Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091508.D
Acq On : 8 Dec 2016 17:53
Operator : UM/SJ
Sample : H5867-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N002-WD-OF-02-01

Quant Time: Dec 09 00:07:56 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	6.97	152	424719	20.00	ng	0.10
21) Naphthalene-d8	8.10	136	601955	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	359662	20.00	ng	-0.06
63) Phenanthrene-d10	11.34	188	617984	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	580978	20.00	ng	-0.07
86) Perylene-d12	15.39	264	447236	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1339984	51.54	ng	-0.03
7) Phenol-d6	6.46	99	1109678	34.67	ng	-0.04
23) Nitrobenzene-d5	7.38	82	822070	76.53	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	400279	117.56	ng	-0.06
44) 2-Fluorobiphenyl	9.18	172	1439868	72.49	ng	-0.06
78) Terphenyl-d14	12.93	244	1953180	73.07	ng	-0.06
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	113415	5.62	ng	# 71
50) 2,6-Dinitrotoluene	9.85	165	47870	9.83	ng	# 16
56) 2,4-Dinitrotoluene	9.85	165	47862	7.58	ng	# 33
66) 4-Bromophenyl-phenylether	10.64	248	25154	3.79	ng	# 1

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

Quantitation Report (Not Reviewed)

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Acq On : 8 Dec 2016 17:53
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Sample : H5867-10
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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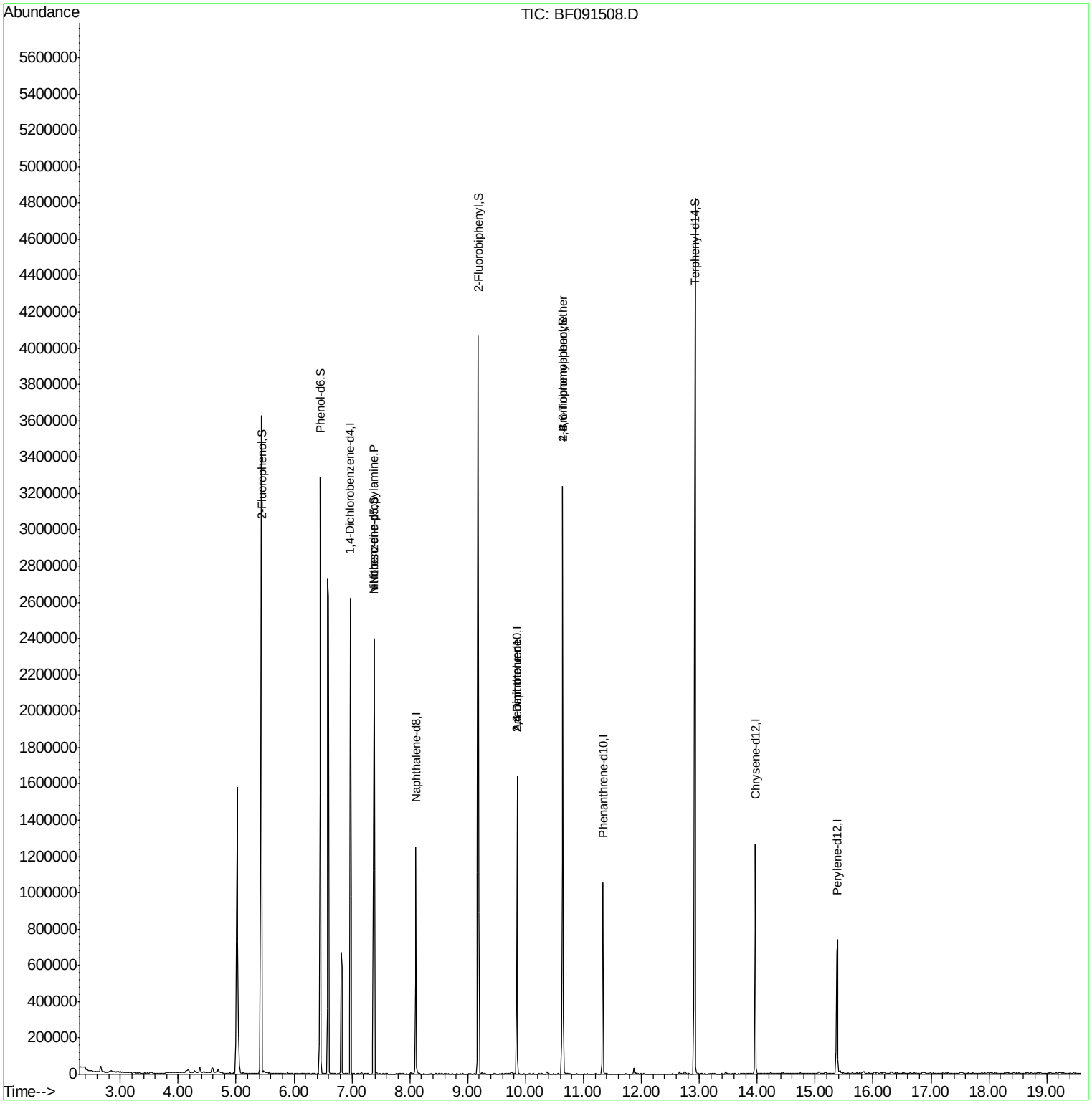
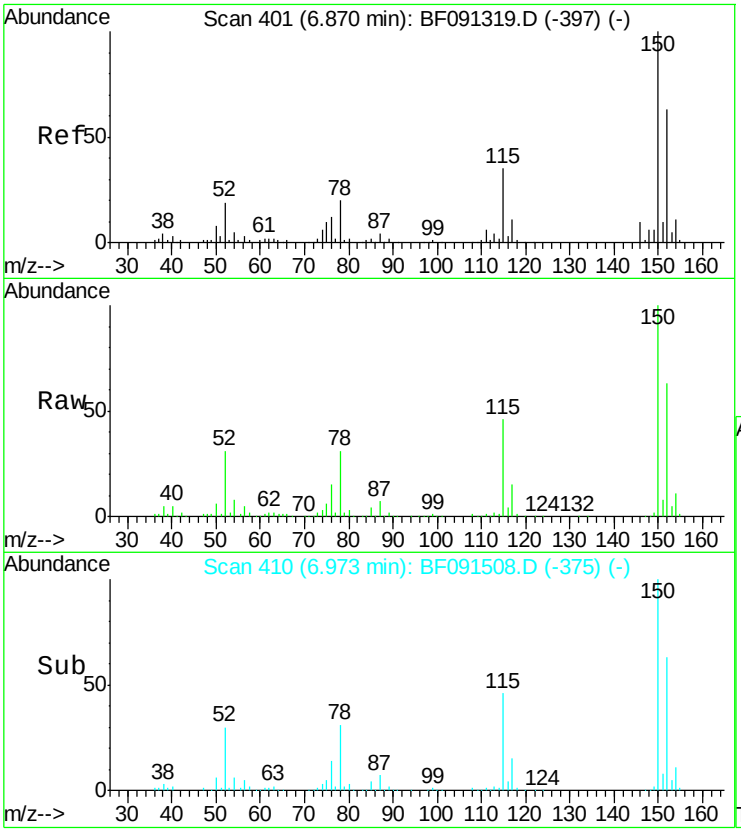


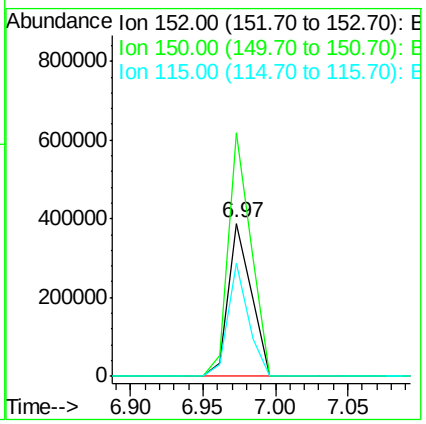


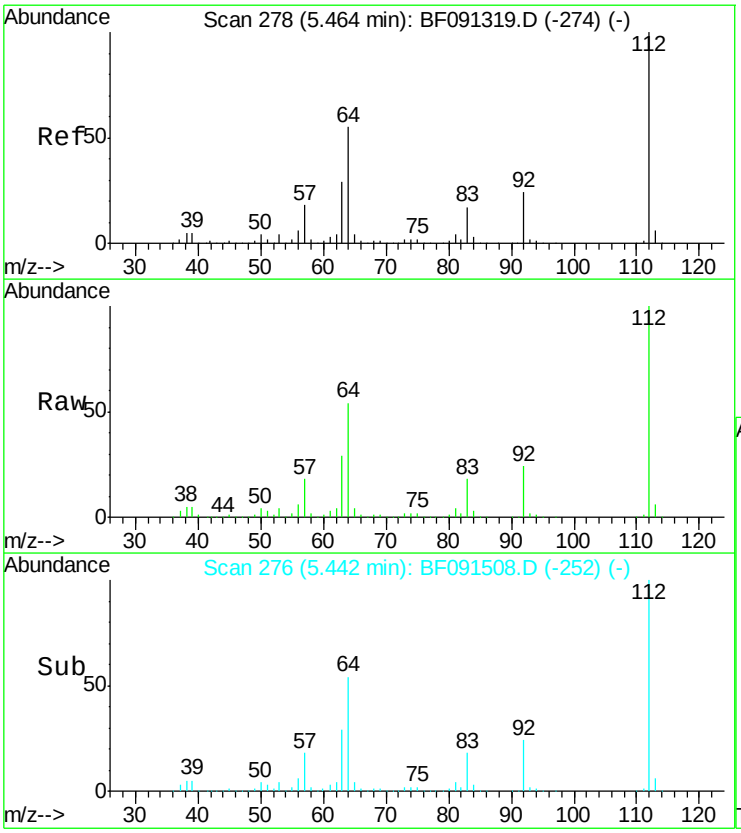
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. 0.10 min
Lab File: BF091508.D
Acq: 8 Dec 2016 17:53

Instrument :
BNA_F
ClientSampleId :
N002-WD-OF-02-01

Tgt Ion:152 Resp: 424719

Ion	Ratio	Lower	Upper
152	100		
150	159.1	122.5	183.7
115	73.6	51.8	77.8

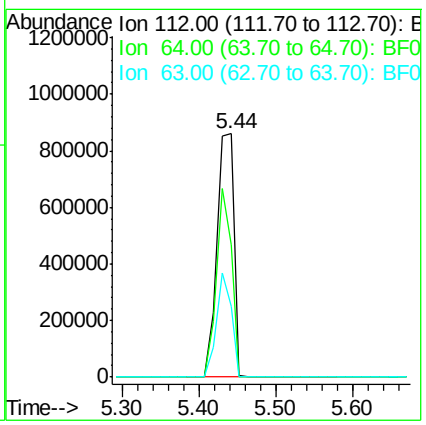


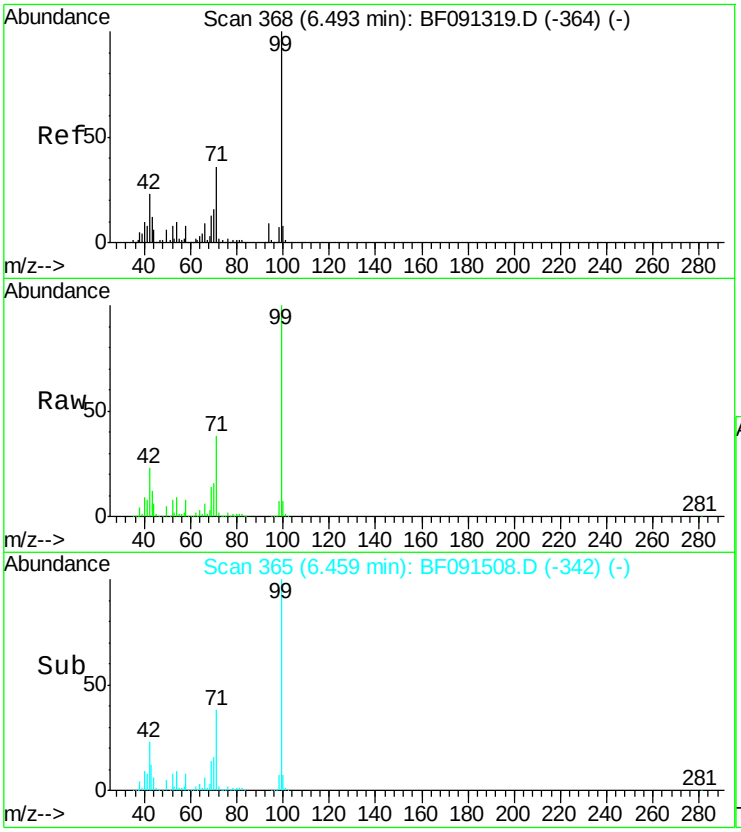


#5
2-Fluorophenol
Concen: 51.54 ng
RT: 5.44 min Scan# 276
Delta R.T. -0.03 min
Lab File: BF091508.D
Acq: 8 Dec 2016 17:53

Tgt Ion:112 Resp: 1339984

Ion	Ratio	Lower	Upper
112	100		
64	54.4	61.5	92.3#
63	28.8	33.3	49.9#



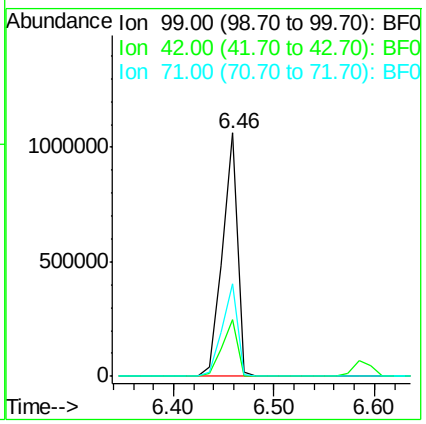


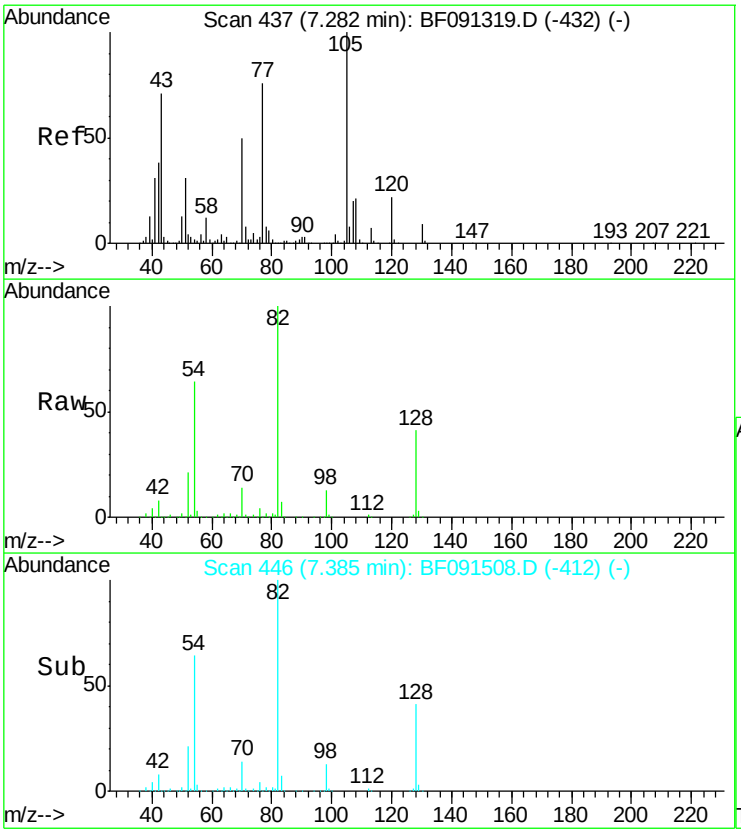
#7
Phenol-d6
Concen: 34.67 ng
RT: 6.46 min Scan# 365
Delta R.T. -0.04 min
Lab File: BF091508.D
Acq: 8 Dec 2016 17:53

Instrument :
BNA_F
ClientSampleId :
N002-WD-OF-02-01

Tgt Ion: 99 Resp: 1109678

Ion	Ratio	Lower	Upper
99	100		
42	23.2	20.6	31.0
71	38.0	29.9	44.9

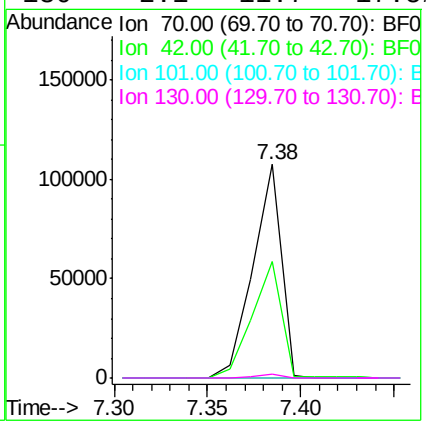


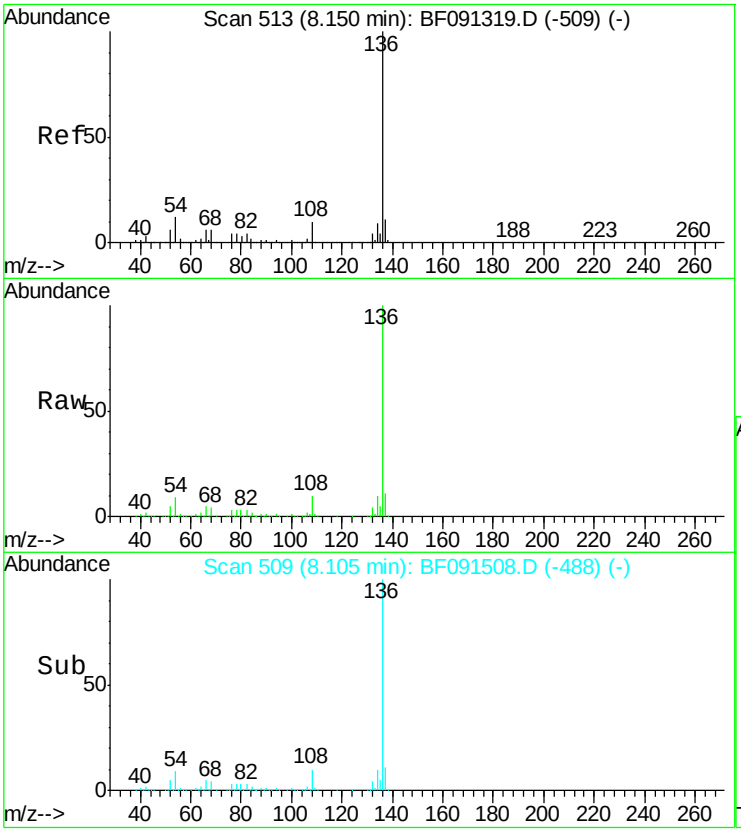


#19
n-Nitroso-di-n-propylamine
Concen: 5.62 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.09 min
Lab File: BF091508.D
Acq: 8 Dec 2016 17:53

Tgt Ion: 70 Resp: 113415

Ion	Ratio	Lower	Upper
70	100		
42	54.7	64.8	97.2#
101	0.0	6.2	9.4#
130	2.1	11.7	17.5#



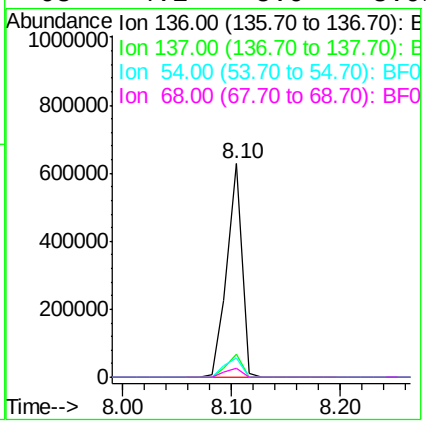


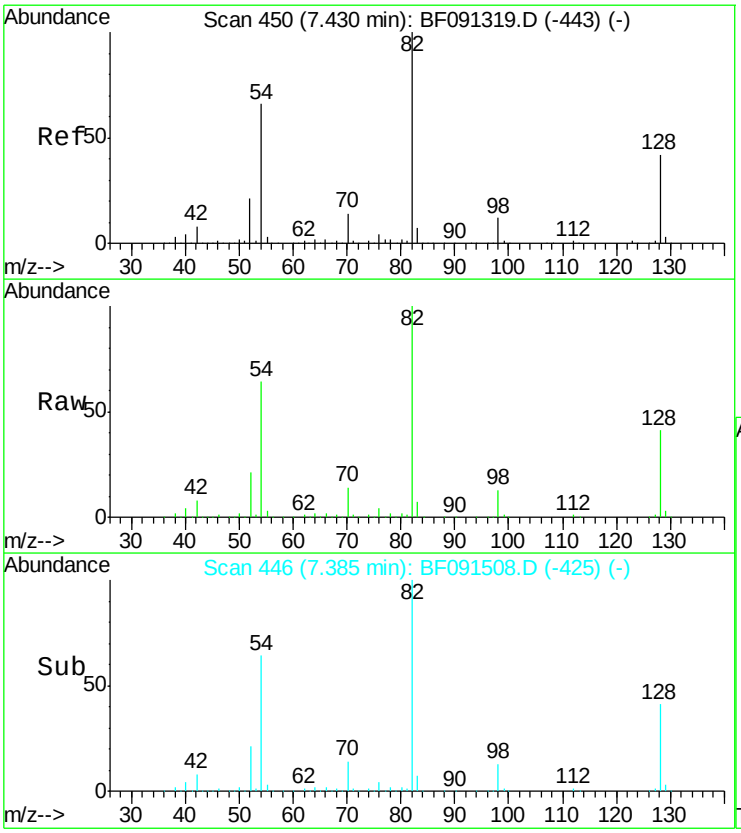
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.06 min
Lab File: BF091508.D
Acq: 8 Dec 2016 17:53

Instrument :
BNA_F
ClientSampleId :
N002-WD-OF-02-01

Tgt Ion:136 Resp: 601955

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	9.0	9.1	13.7#
68	4.2	5.9	8.9#

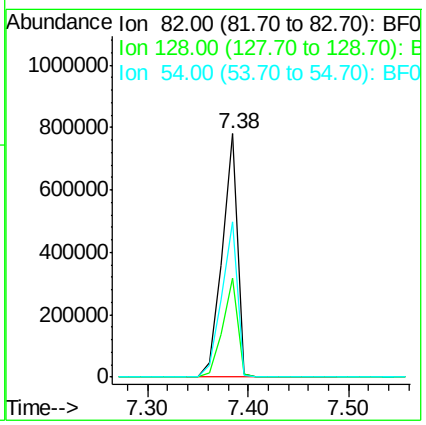


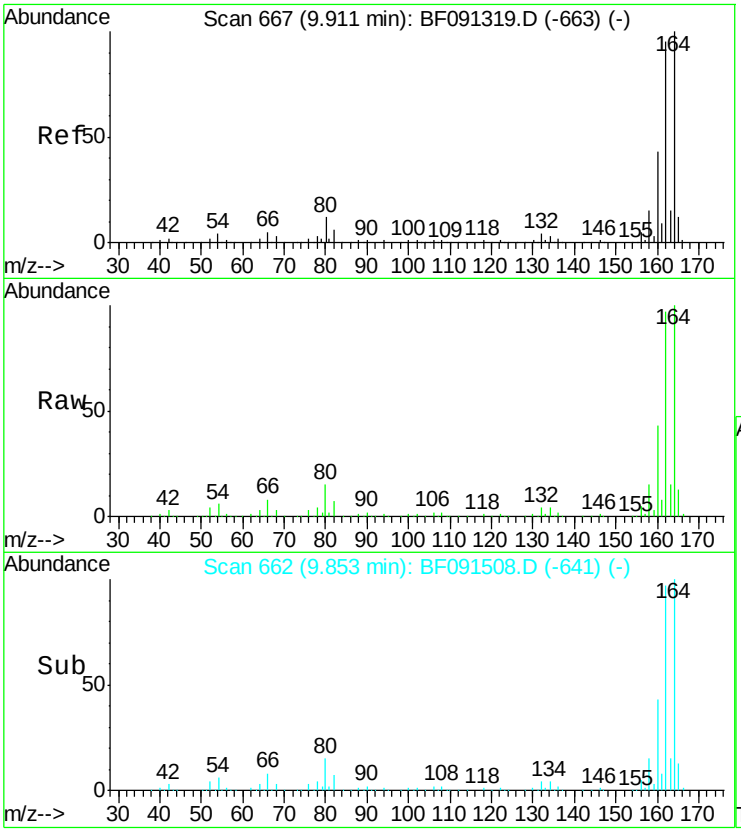


#23
Nitrobenzene-d5
Concen: 76.53 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.06 min
Lab File: BF091508.D
Acq: 8 Dec 2016 17:53

Tgt Ion: 82 Resp: 822070

Ion	Ratio	Lower	Upper
82	100		
128	40.8	31.8	47.6
54	64.0	49.1	73.7



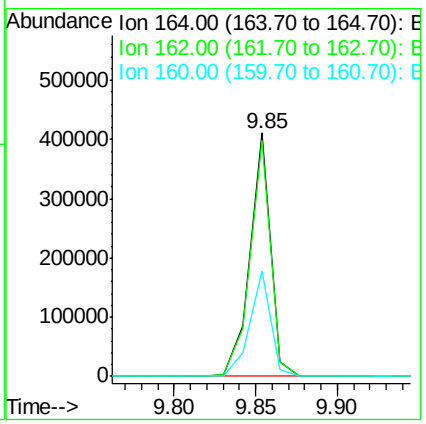


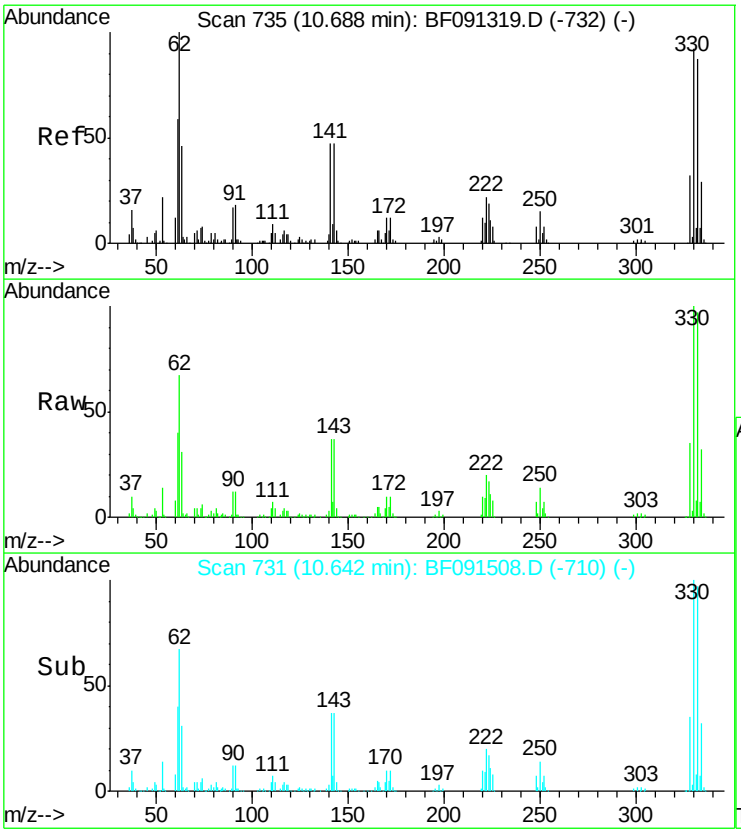
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.06 min
Lab File: BF091508.D
Acq: 8 Dec 2016 17:53

Instrument :
BNA_F
ClientSampleId :
N002-WD-OF-02-01

Tgt Ion:164 Resp: 359662

Ion	Ratio	Lower	Upper
164	100		
162	97.0	82.6	124.0
160	43.5	36.7	55.1

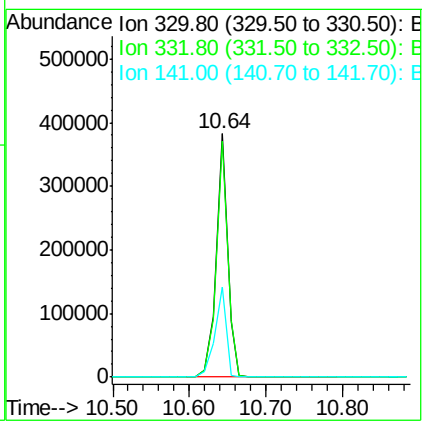


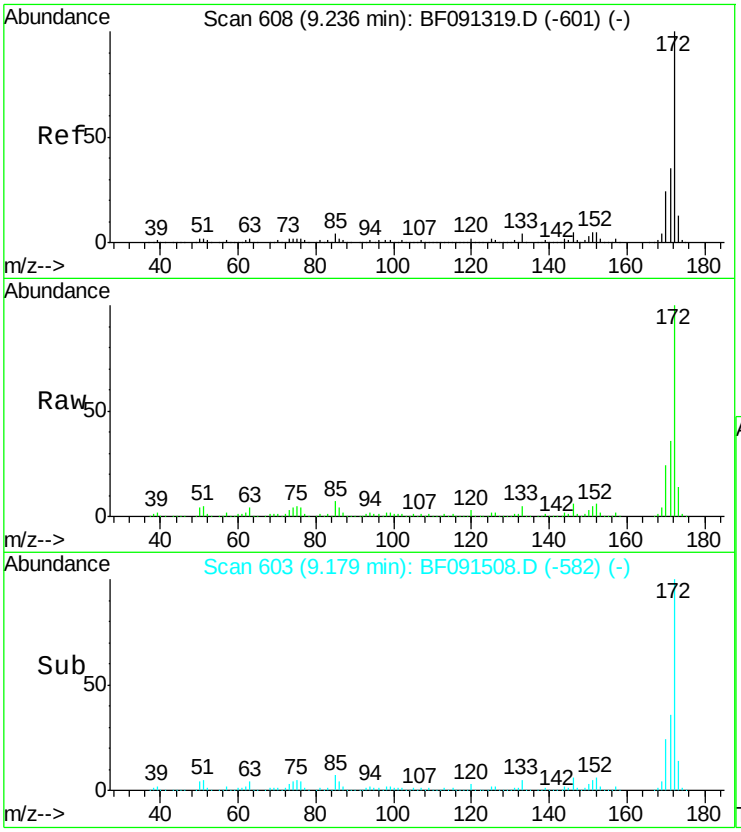


#41
2,4,6-Tribromophenol
Concen: 117.56 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.06 min
Lab File: BF091508.D
Acq: 8 Dec 2016 17:53

Tgt Ion:330 Resp: 400279

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.2	114.4
141	35.0	33.6	50.4



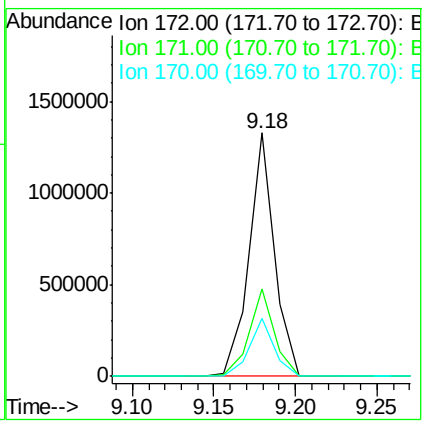


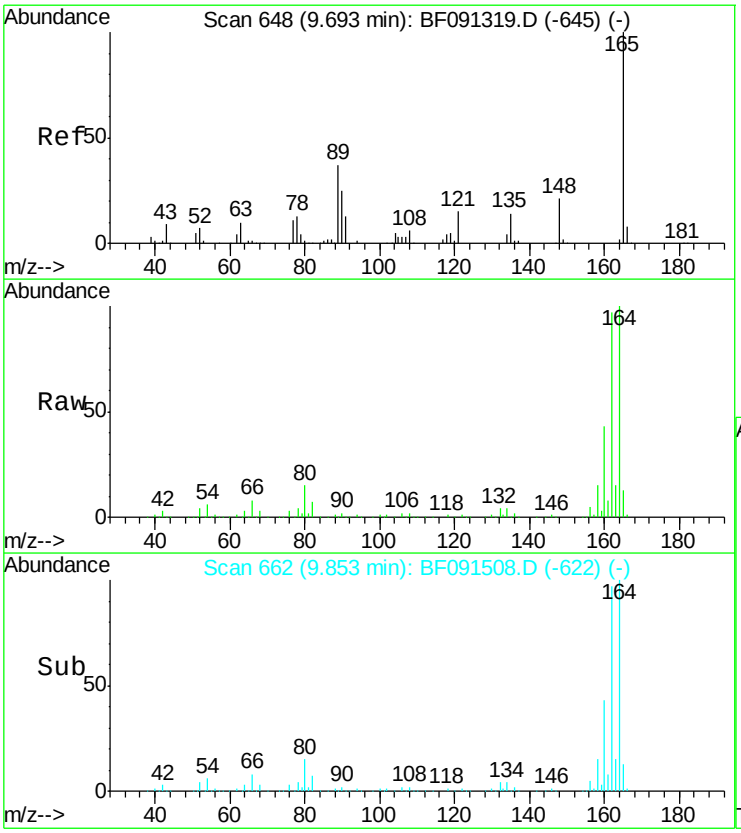
#44
2-Fluorobiphenyl
Concen: 72.49 ng
RT: 9.18 min Scan# 603
Delta R.T. -0.06 min
Lab File: BF091508.D
Acq: 8 Dec 2016 17:53

Instrument :
BNA_F
ClientSampleId :
N002-WD-OF-02-01

Tgt Ion:172 Resp: 1439868

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	23.8	19.7	29.5

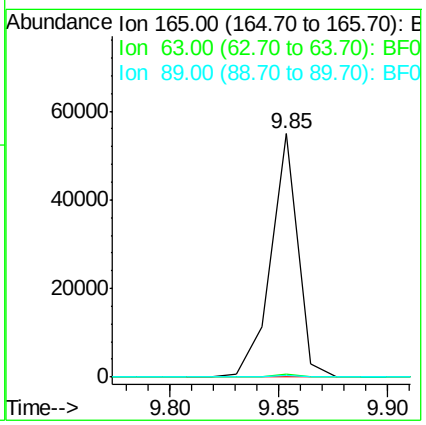


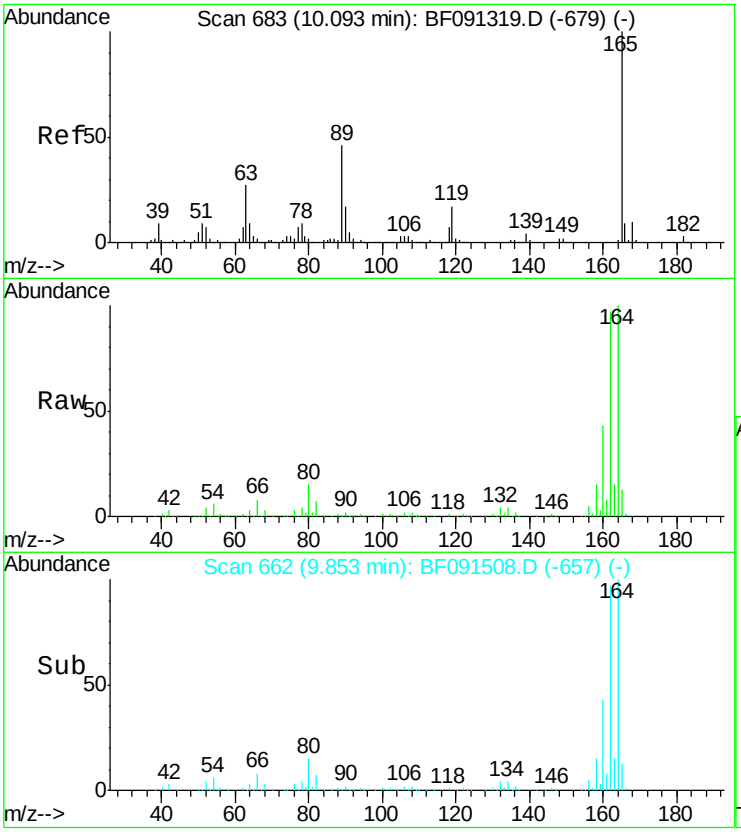


#50
2,6-Dinitrotoluene
Concen: 9.83 ng
RT: 9.85 min Scan# 662
Delta R.T. 0.15 min
Lab File: BF091508.D
Acq: 8 Dec 2016 17:53

Tgt Ion:165 Resp: 47870

Ion	Ratio	Lower	Upper
165	100		
63	1.1	59.4	89.0#
89	0.7	50.8	76.2#



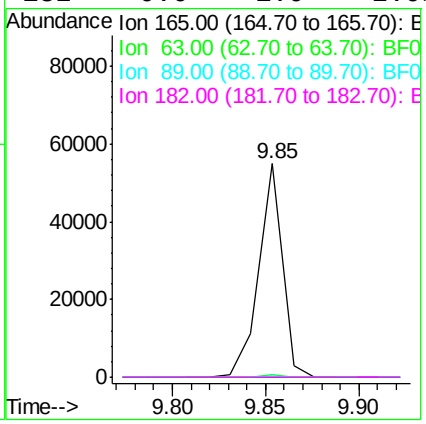


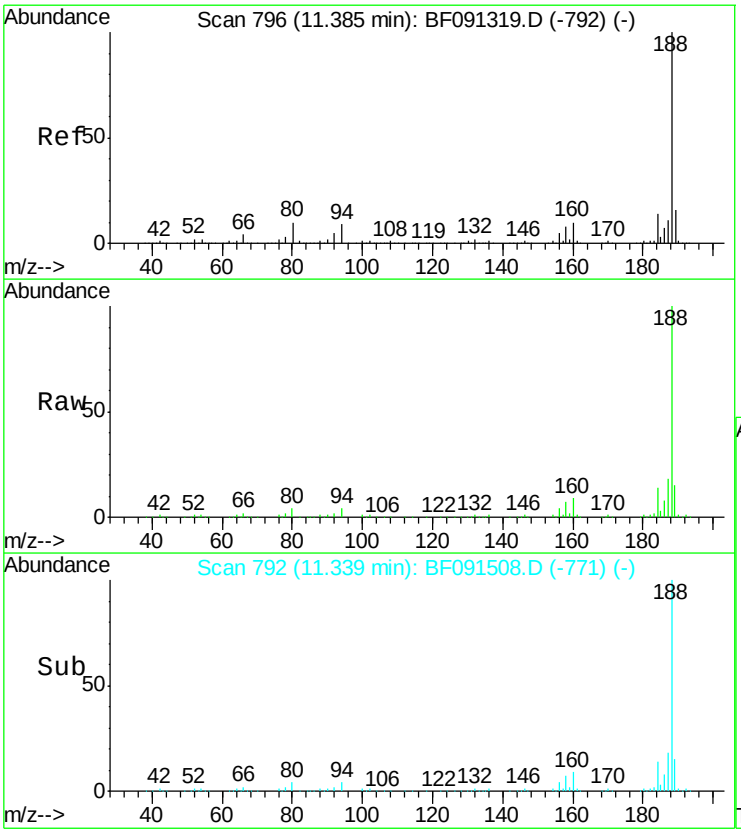
#56
2,4-Dinitrotoluene
Concen: 7.58 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.25 min
Lab File: BF091508.D
Acq: 8 Dec 2016 17:53

Instrument :
BNA_F
ClientSampleId :
N002-WD-OF-02-01

Tgt Ion:165 Resp: 47862

Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.0	43.4#
89	0.7	43.1	64.7#
182	0.0	1.9	2.9#

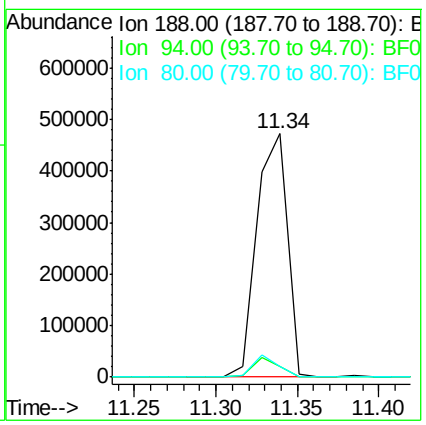


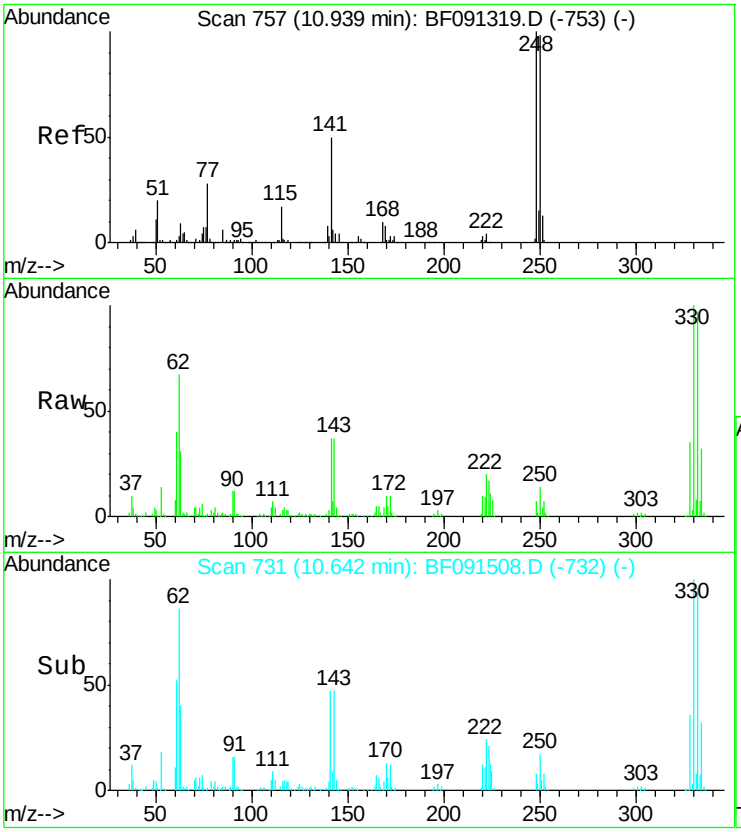


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.06 min
Lab File: BF091508.D
Acq: 8 Dec 2016 17:53

Tgt Ion:188 Resp: 617984

Ion	Ratio	Lower	Upper
188	100		
94	4.4	9.2	13.8#
80	4.4	10.5	15.7#



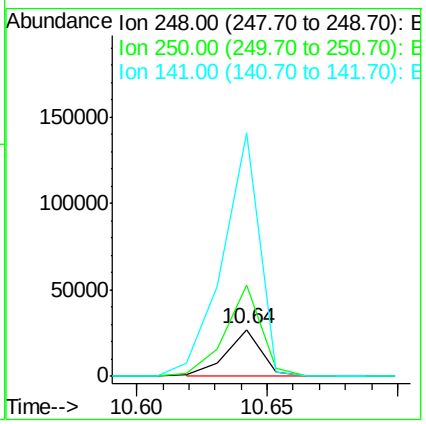


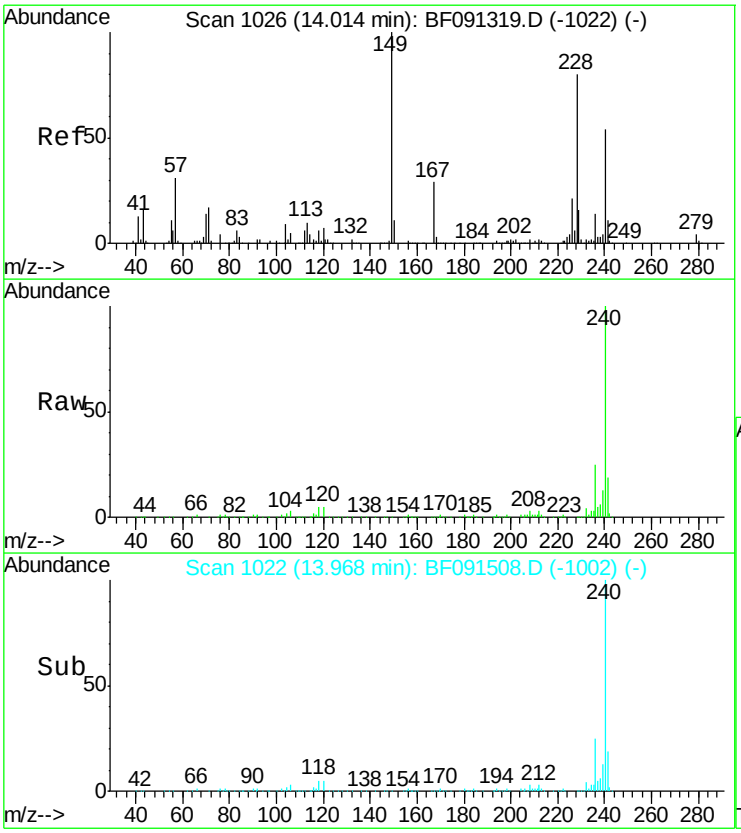
#66
4-Bromophenyl-phenylether
Concen: 3.79 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.31 min
Lab File: BF091508.D
Acq: 8 Dec 2016 17:53

Instrument :
BNA_F
ClientSampleId :
N002-WD-OF-02-01

Tgt Ion:248 Resp: 25154

Ion	Ratio	Lower	Upper
248	100		
250	197.2	78.2	117.4#
141	523.3	71.9	107.9#

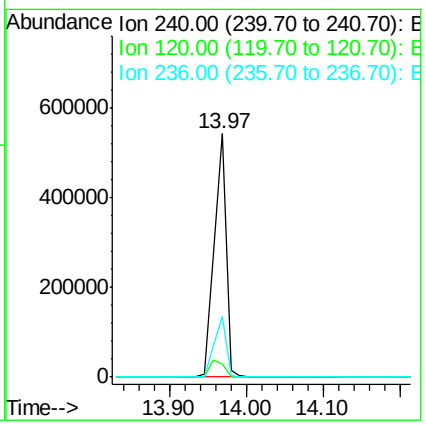


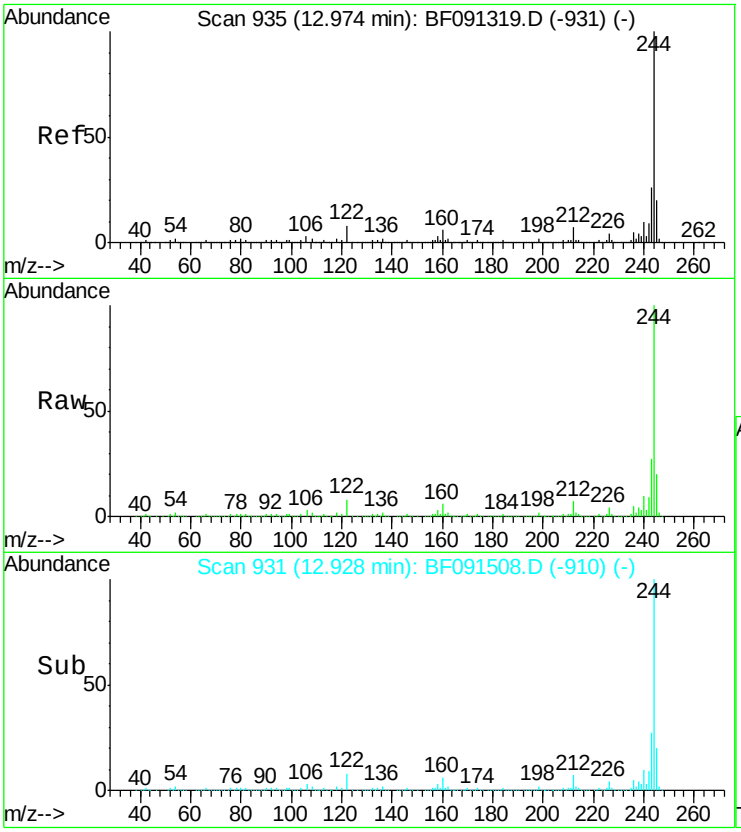


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.07 min
Lab File: BF091508.D
Acq: 8 Dec 2016 17:53

Tgt Ion:240 Resp: 580978

Ion	Ratio	Lower	Upper
240	100		
120	5.4	12.1	18.1#
236	24.9	21.0	31.6



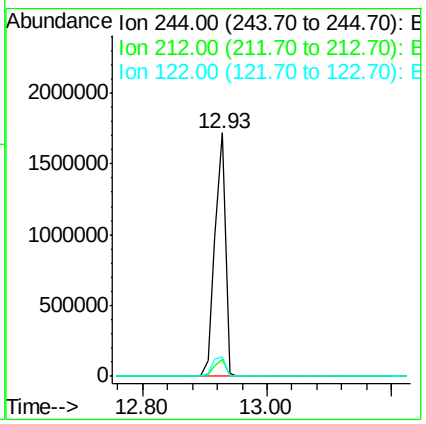


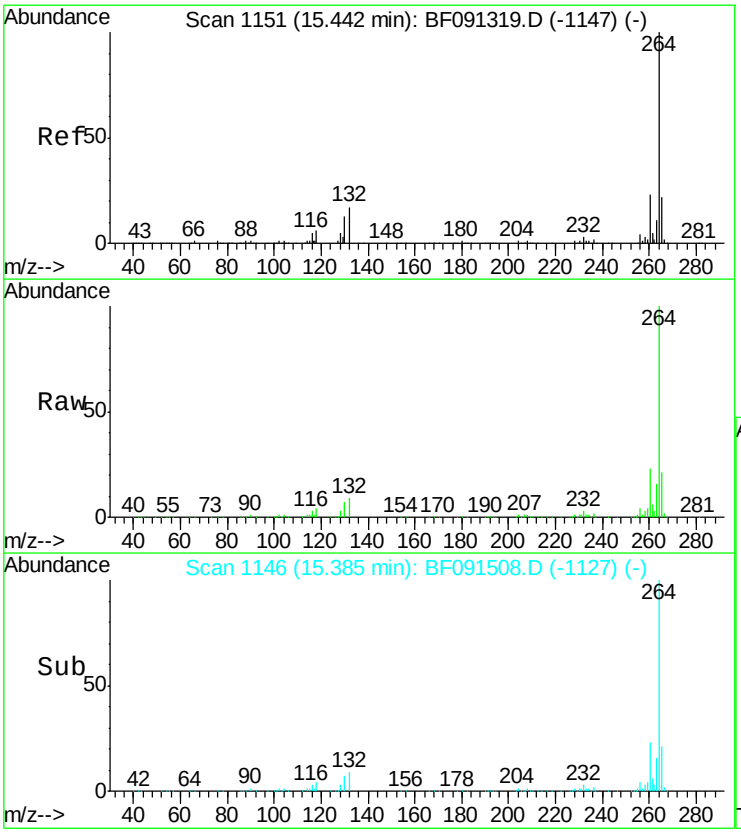
#78
Terphenyl-d14
Concen: 73.07 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.06 min
Lab File: BF091508.D
Acq: 8 Dec 2016 17:53

Instrument :
BNA_F
ClientSampleId :
N002-WD-OF-02-01

Tgt Ion:244 Resp: 1953180

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	7.9	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.09 min
Lab File: BF091508.D
Acq: 8 Dec 2016 17:53

Tgt Ion:264 Resp: 447236

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.8	28.2
265	21.2	17.0	25.6