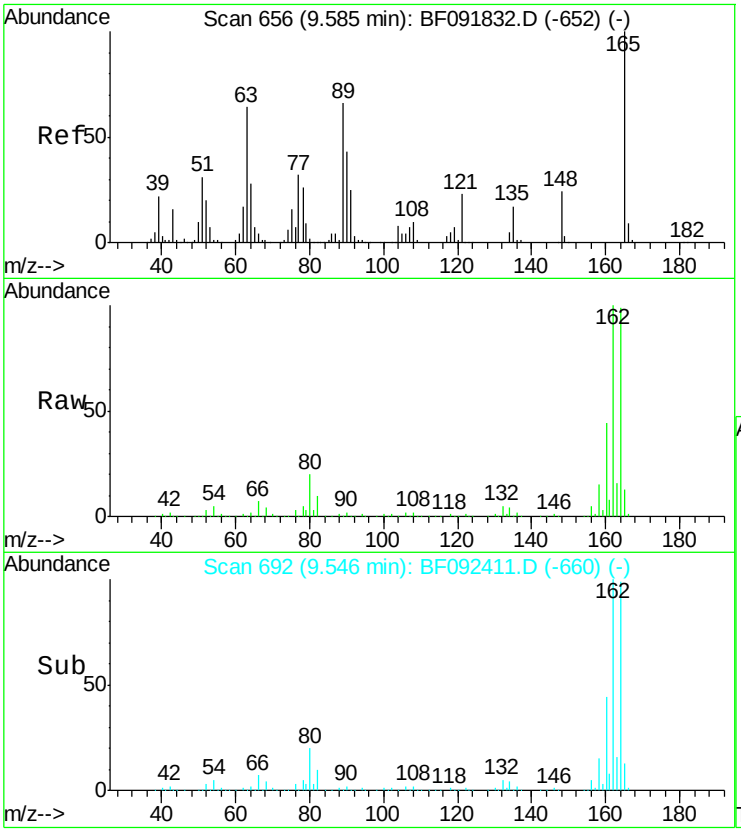


#44
2-Fluorobiphenyl
Concen: 103.04 ng
RT: 8.88 min Scan# 634
Delta R.T. -0.12 min
Lab File: BF092411.D
Acq: 21 Jan 2017 14:25

Tgt Ion:172 Resp: 2030576

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.7	20.2	30.4



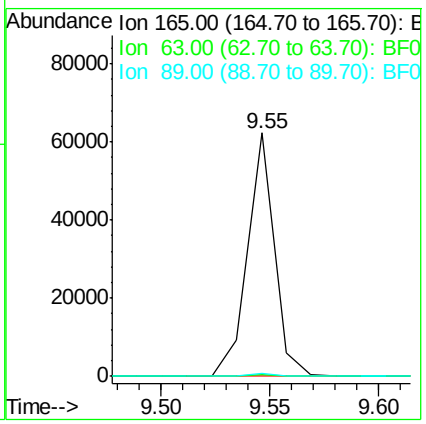


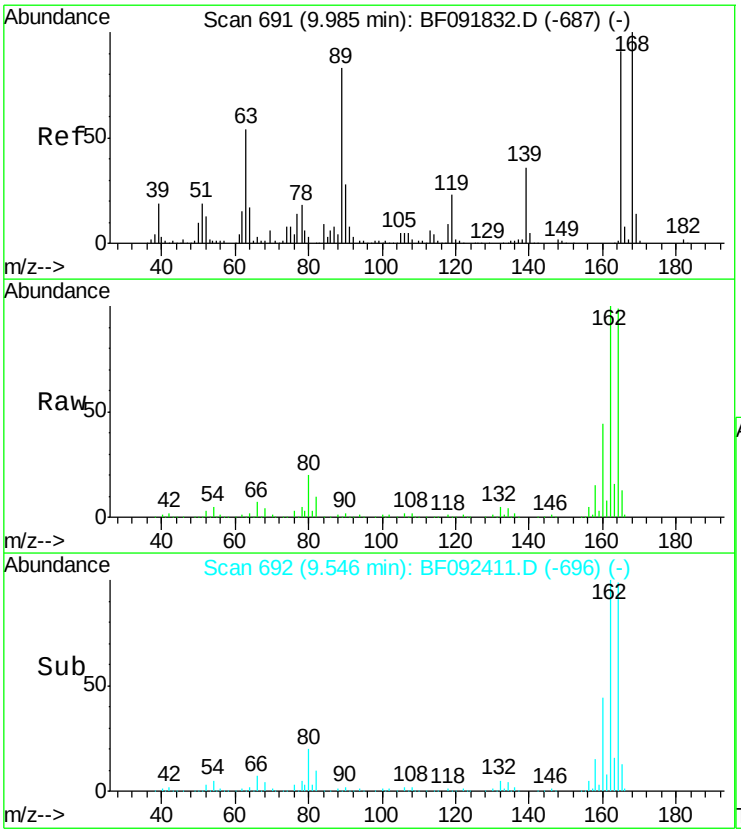
#50
2,6-Dinitrotoluene
Concen: 9.21 ng
RT: 9.55 min Scan# 692
Delta R.T. 0.07 min
Lab File: BF092411.D
Acq: 21 Jan 2017 14:25

Instrument :
BNA_F
ClientSampleId :
FB-1-MANHATTANVILLE-11717

Tgt Ion:165 Resp: 53476

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

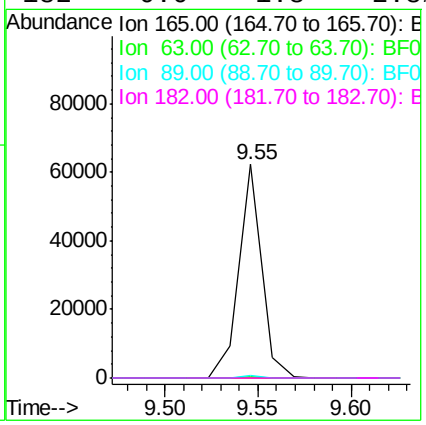


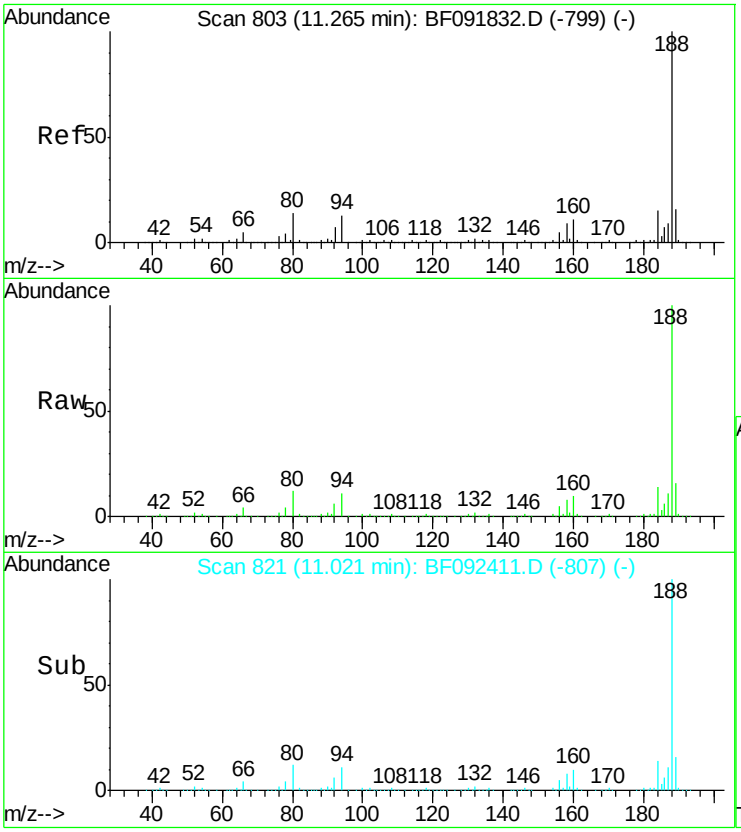


#56
2,4-Dinitrotoluene
Concen: 7.34 ng
RT: 9.55 min Scan# 692
Delta R.T. -0.34 min
Lab File: BF092411.D
Acq: 21 Jan 2017 14:25

Tgt Ion:165 Resp: 53467

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#



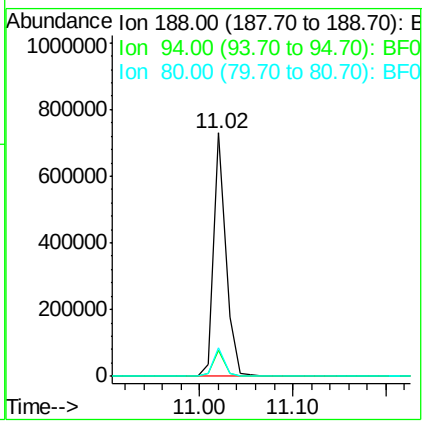


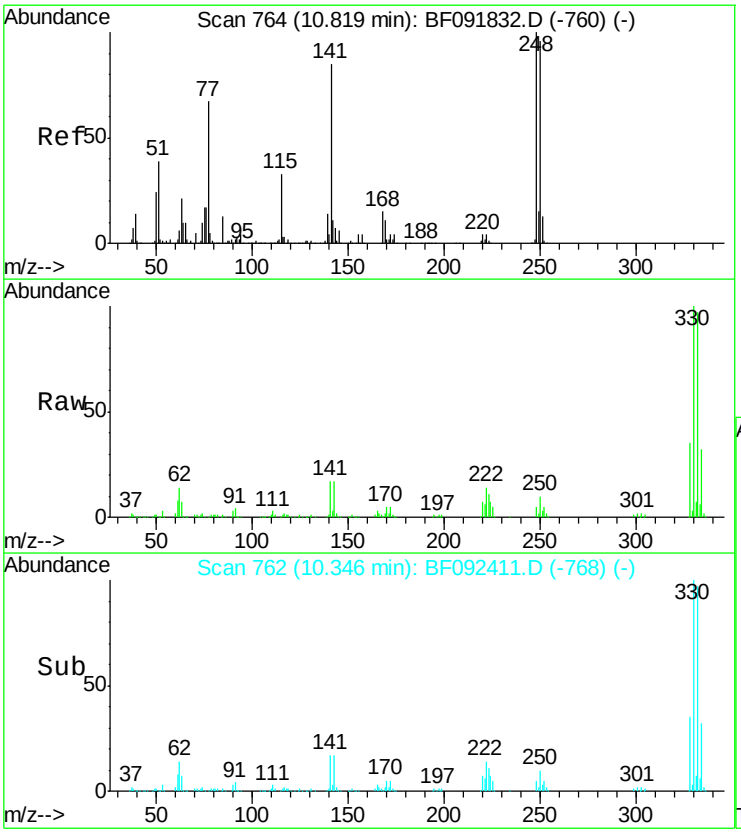
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 821
Delta R.T. -0.14 min
Lab File: BF092411.D
Acq: 21 Jan 2017 14:25

Instrument :
BNA_F
ClientSampleId :
FB-1-MANHATTANVILLE-11717

Tgt Ion:188 Resp: 662266

Ion	Ratio	Lower	Upper
188	100		
94	10.9	10.0	15.0
80	11.6	11.2	16.8

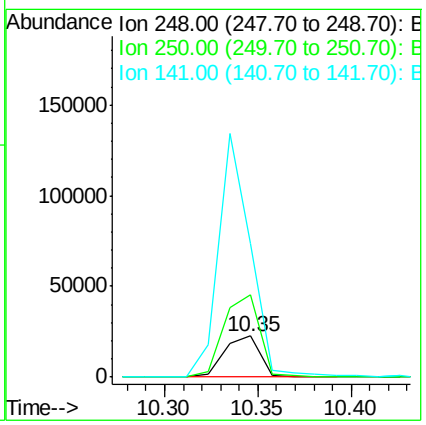


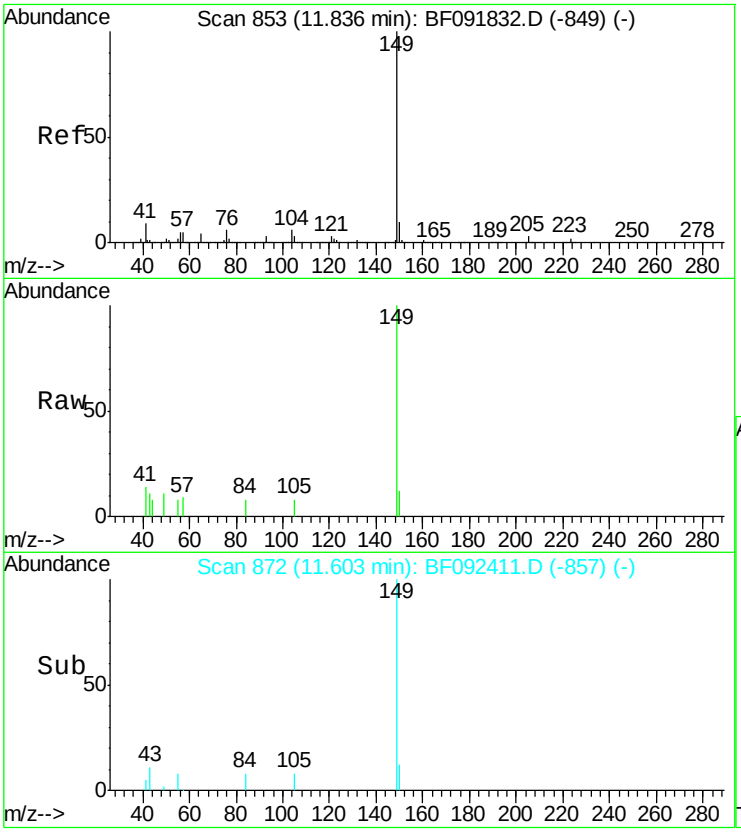


#66
4-Bromophenyl-phenylether
Concen: 4.39 ng
RT: 10.35 min Scan# 762
Delta R.T. -0.36 min
Lab File: BF092411.D
Acq: 21 Jan 2017 14:25

Tgt Ion:248 Resp: 30225

Ion	Ratio	Lower	Upper
248	100		
250	201.1	76.9	115.3#
141	325.9	68.2	102.4#



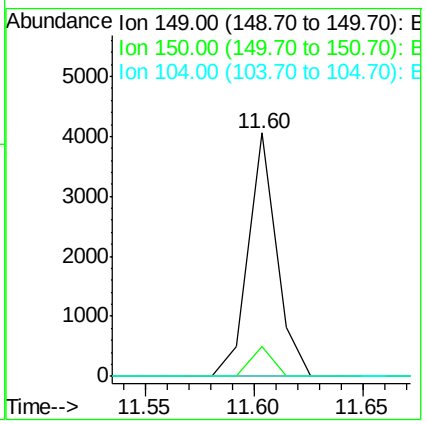


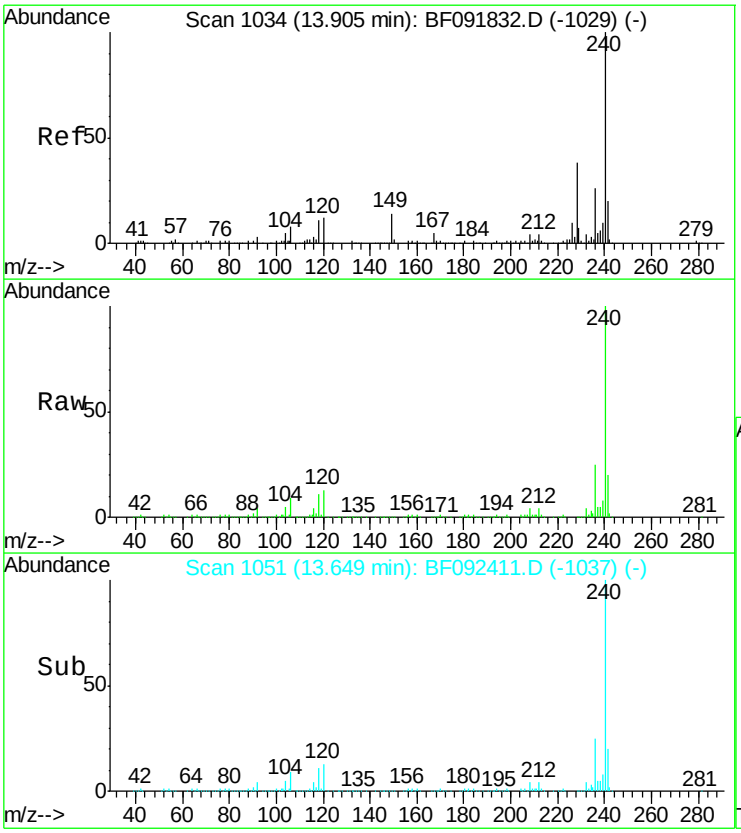
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.60 min Scan# 872
Delta R.T. -0.12 min
Lab File: BF092411.D
Acq: 21 Jan 2017 14:25

Instrument :
BNA_F
ClientSampleId :
FB-1-MANHATTANVILLE-11717

Tgt Ion:149 Resp: 3693

Ion	Ratio	Lower	Upper
149	100		
150	12.3	8.1	12.1#
104	0.0	4.6	7.0#

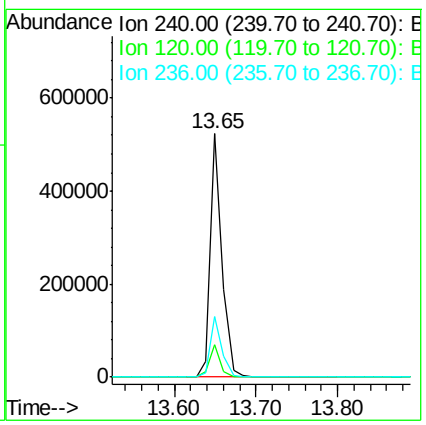


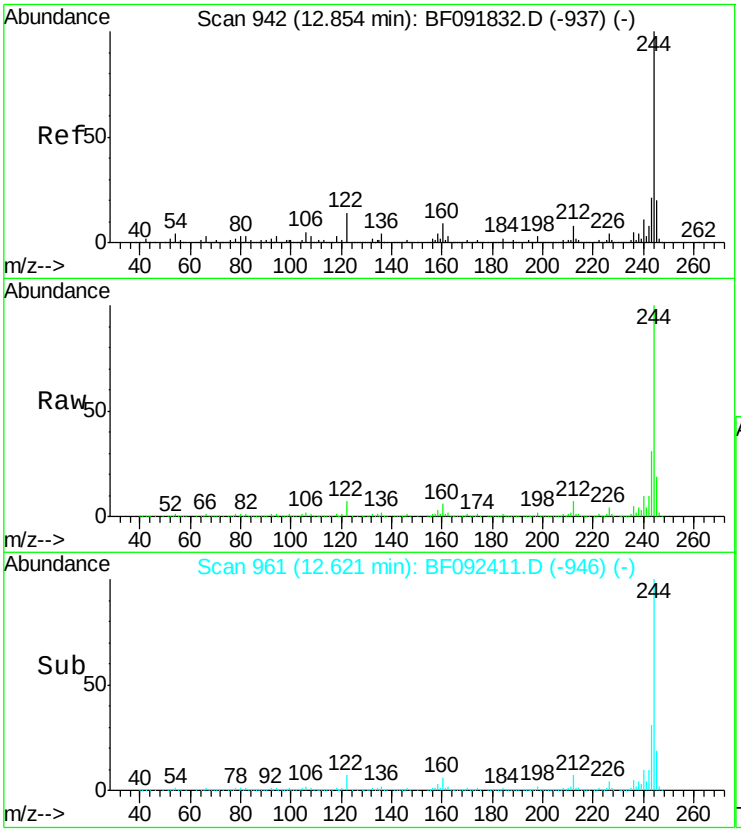


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.65 min Scan# 1051
Delta R.T. -0.14 min
Lab File: BF092411.D
Acq: 21 Jan 2017 14:25

Tgt Ion:240 Resp: 527857

Ion	Ratio	Lower	Upper
240	100		
120	13.1	12.9	19.3
236	24.8	20.9	31.3



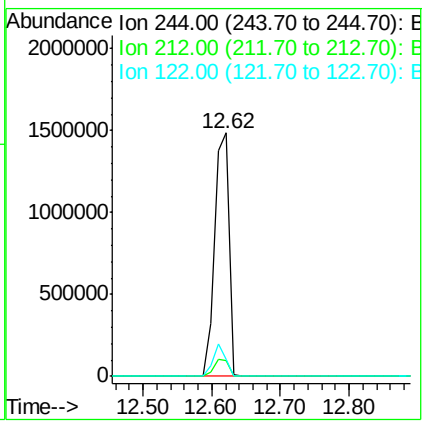


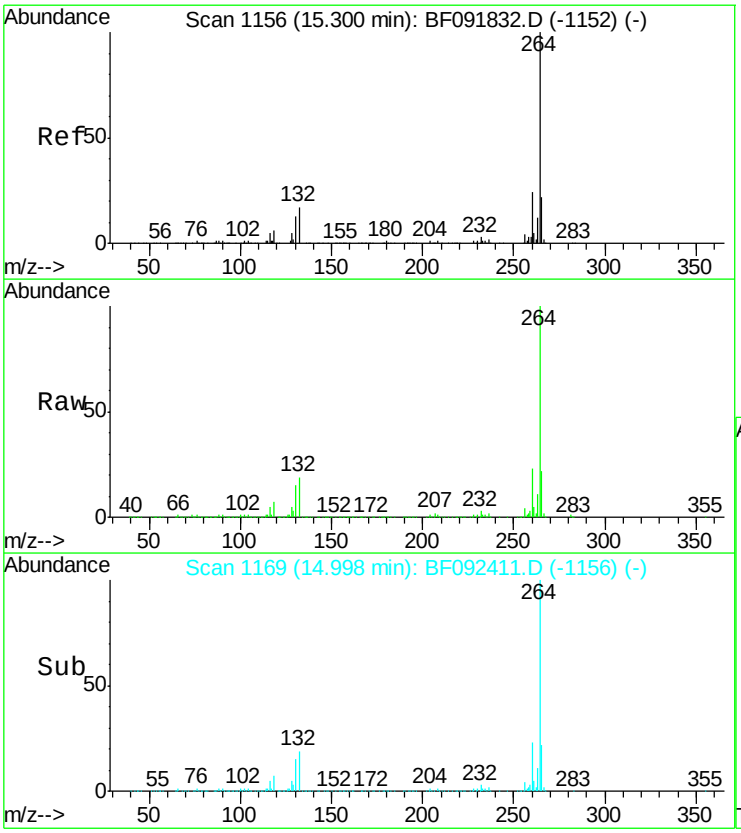
#78
Terphenyl-d14
Concen: 101.51 ng
RT: 12.62 min Scan# 961
Delta R.T. -0.12 min
Lab File: BF092411.D
Acq: 21 Jan 2017 14:25

Instrument :
BNA_F
ClientSampleId :
FB-1-MANHATTANVILLE-11717

Tgt Ion:244 Resp: 2209390

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.2	9.2
122	6.8	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: BF092411.D
Acq: 21 Jan 2017 14:25

Tgt Ion:264 Resp: 402982

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.8	17.4	26.0