Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
Data File : BF091657.D
Acq On : 16 Dec 2016 6:06
Operator : UM/SJ
Sample : H6011-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-24

Quant Time: Dec 16 06:33:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	196989	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	824074	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	458806	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	527743	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	550857	20.00	ng		0.00
86) Perylene-d12	15.35	264	454022	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	646036	55.25	ng		0.00
7) Phenol-d6	6.42	99	494330	33.91	ng		-0.01
23) Nitrobenzene-d5	7.34	82	1219990	82.63	ng		-0.01
41) 2,4,6-Tribromophenol	10.61	330	386812	101.50	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1900699	71.58	ng		0.00
78) Terphenyl-d14	12.89	244	1322082	54.46	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	27784	2.77	ng		95
19) n-Nitroso-di-n-propylamine	7.34	70	157923	17.33	ng	#	67
25) Isophorone	7.34	82	1095054	41.72	ng	#	67
50) 2,6-Dinitrotoluene	9.82	165	58606	9.19	ng	#	16
56) 2,4-Dinitrotoluene	9.82	165	58606	7.33	ng	#	33
57) Fluorene	10.61	166	17616	Below Cal		#	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	867	3.20	ng	#	1
66) 4-Bromophenyl-phenylether	10.61	248	26312	4.86	ng	#	1

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

Quantitation Report (Not Reviewed)

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Acq On : 16 Dec 2016 6:06
Operator : UM/SJ
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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MW-24

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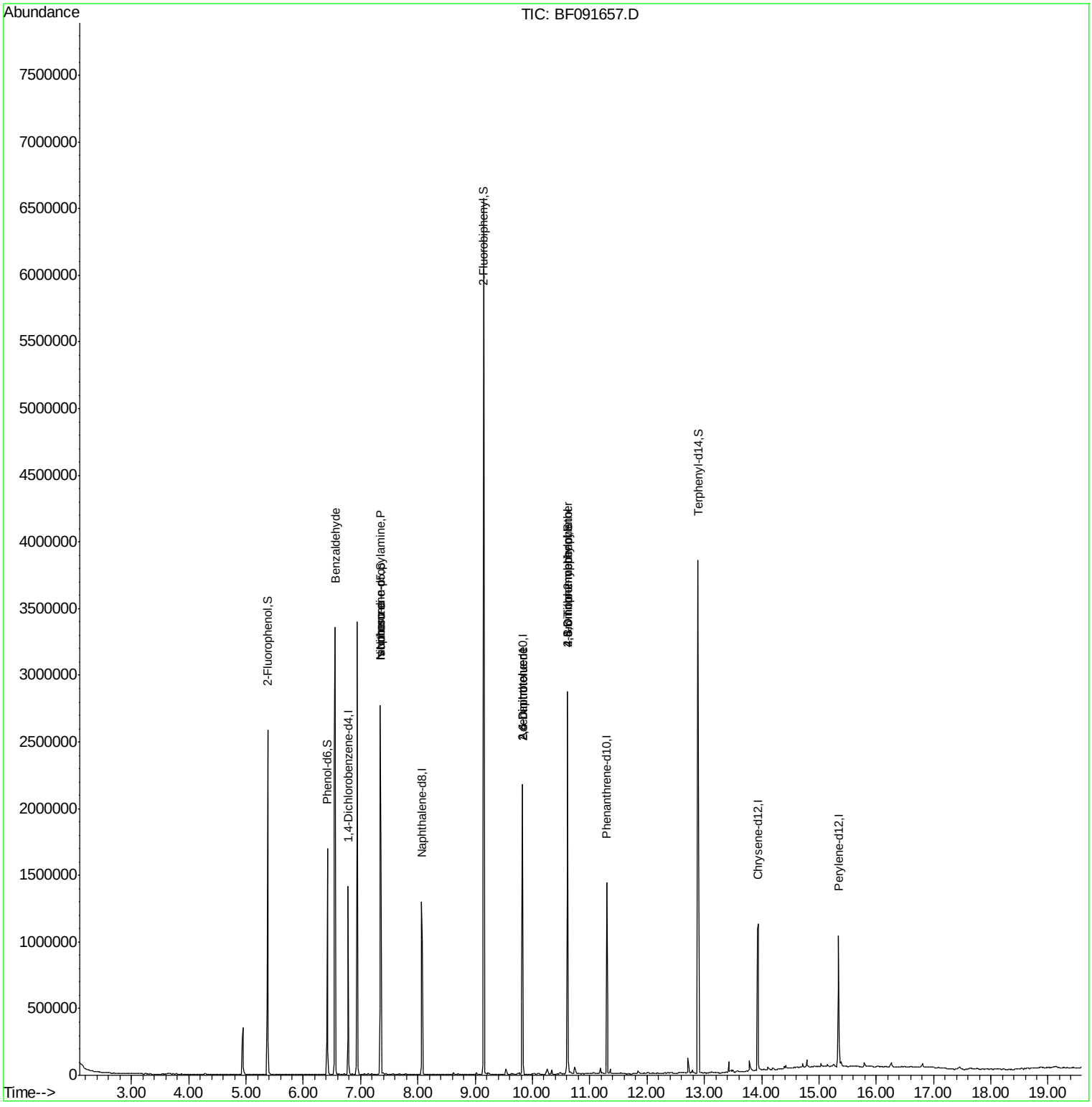
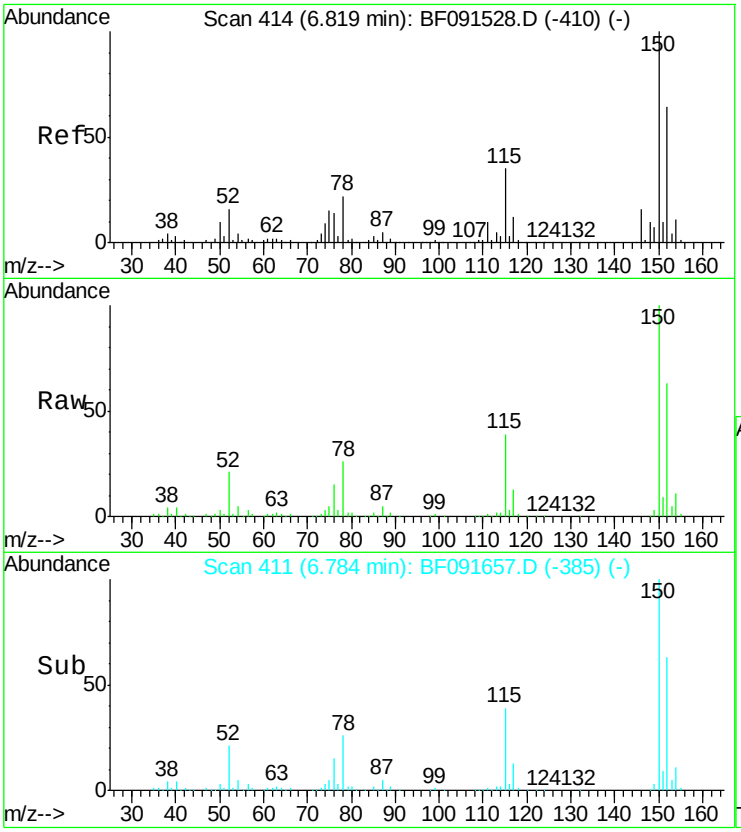


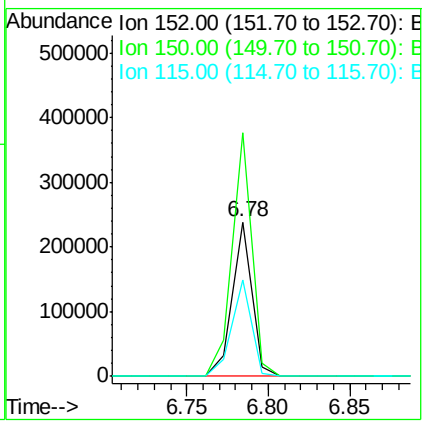


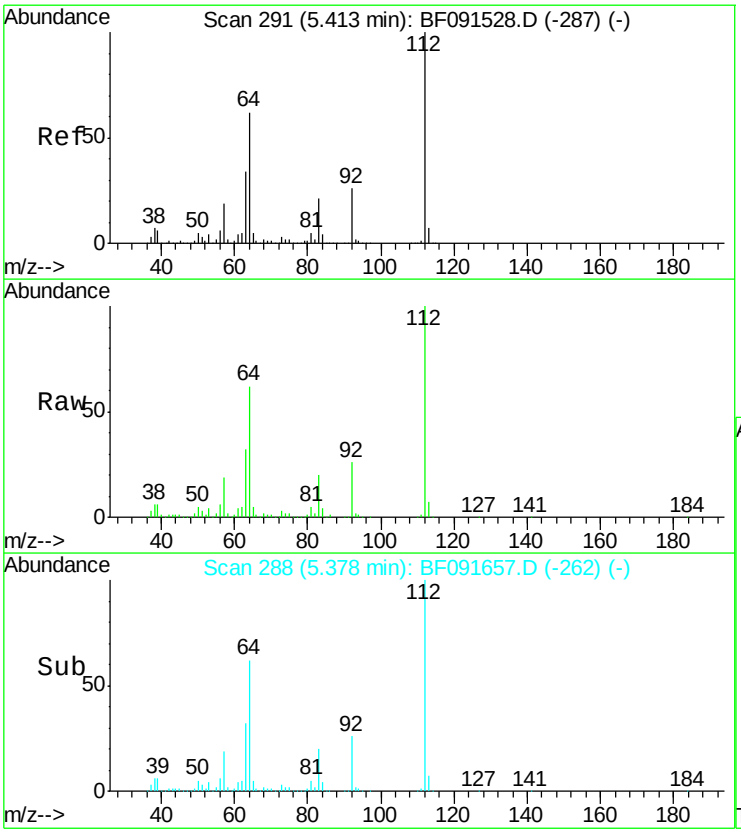
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF091657.D
Acq: 16 Dec 2016 6:06

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:152 Resp: 196989

Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.5	183.7
115	62.2	51.8	77.8

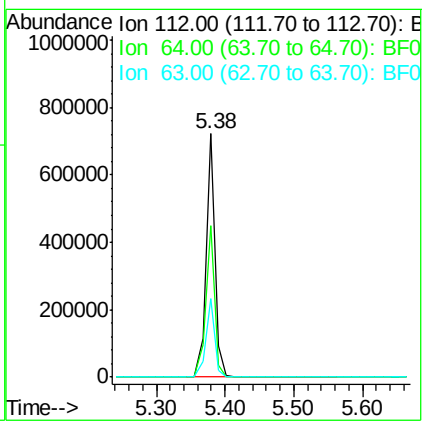


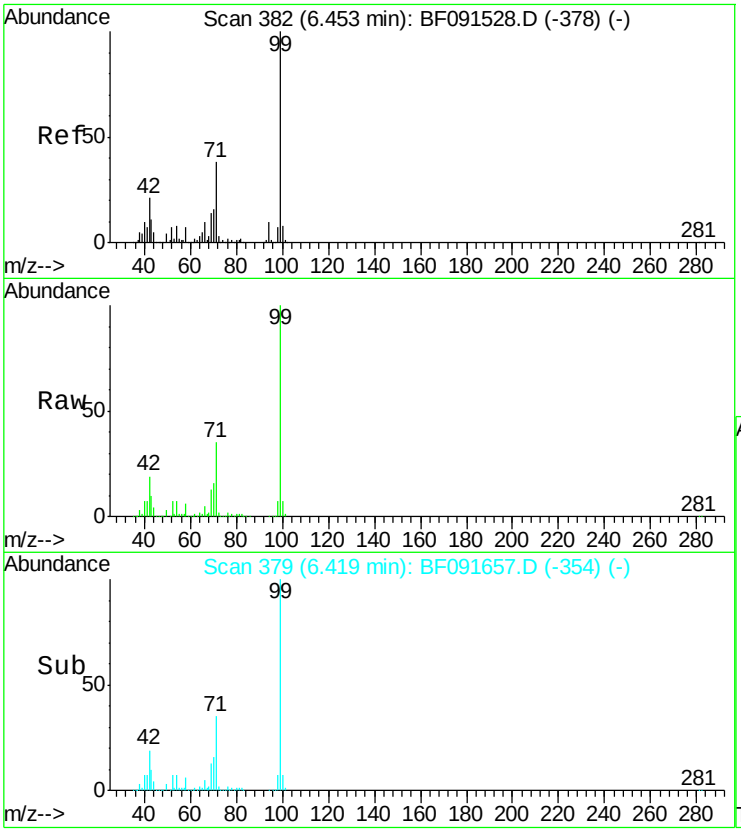


#5
2-Fluorophenol
Concen: 55.25 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.00 min
Lab File: BF091657.D
Acq: 16 Dec 2016 6:06

Tgt Ion:112 Resp: 646036

Ion	Ratio	Lower	Upper
112	100		
64	62.0	61.5	92.3
63	32.3	33.3	49.9#



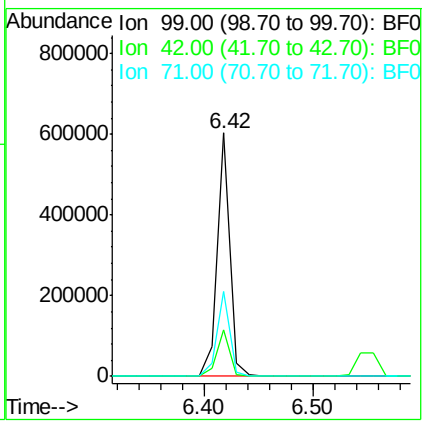


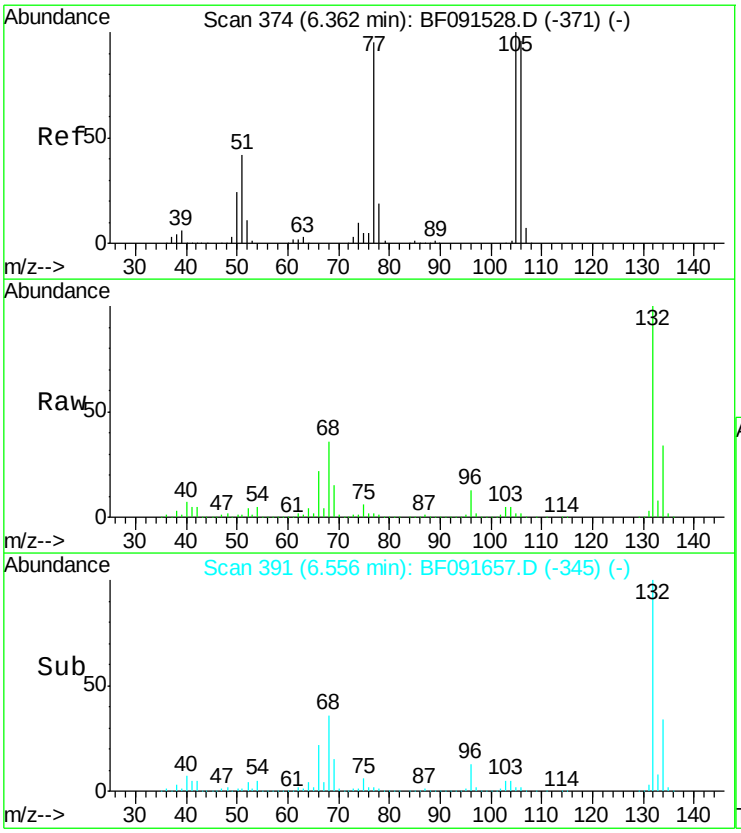
#7
Phenol-d6
Concen: 33.91 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF091657.D
Acq: 16 Dec 2016 6:06

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion: 99 Resp: 494330

Ion	Ratio	Lower	Upper
99	100		
42	18.8	20.6	31.0#
71	35.1	29.9	44.9

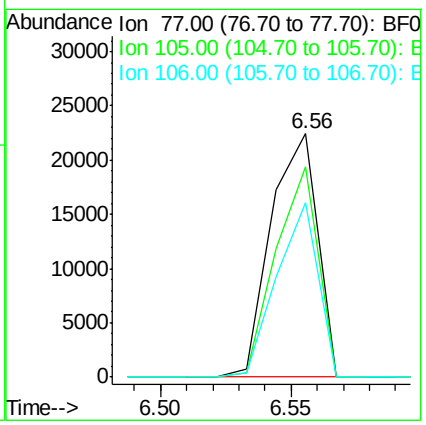


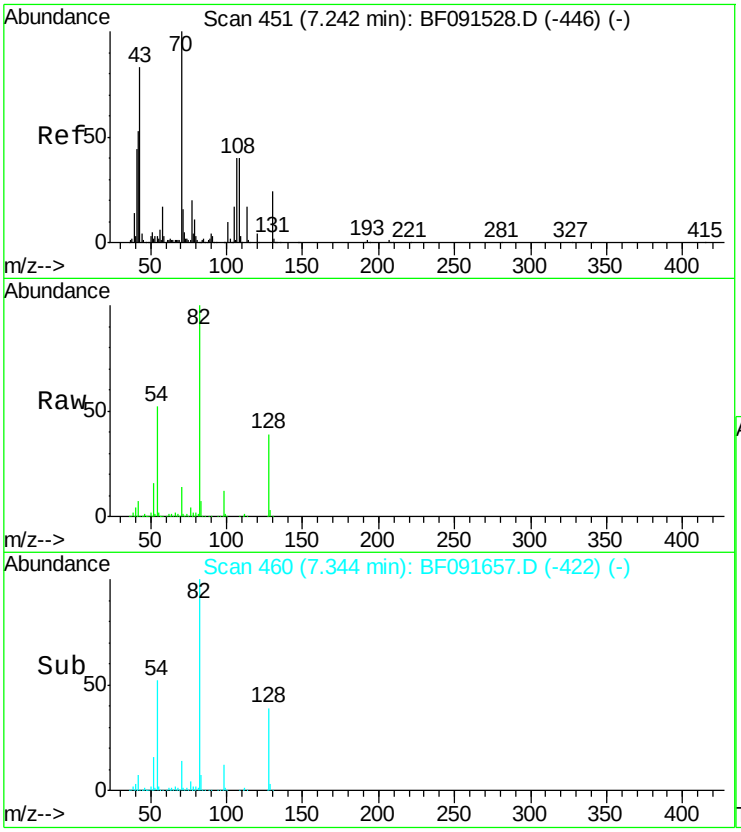


#9
Benzaldehyde
Concen: 2.77 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.23 min
Lab File: BF091657.D
Acq: 16 Dec 2016 6:06

Tgt Ion: 77 Resp: 27784

Ion	Ratio	Lower	Upper
77	100		
105	86.3	66.4	106.4
106	71.8	60.9	100.9



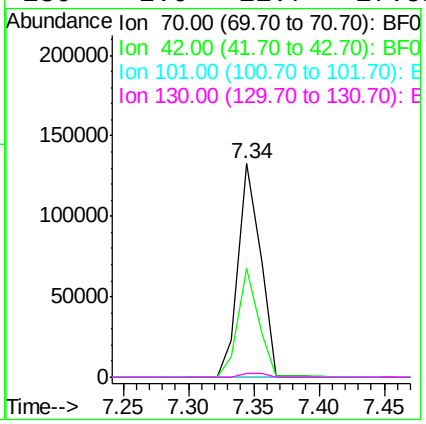


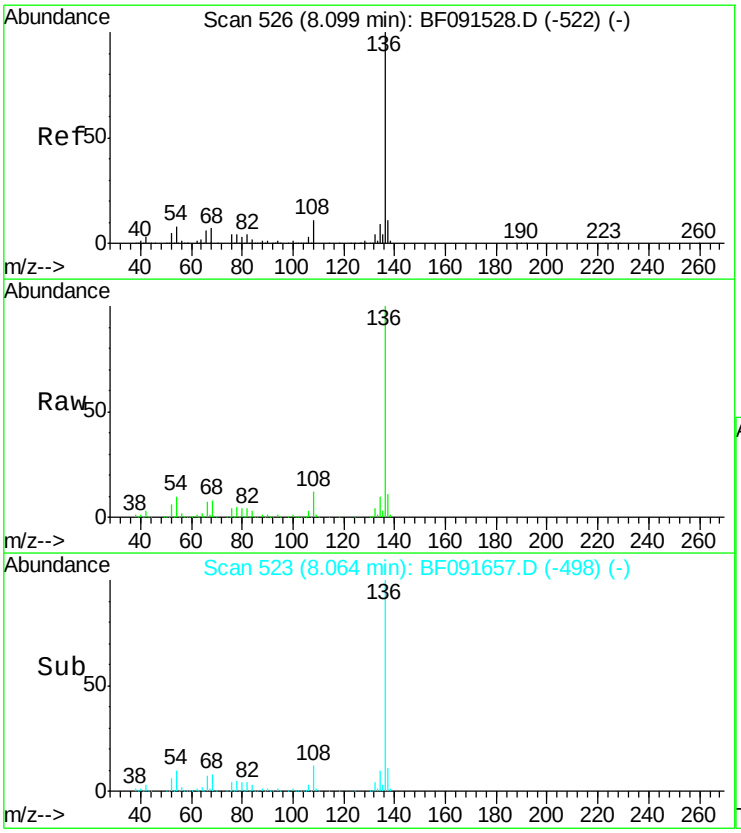
#19
n-Nitroso-di-n-propylamine
Concen: 17.33 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.14 min
Lab File: BF091657.D
Acq: 16 Dec 2016 6:06

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion: 70 Resp: 157923

Ion	Ratio	Lower	Upper
70	100		
42	50.9	64.8	97.2#
101	0.0	6.2	9.4#
130	2.0	11.7	17.5#

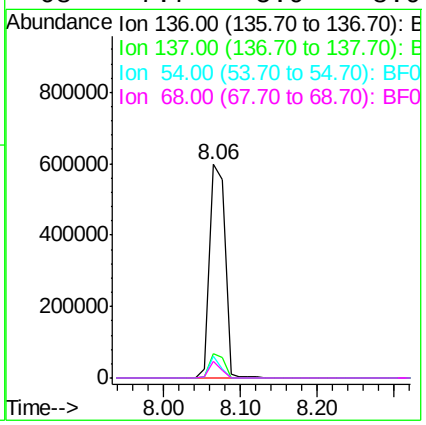


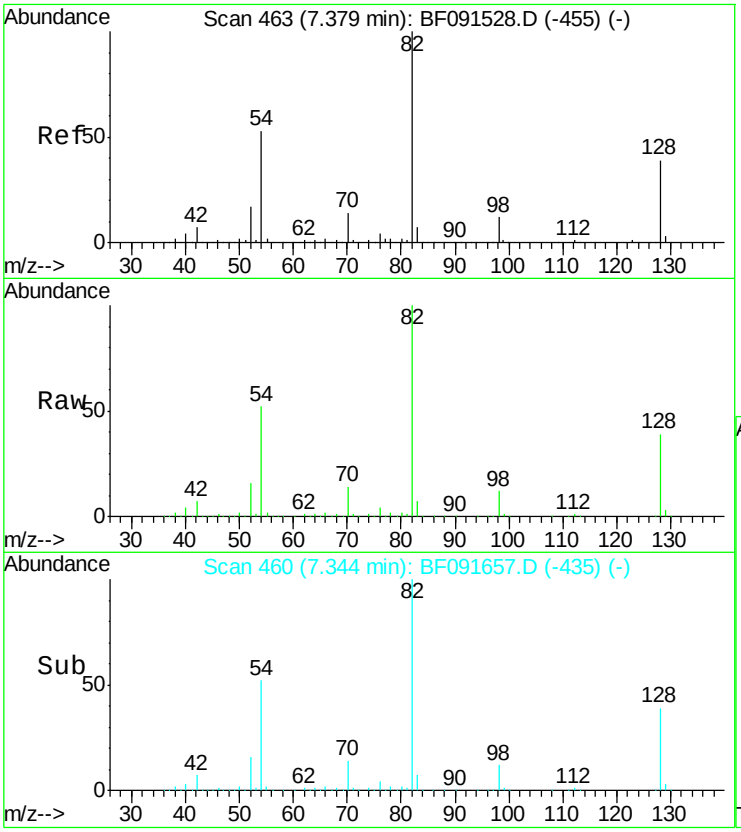


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF091657.D
Acq: 16 Dec 2016 6:06

Tgt Ion:136 Resp: 824074

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.1	9.1	13.7
68	7.7	5.9	8.9



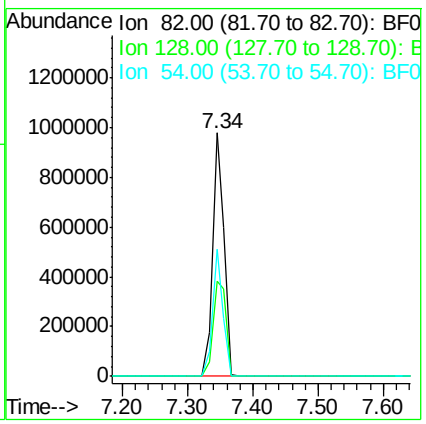


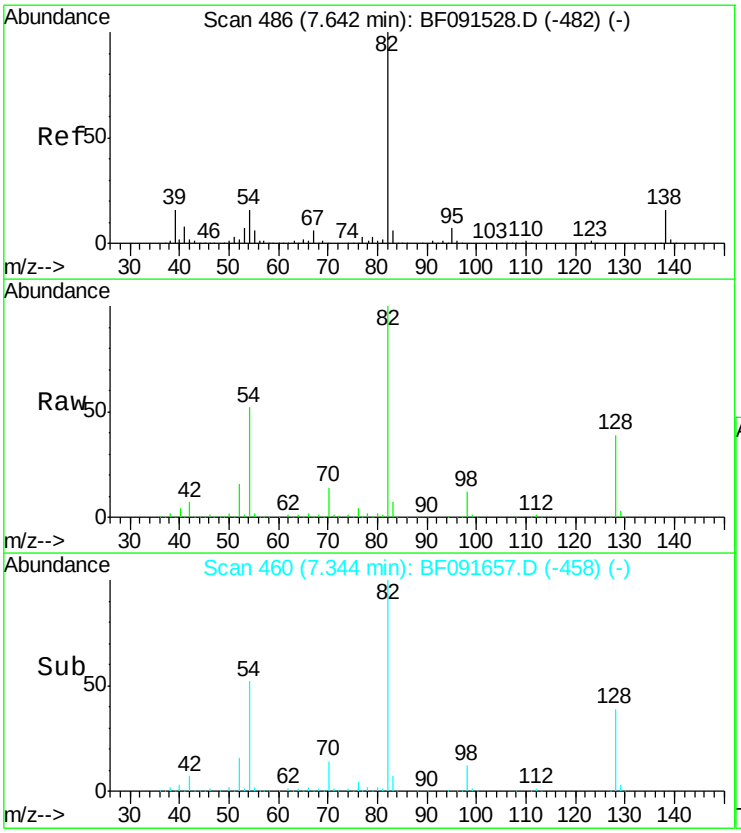
#23
Nitrobenzene-d5
Concen: 82.63 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF091657.D
Acq: 16 Dec 2016 6:06

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion: 82 Resp: 1219990

Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.8	47.6
54	52.1	49.1	73.7

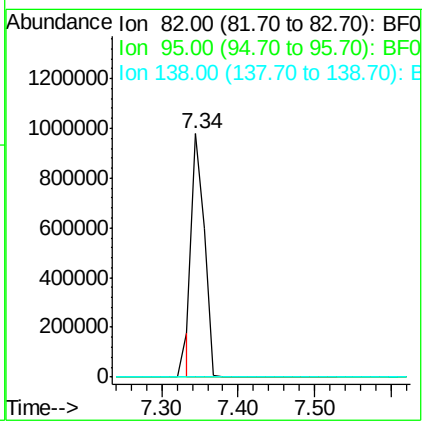


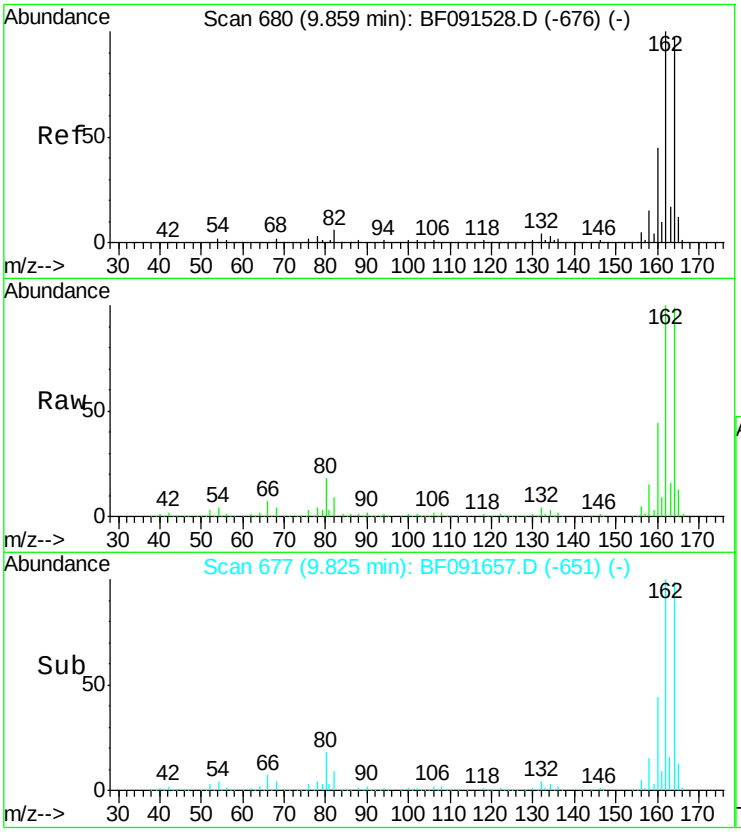


#25
Isophorone
Concen: 41.72 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.27 min
Lab File: BF091657.D
Acq: 16 Dec 2016 6:06

Tgt Ion: 82 Resp: 1095054

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.4	20.0#



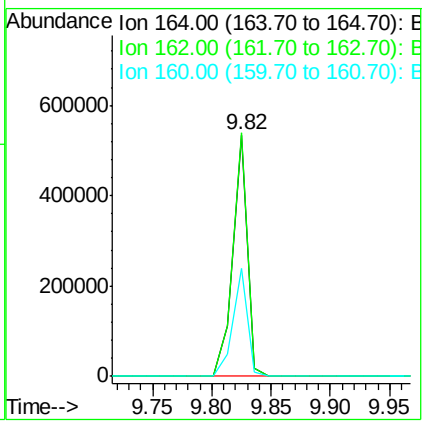


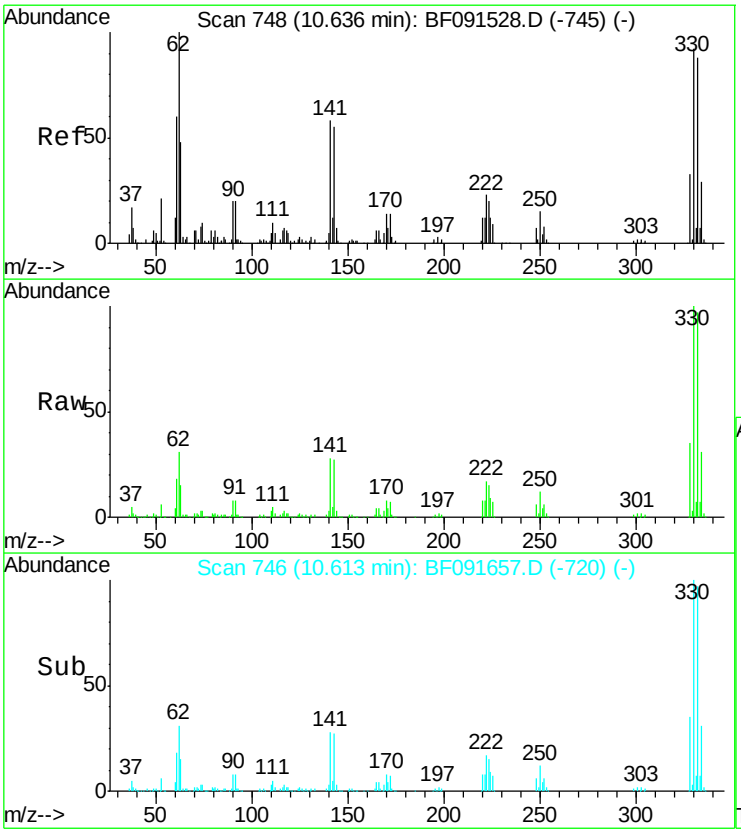
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF091657.D
Acq: 16 Dec 2016 6:06

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:164 Resp: 458806

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.6	124.0
160	44.5	36.7	55.1

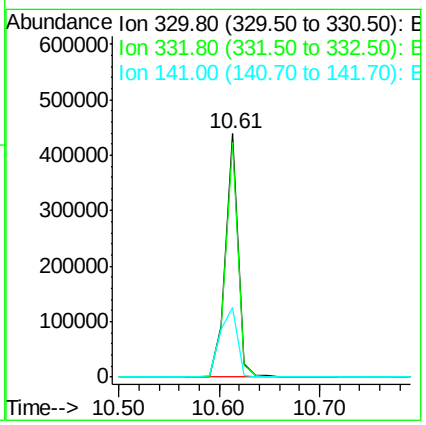


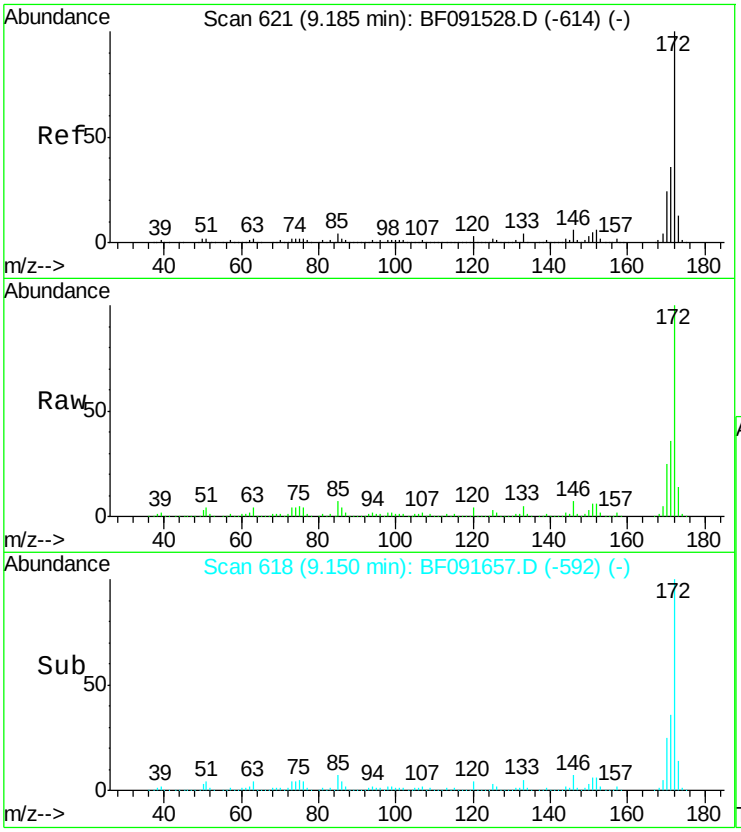


#41
2,4,6-Tribromophenol
Concen: 101.50 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF091657.D
Acq: 16 Dec 2016 6:06

Tgt Ion:330 Resp: 386812

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.2	114.4
141	38.9	33.6	50.4



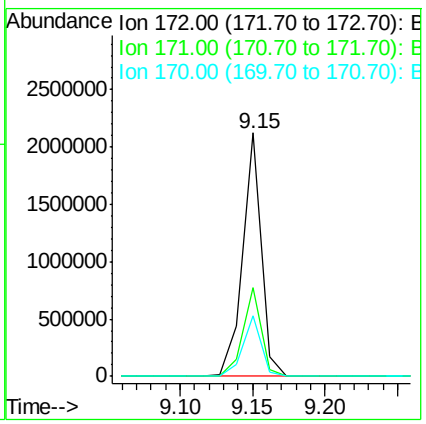


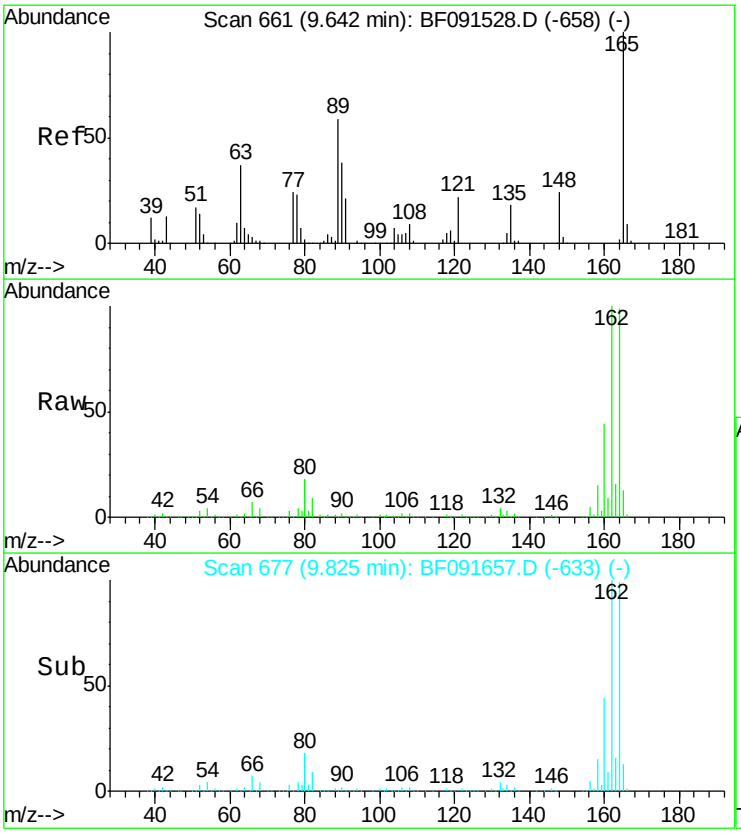
#44
2-Fluorobiphenyl
Concen: 71.58 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF091657.D
Acq: 16 Dec 2016 6:06

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:172 Resp: 1900699

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.7	19.7	29.5

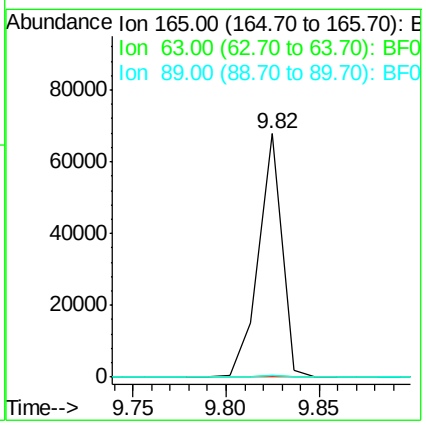


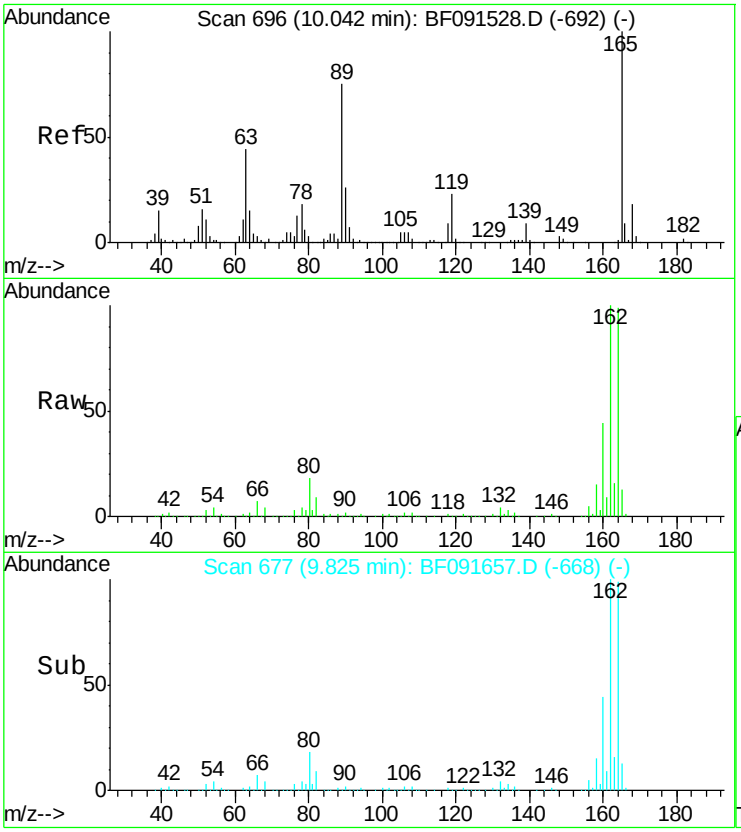


#50
2,6-Dinitrotoluene
Concen: 9.19 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.21 min
Lab File: BF091657.D
Acq: 16 Dec 2016 6:06

Tgt Ion:165 Resp: 58606

Ion	Ratio	Lower	Upper
165	100		
63	0.9	59.4	89.0#
89	0.9	50.8	76.2#



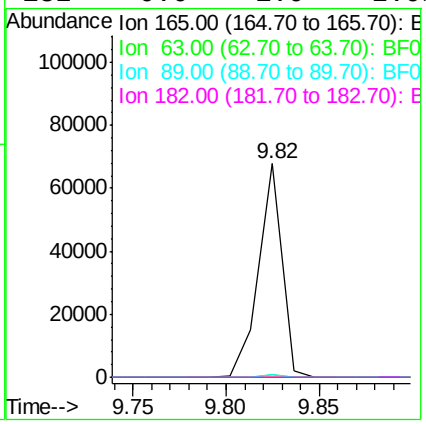


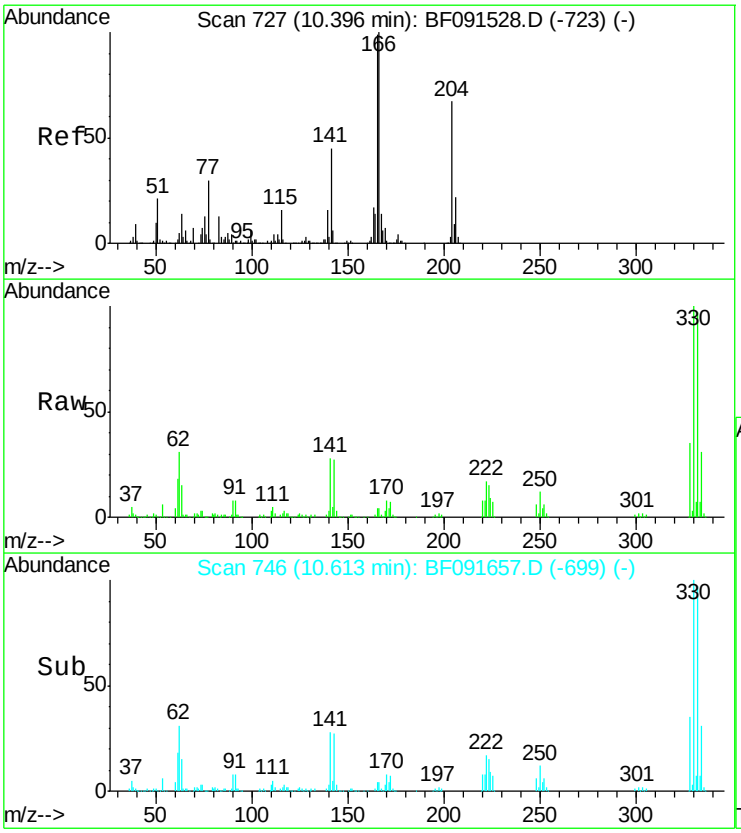
#56
2,4-Dinitrotoluene
Concen: 7.33 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.19 min
Lab File: BF091657.D
Acq: 16 Dec 2016 6:06

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:165 Resp: 58606

Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.0	43.4#
89	0.9	43.1	64.7#
182	0.0	1.9	2.9#

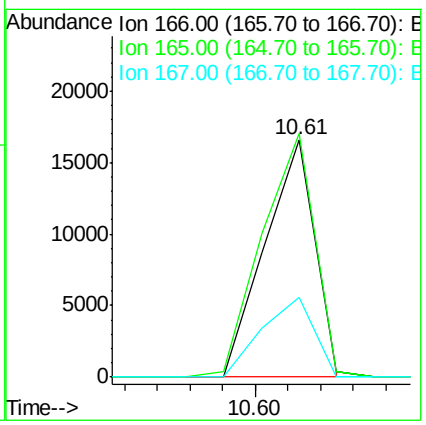


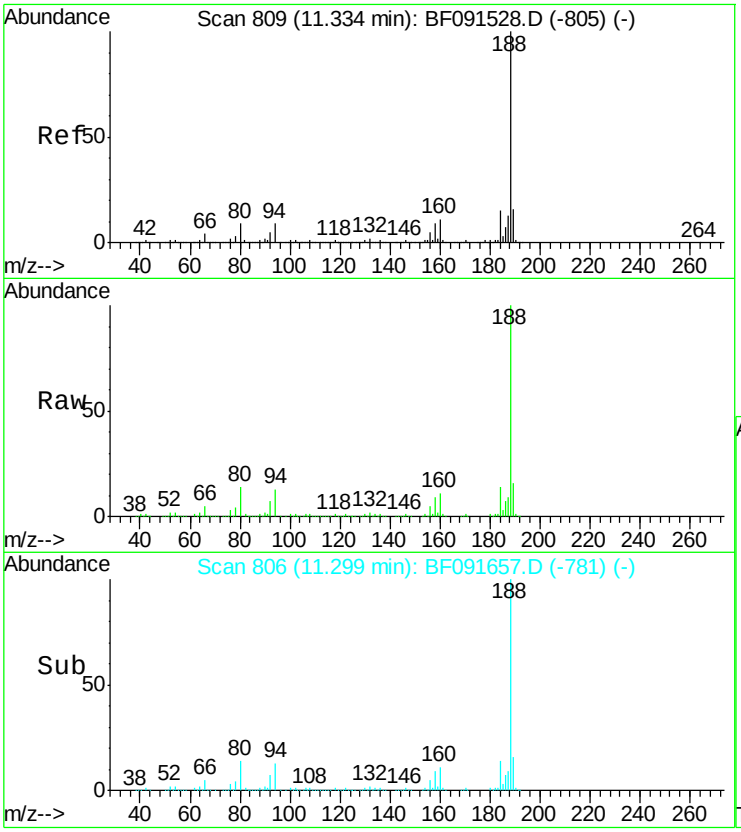


#57
Fluorene
Concen: Below Cal
RT: 10.61 min Scan# 746
Delta R.T. 0.24 min
Lab File: BF091657.D
Acq: 16 Dec 2016 6:06

Tgt Ion:166 Resp: 17616

Ion	Ratio	Lower	Upper
166	100		
165	102.5	80.0	120.0
167	33.7	10.8	16.2#



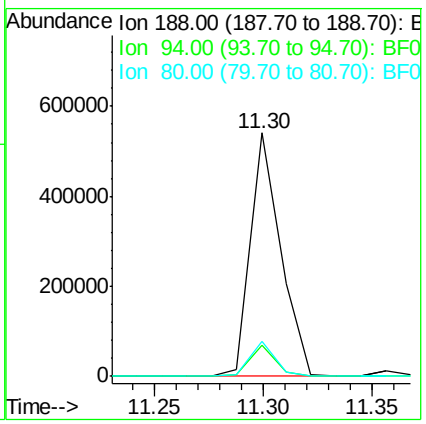


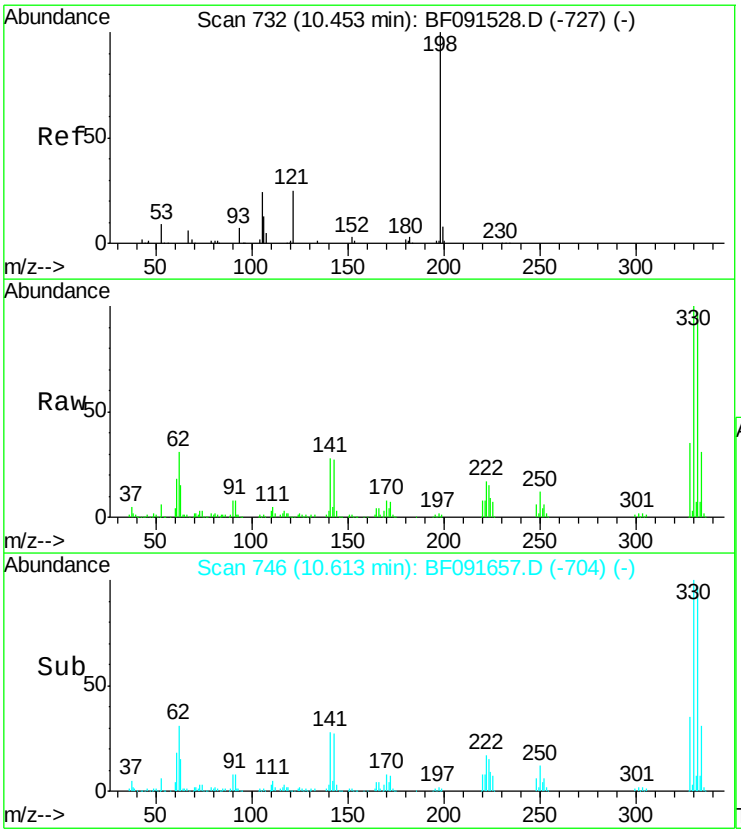
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091657.D
Acq: 16 Dec 2016 6:06

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:188 Resp: 527743

Ion	Ratio	Lower	Upper
188	100		
94	12.8	9.2	13.8
80	14.4	10.5	15.7

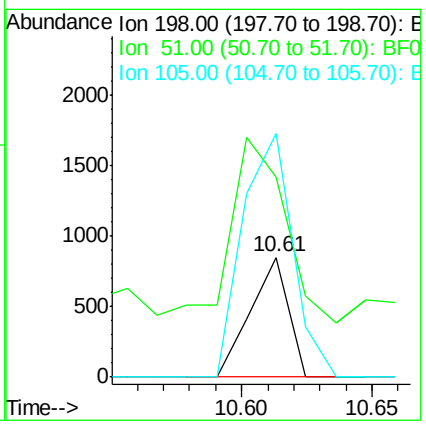


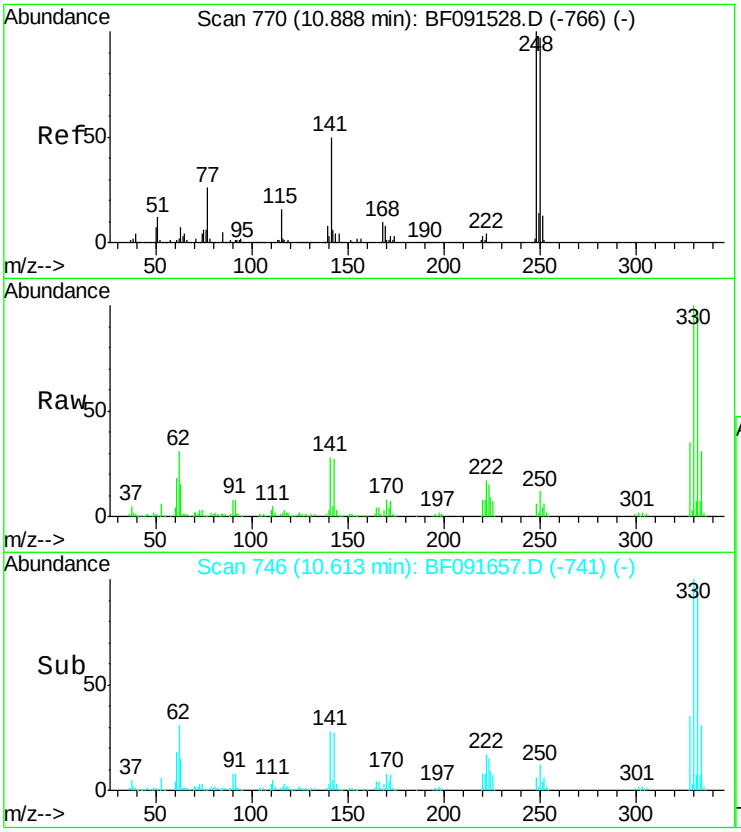


#64
4,6-Dinitro-2-methylphenol
Concen: 3.20 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.18 min
Lab File: BF091657.D
Acq: 16 Dec 2016 6:06

Tgt Ion:198 Resp: 867

Ion	Ratio	Lower	Upper
198	100		
51	167.5	77.1	117.1#
105	203.7	44.8	84.8#



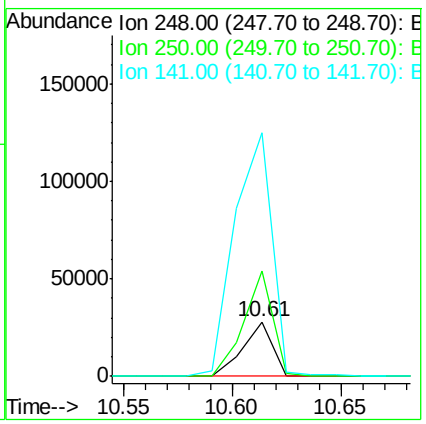


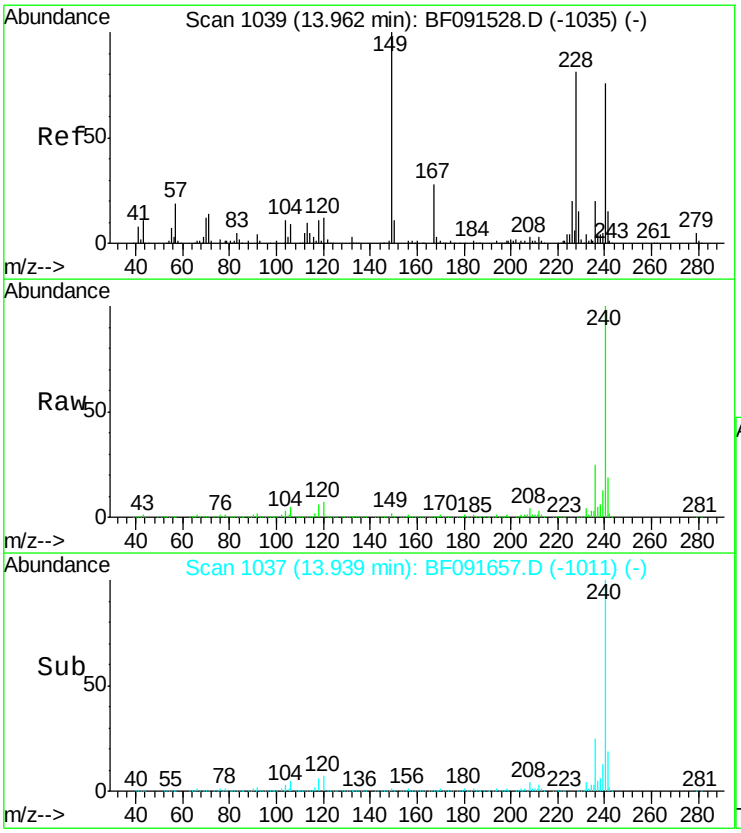
#66
4-Bromophenyl-phenylether
Concen: 4.86 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.24 min
Lab File: BF091657.D
Acq: 16 Dec 2016 6:06

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:248 Resp: 26312

Ion	Ratio	Lower	Upper
248	100		
250	194.4	78.2	117.4#
141	449.6	71.9	107.9#

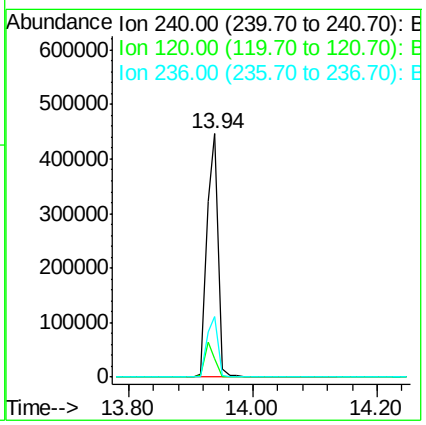


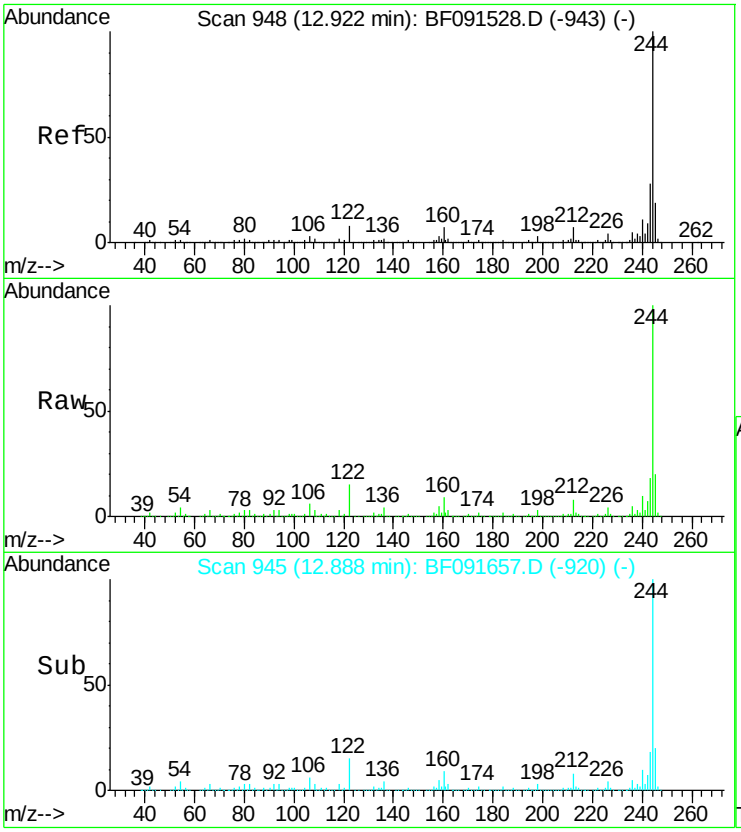


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF091657.D
Acq: 16 Dec 2016 6:06

Tgt Ion:240 Resp: 550857

Ion	Ratio	Lower	Upper
240	100		
120	7.4	12.1	18.1#
236	25.1	21.0	31.6



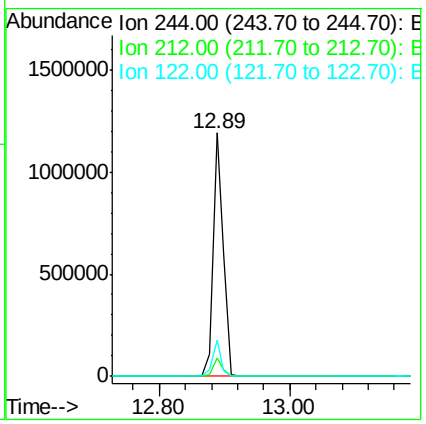


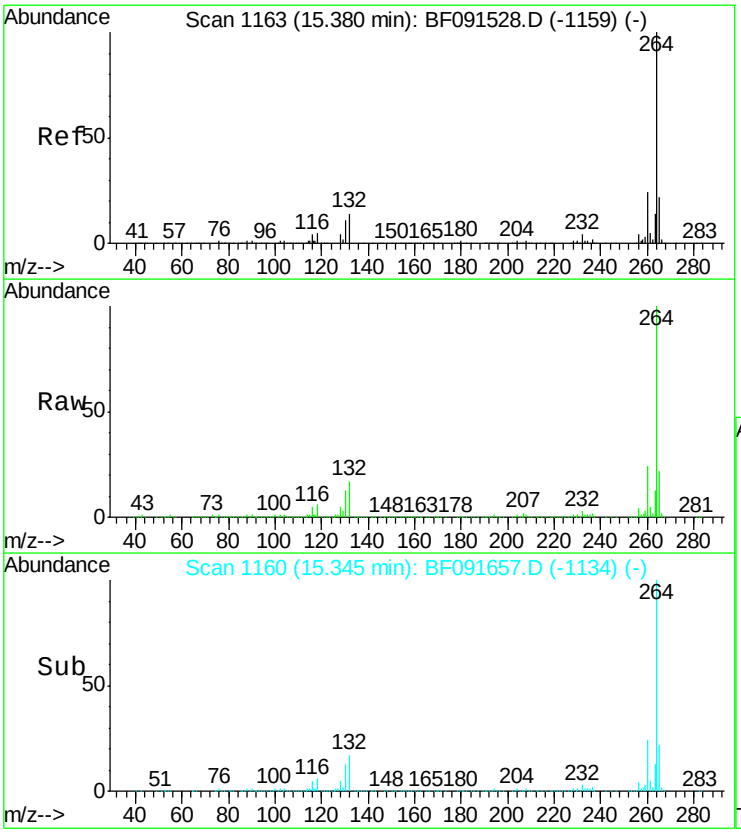
#78
Terphenyl-d14
Concen: 54.46 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF091657.D
Acq: 16 Dec 2016 6:06

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:244 Resp: 1322082

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	14.9	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF091657.D
Acq: 16 Dec 2016 6:06

Tgt Ion:264 Resp: 454022

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.6	17.0	25.6