Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091518.D
Acq On : 8 Dec 2016 22:30
Operator : UM/SJ
Sample : H5886-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJQUILL-FB-1-12-05-16

Quant Time: Dec 09 00:11:09 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	6.81	152	206529	20.00	ng		-0.06
21) Naphthalene-d8	8.10	136	693486	20.00	ng		-0.06
38) Acenaphthene-d10	9.85	164	366230	20.00	ng		-0.06
63) Phenanthrene-d10	11.34	188	725474	20.00	ng		-0.06
75) Chrysene-d12	13.97	240	621024	20.00	ng		-0.07
86) Perylene-d12	15.39	264	397261	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	539405	42.67	ng		-0.04
7) Phenol-d6	6.46	99	477895	30.71	ng		-0.04
23) Nitrobenzene-d5	7.38	82	945117	76.38	ng		-0.06
41) 2,4,6-Tribromophenol	10.64	330	327995	94.60	ng		-0.06
44) 2-Fluorobiphenyl	9.18	172	1183574	58.52	ng		-0.06
78) Terphenyl-d14	12.93	244	1580959	55.33	ng		-0.06
Target Compounds							Qvalue
9) Benzaldehyde	6.58	77	23665	2.36	ng		82
19) n-Nitroso-di-n-propylamine	7.38	70	131064	13.37	ng	#	74
50) 2,6-Dinitrotoluene	9.85	165	48061	9.70	ng	#	16
56) 2,4-Dinitrotoluene	9.85	165	48063	7.48	ng	#	33
66) 4-Bromophenyl-phenylether	10.64	248	19944	2.56	ng	#	1

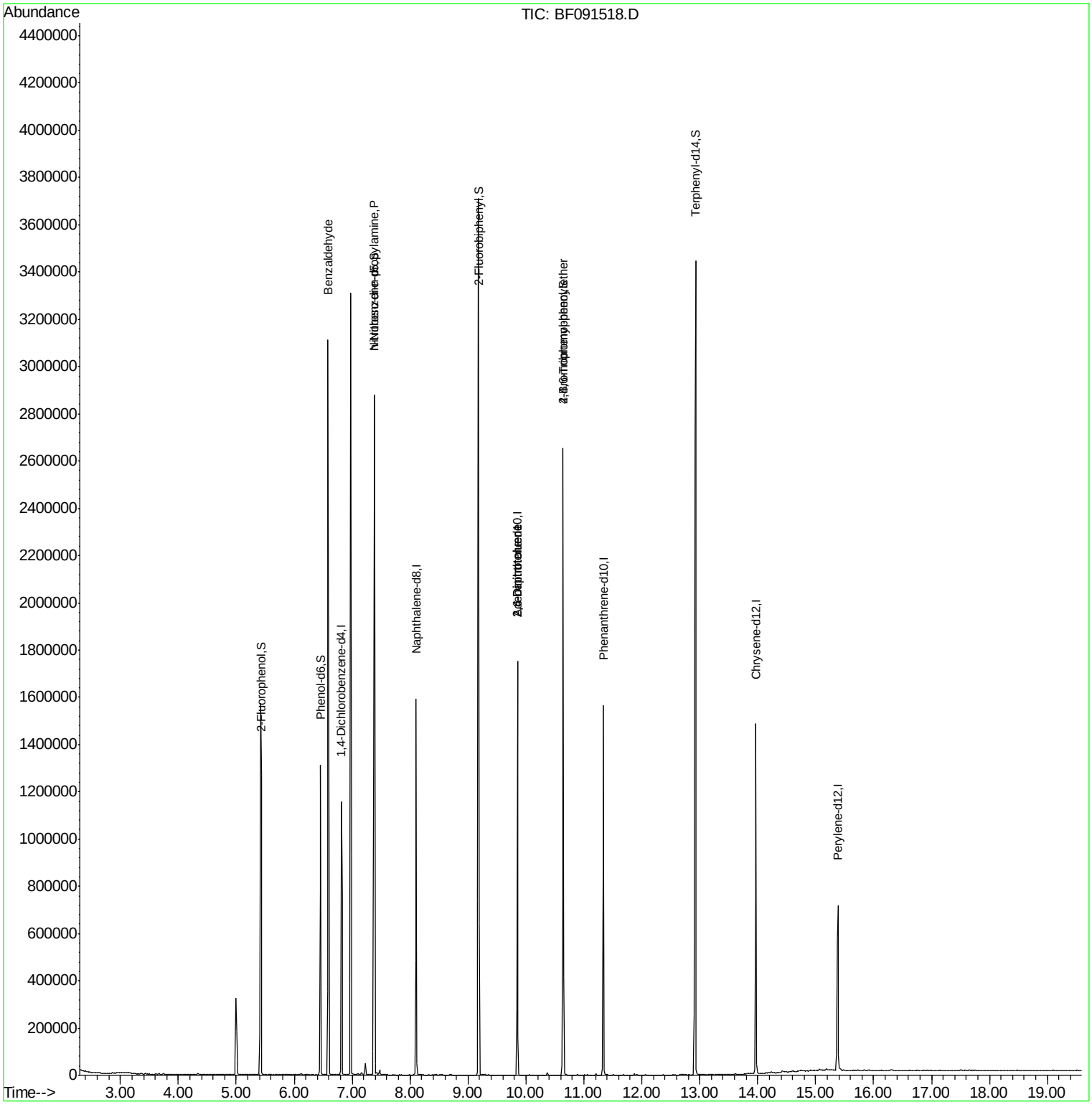
(#) = qualifier out of range (m) = manual integration (+) = signals summed

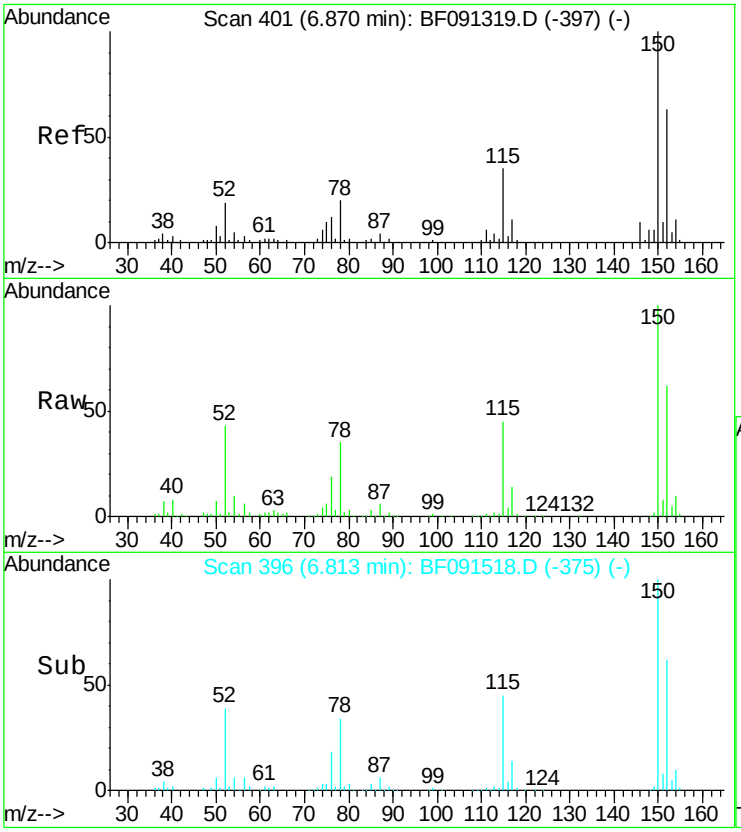
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091518.D
Acq On : 8 Dec 2016 22:30
Operator : UM/SJ
Sample : H5886-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MJQUILL-FB-1-12-05-16

Quant Time: Dec 09 00:11:09 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



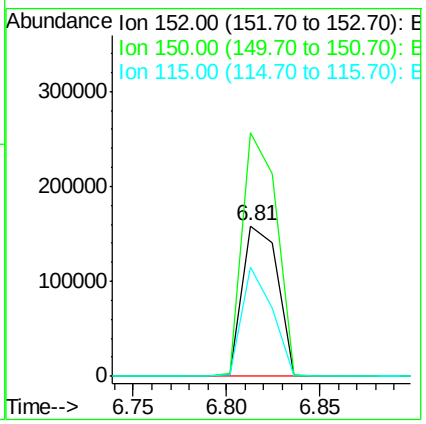


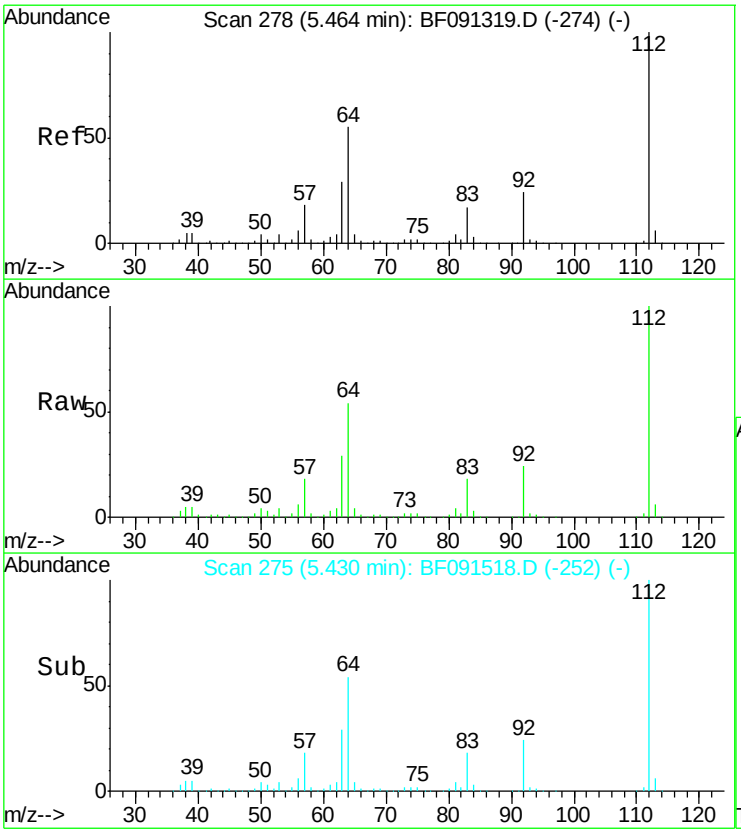
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.06 min
Lab File: BF091518.D
Acq: 8 Dec 2016 22:30

Instrument :
BNA_F
ClientSampleId :
MJQUILL-FB-1-12-05-16

Tgt Ion:152 Resp: 206529

Ion	Ratio	Lower	Upper
152	100		
150	161.8	122.5	183.7
115	72.8	51.8	77.8

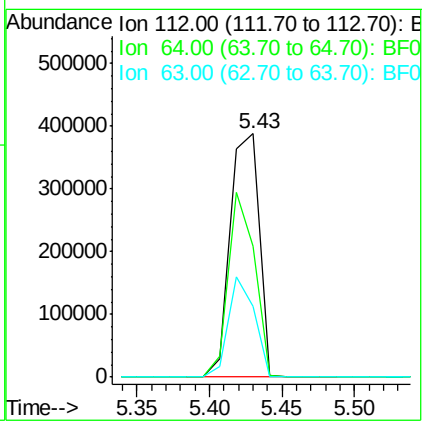


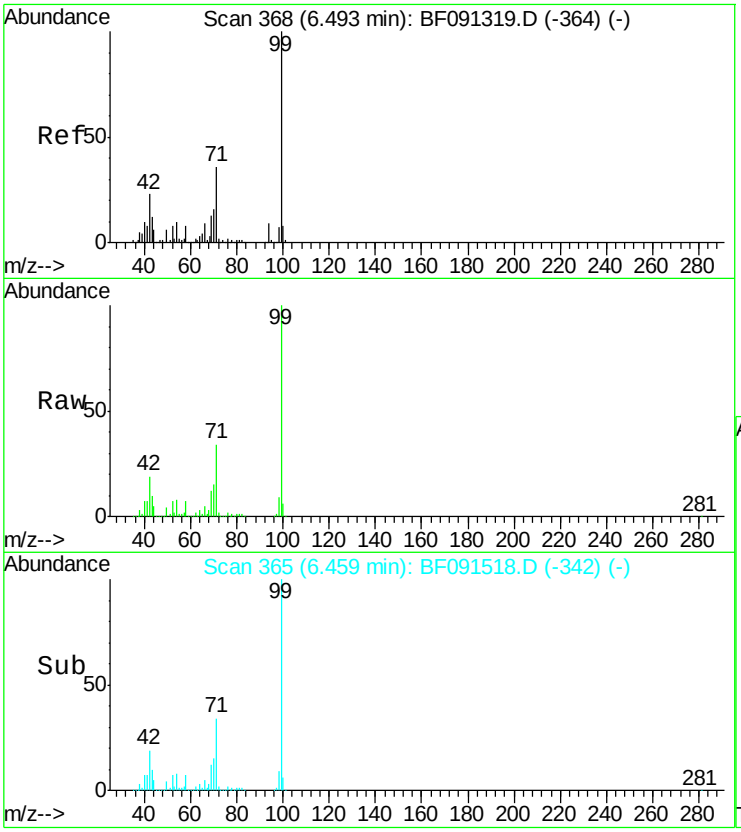


#5
2-Fluorophenol
Concen: 42.67 ng
RT: 5.43 min Scan# 275
Delta R.T. -0.04 min
Lab File: BF091518.D
Acq: 8 Dec 2016 22:30

Tgt Ion:112 Resp: 539405

Ion	Ratio	Lower	Upper
112	100		
64	53.8	61.5	92.3#
63	29.1	33.3	49.9#



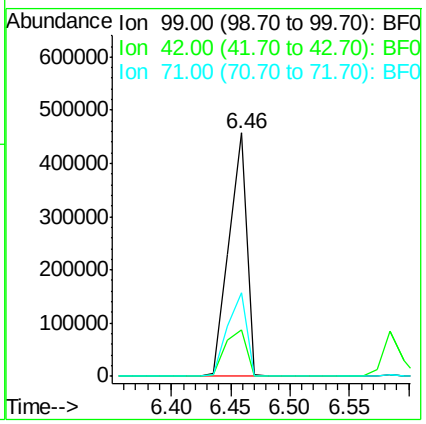


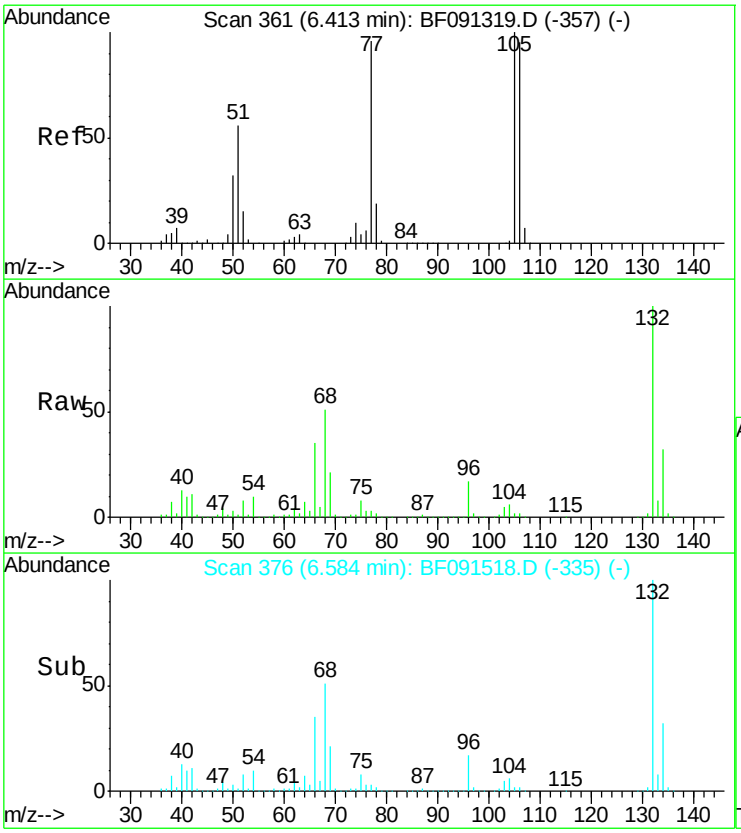
#7
Phenol-d6
Concen: 30.71 ng
RT: 6.46 min Scan# 365
Delta R.T. -0.04 min
Lab File: BF091518.D
Acq: 8 Dec 2016 22:30

Instrument :
BNA_F
ClientSampleId :
MJQUILL-FB-1-12-05-16

Tgt Ion: 99 Resp: 477895

Ion	Ratio	Lower	Upper
99	100		
42	19.1	20.6	31.0#
71	34.4	29.9	44.9

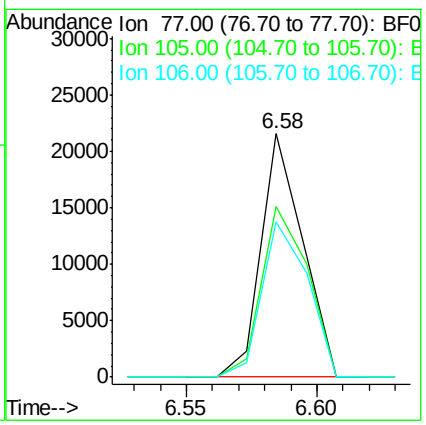


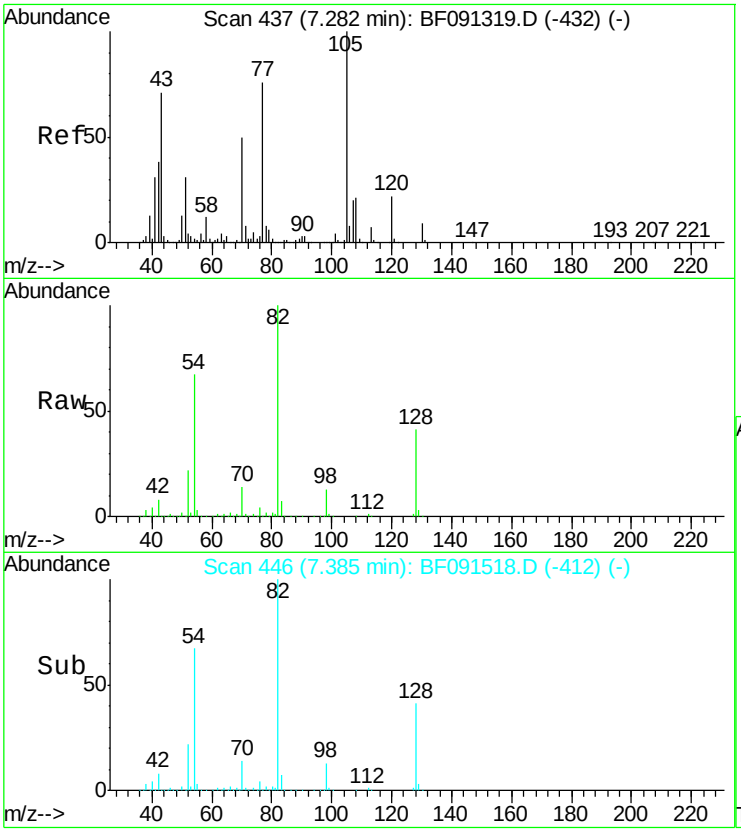


#9
Benzaldehyde
Concen: 2.36 ng
RT: 6.58 min Scan# 376
Delta R.T. 0.17 min
Lab File: BF091518.D
Acq: 8 Dec 2016 22:30

Tgt Ion: 77 Resp: 23665

Ion	Ratio	Lower	Upper
77	100		
105	70.2	66.4	106.4
106	63.8	60.9	100.9



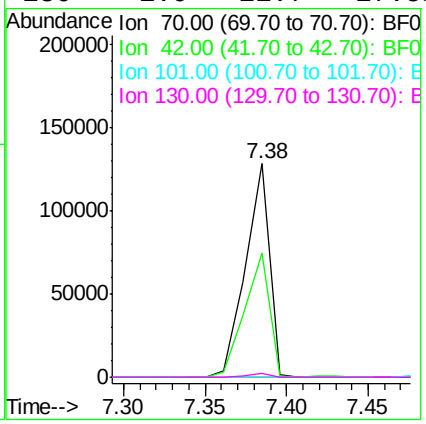


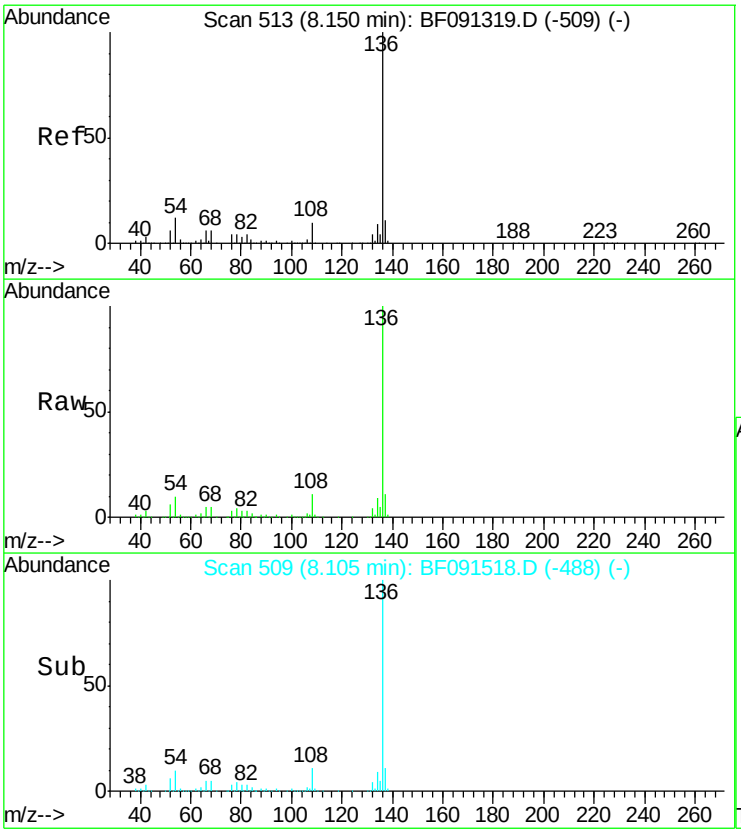
#19
n-Nitroso-di-n-propylamine
Concen: 13.37 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.09 min
Lab File: BF091518.D
Acq: 8 Dec 2016 22:30

Instrument :
BNA_F
ClientSampleId :
MJQUILL-FB-1-12-05-16

Tgt Ion: 70 Resp: 131064

Ion	Ratio	Lower	Upper
70	100		
42	57.9	64.8	97.2#
101	0.0	6.2	9.4#
130	1.9	11.7	17.5#

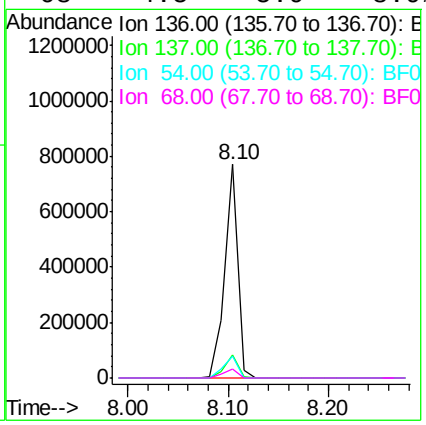


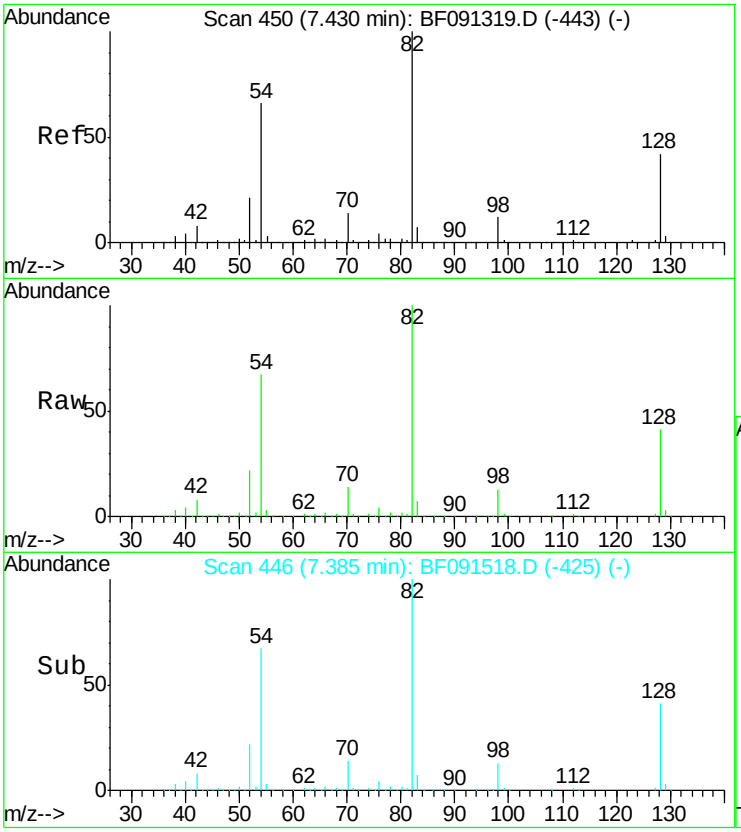


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.06 min
Lab File: BF091518.D
Acq: 8 Dec 2016 22:30

Tgt Ion:136 Resp: 693486

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.3	9.1	13.7
68	4.5	5.9	8.9#



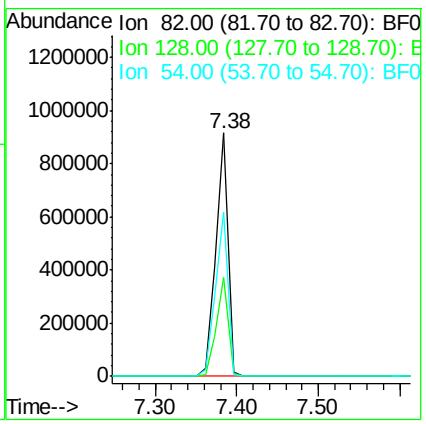


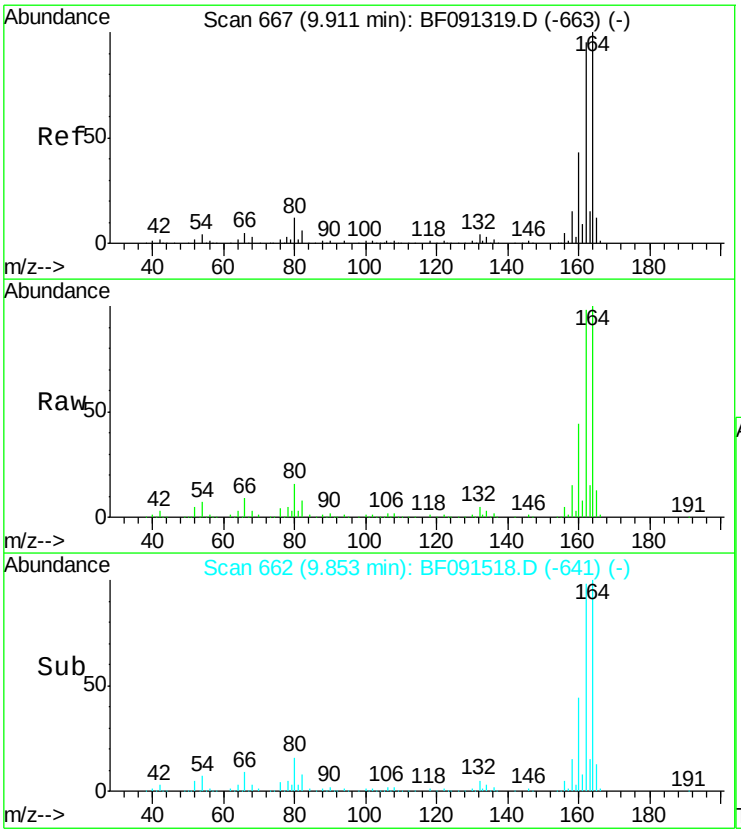
#23
Nitrobenzene-d5
Concen: 76.38 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.06 min
Lab File: BF091518.D
Acq: 8 Dec 2016 22:30

Instrument :
BNA_F
ClientSampleId :
MJQUILL-FB-1-12-05-16

Tgt Ion: 82 Resp: 945117

Ion	Ratio	Lower	Upper
82	100		
128	40.8	31.8	47.6
54	67.5	49.1	73.7

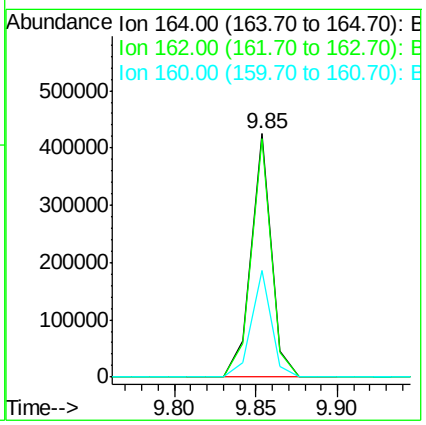


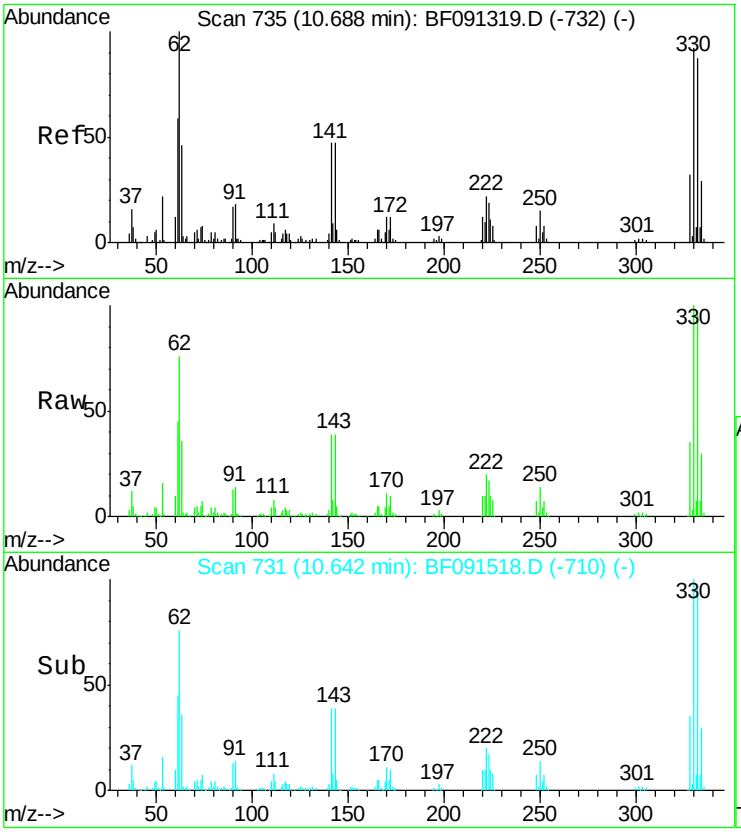


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.06 min
Lab File: BF091518.D
Acq: 8 Dec 2016 22:30

Tgt Ion:164 Resp: 366230

Ion	Ratio	Lower	Upper
164	100		
162	98.2	82.6	124.0
160	43.9	36.7	55.1



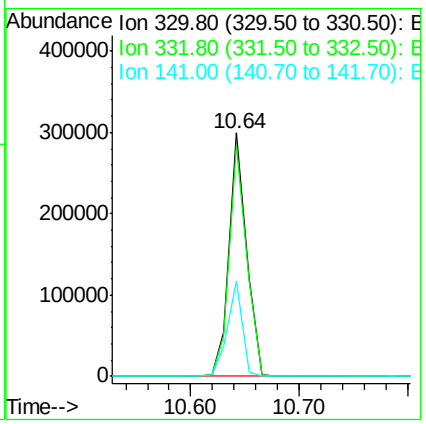


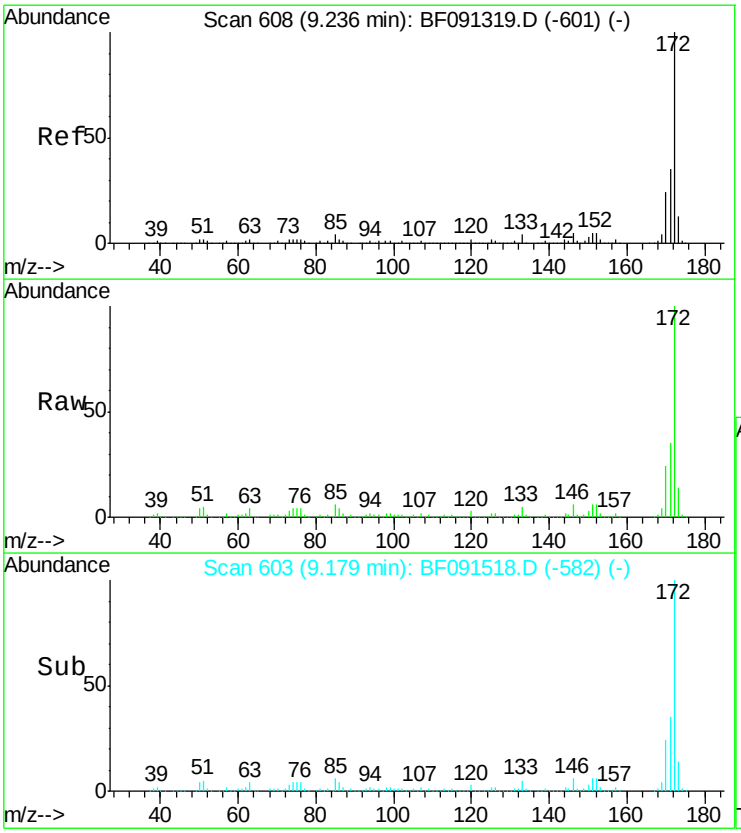
#41
2,4,6-Tribromophenol
Concen: 94.60 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.06 min
Lab File: BF091518.D
Acq: 8 Dec 2016 22:30

Instrument :
BNA_F
ClientSampleId :
MJQUILL-FB-1-12-05-16

Tgt Ion:330 Resp: 327995

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.2	114.4
141	33.5	33.6	50.4#

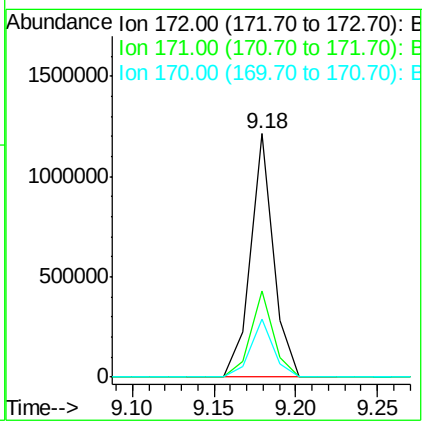


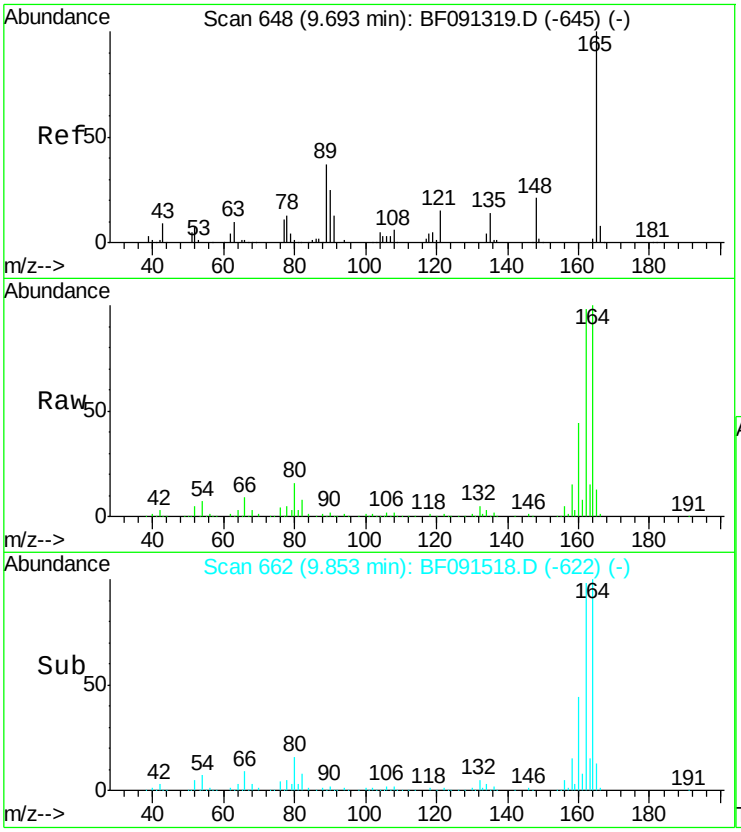


#44
2-Fluorobiphenyl
Concen: 58.52 ng
RT: 9.18 min Scan# 603
Delta R.T. -0.06 min
Lab File: BF091518.D
Acq: 8 Dec 2016 22:30

Tgt Ion:172 Resp: 1183574

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	23.8	19.7	29.5



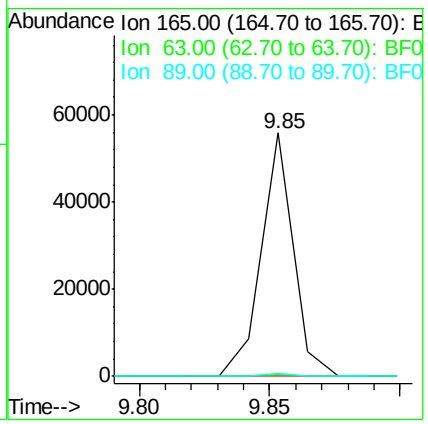


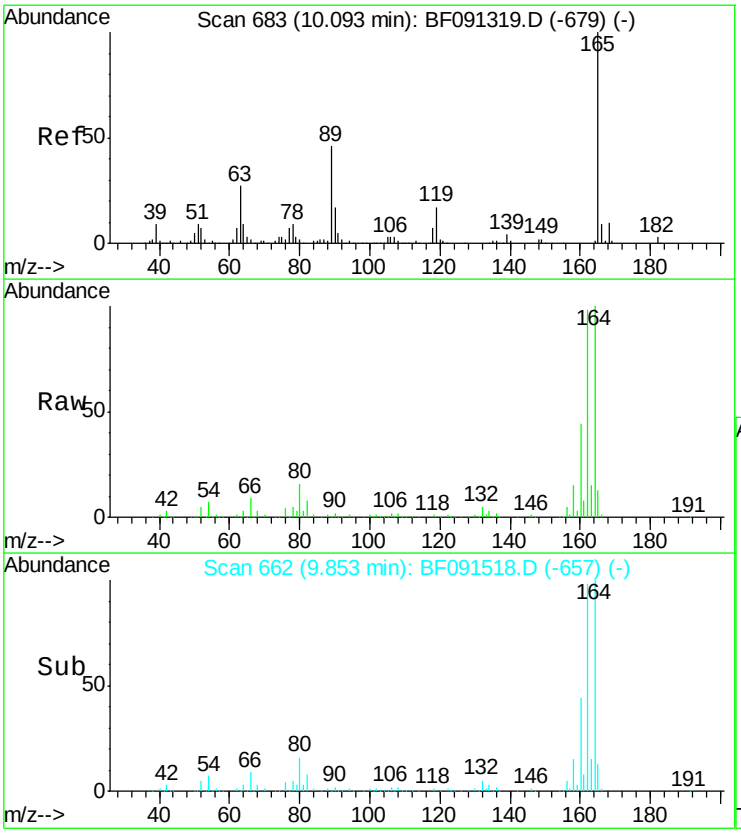
#50
2,6-Dinitrotoluene
Concen: 9.70 ng
RT: 9.85 min Scan# 662
Delta R.T. 0.15 min
Lab File: BF091518.D
Acq: 8 Dec 2016 22:30

Instrument :
BNA_F
ClientSampleId :
MJQUILL-FB-1-12-05-16

Tgt Ion:165 Resp: 48061

Ion	Ratio	Lower	Upper
165	100		
63	0.8	59.4	89.0#
89	1.1	50.8	76.2#

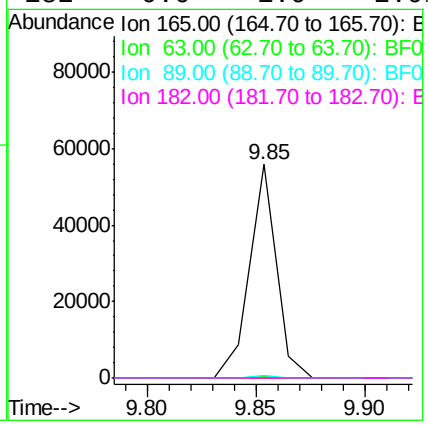


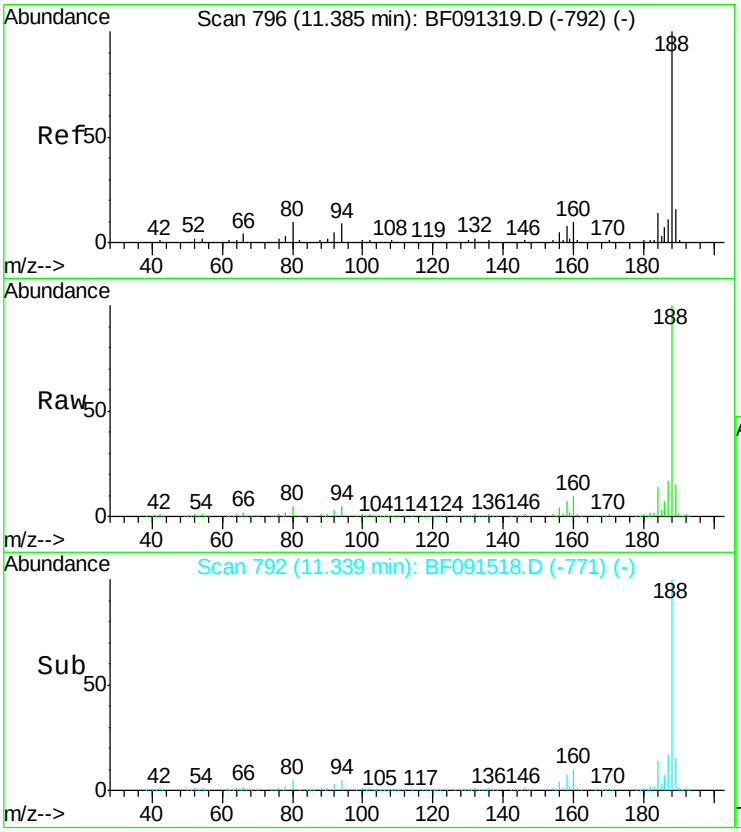


#56
2,4-Dinitrotoluene
Concen: 7.48 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.25 min
Lab File: BF091518.D
Acq: 8 Dec 2016 22:30

Tgt Ion:165 Resp: 48063

Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.0	43.4#
89	1.1	43.1	64.7#
182	0.0	1.9	2.9#



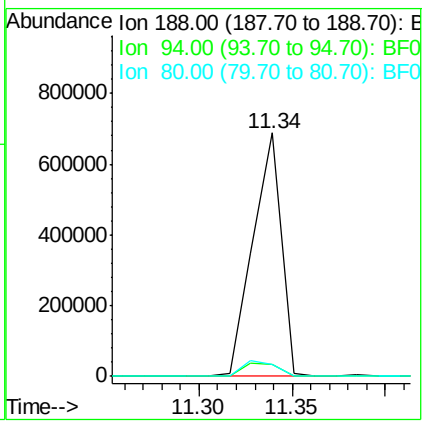


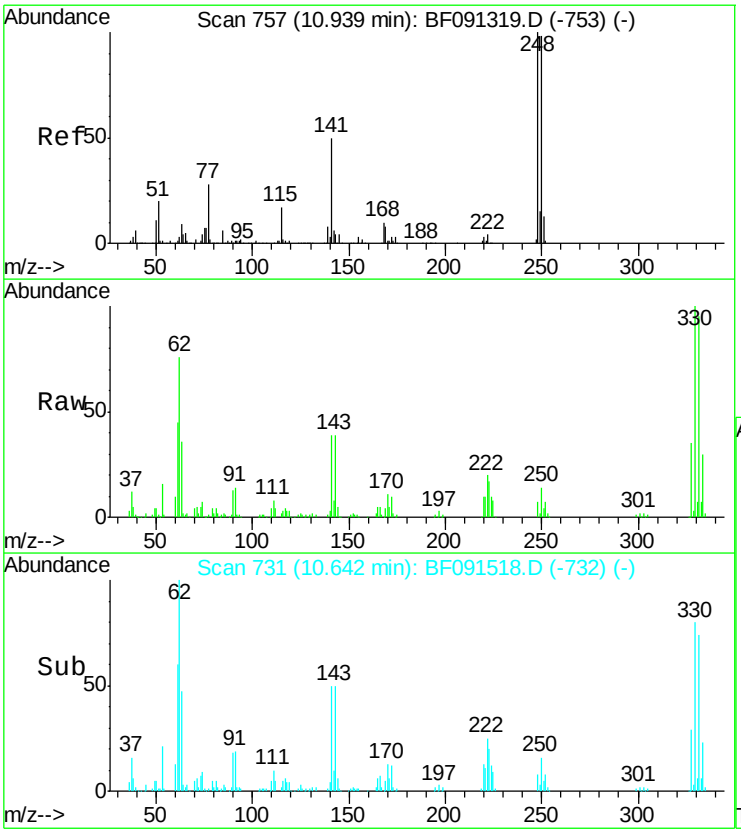
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.06 min
Lab File: BF091518.D
Acq: 8 Dec 2016 22:30

Instrument :
BNA_F
ClientSampleId :
MJQUILL-FB-1-12-05-16

Tgt Ion:188 Resp: 725474

Ion	Ratio	Lower	Upper
188	100		
94	5.1	9.2	13.8#
80	5.1	10.5	15.7#

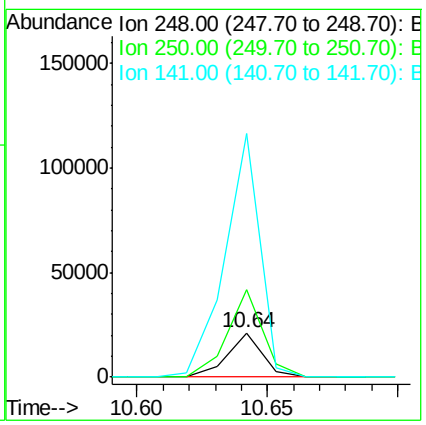


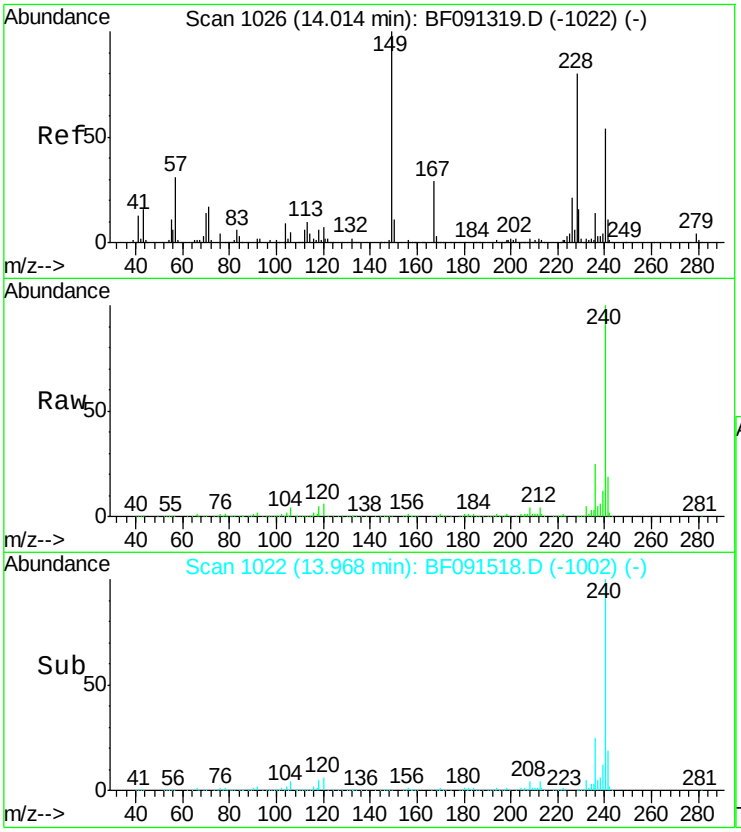


#66
4-Bromophenyl-phenylether
Concen: 2.56 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.31 min
Lab File: BF091518.D
Acq: 8 Dec 2016 22:30

Tgt Ion:248 Resp: 19944

Ion	Ratio	Lower	Upper
248	100		
250	199.2	78.2	117.4#
141	551.5	71.9	107.9#



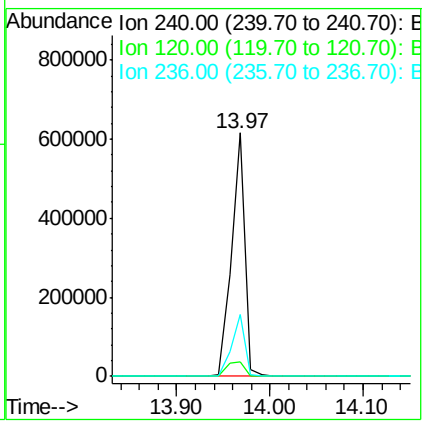


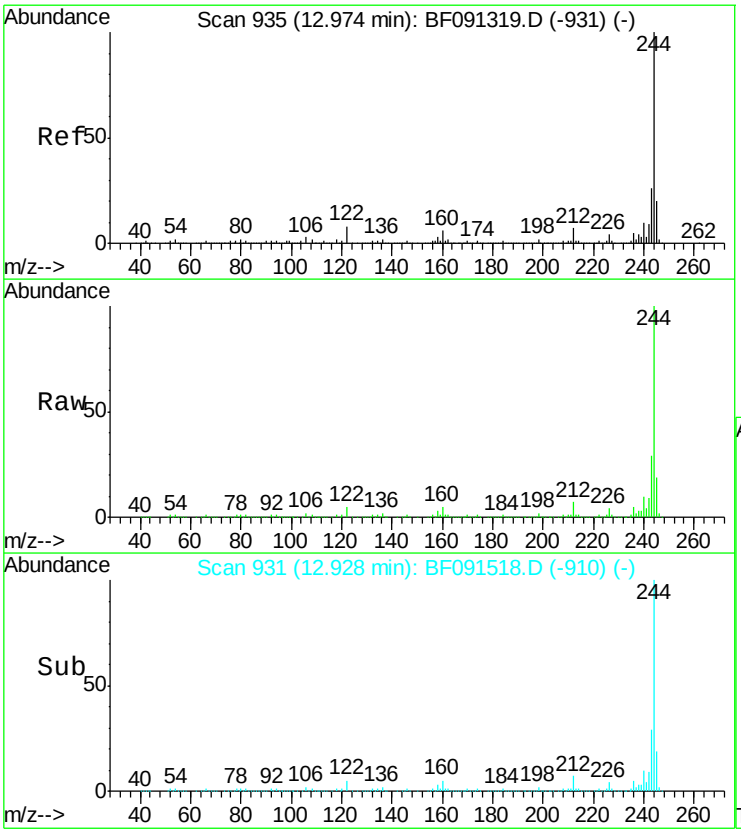
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.07 min
Lab File: BF091518.D
Acq: 8 Dec 2016 22:30

Instrument :
BNA_F
ClientSampleId :
MJQUILL-FB-1-12-05-16

Tgt Ion:240 Resp: 621024

Ion	Ratio	Lower	Upper
240	100		
120	5.9	12.1	18.1#
236	25.2	21.0	31.6

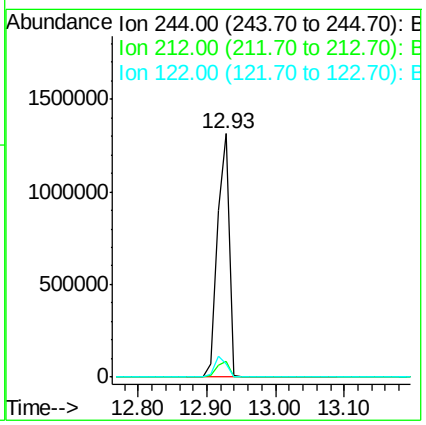


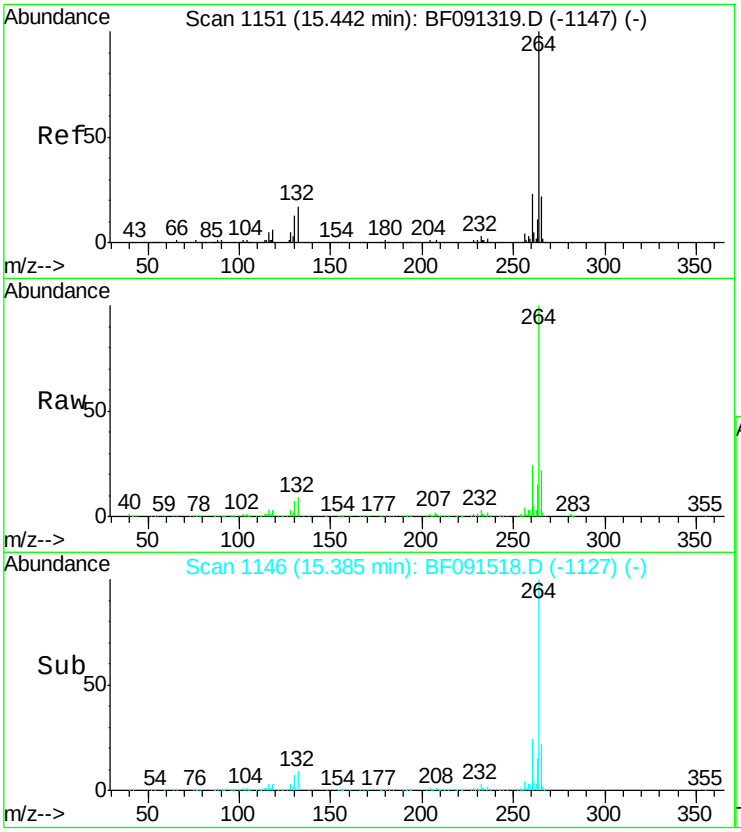


#78
Terphenyl-d14
Concen: 55.33 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.06 min
Lab File: BF091518.D
Acq: 8 Dec 2016 22:30

Tgt Ion:244 Resp: 1580959

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.5	9.7
122	5.4	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: BF091518.D
Acq: 8 Dec 2016 22:30

Instrument :
BNA_F
ClientSampleId :
MJQUILL-FB-1-12-05-16

Tgt Ion:264 Resp: 397261

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.6	17.0	25.6