Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091522.D
Acq On : 9 Dec 2016 00:20
Operator : UM/SJ
Sample : H5917-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URSMW-11

Quant Time: Dec 09 00:54:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 00:14:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	89050	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	398448	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	210998	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	316226	20.00	ng		0.00
75) Chrysene-d12	13.96	240	201888	20.00	ng		-0.01
86) Perylene-d12	15.37	264	171699	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	349917	64.19	ng		0.01
7) Phenol-d6	6.45	99	190852	28.44	ng		-0.01
23) Nitrobenzene-d5	7.38	82	567910	79.88	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	247231	123.77	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	927768	79.61	ng		-0.01
78) Terphenyl-d14	12.92	244	860187	92.61	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.58	77	12488	2.89	ng		87
18) Hexachloroethane	7.40	117	15087	6.43	ng	#	3
19) n-Nitroso-di-n-propylamine	7.38	70	81413	19.26	ng	#	70
50) 2,6-Dinitrotoluene	9.85	165	28136	9.85	ng	#	18
66) 4-Bromophenyl-phenylether	10.64	248	15952	4.69	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 : BF091522.D
Acq On : 9 Dec 2016 00:20
Operator : UM/SJ
Sample : H5917-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
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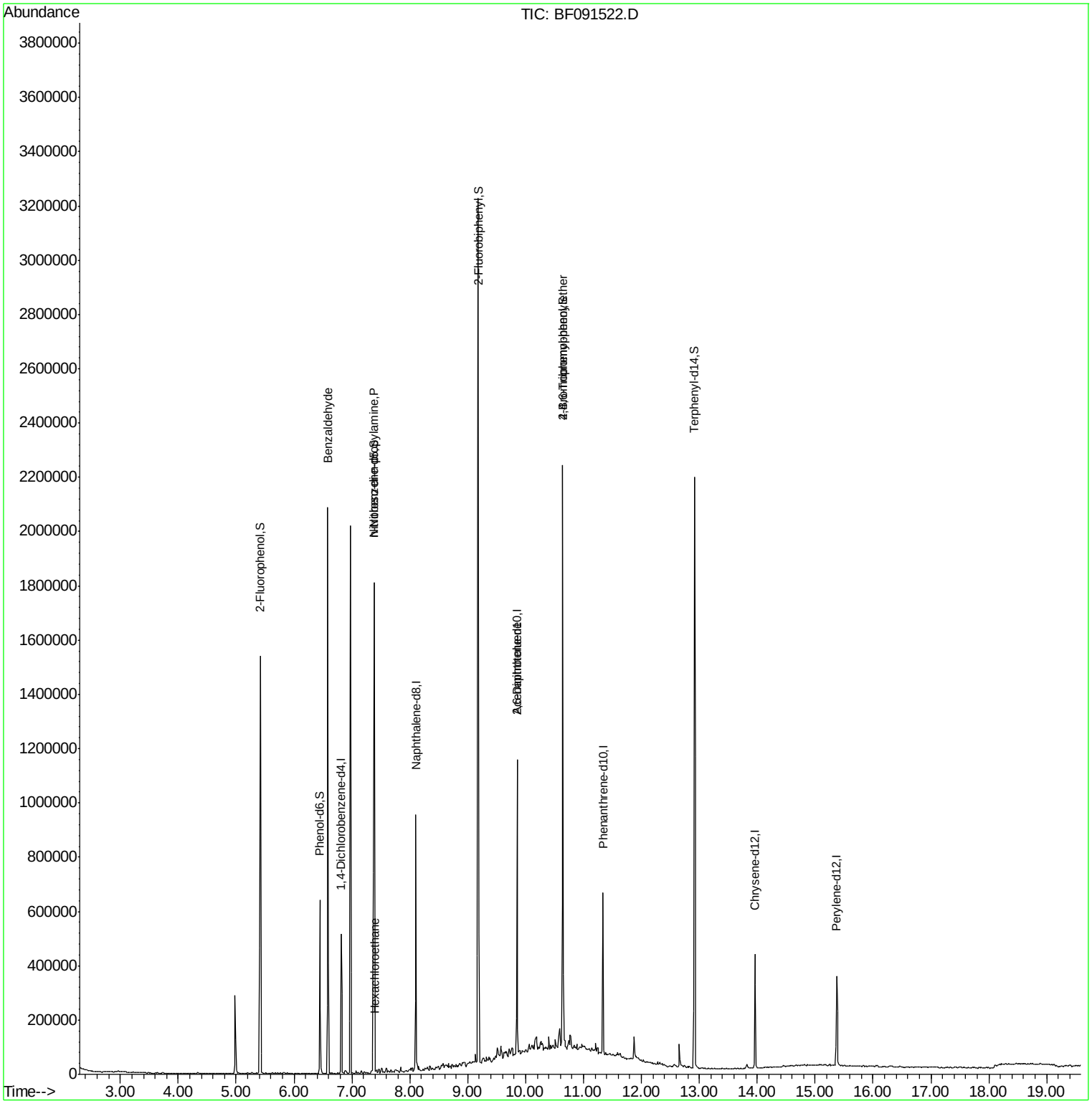
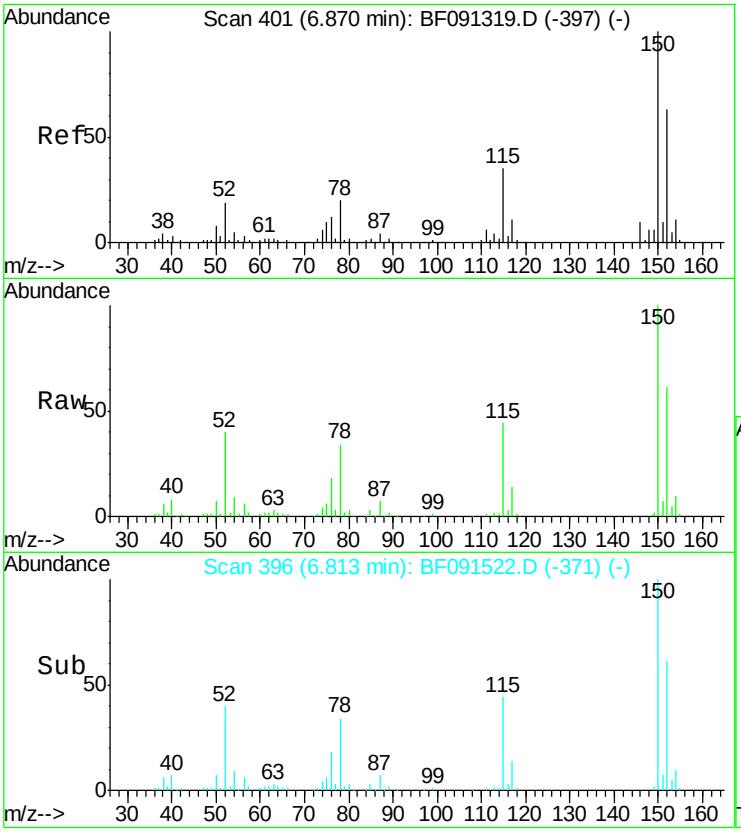
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 00:14:41 2016
Response via : Initial Calibration



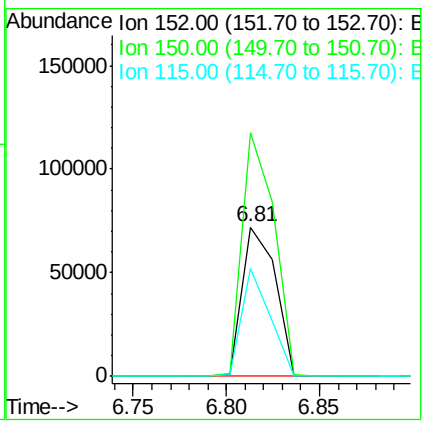


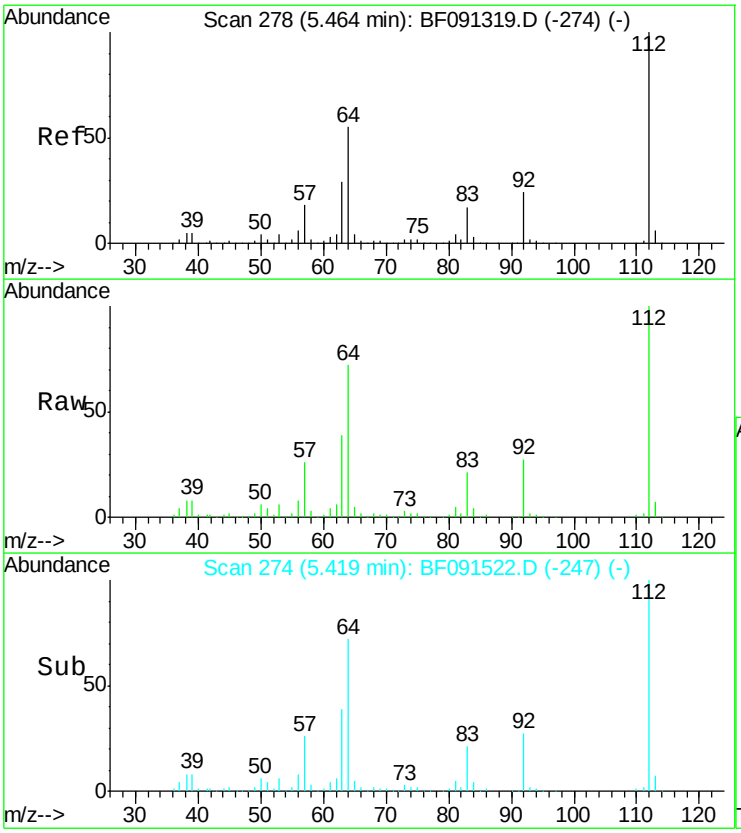
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF091522.D
Acq: 9 Dec 2016 00:20

Instrument :
BNA_F
ClientSampleId :
URSMW-11

Tgt Ion:152 Resp: 89050

Ion	Ratio	Lower	Upper
152	100		
150	163.2	122.5	183.7
115	72.0	51.8	77.8

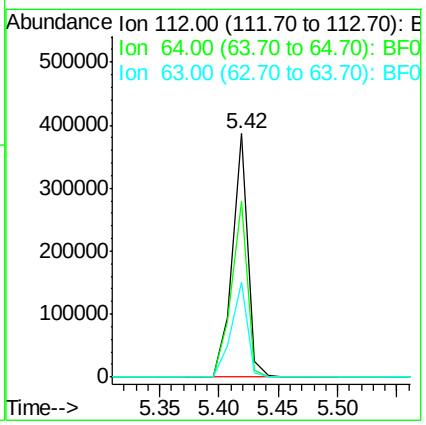


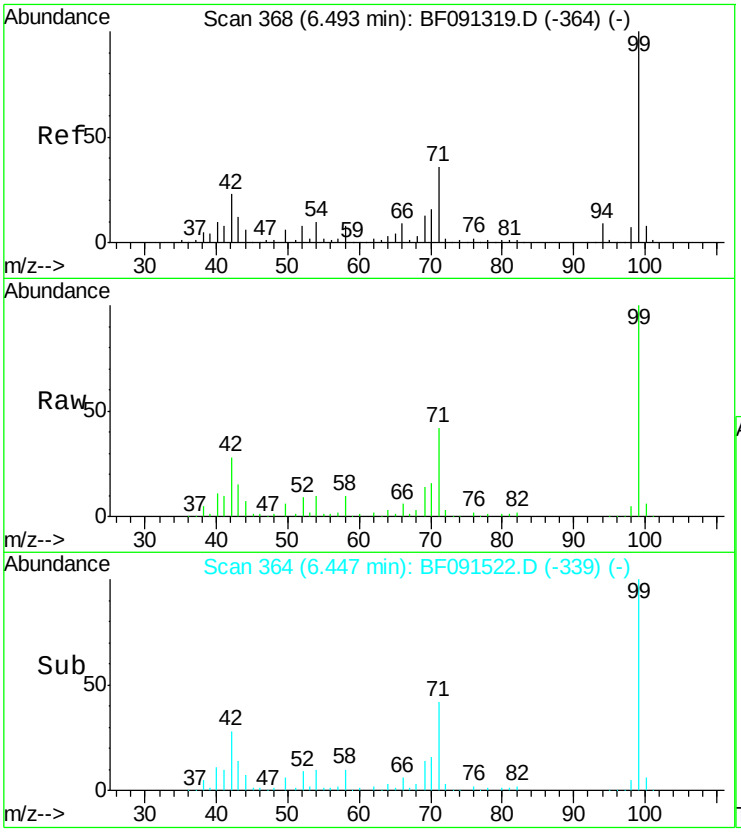


#5
2-Fluorophenol
Concen: 64.19 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF091522.D
Acq: 9 Dec 2016 00:20

Tgt Ion:112 Resp: 349917

Ion	Ratio	Lower	Upper
112	100		
64	72.2	61.5	92.3
63	39.2	33.3	49.9



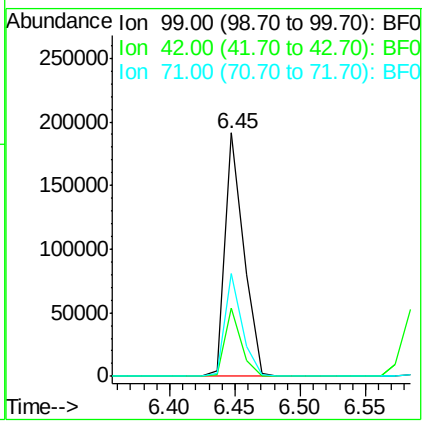


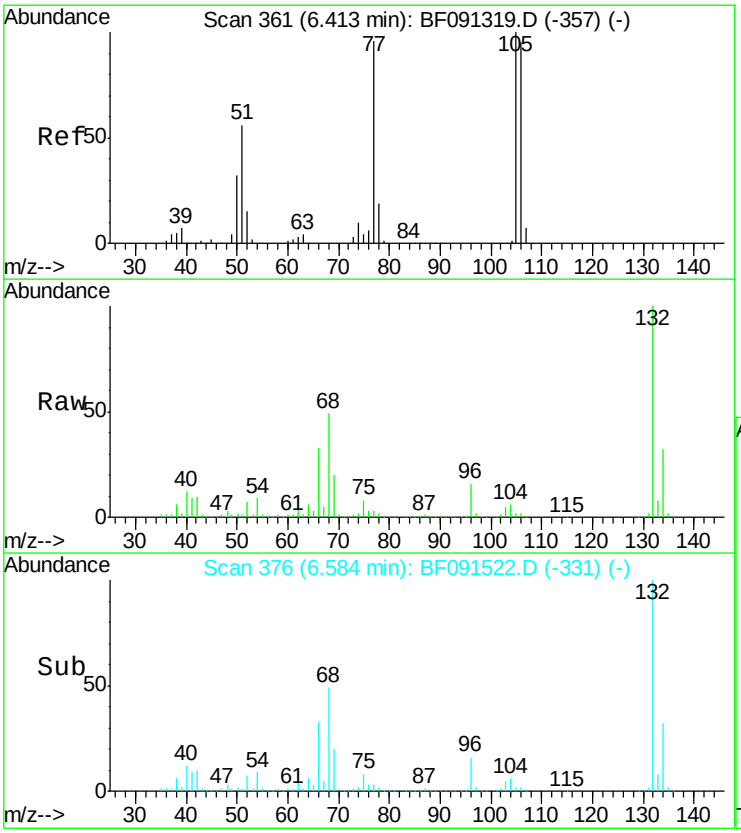
#7
Phenol-d6
Concen: 28.44 ng
RT: 6.45 min Scan# 364
Delta R.T. -0.01 min
Lab File: BF091522.D
Acq: 9 Dec 2016 00:20

Instrument :
BNA_F
ClientSampleId :
URSMW-11

Tgt Ion: 99 Resp: 190852

Ion	Ratio	Lower	Upper
99	100		
42	28.0	20.6	31.0
71	42.0	29.9	44.9

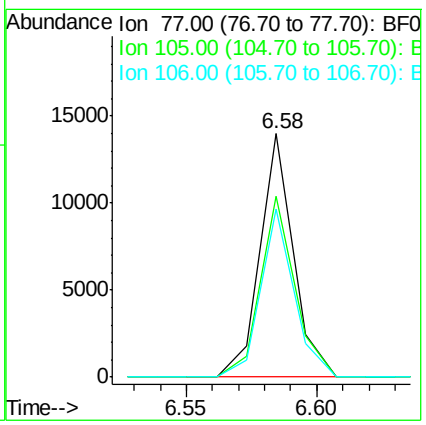


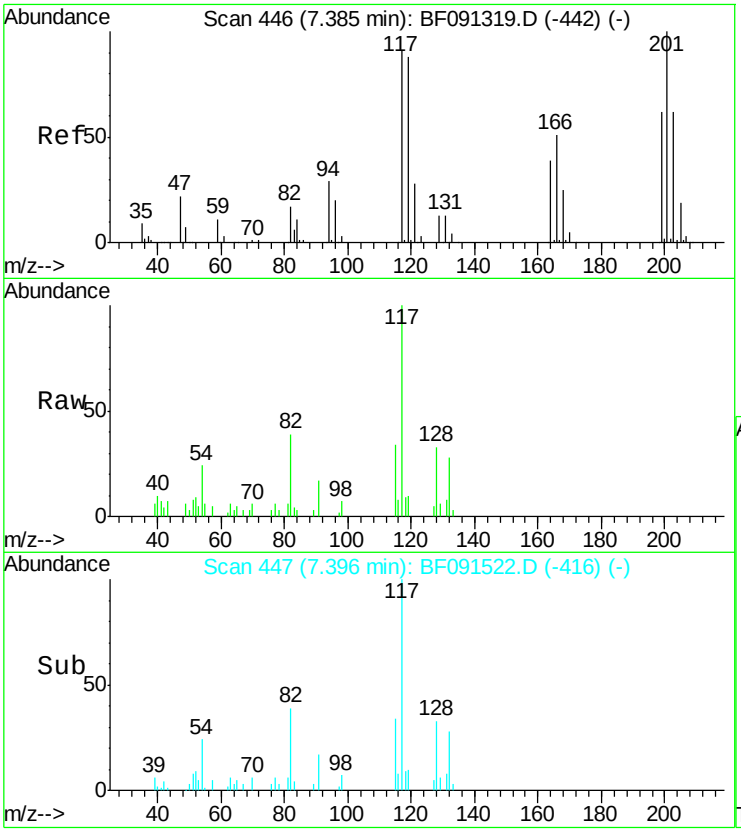


#9
Benzaldehyde
Concen: 2.89 ng
RT: 6.58 min Scan# 376
Delta R.T. 0.22 min
Lab File: BF091522.D
Acq: 9 Dec 2016 00:20

Tgt Ion: 77 Resp: 12488

Ion	Ratio	Lower	Upper
77	100		
105	74.3	66.4	106.4
106	69.2	60.9	100.9



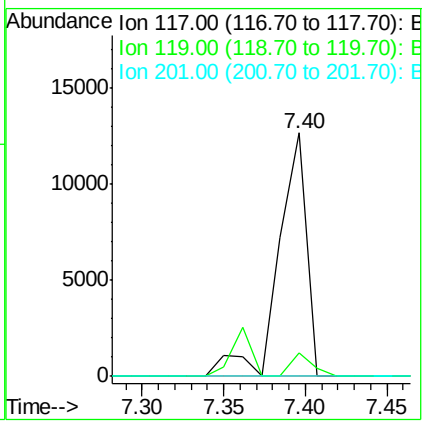


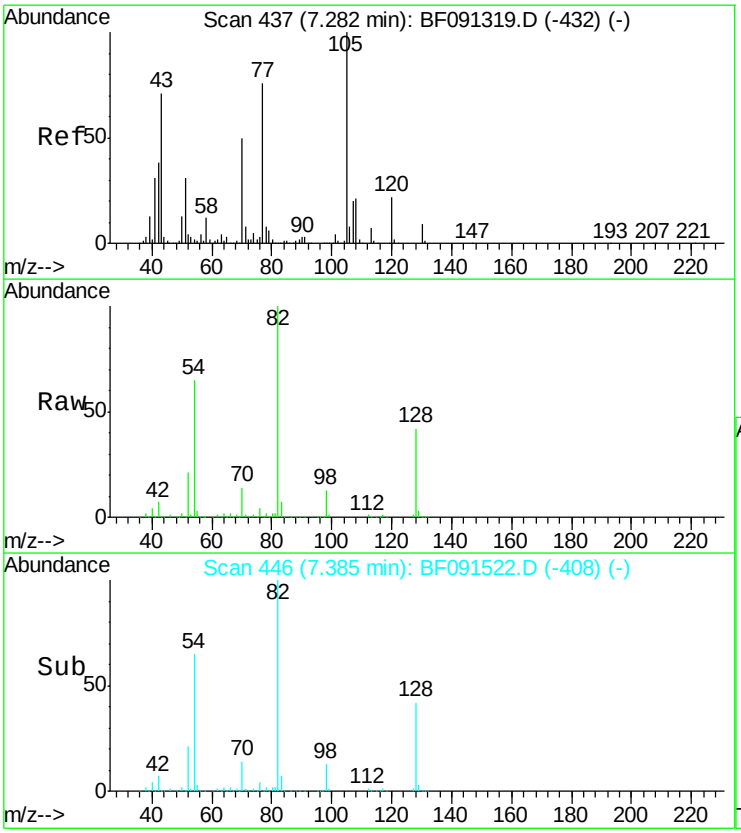
#18
Hexachloroethane
Concen: 6.43 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.06 min
Lab File: BF091522.D
Acq: 9 Dec 2016 00:20

Instrument :
BNA_F
ClientSampleId :
URSMW-11

Tgt Ion:117 Resp: 15087

Ion	Ratio	Lower	Upper
117	100		
119	9.9	78.6	118.0#
201	0.0	86.7	130.1#

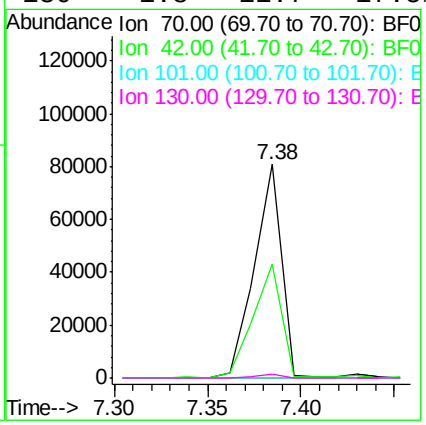


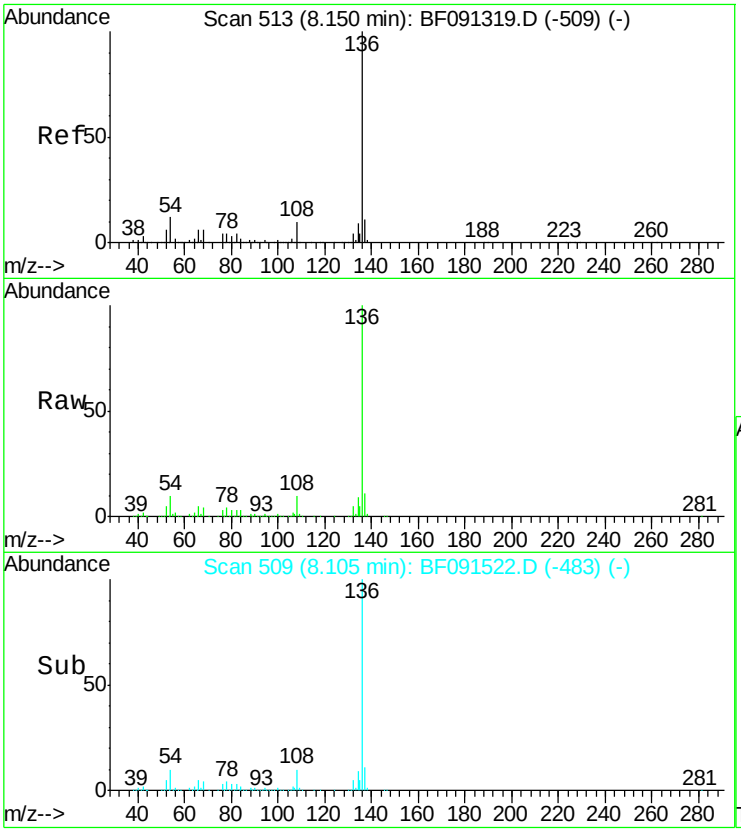


#19
n-Nitroso-di-n-propylamine
Concen: 19.26 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.14 min
Lab File: BF091522.D
Acq: 9 Dec 2016 00:20

Tgt Ion: 70 Resp: 81413

Ion	Ratio	Lower	Upper
70	100		
42	53.3	64.8	97.2#
101	0.0	6.2	9.4#
130	1.8	11.7	17.5#



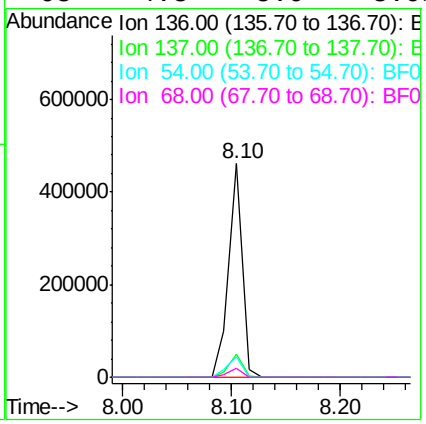


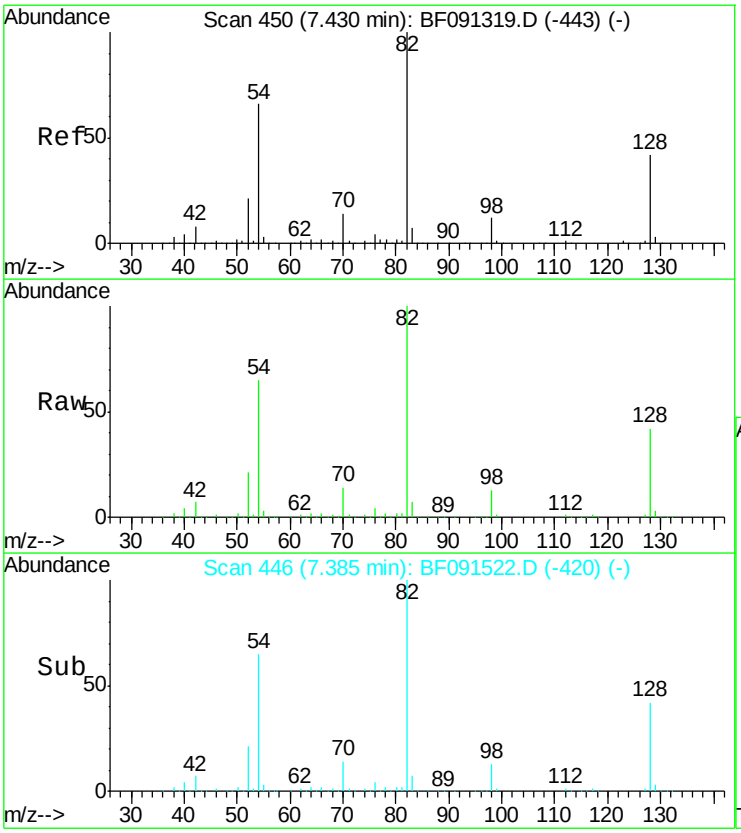
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF091522.D
Acq: 9 Dec 2016 00:20

Instrument :
BNA_F
ClientSampleId :
URSMW-11

Tgt Ion:136 Resp: 398448

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.7	9.1	13.7
68	4.3	5.9	8.9#

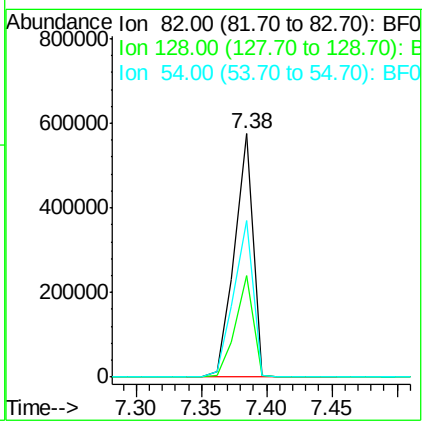


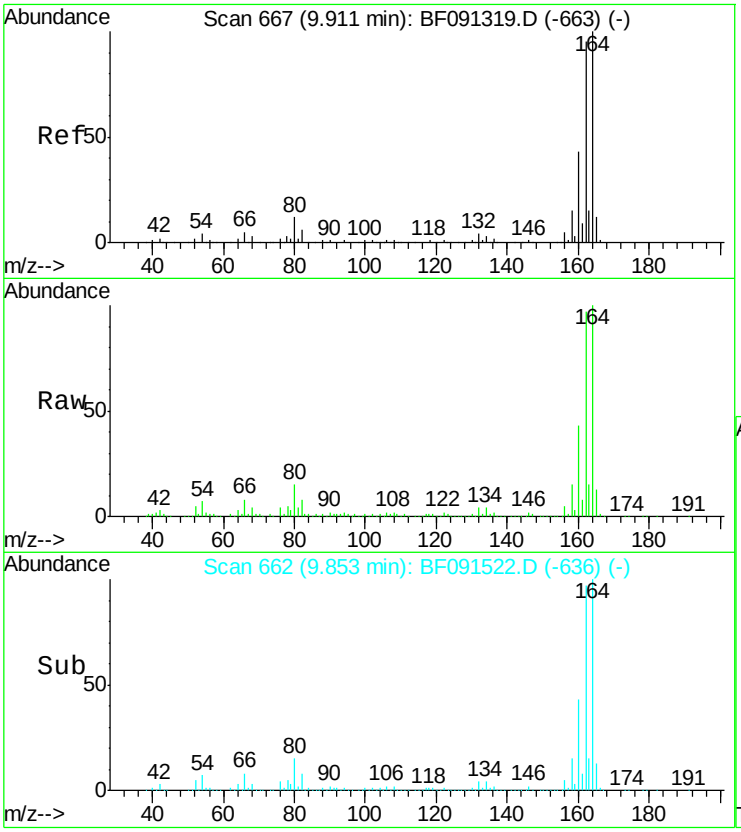


#23
Nitrobenzene-d5
Concen: 79.88 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF091522.D
Acq: 9 Dec 2016 00:20

Tgt Ion: 82 Resp: 567910

Ion	Ratio	Lower	Upper
82	100		
128	41.9	31.8	47.6
54	64.5	49.1	73.7



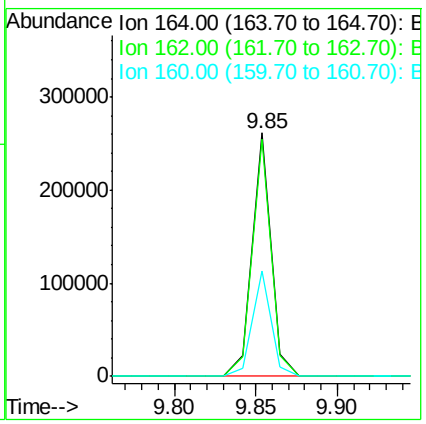


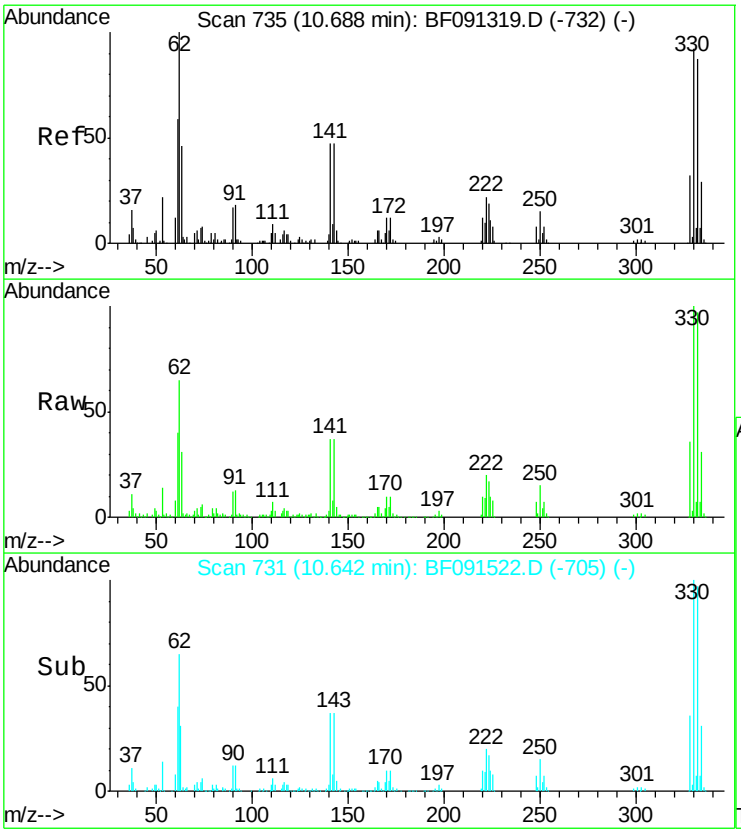
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF091522.D
Acq: 9 Dec 2016 00:20

Instrument :
BNA_F
ClientSampleId :
URSMW-11

Tgt Ion:164 Resp: 210998

Ion	Ratio	Lower	Upper
164	100		
162	97.4	82.6	124.0
160	43.5	36.7	55.1

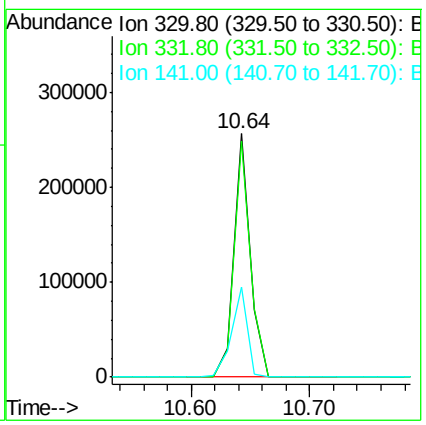


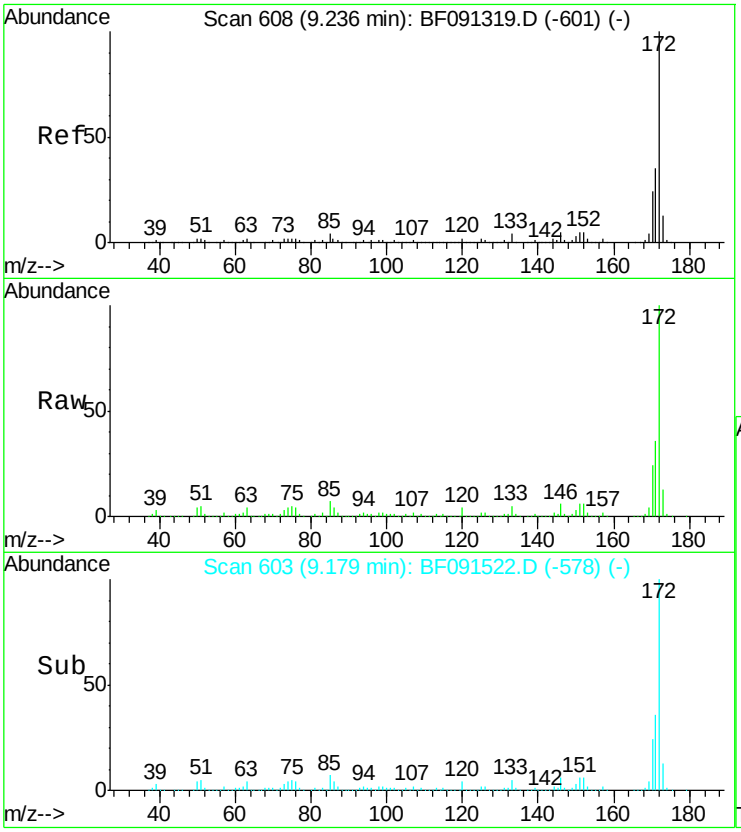


#41
2,4,6-Tribromophenol
Concen: 123.77 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF091522.D
Acq: 9 Dec 2016 00:20

Tgt Ion:330 Resp: 247231

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.2	114.4
141	34.8	33.6	50.4



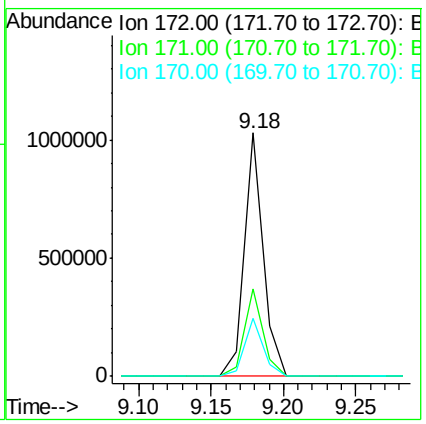


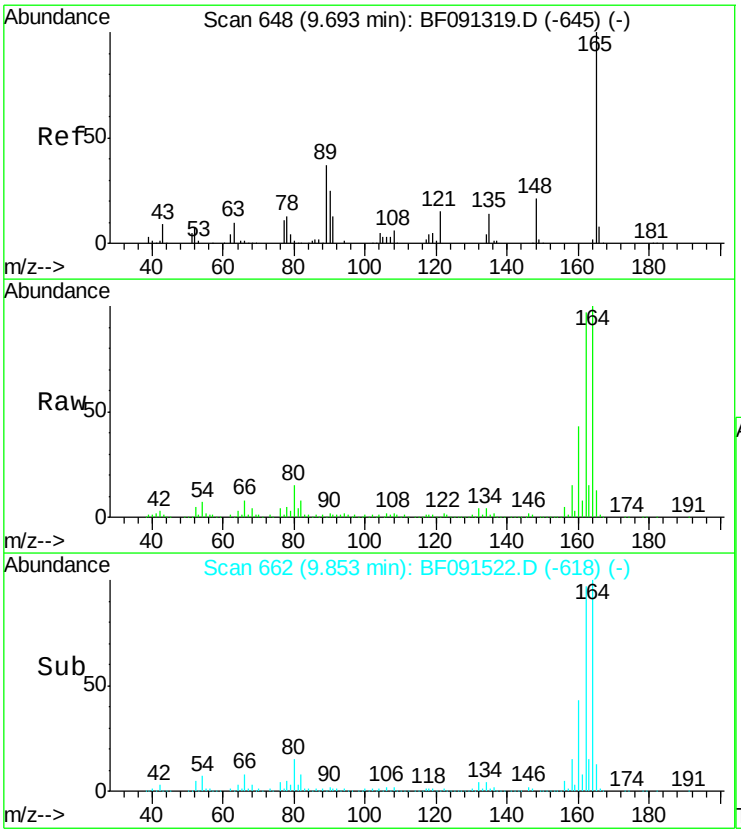
#44
2-Fluorobiphenyl
Concen: 79.61 ng
RT: 9.18 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF091522.D
Acq: 9 Dec 2016 00:20

Instrument :
BNA_F
ClientSampleId :
URSMW-11

Tgt Ion:172 Resp: 927768

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	23.9	19.7	29.5

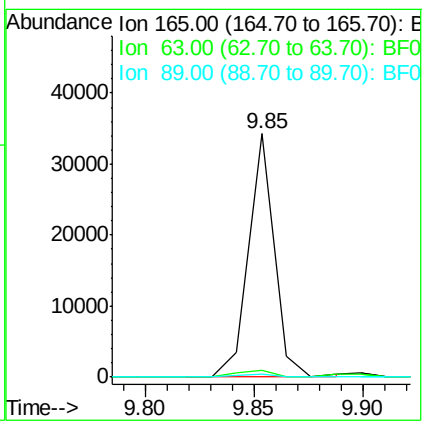


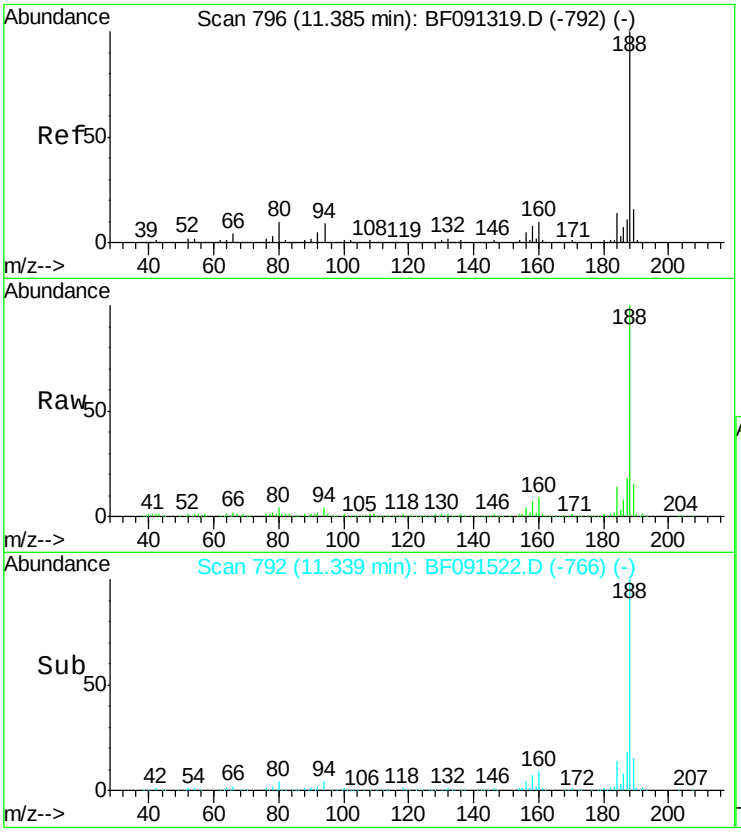


#50
2,6-Dinitrotoluene
Concen: 9.85 ng
RT: 9.85 min Scan# 662
Delta R.T. 0.21 min
Lab File: BF091522.D
Acq: 9 Dec 2016 00:20

Tgt Ion:165 Resp: 28136

Ion	Ratio	Lower	Upper
165	100		
63	2.7	59.4	89.0#
89	1.4	50.8	76.2#



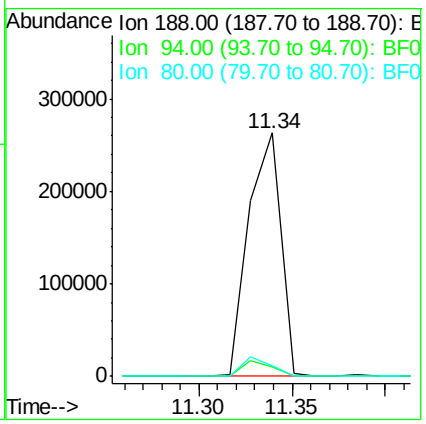


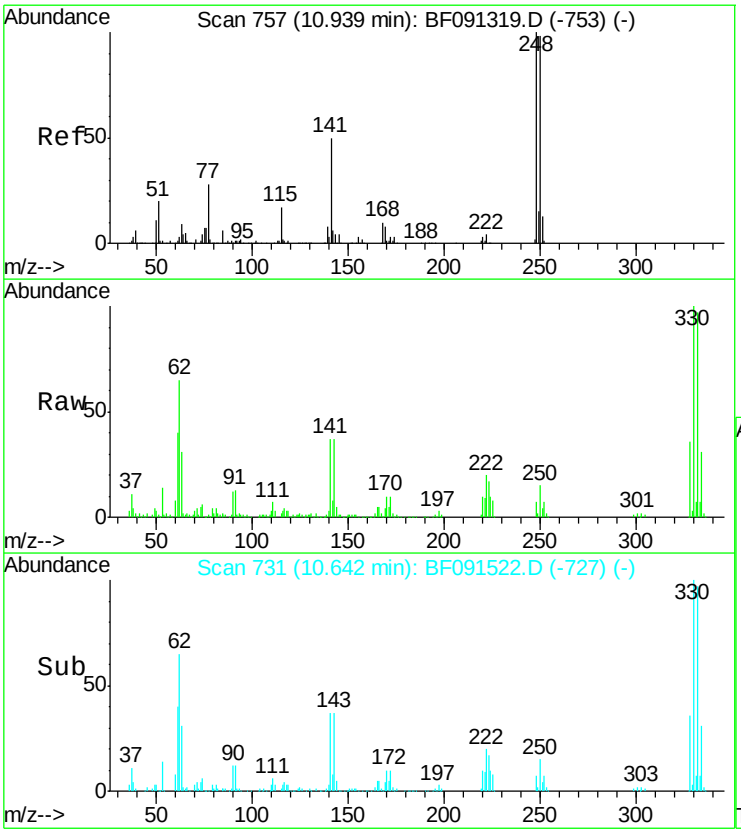
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF091522.D
Acq: 9 Dec 2016 00:20

Instrument :
BNA_F
ClientSampleId :
URSMW-11

Tgt Ion:188 Resp: 316226

Ion	Ratio	Lower	Upper
188	100		
94	4.0	9.2	13.8#
80	4.5	10.5	15.7#

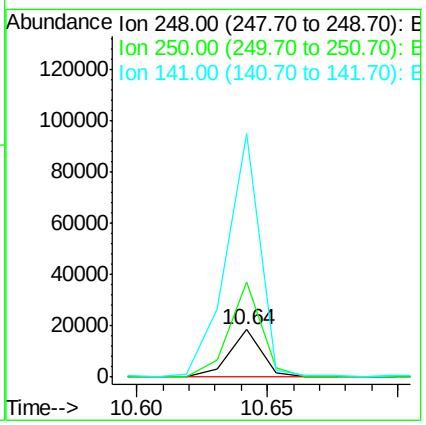


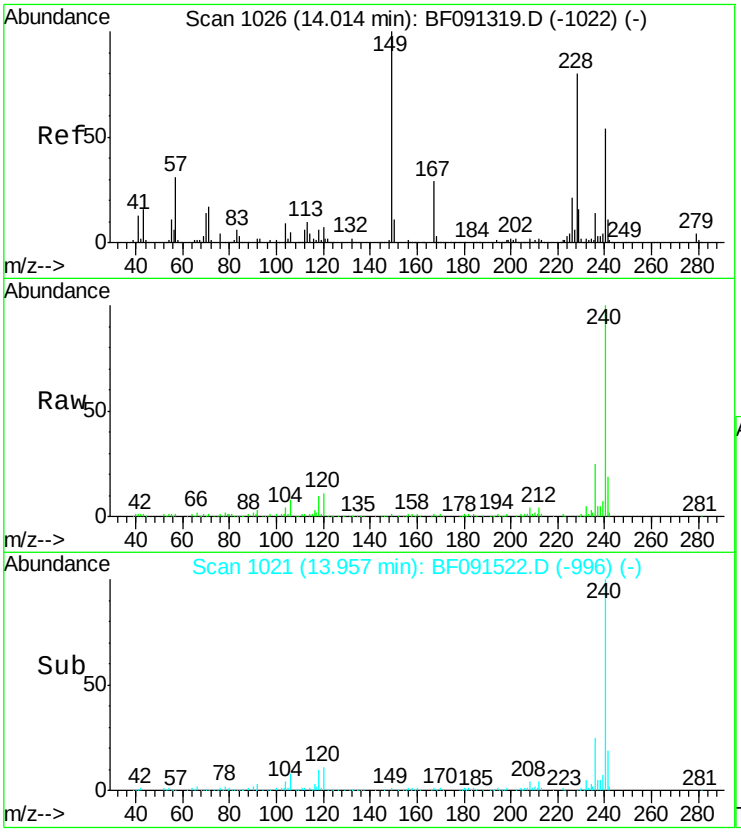


#66
4-Bromophenyl-phenylether
Concen: 4.69 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.25 min
Lab File: BF091522.D
Acq: 9 Dec 2016 00:20

Tgt Ion:248 Resp: 15952

Ion	Ratio	Lower	Upper
248	100		
250	201.6	78.2	117.4#
141	513.4	71.9	107.9#



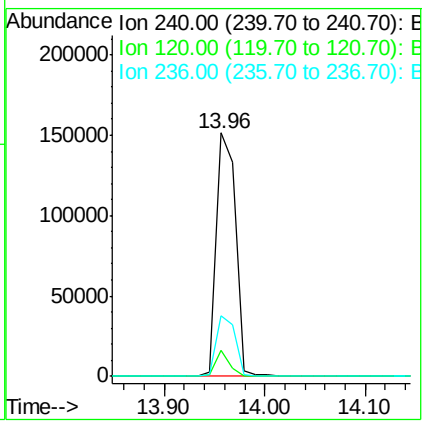


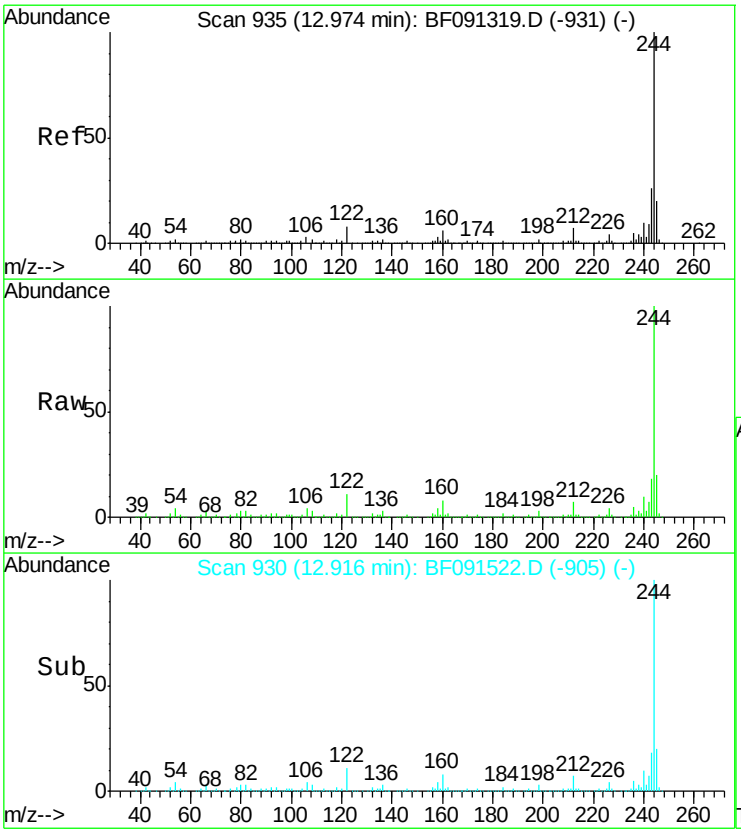
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF091522.D
Acq: 9 Dec 2016 00:20

Instrument :
BNA_F
ClientSampleId :
URSMW-11

Tgt Ion:240 Resp: 201888

Ion	Ratio	Lower	Upper
240	100		
120	10.8	12.1	18.1#
236	25.1	21.0	31.6

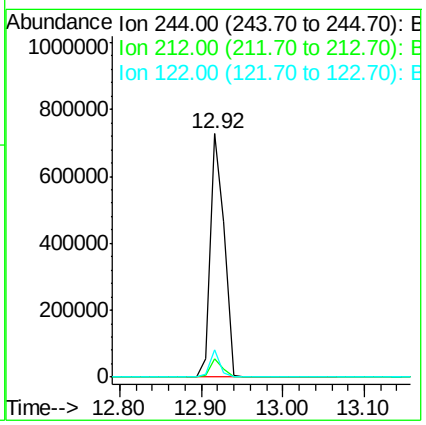


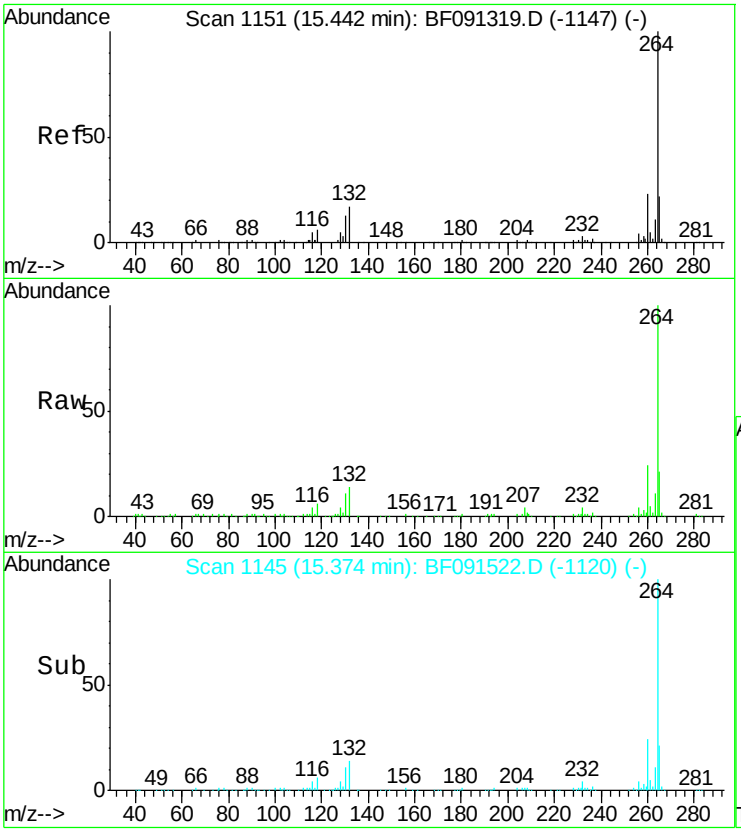


#78
Terphenyl-d14
Concen: 92.61 ng
RT: 12.92 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF091522.D
Acq: 9 Dec 2016 00:20

Tgt Ion:244 Resp: 860187

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	11.0	9.5	14.3





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF091522.D
Acq: 9 Dec 2016 00:20

Instrument :
BNA_F
ClientSampleId :
URSMW-11

Tgt Ion:264 Resp: 171699

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.5	17.0	25.6