Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091620.D
Acq On : 15 Dec 2016 9:54
Operator : UM/SJ
Sample : H5974-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Time: Dec 15 11:58:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	311525	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	1218360	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	679125	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	997693	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	770816	20.00	ng	-0.01
86) Perylene-d12	15.36	264	599289	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1072107	57.98	ng	-0.02
7) Phenol-d6	6.43	99	896025	38.87	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1649636	75.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	608707	107.91	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2763791	70.32	ng	-0.02
78) Terphenyl-d14	12.90	244	2653493	78.11	ng	-0.02
Target Compounds						Qvalue

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

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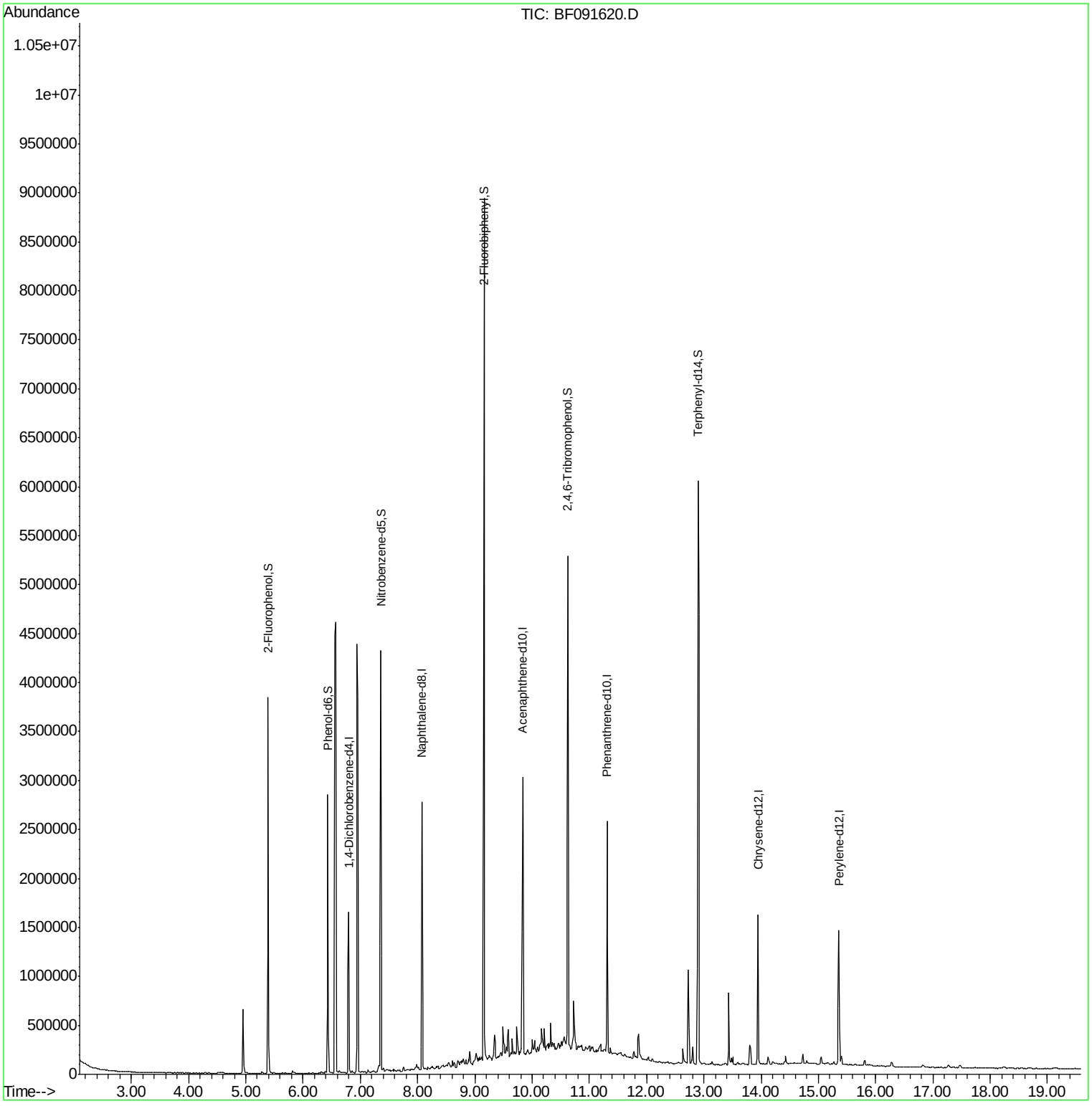
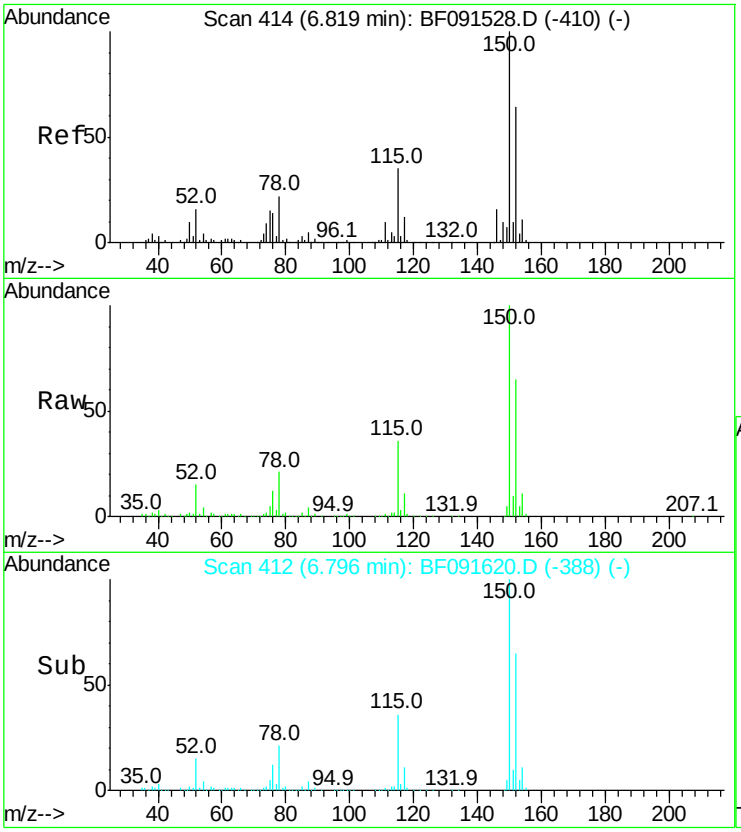


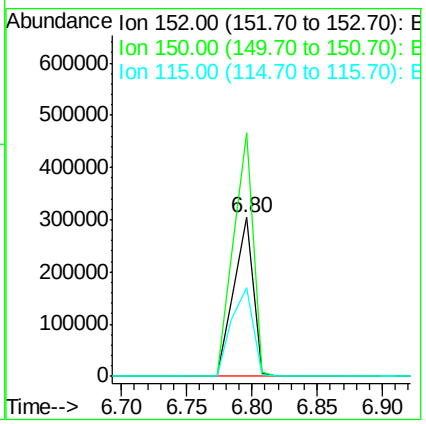


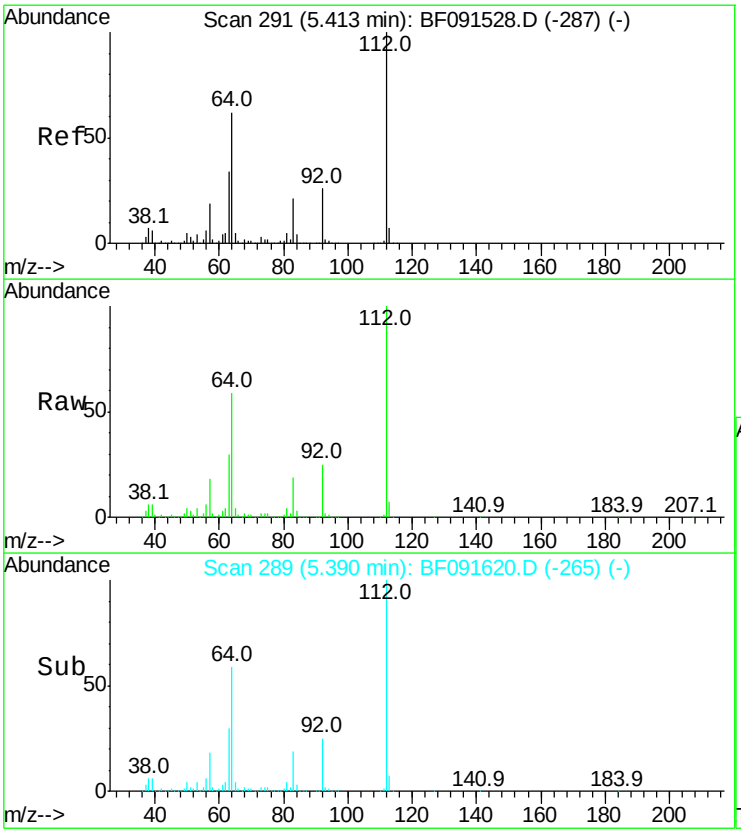
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF091620.D
Acq: 15 Dec 2016 9:54

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:152 Resp: 311525

Ion	Ratio	Lower	Upper
152	100		
150	153.5	122.5	183.7
115	55.8	51.8	77.8

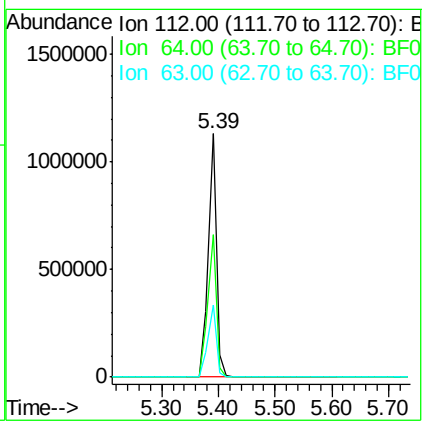


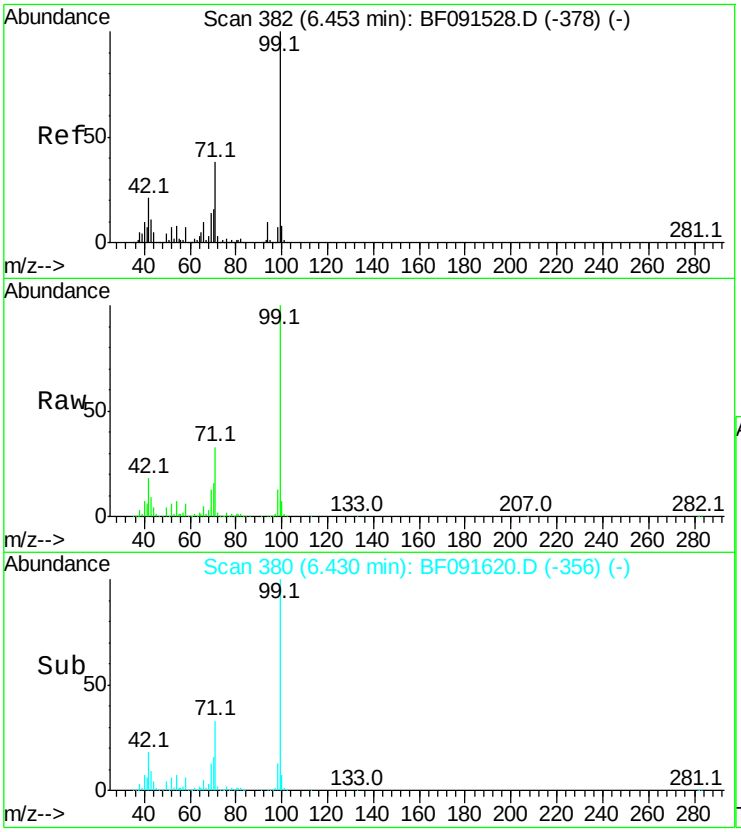


#5
2-Fluorophenol
Concen: 57.98 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF091620.D
Acq: 15 Dec 2016 9:54

Tgt Ion:112 Resp: 1072107

Ion	Ratio	Lower	Upper
112	100		
64	58.7	61.5	92.3#
63	29.8	33.3	49.9#



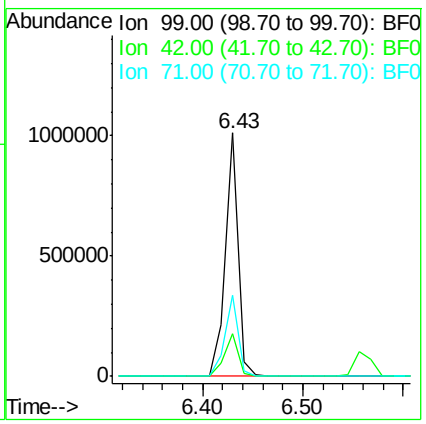


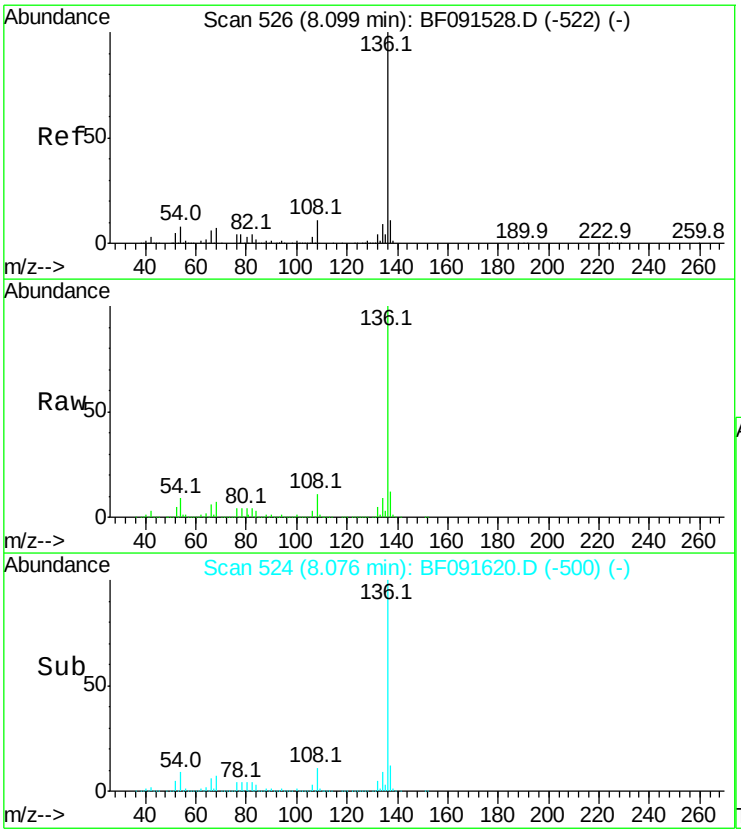
#7
Phenol-d6
Concen: 38.87 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.02 min
Lab File: BF091620.D
Acq: 15 Dec 2016 9:54

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion: 99 Resp: 896025

Ion	Ratio	Lower	Upper
99	100		
42	17.6	20.6	31.0#
71	33.2	29.9	44.9

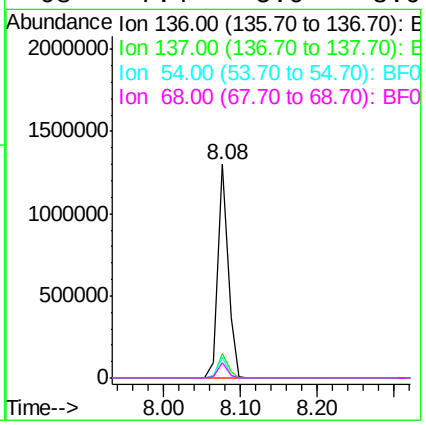


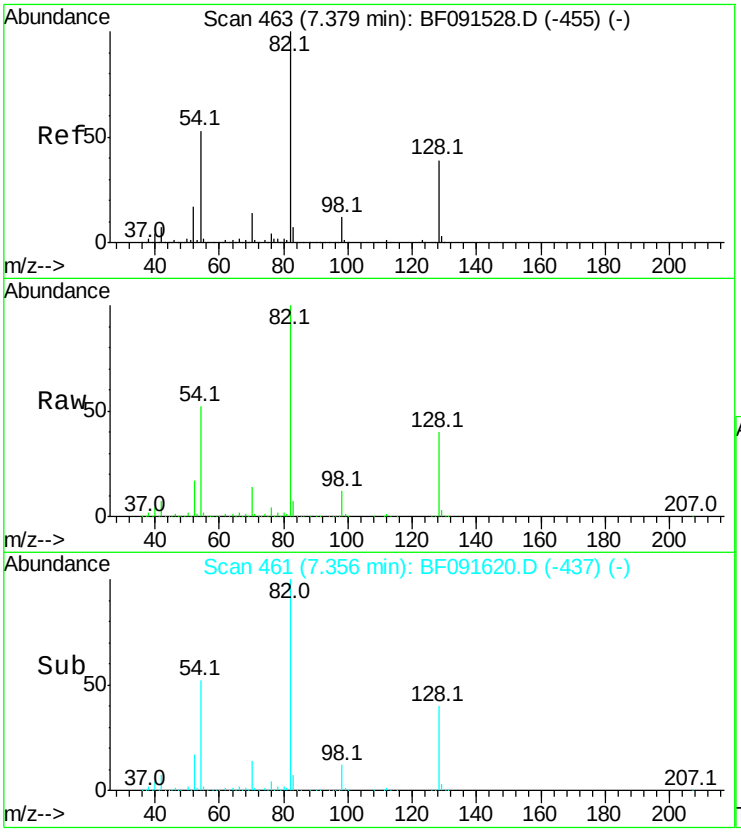


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF091620.D
Acq: 15 Dec 2016 9:54

Tgt Ion:136 Resp: 1218360

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.4	9.1	13.7
68	7.4	5.9	8.9

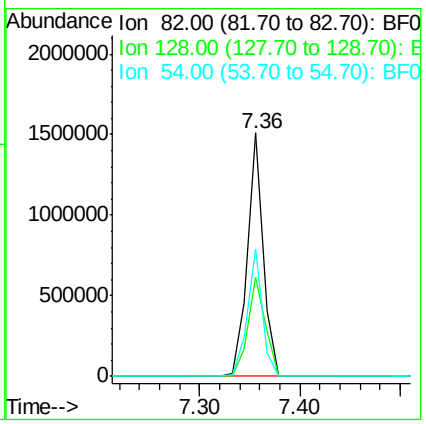




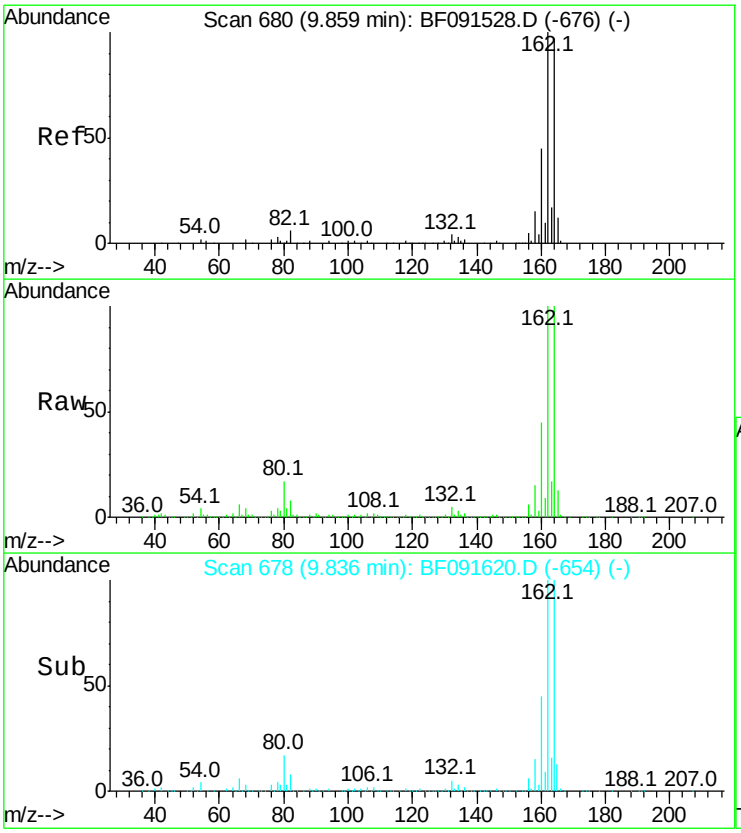
#23
Nitrobenzene-d5
Concen: 75.57 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF091620.D
Acq: 15 Dec 2016 9:54

Tgt Ion: 82 Resp: 1649636

Ion	Ratio	Lower	Upper
82	100		
128	40.4	31.8	47.6
54	52.1	49.1	73.7



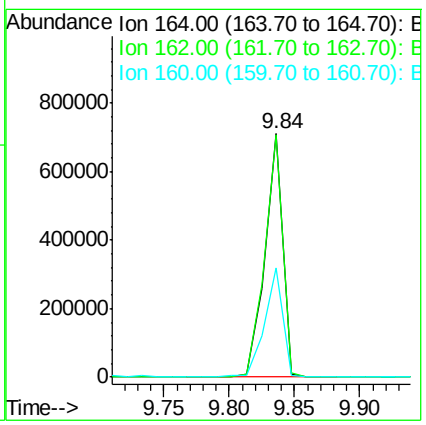
Instrument :
BNA_F
ClientSampleId :
MW-11

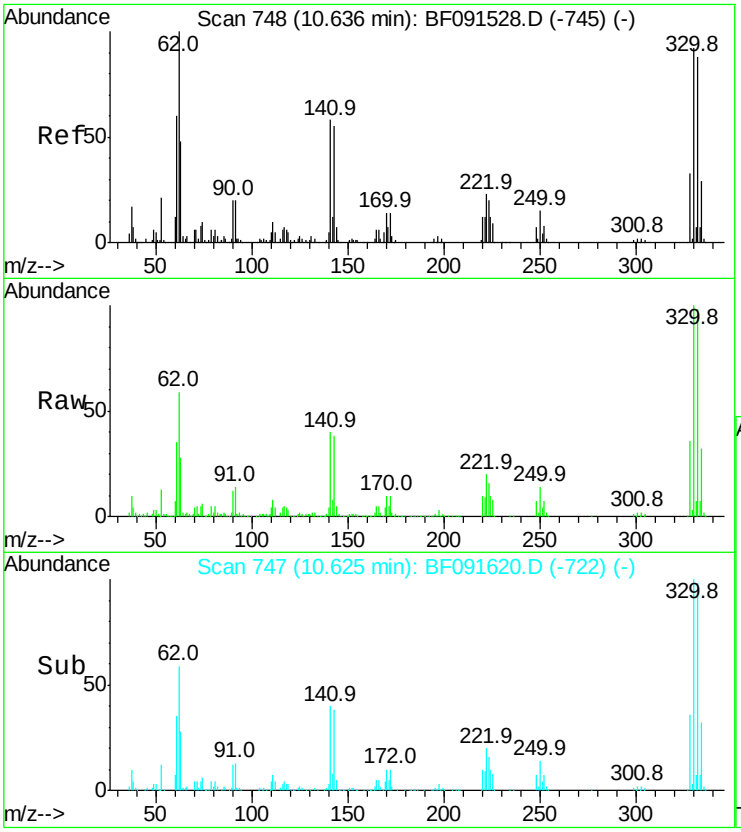


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF091620.D
Acq: 15 Dec 2016 9:54

Tgt Ion:164 Resp: 679125

Ion	Ratio	Lower	Upper
164	100		
162	99.5	82.6	124.0
160	44.9	36.7	55.1



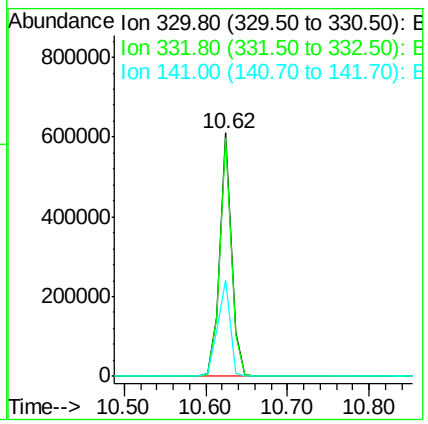


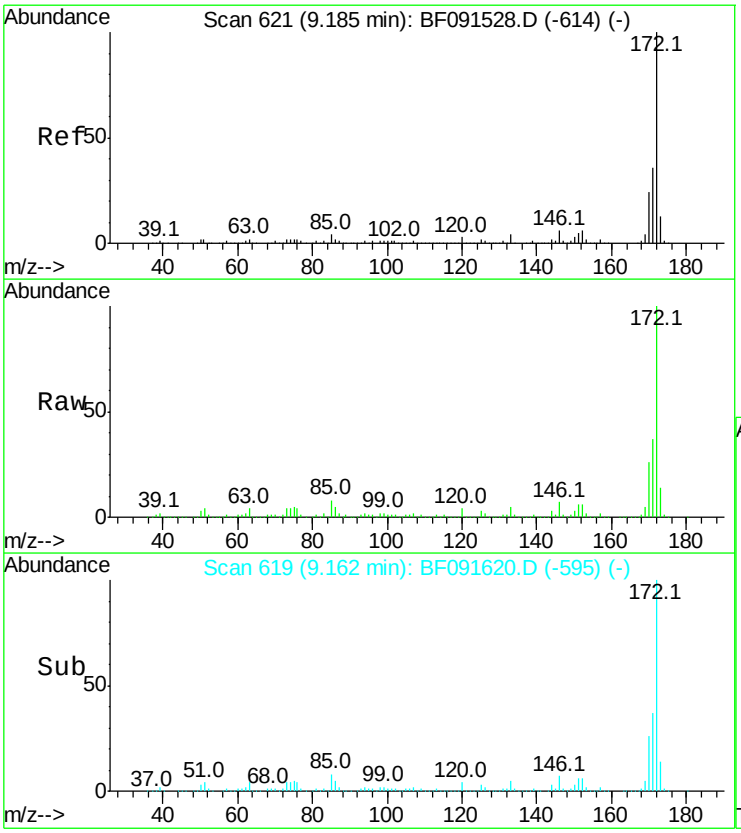
#41
2,4,6-Tribromophenol
Concen: 107.91 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF091620.D
Acq: 15 Dec 2016 9:54

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:330 Resp: 608707

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.2	114.4
141	41.8	33.6	50.4

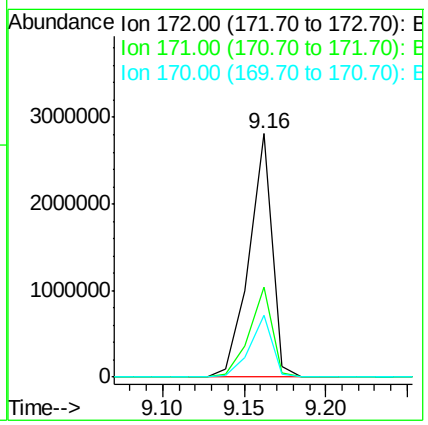


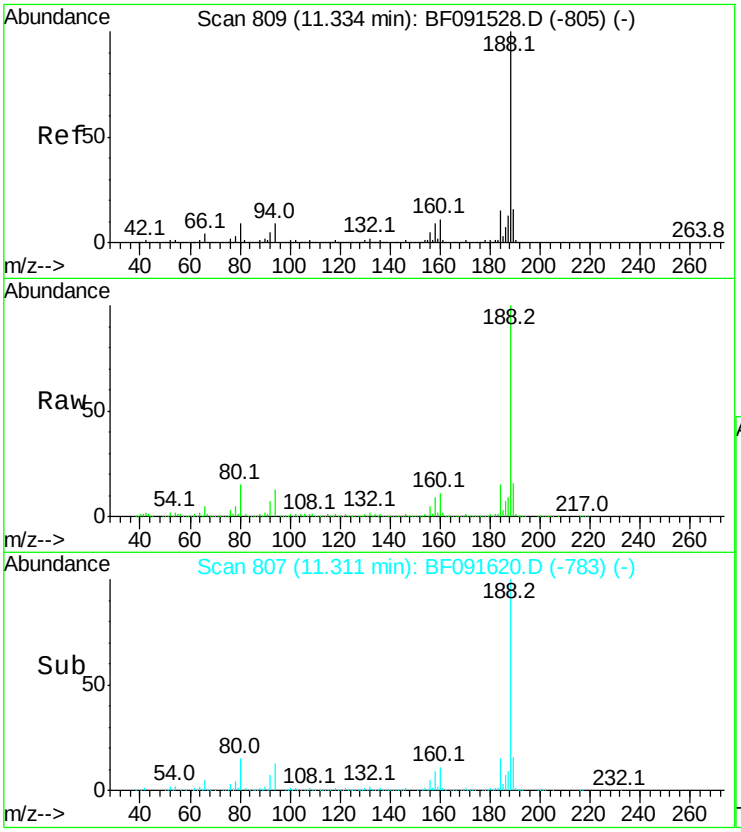


#44
2-Fluorobiphenyl
Concen: 70.32 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.02 min
Lab File: BF091620.D
Acq: 15 Dec 2016 9:54

Tgt Ion:172 Resp: 2763791

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	25.7	19.7	29.5



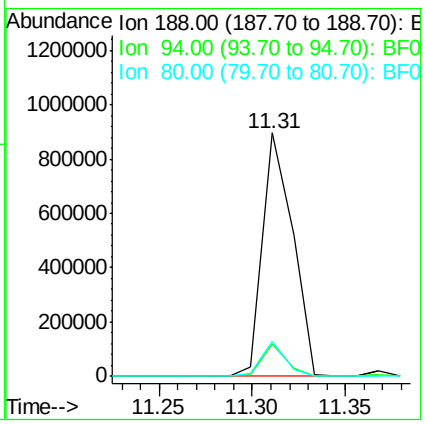


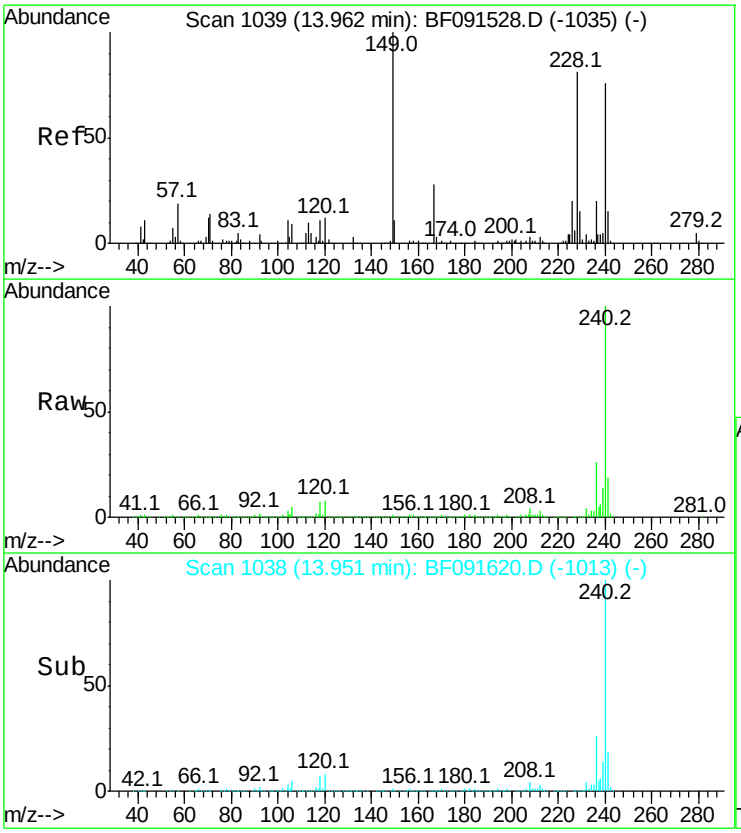
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF091620.D
Acq: 15 Dec 2016 9:54

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:188 Resp: 997693

Ion	Ratio	Lower	Upper
188	100		
94	13.3	9.2	13.8
80	14.6	10.5	15.7

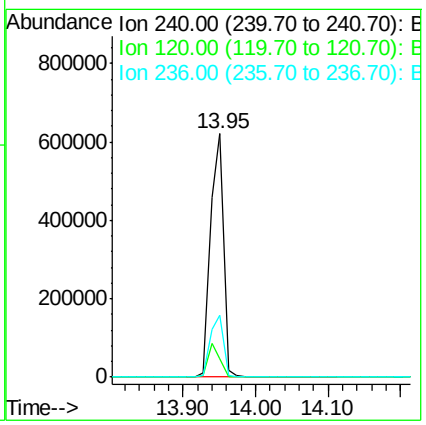


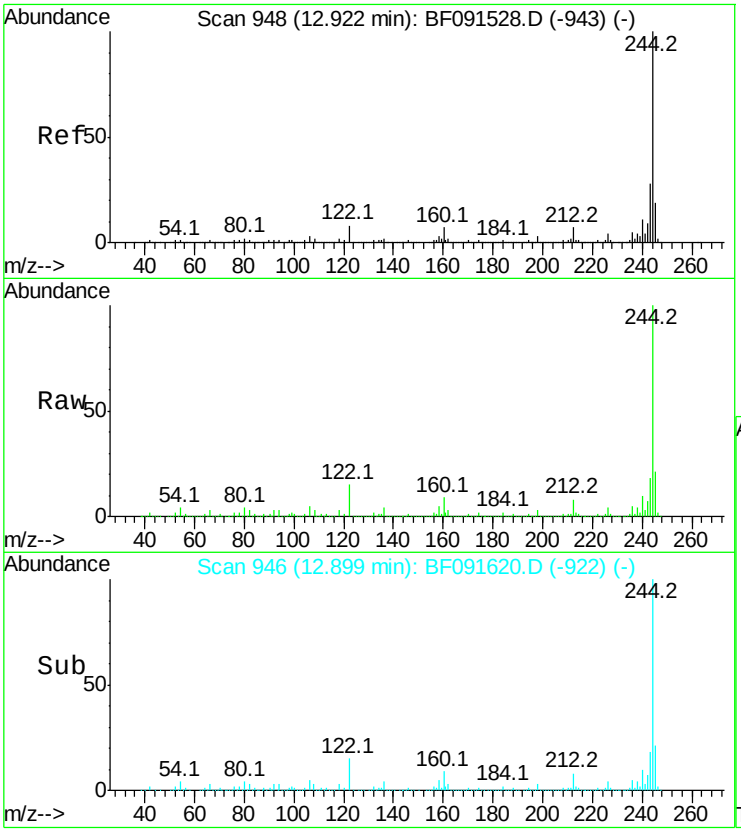


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF091620.D
Acq: 15 Dec 2016 9:54

Tgt Ion:240 Resp: 770816

Ion	Ratio	Lower	Upper
240	100		
120	7.8	12.1	18.1#
236	25.6	21.0	31.6



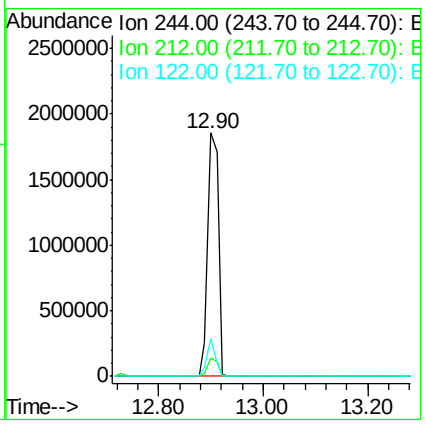


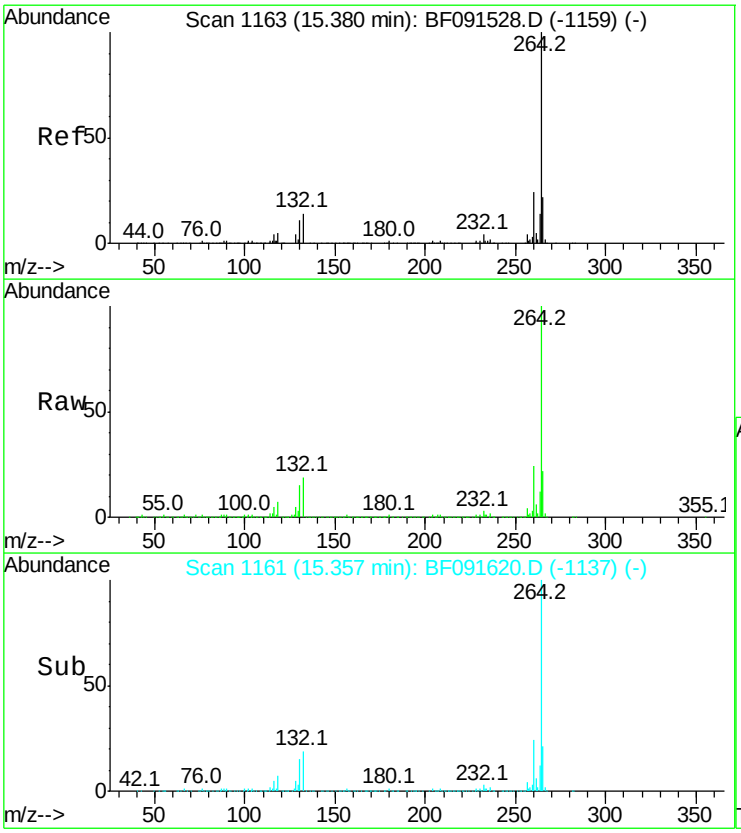
#78
Terphenyl-d14
Concen: 78.11 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF091620.D
Acq: 15 Dec 2016 9:54

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:244 Resp: 2653493

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	15.4	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BF091620.D
Acq: 15 Dec 2016 9:54

Tgt Ion:264 Resp: 599289

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.5	17.0	25.6