Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091516.D
Acq On : 8 Dec 2016 21:35
Operator : UM/SJ
Sample : H5886-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URSMW-13

Quant Time: Dec 09 00:10:33 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	144999	20.00	ng		-0.06
21) Naphthalene-d8	8.10	136	639168	20.00	ng		-0.06
38) Acenaphthene-d10	9.85	164	334369	20.00	ng		-0.06
63) Phenanthrene-d10	11.34	188	598413	20.00	ng		-0.06
75) Chrysene-d12	13.97	240	491571	20.00	ng		-0.07
86) Perylene-d12	15.39	264	476129	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	502131	56.57	ng		-0.05
7) Phenol-d6	6.46	99	492897	45.11	ng		-0.04
23) Nitrobenzene-d5	7.38	82	663791	58.20	ng		-0.06
41) 2,4,6-Tribromophenol	10.64	330	300551	94.95	ng		-0.06
44) 2-Fluorobiphenyl	9.18	172	1098655	59.49	ng		-0.06
78) Terphenyl-d14	12.93	244	1346047	59.52	ng		-0.06
Target Compounds							Qvalue
9) Benzaldehyde	6.58	77	18298	2.60	ng		84
19) n-Nitroso-di-n-propylamine	7.38	70	91297	13.26	ng	#	73
56) 2,4-Dinitrotoluene	9.85	165	45982	7.83	ng	#	35
66) 4-Bromophenyl-phenylether	10.64	248	17965	2.79	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 : BF091516.D
Acq On : 8 Dec 2016 21:35
Operator : UM/SJ
Sample : H5886-04
Misc :
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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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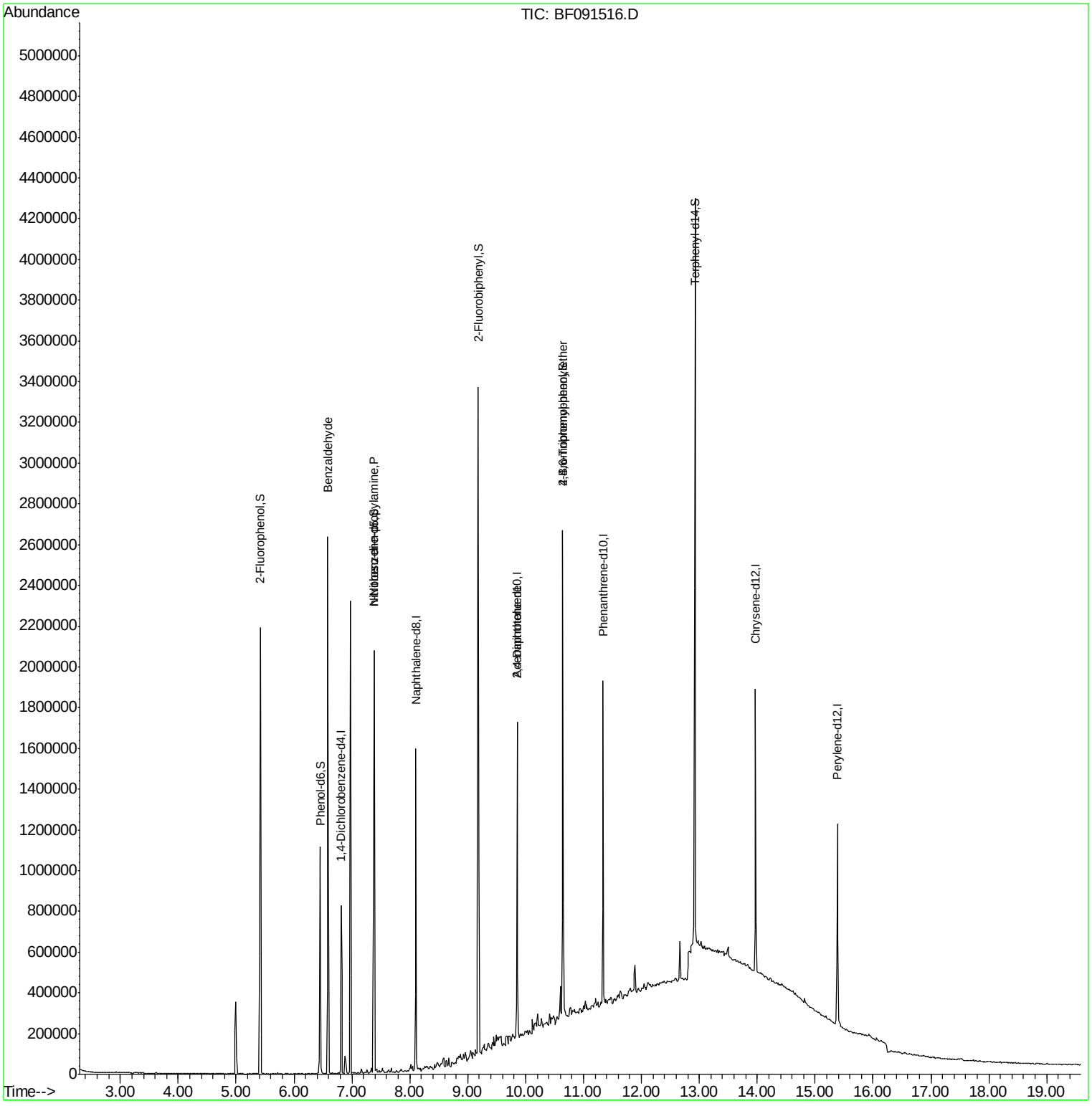
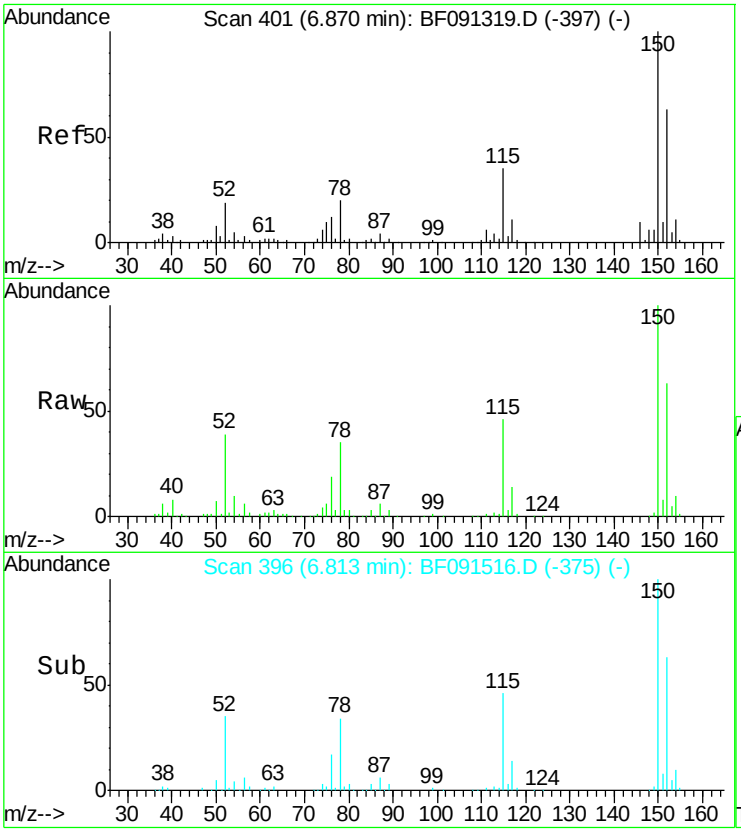


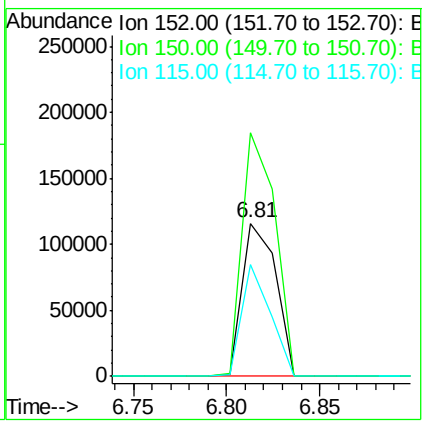


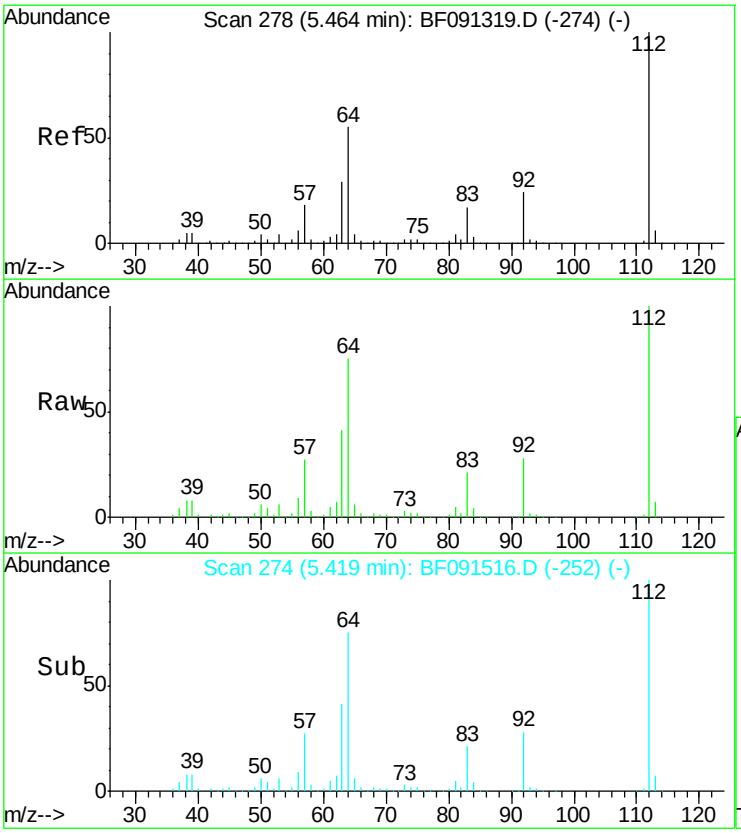
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.06 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

Instrument :
BNA_F
ClientSampleId :
URSMW-13

Tgt Ion:152 Resp: 144999

Ion	Ratio	Lower	Upper
152	100		
150	158.9	122.5	183.7
115	72.7	51.8	77.8

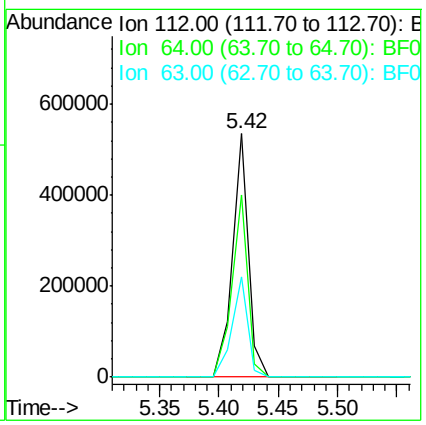


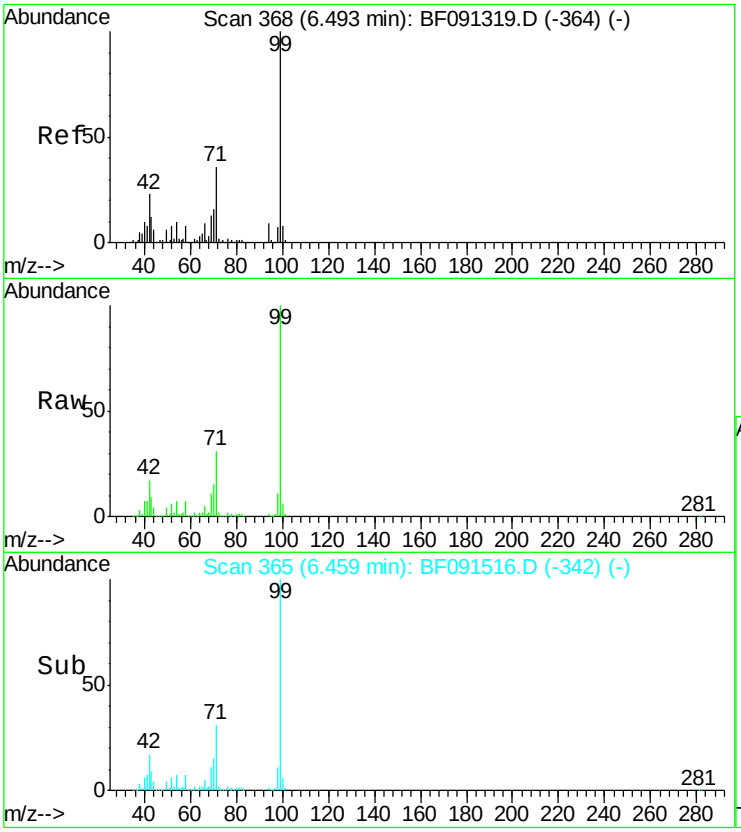


#5
2-Fluorophenol
Concen: 56.57 ng
RT: 5.42 min Scan# 274
Delta R.T. -0.05 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

Tgt Ion:112 Resp: 502131

Ion	Ratio	Lower	Upper
112	100		
64	74.9	61.5	92.3
63	41.0	33.3	49.9



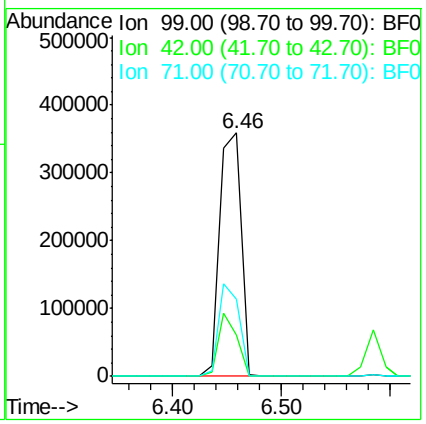


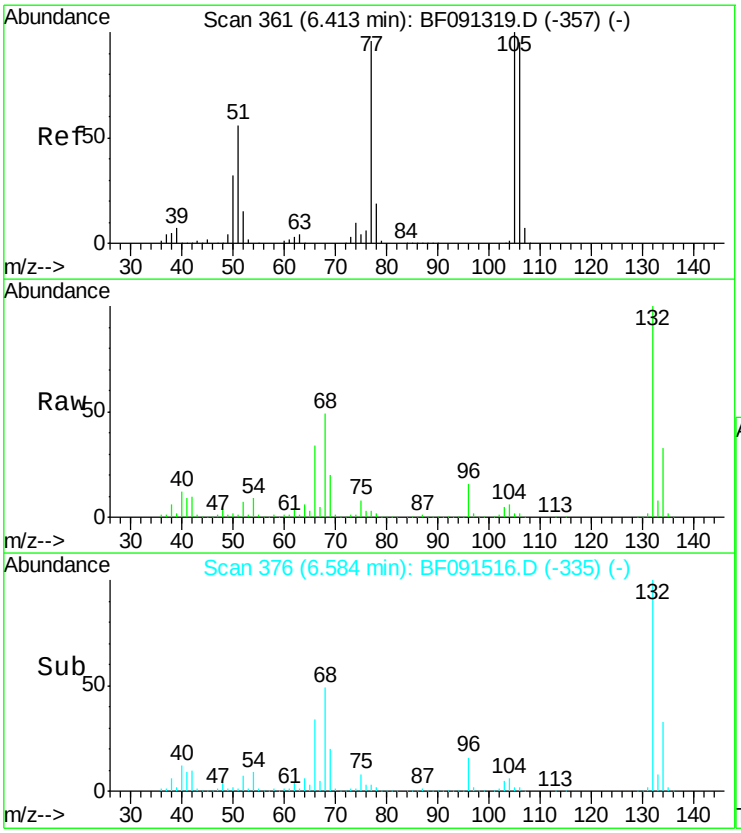
#7
Phenol-d6
Concen: 45.11 ng
RT: 6.46 min Scan# 365
Delta R.T. -0.04 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

Instrument :
BNA_F
ClientSampleId :
URSMW-13

Tgt Ion: 99 Resp: 492897

Ion	Ratio	Lower	Upper
99	100		
42	17.1	20.6	31.0#
71	31.5	29.9	44.9

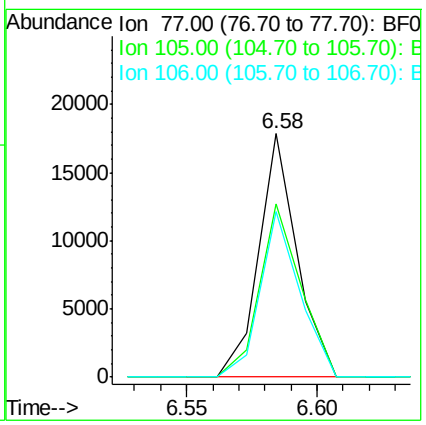


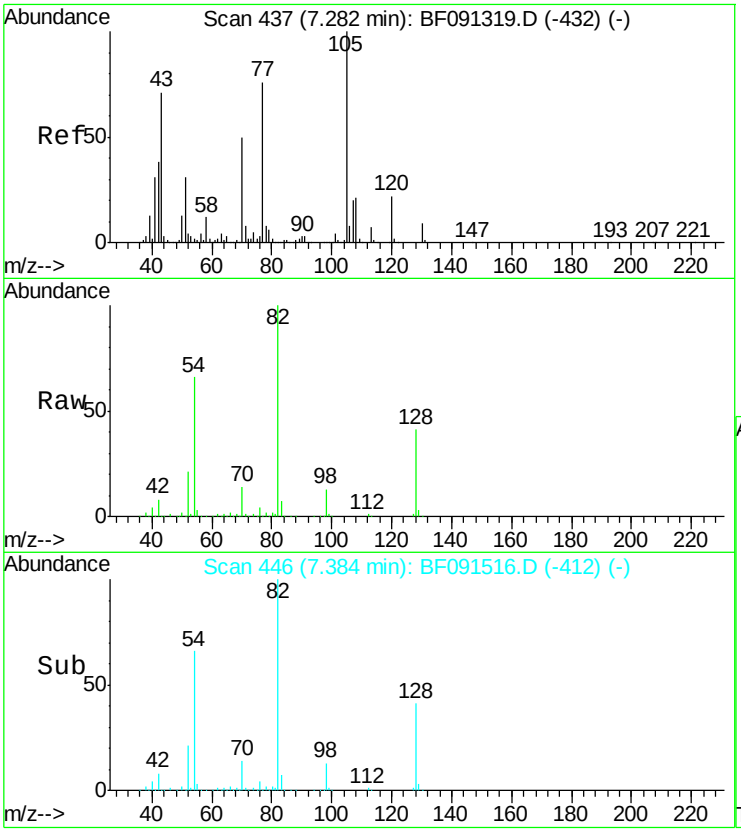


#9
Benzaldehyde
Concen: 2.60 ng
RT: 6.58 min Scan# 376
Delta R.T. 0.17 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

Tgt Ion: 77 Resp: 18298

Ion	Ratio	Lower	Upper
77	100		
105	71.0	66.4	106.4
106	68.1	60.9	100.9



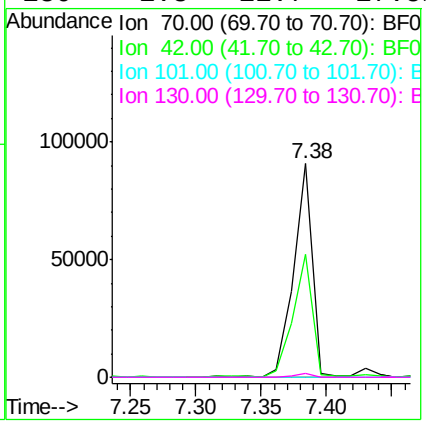


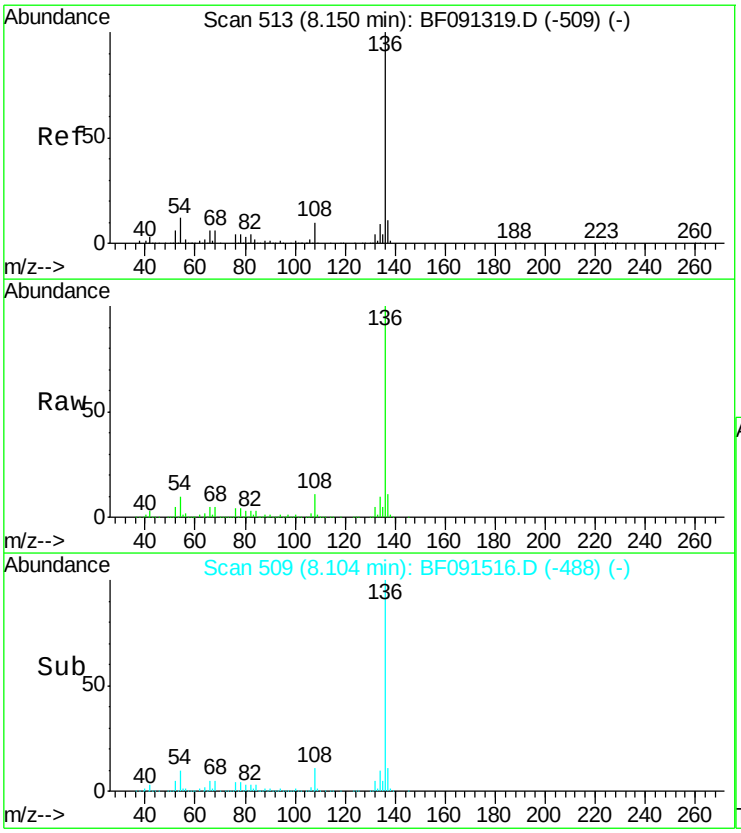
#19
n-Nitroso-di-n-propylamine
Concen: 13.26 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.09 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

Instrument :
BNA_F
ClientSampleId :
URSMW-13

Tgt Ion: 70 Resp: 91297

Ion	Ratio	Lower	Upper
70	100		
42	57.5	64.8	97.2#
101	0.0	6.2	9.4#
130	1.8	11.7	17.5#

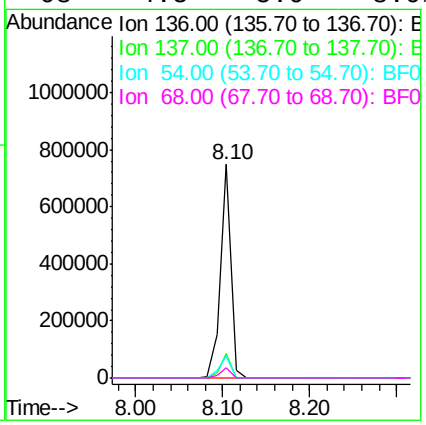


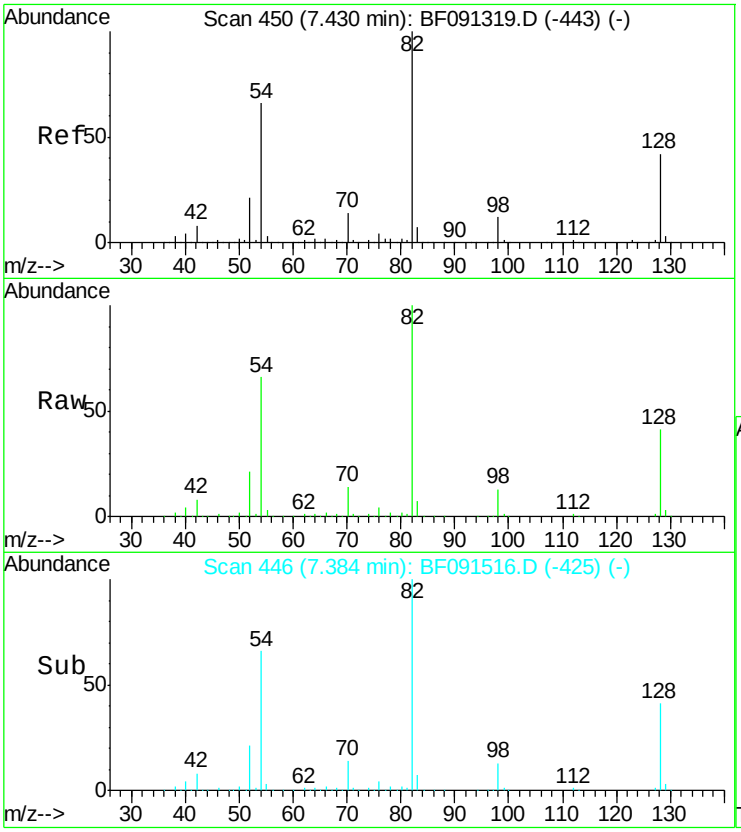


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.06 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

Tgt Ion:136 Resp: 639168

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.5	9.1	13.7
68	4.5	5.9	8.9#



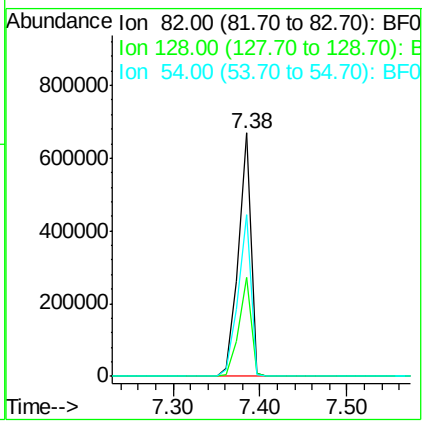


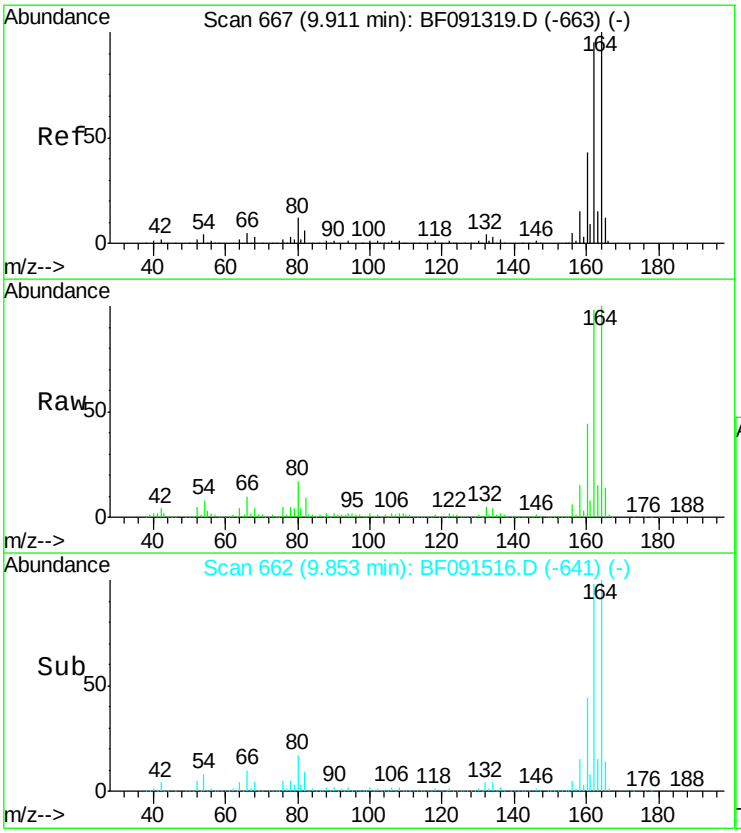
#23
Nitrobenzene-d5
Concen: 58.20 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.06 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

Instrument :
BNA_F
ClientSampleId :
URSMW-13

Tgt Ion: 82 Resp: 663791

Ion	Ratio	Lower	Upper
82	100		
128	40.8	31.8	47.6
54	66.4	49.1	73.7

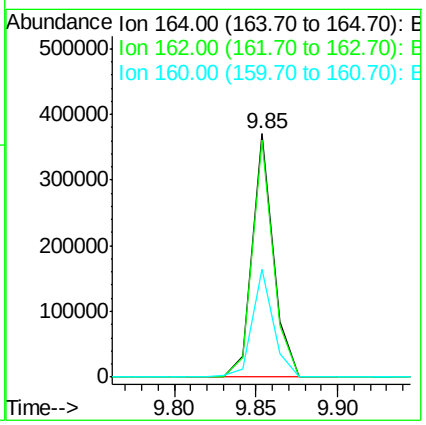


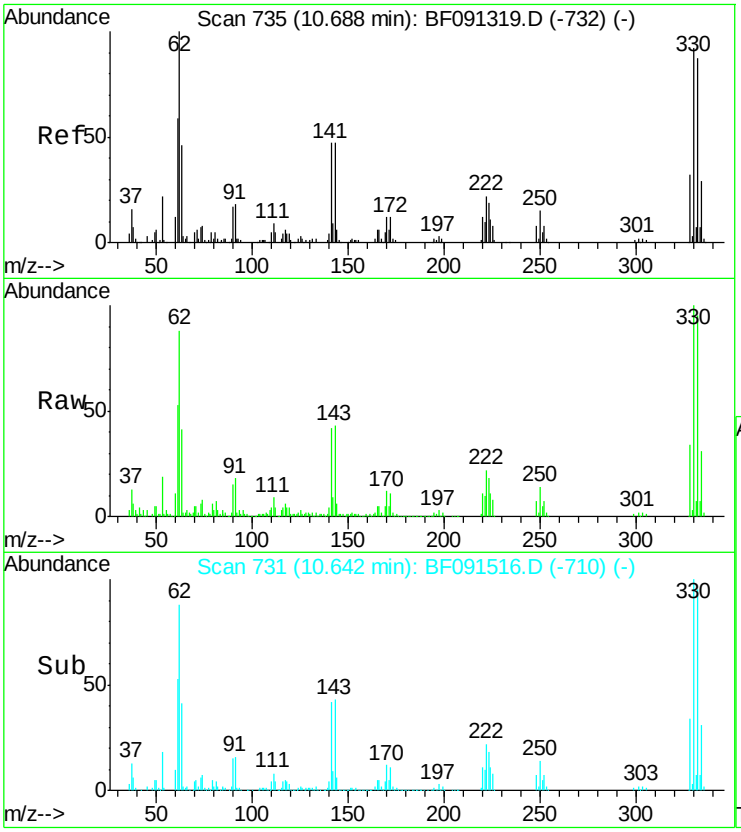


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.06 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

Tgt Ion:164 Resp: 334369

Ion	Ratio	Lower	Upper
164	100		
162	97.7	82.6	124.0
160	44.2	36.7	55.1



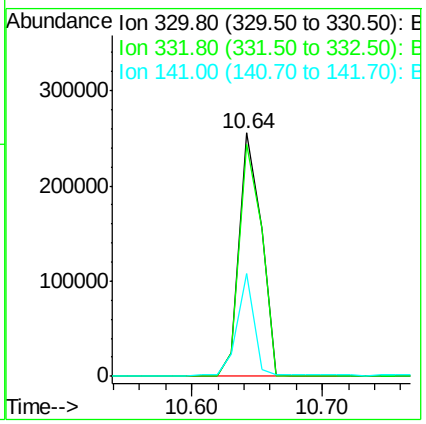


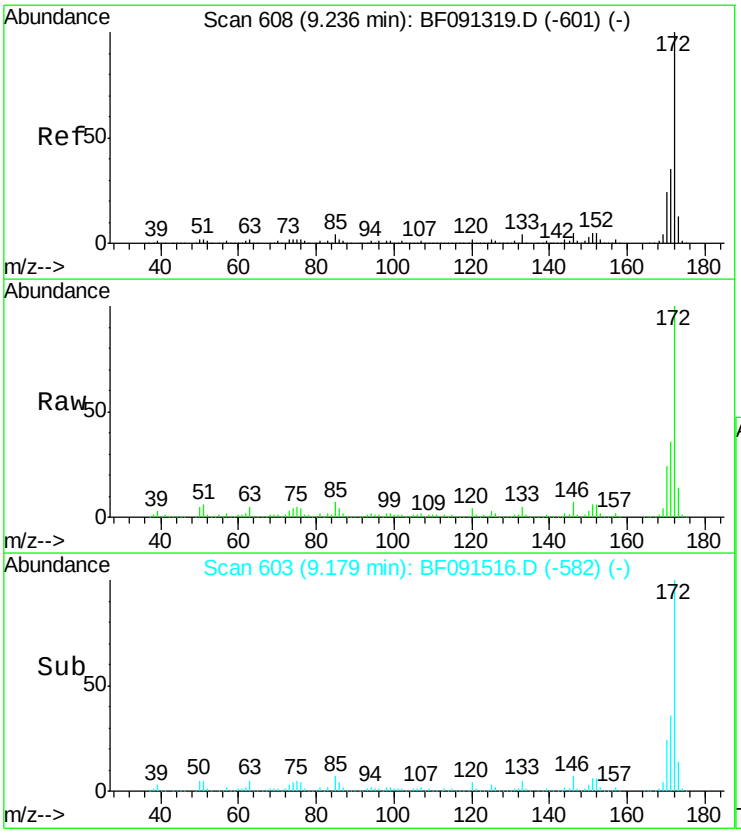
#41
2,4,6-Tribromophenol
Concen: 94.95 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.06 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

Instrument :
BNA_F
ClientSampleId :
URSMW-13

Tgt Ion:330 Resp: 300551

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.2	114.4
141	31.5	33.6	50.4#

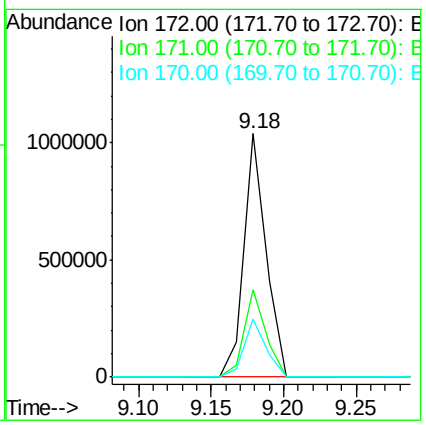


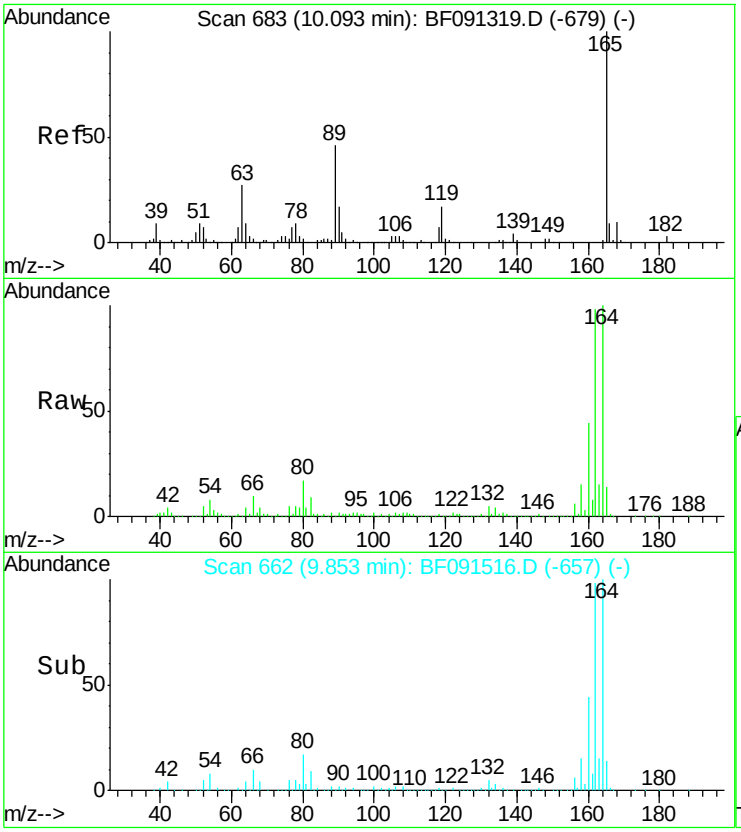


#44
2-Fluorobiphenyl
Concen: 59.49 ng
RT: 9.18 min Scan# 603
Delta R.T. -0.06 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

Tgt Ion:172 Resp: 1098655

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.0	19.7	29.5



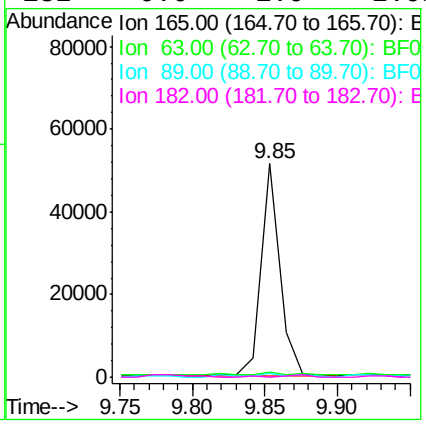


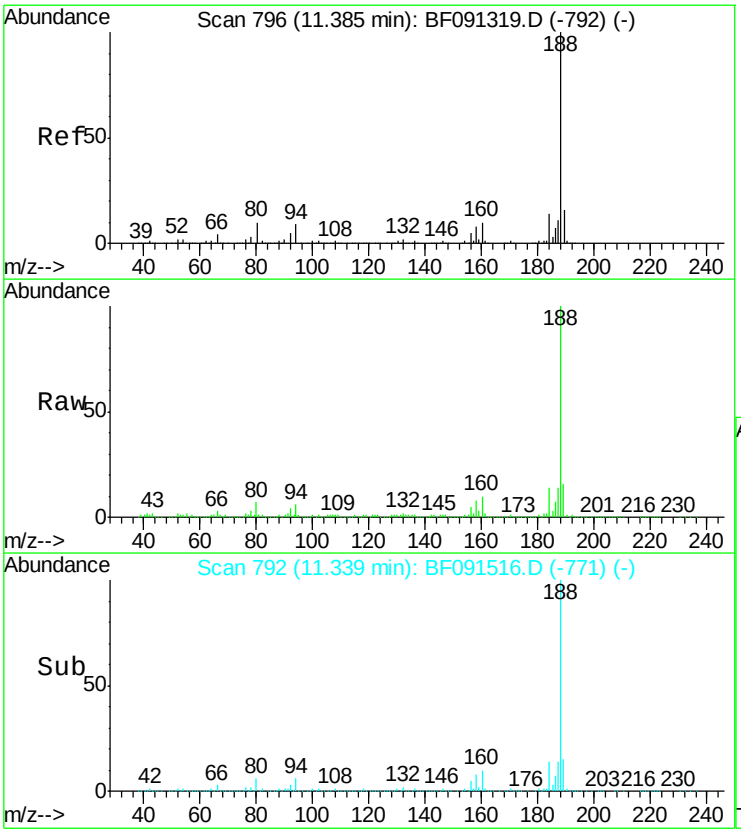
#56
2,4-Dinitrotoluene
Concen: 7.83 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.25 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

Instrument :
BNA_F
ClientSampleId :
URSMW-13

Tgt Ion:165 Resp: 45982

Ion	Ratio	Lower	Upper
165	100		
63	2.3	29.0	43.4#
89	1.7	43.1	64.7#
182	0.0	1.9	2.9#

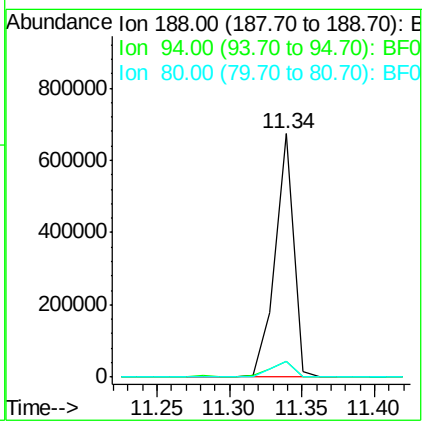


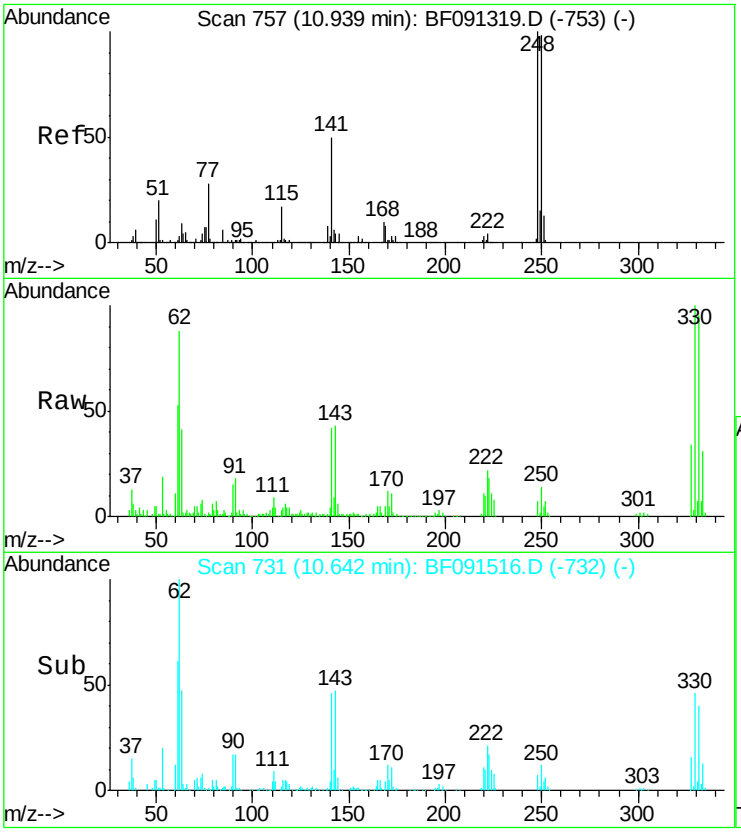


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.06 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

Tgt Ion:188 Resp: 598413

Ion	Ratio	Lower	Upper
188	100		
94	6.4	9.2	13.8#
80	6.7	10.5	15.7#



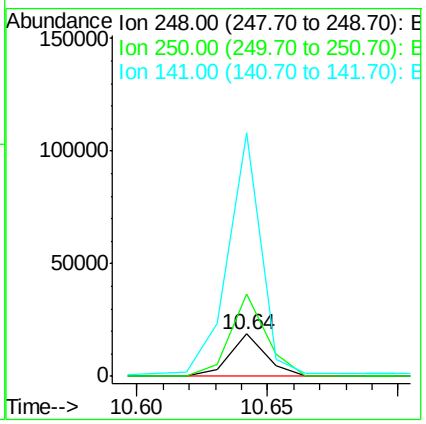


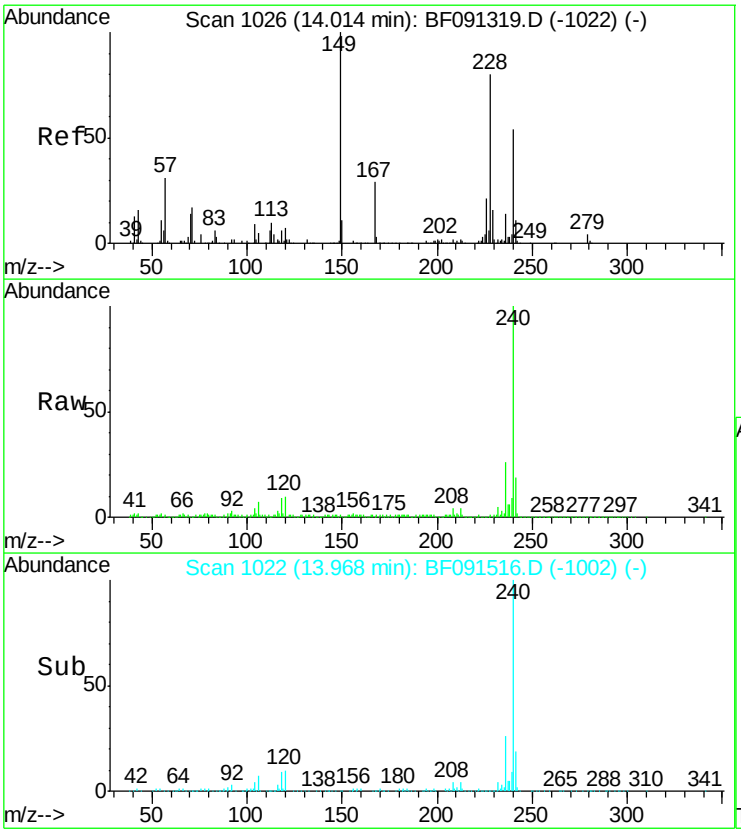
#66
4-Bromophenyl-phenylether
Concen: 2.79 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.31 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

Instrument :
BNA_F
ClientSampleId :
URSMW-13

Tgt Ion:248 Resp: 17965

Ion	Ratio	Lower	Upper
248	100		
250	194.8	78.2	117.4#
141	574.1	71.9	107.9#

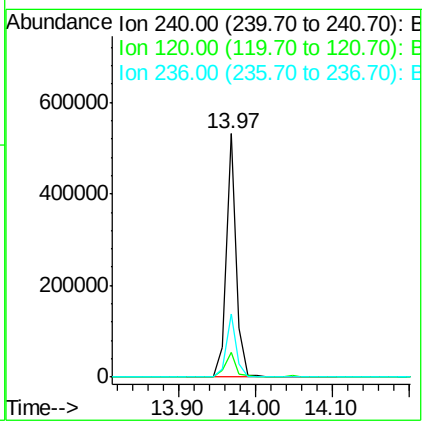


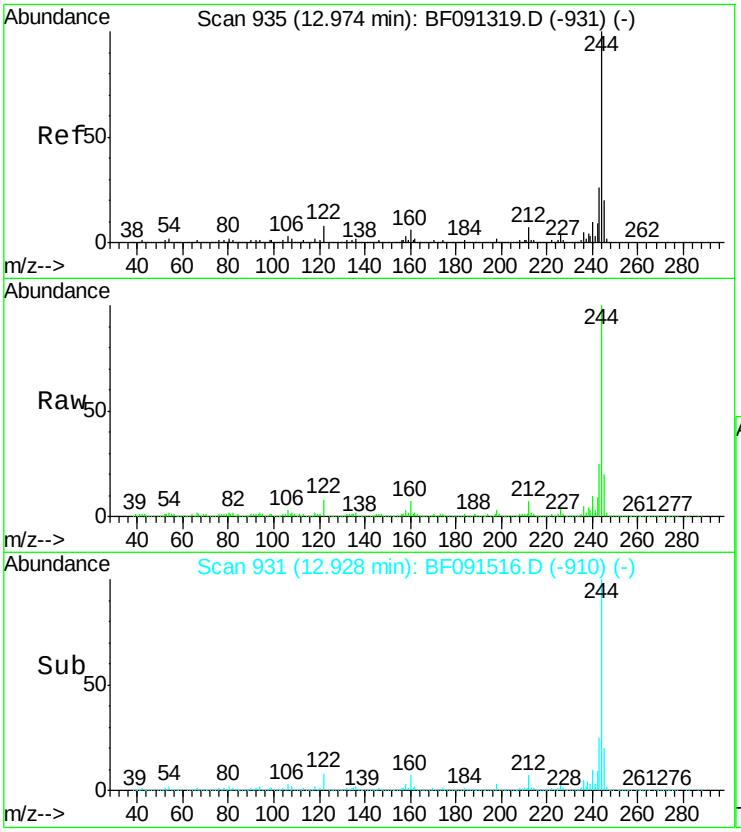


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.07 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

Tgt Ion:240 Resp: 491571

Ion	Ratio	Lower	Upper
240	100		
120	10.2	12.1	18.1#
236	26.2	21.0	31.6



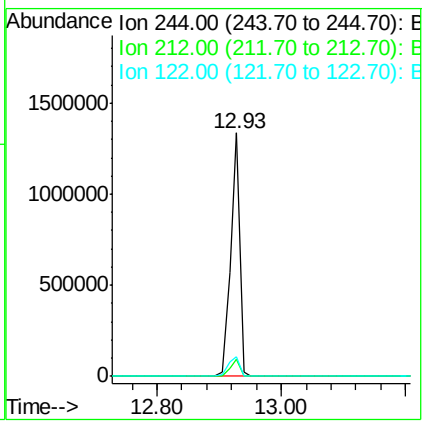


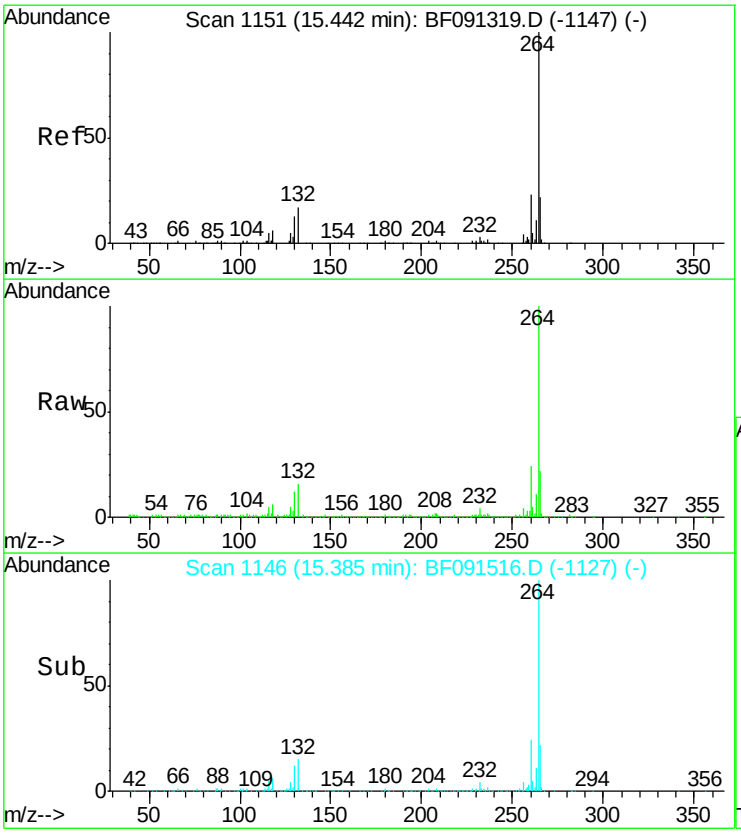
#78
Terphenyl-d14
Concen: 59.52 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.06 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

Instrument :
BNA_F
ClientSampleId :
URSMW-13

Tgt Ion:244 Resp: 1346047

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	8.0	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: BF091516.D
Acq: 8 Dec 2016 21:35

Tgt Ion:264 Resp: 476129

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.9	17.0	25.6