Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091398.D
Acq On : 2 Dec 2016 19:24
Operator : UM/SJ
Sample : H5819-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 113016-04

Quant Time: Dec 02 22:23:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	200586	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	760862	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	493068	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	842517	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	713375	20.00	ng	-0.03
86) Perylene-d12	15.44	264	519023	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1112557	90.61	ng	0.00
7) Phenol-d6	6.49	99	1427751	94.46	ng	0.00
23) Nitrobenzene-d5	7.42	82	803596	59.19	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	441002	94.47	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1679987	61.69	ng	-0.02
78) Terphenyl-d14	12.97	244	1784958	54.38	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.49	94	52338	2.94	ng	# 1
19) n-Nitroso-di-n-propylamine	7.42	70	111022	11.66	ng	# 72
25) Isophorone	7.42	82	614178	25.53	ng	# 67
49) Dimethylphthalate	9.61	163	189727	6.35	ng	98
50) 2,6-Dinitrotoluene	9.90	165	65619	9.83	ng	# 16
56) 2,4-Dinitrotoluene	9.90	165	65621	7.58	ng	# 33
66) 4-Bromophenyl-phenylether	10.69	248	28094	3.10	ng	# 1

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

Quantitation Report (Not Reviewed)

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Acq On : 2 Dec 2016 19:24
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
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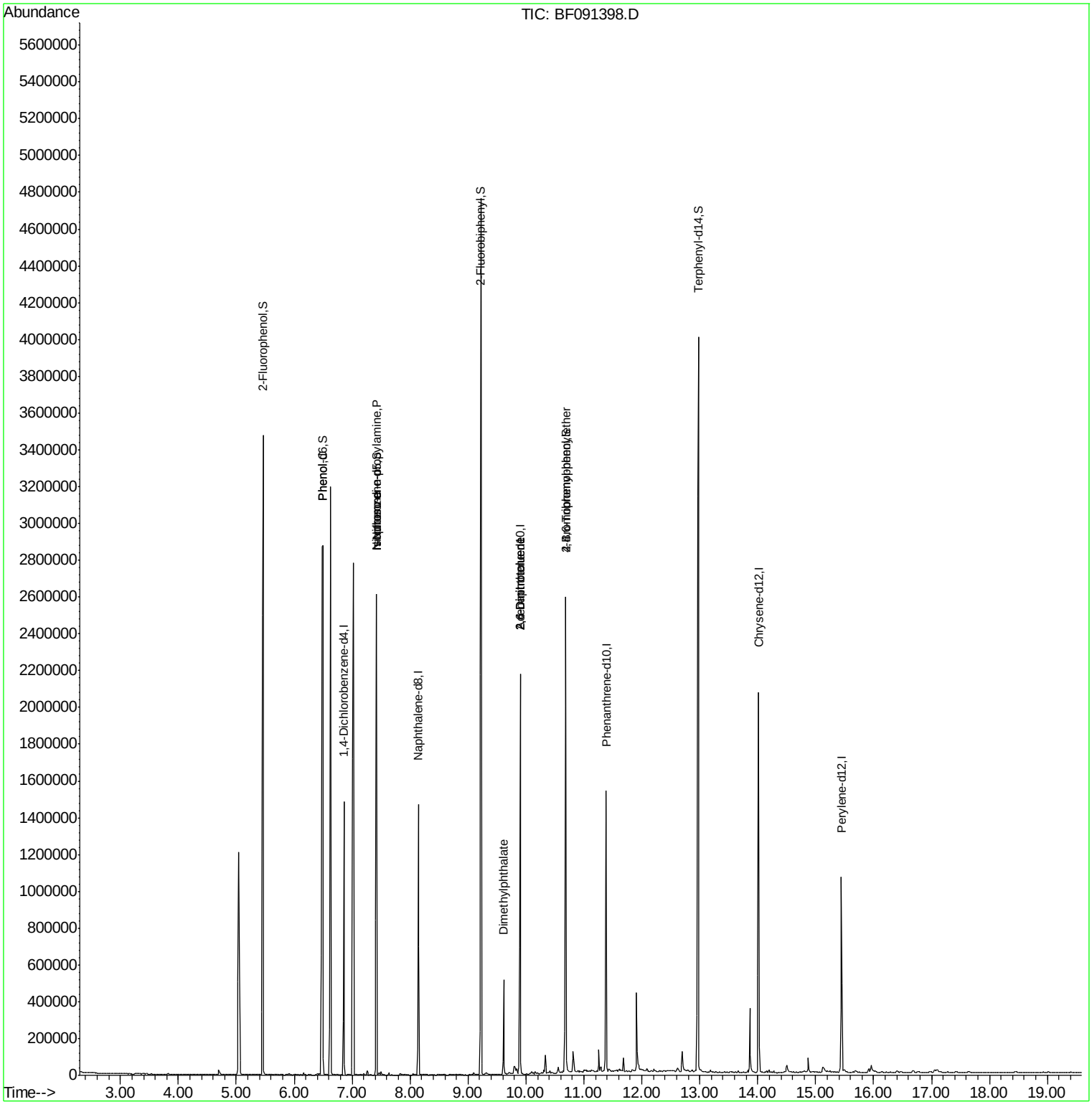
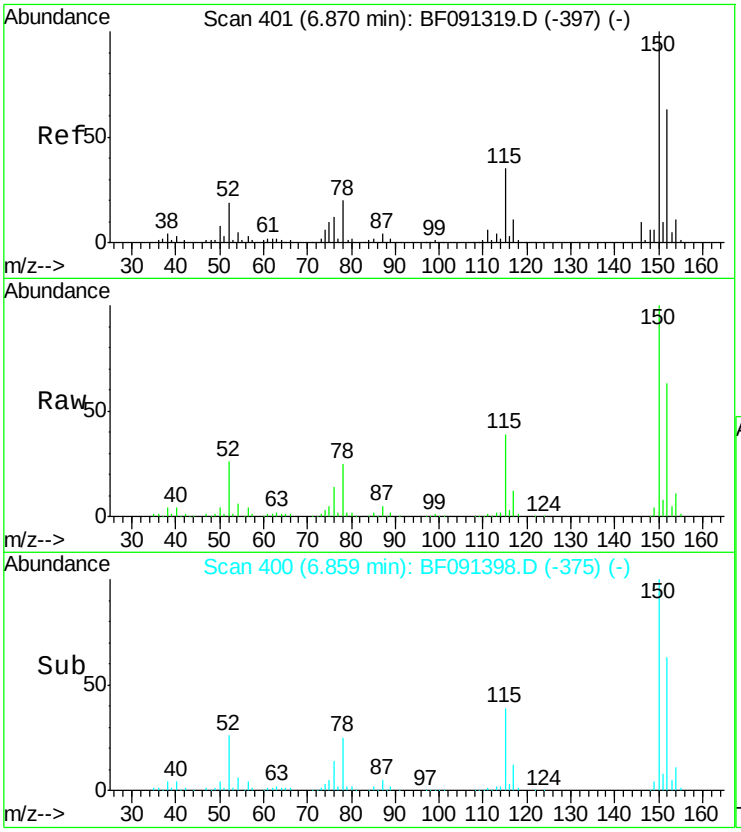


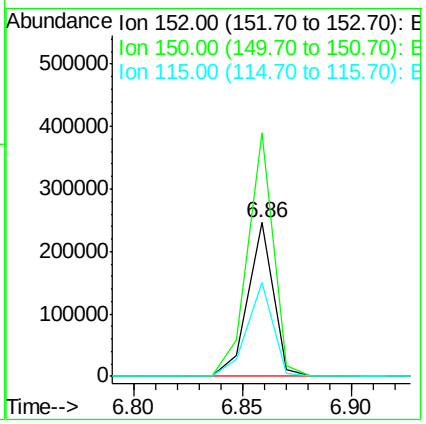


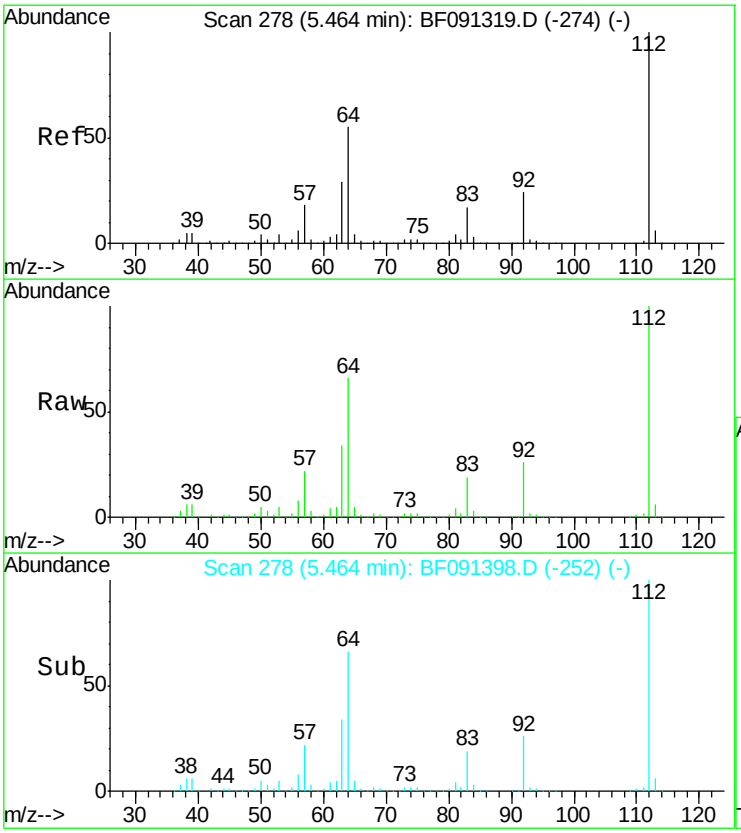
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

Instrument :
BNA_F
ClientSampleId :
113016-04

Tgt Ion:152 Resp: 200586

Ion	Ratio	Lower	Upper
152	100		
150	158.2	122.5	183.7
115	60.9	51.8	77.8

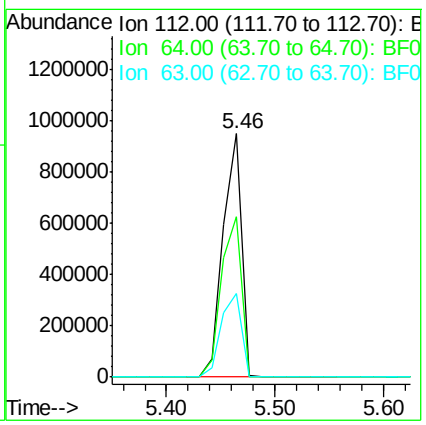


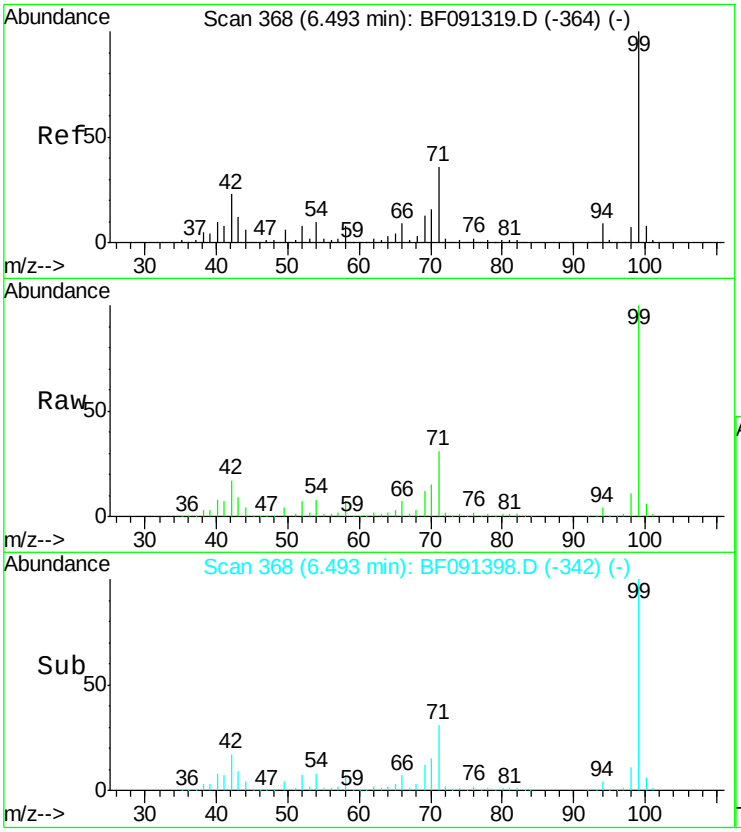


#5
2-Fluorophenol
Concen: 90.61 ng
RT: 5.46 min Scan# 278
Delta R.T. -0.00 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

Tgt Ion:112 Resp: 1112557

Ion	Ratio	Lower	Upper
112	100		
64	65.7	61.5	92.3
63	34.4	33.3	49.9



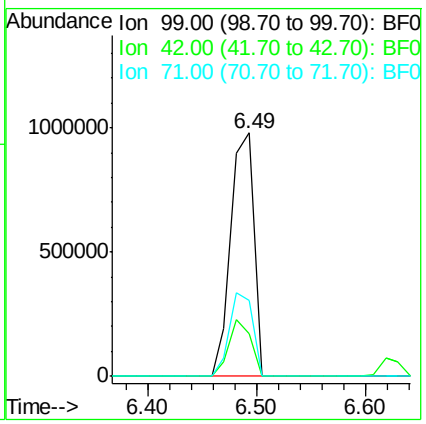


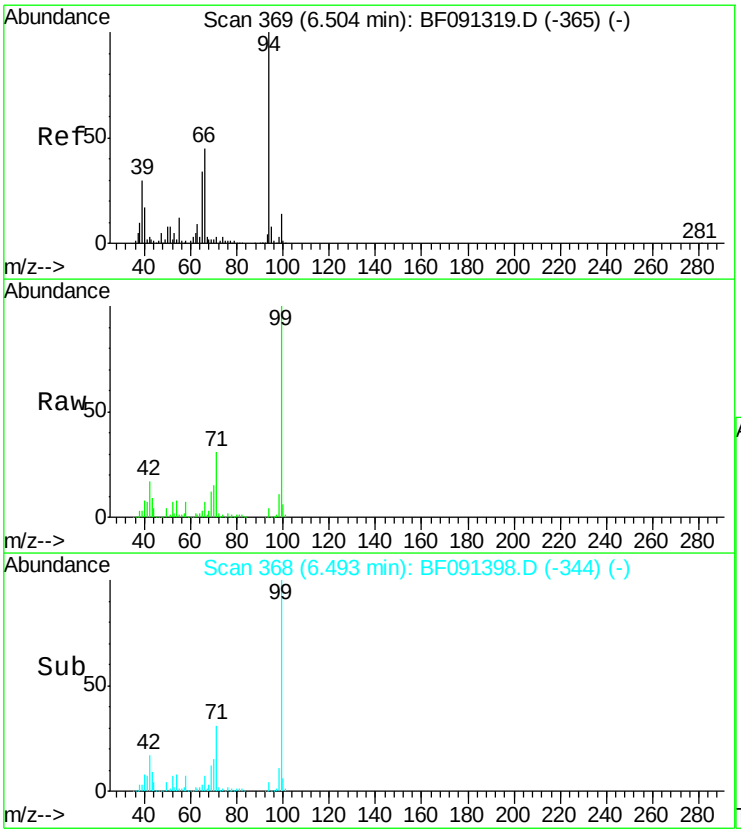
#7
Phenol-d6
Concen: 94.46 ng
RT: 6.49 min Scan# 368
Delta R.T. -0.01 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

Instrument :
BNA_F
ClientSampleId :
113016-04

Tgt Ion: 99 Resp: 1427751

Ion	Ratio	Lower	Upper
99	100		
42	17.5	20.6	31.0#
71	31.3	29.9	44.9

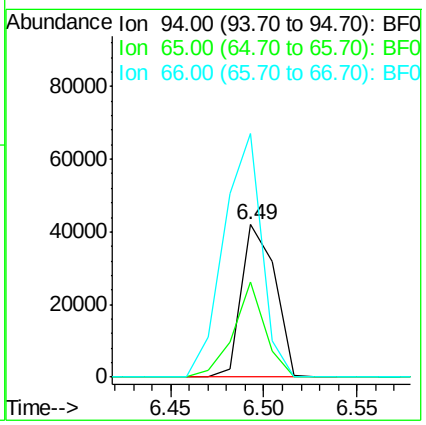


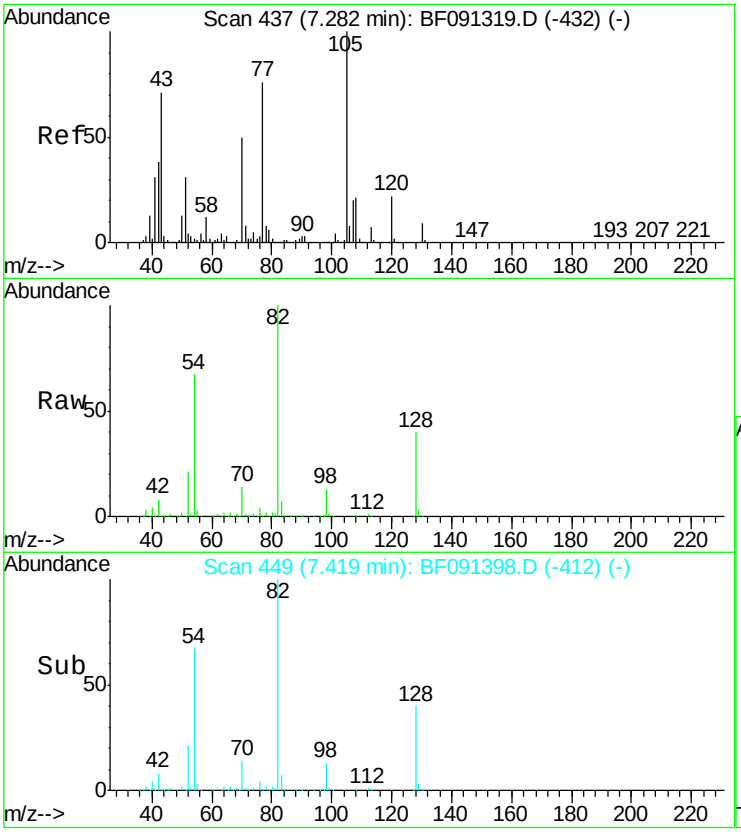


#10
Phenol
Concen: 2.94 ng
RT: 6.49 min Scan# 368
Delta R.T. -0.03 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

Tgt Ion: 94 Resp: 52338

Ion	Ratio	Lower	Upper
94	100		
65	62.7	16.9	56.9#
66	160.0	30.6	70.6#



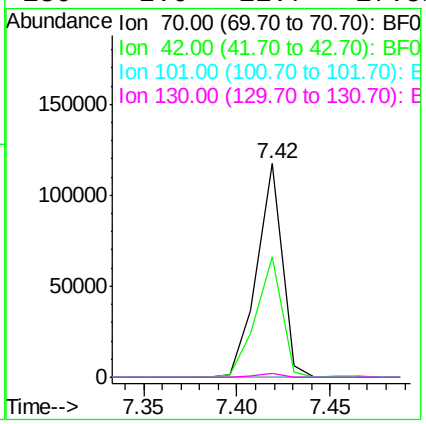


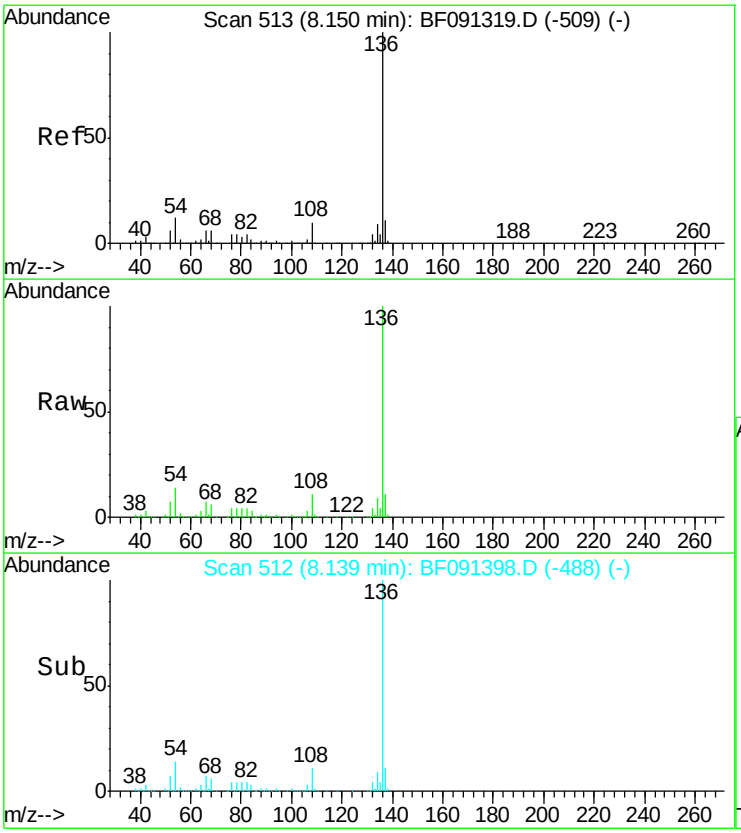
#19
n-Nitroso-di-n-propylamine
Concen: 11.66 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.12 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

Instrument :
BNA_F
ClientSampleId :
113016-04

Tgt Ion: 70 Resp: 111022

Ion	Ratio	Lower	Upper
70	100		
42	56.5	64.8	97.2#
101	0.0	6.2	9.4#
130	2.0	11.7	17.5#

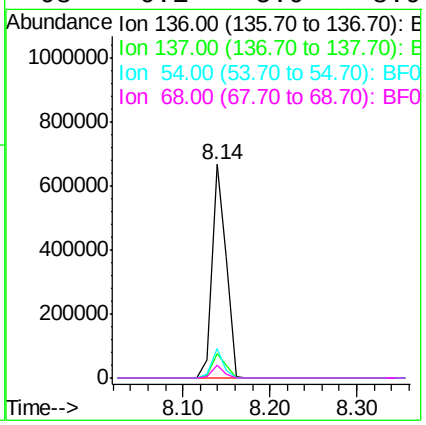


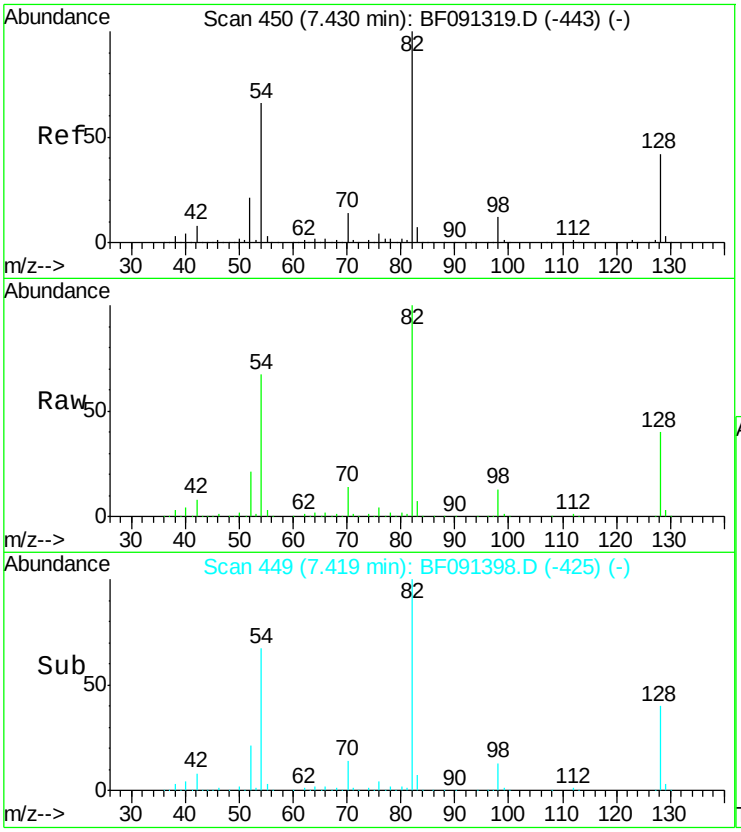


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

Tgt Ion:136 Resp: 760862

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	13.7	9.1	13.7#
68	6.1	5.9	8.9



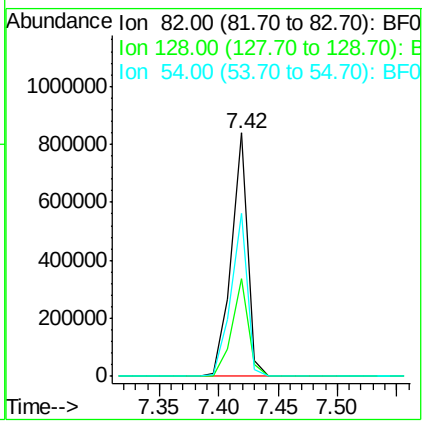


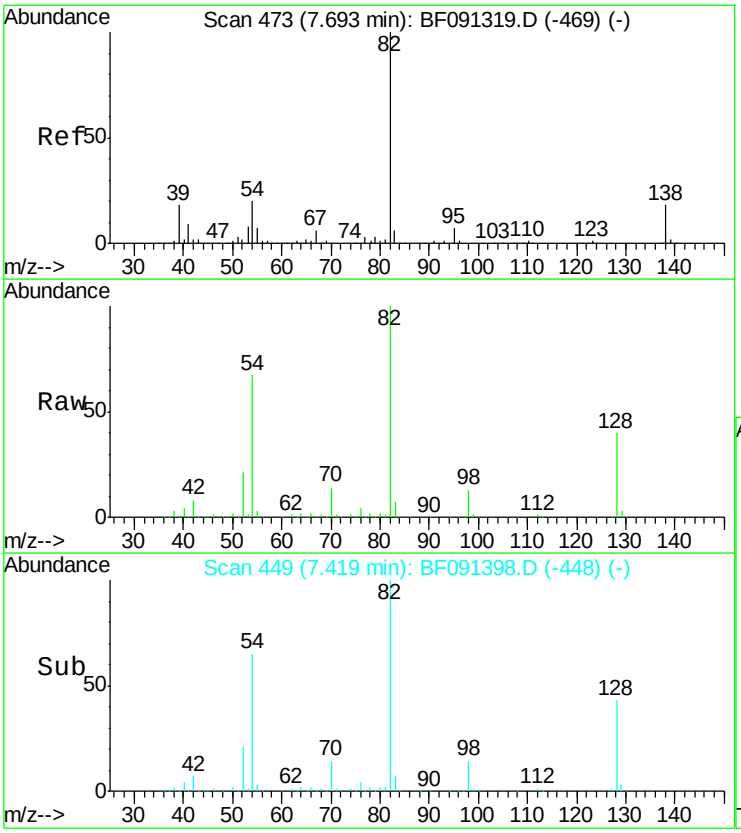
#23
Nitrobenzene-d5
Concen: 59.19 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

Instrument :
BNA_F
ClientSampleId :
113016-04

Tgt Ion: 82 Resp: 803596

Ion	Ratio	Lower	Upper
82	100		
128	40.3	31.8	47.6
54	67.1	49.1	73.7

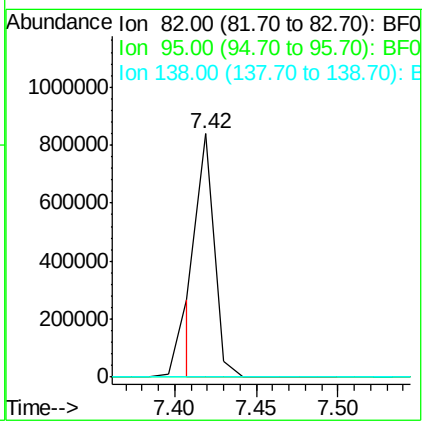


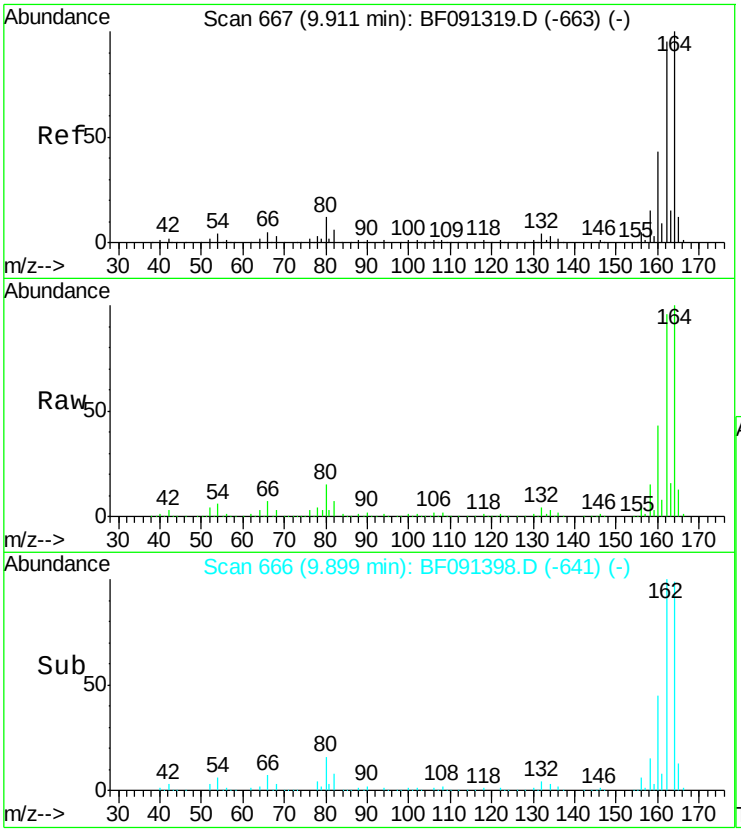


#25
Isophorone
Concen: 25.53 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.29 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

Tgt Ion: 82 Resp: 614178

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



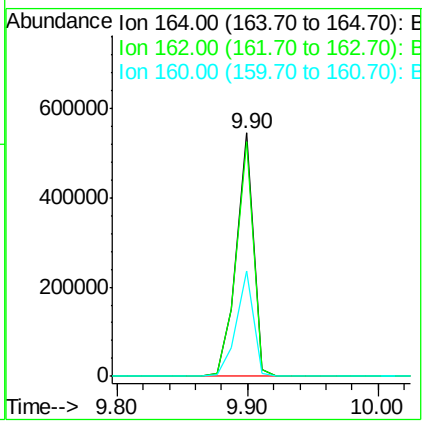


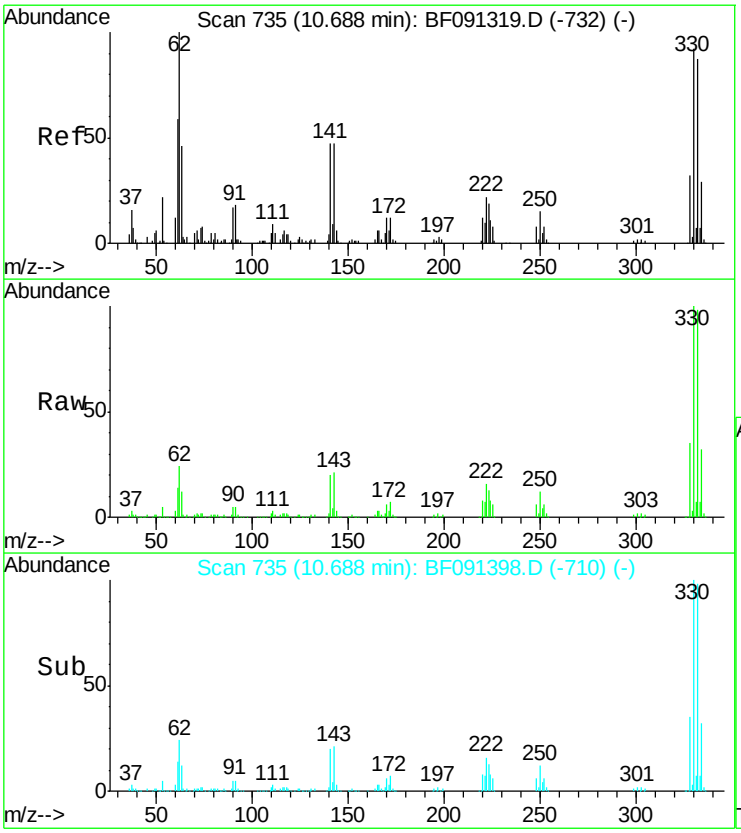
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

Instrument :
BNA_F
ClientSampleId :
113016-04

Tgt Ion:164 Resp: 493068

Ion	Ratio	Lower	Upper
164	100		
162	96.4	82.6	124.0
160	43.4	36.7	55.1

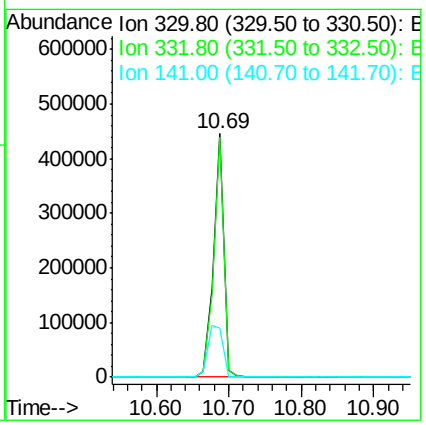


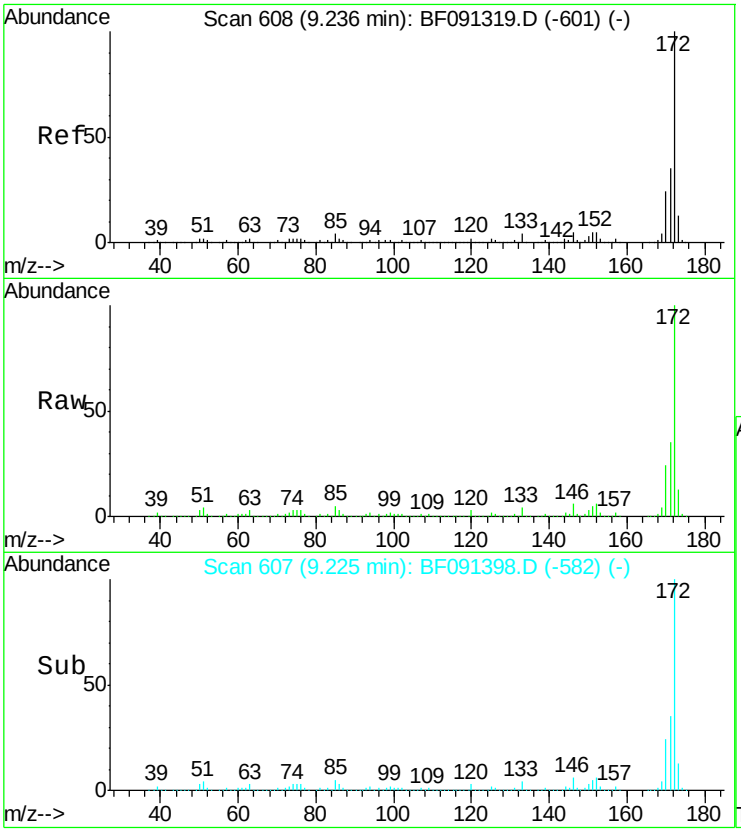


#41
2,4,6-Tribromophenol
Concen: 94.47 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

Tgt Ion:330 Resp: 441002

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	31.0	33.6	50.4#



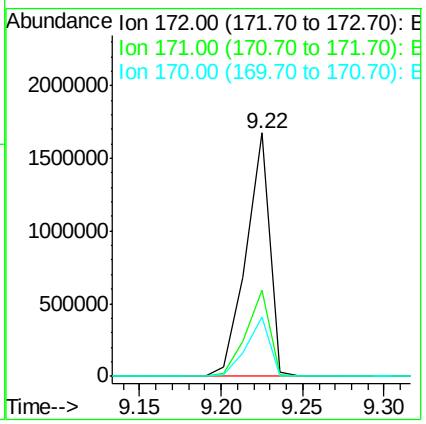


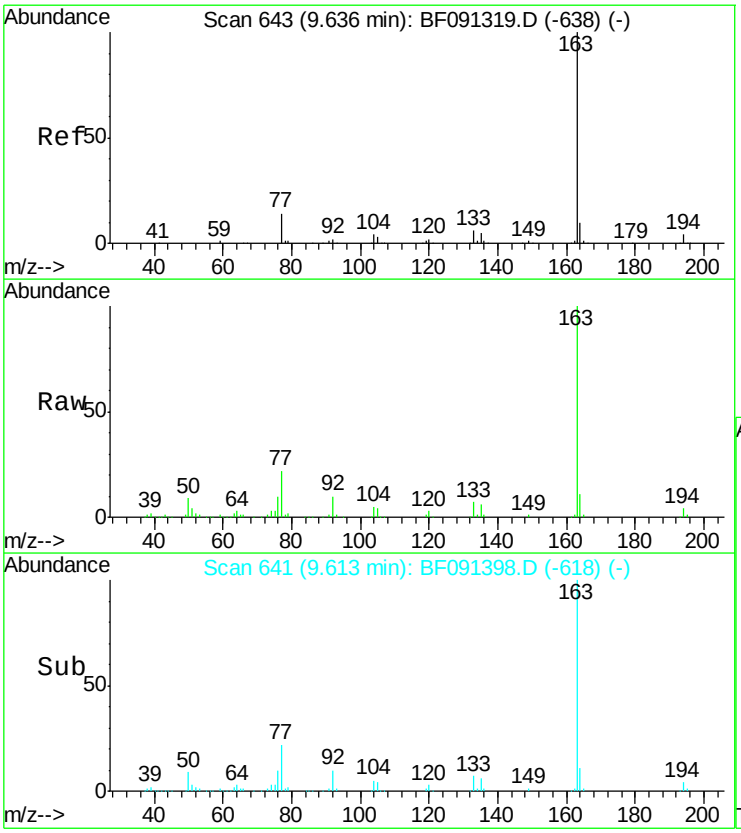
#44
2-Fluorobiphenyl
Concen: 61.69 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

Instrument :
BNA_F
ClientSampleId :
113016-04

Tgt Ion:172 Resp: 1679987

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.4	44.0
170	24.1	19.7	29.5

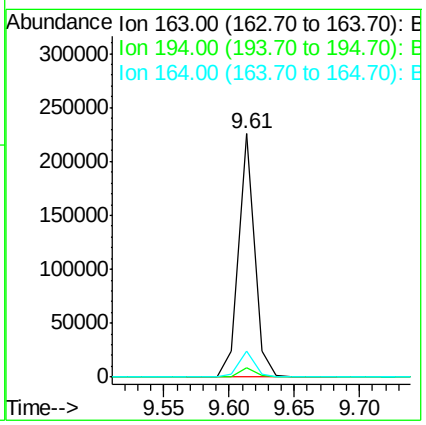


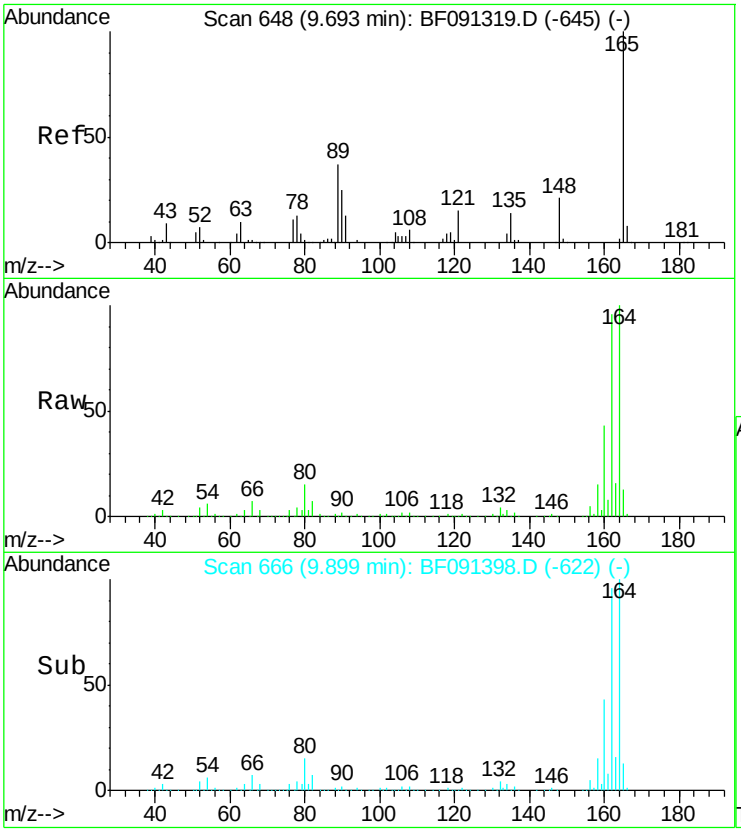


#49
Dimethylphthalate
Concen: 6.35 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.04 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

Tgt Ion:163 Resp: 189727

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.8	7.8	11.8



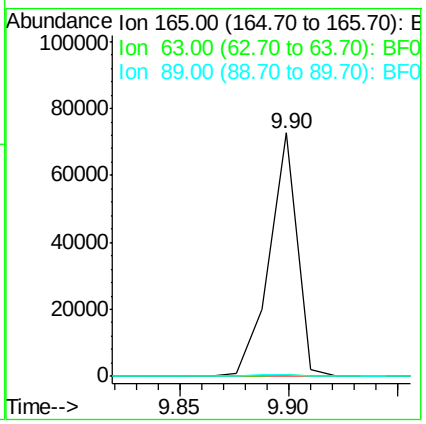


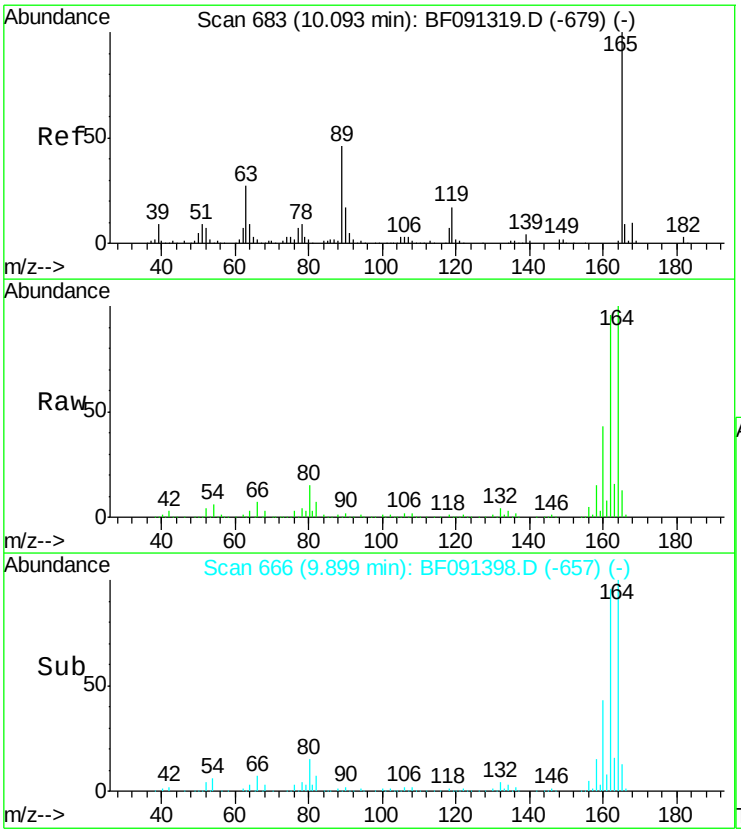
#50
2,6-Dinitrotoluene
Concen: 9.83 ng
RT: 9.90 min Scan# 666
Delta R.T. 0.20 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

Instrument :
BNA_F
ClientSampleId :
113016-04

Tgt Ion:165 Resp: 65619

Ion	Ratio	Lower	Upper
165	100		
63	0.8	59.4	89.0#
89	0.8	50.8	76.2#

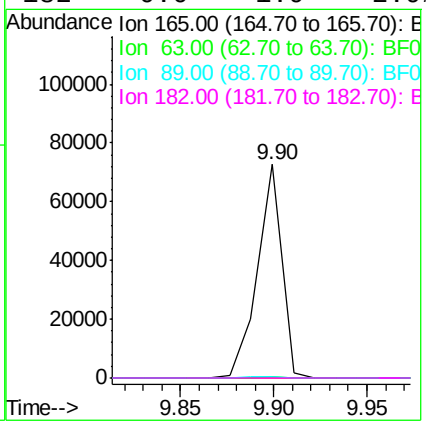


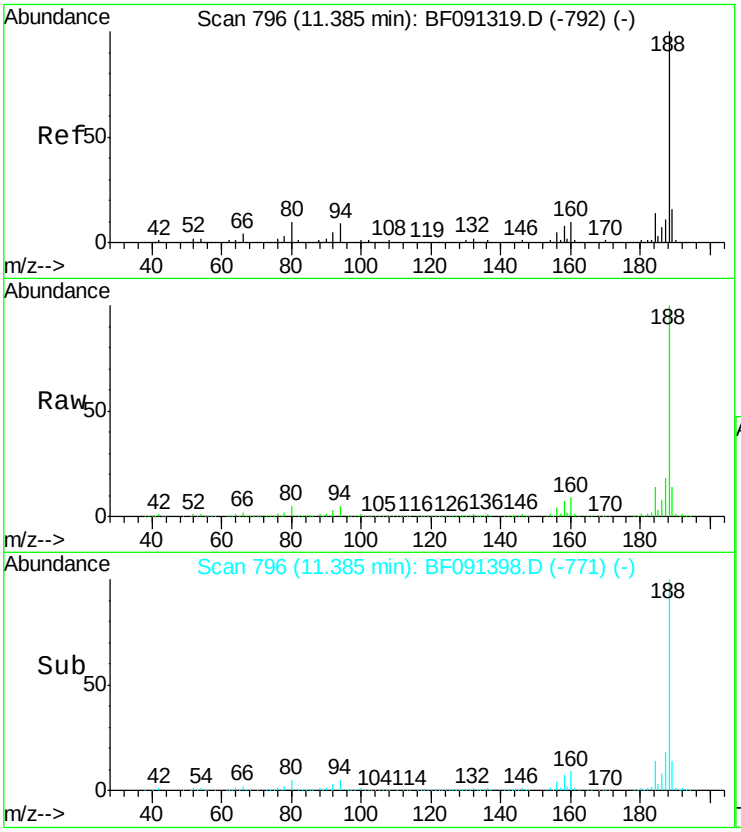


#56
2,4-Dinitrotoluene
Concen: 7.58 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.20 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

Tgt Ion:165 Resp: 65621

Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.0	43.4#
89	0.8	43.1	64.7#
182	0.0	1.9	2.9#



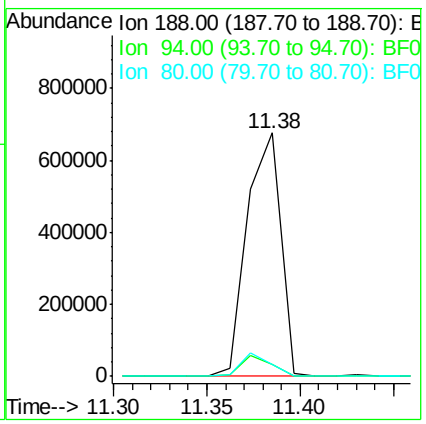


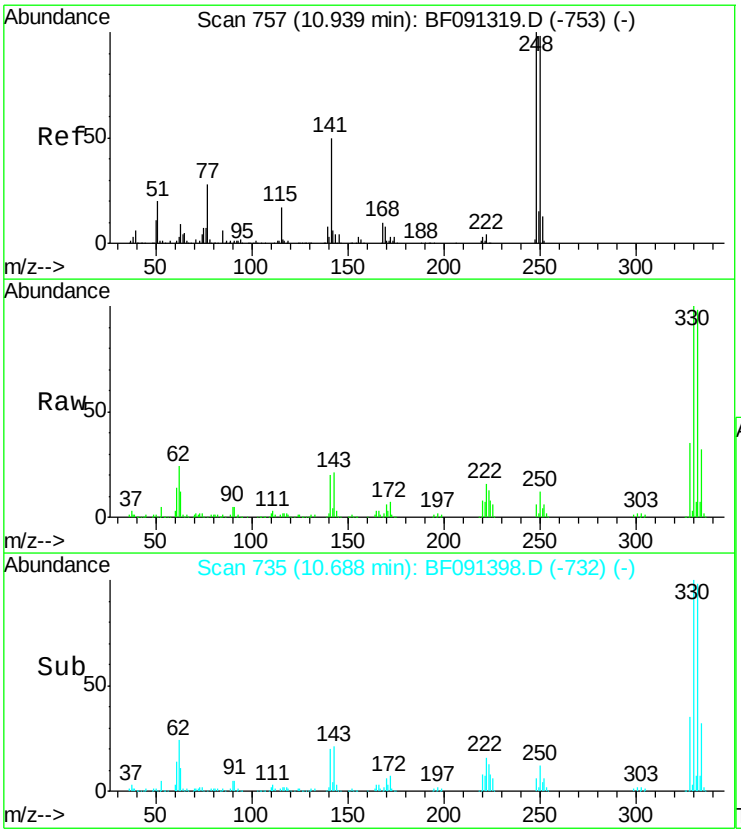
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

Instrument :
BNA_F
ClientSampleId :
113016-04

Tgt Ion:188 Resp: 842517

Ion	Ratio	Lower	Upper
188	100		
94	4.8	9.2	13.8#
80	4.8	10.5	15.7#

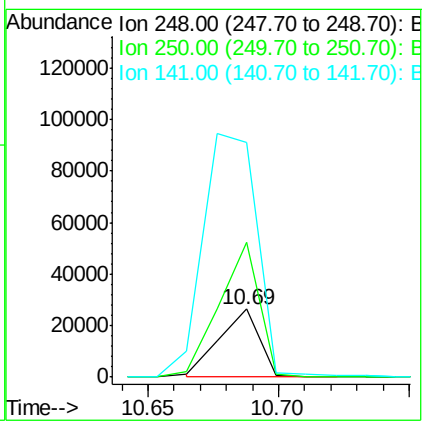


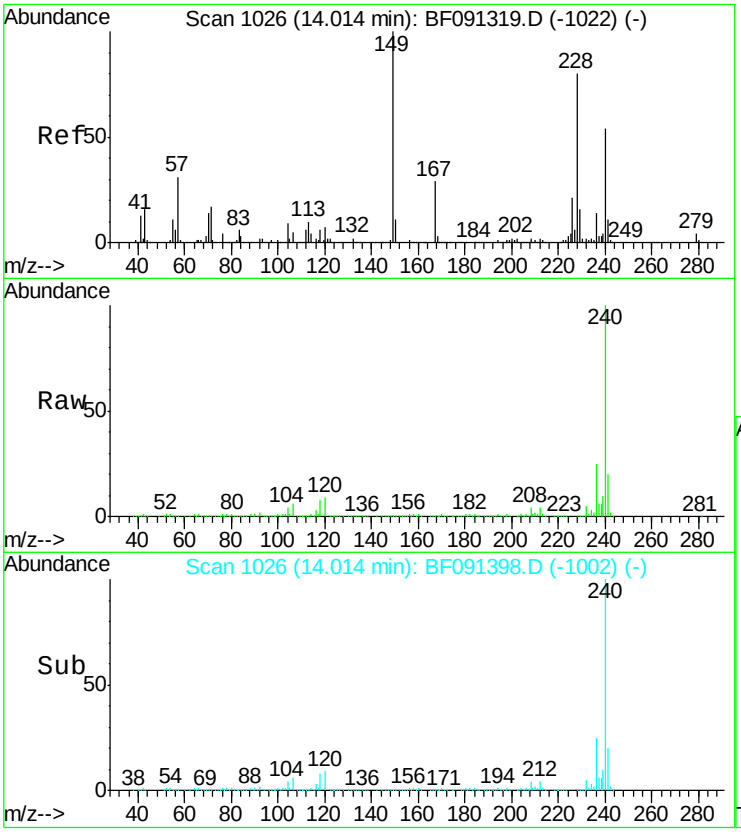


#66
4-Bromophenyl-phenylether
Concen: 3.10 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

Tgt Ion:248 Resp: 28094

Ion	Ratio	Lower	Upper
248	100		
250	198.3	78.2	117.4#
141	344.5	71.9	107.9#



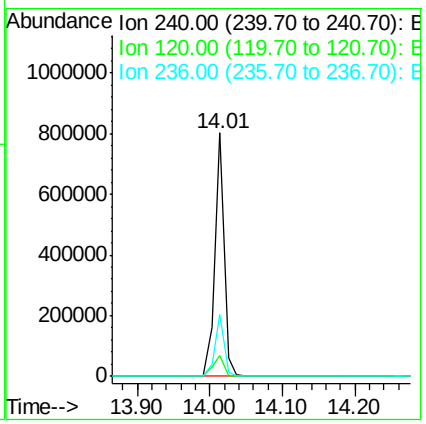


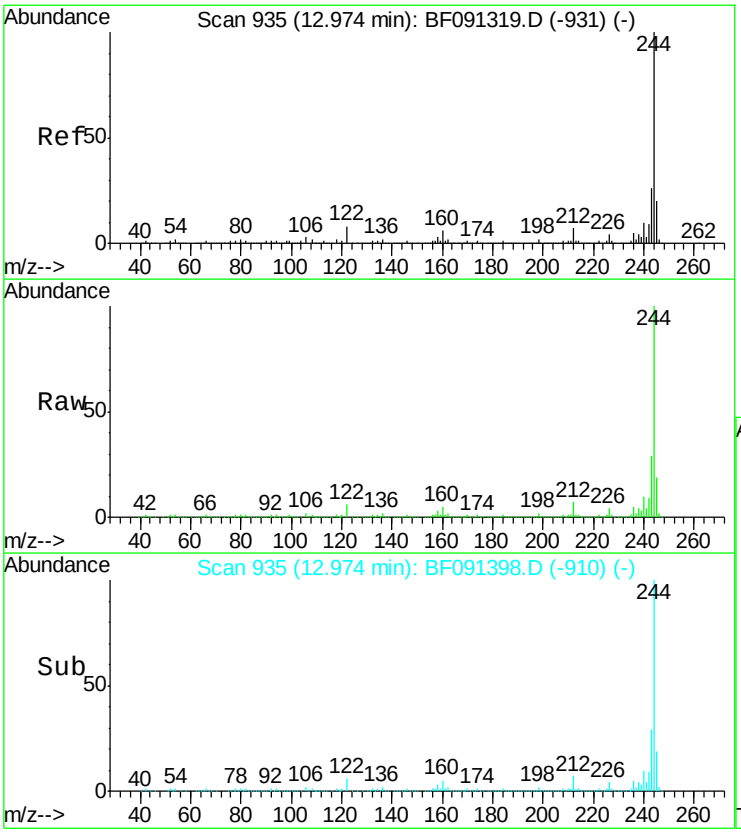
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

Instrument :
BNA_F
ClientSampleId :
113016-04

Tgt Ion:240 Resp: 713375

Ion	Ratio	Lower	Upper
240	100		
120	8.8	12.1	18.1#
236	25.5	21.0	31.6

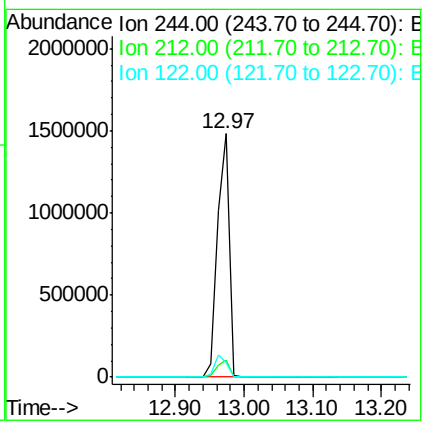


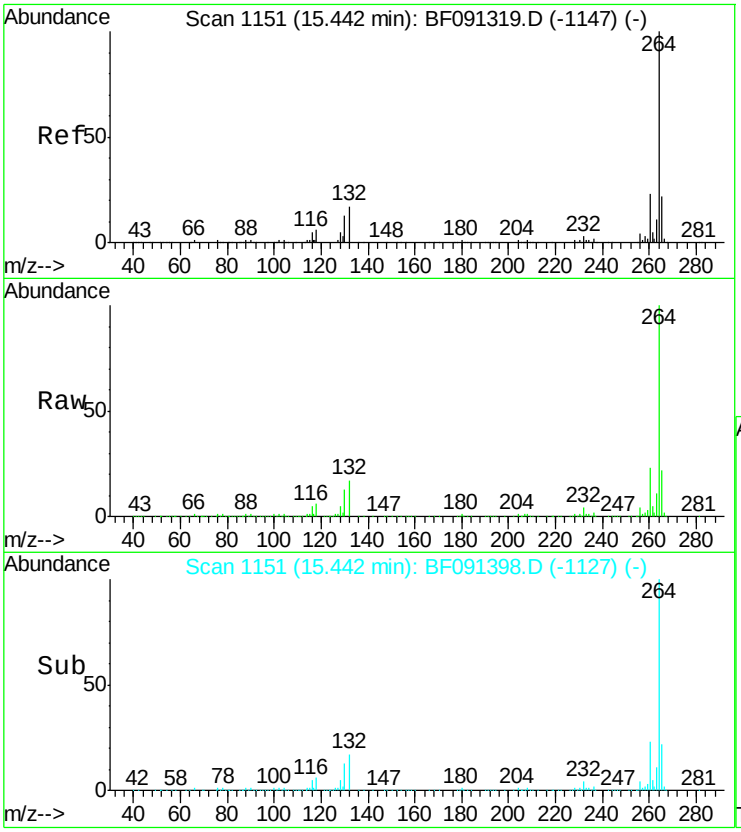


#78
Terphenyl-d14
Concen: 54.38 ng
RT: 12.97 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

Tgt Ion:244 Resp: 1784958

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.5	9.7
122	5.9	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

Instrument :
BNA_F
ClientSampleId :
113016-04

Tgt Ion:264 Resp: 519023

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.8	28.2
265	21.7	17.0	25.6