Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091656.D
Acq On : 16 Dec 2016 5:38
Operator : UM/SJ
Sample : H6011-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12

Quant Time: Dec 16 06:29:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	236936	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	753435	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	478901	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	561382	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	535706	20.00	ng	0.00
86) Perylene-d12	15.35	264	434890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	688143	48.93	ng	0.00
7) Phenol-d6	6.42	99	663973	37.87	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1405534	104.12	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	341537	85.86	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2194974	79.20	ng	0.00
78) Terphenyl-d14	12.89	244	1424386	60.33	ng	-0.01
Target Compounds						Qvalue

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

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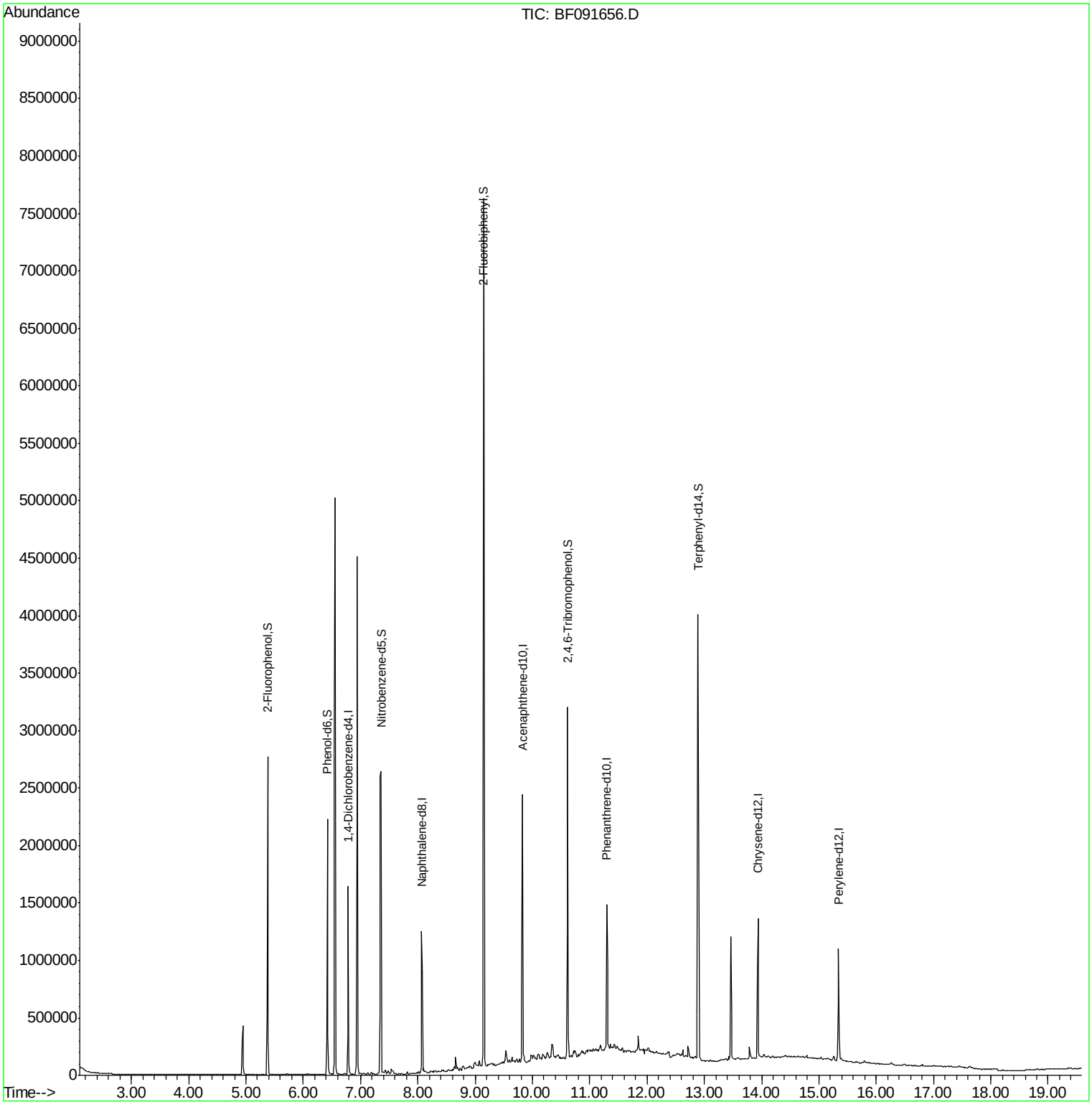
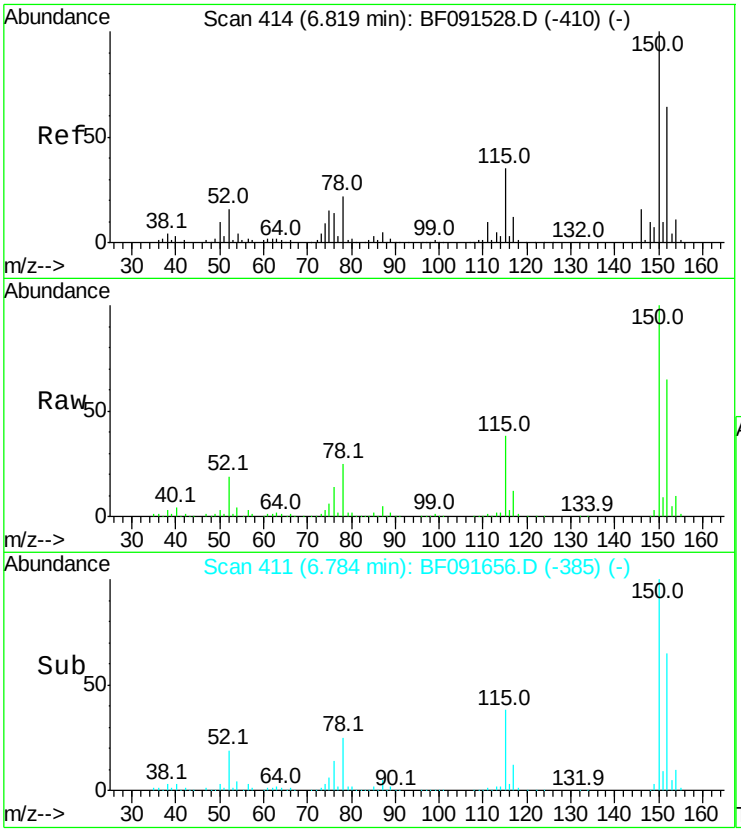


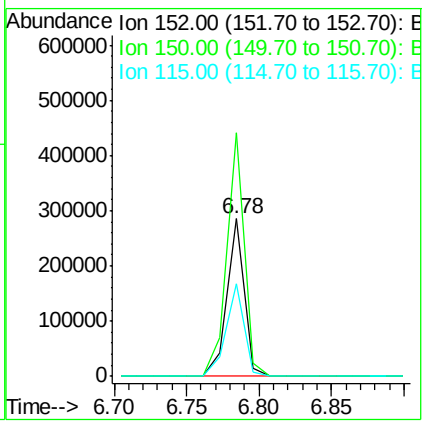


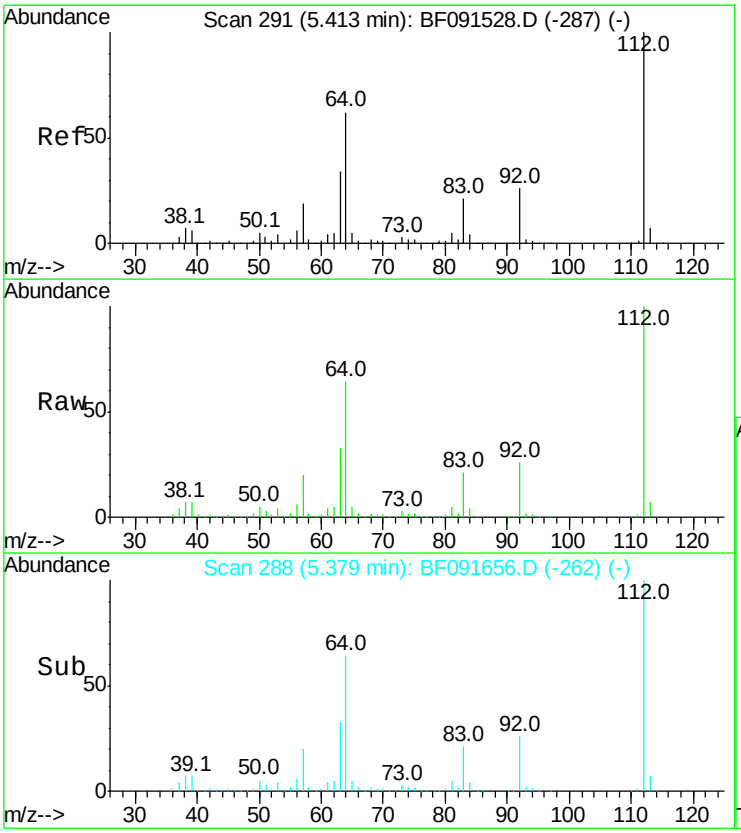
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF091656.D
Acq: 16 Dec 2016 5:38

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:152 Resp: 236936

Ion	Ratio	Lower	Upper
152	100		
150	154.7	122.5	183.7
115	59.2	51.8	77.8

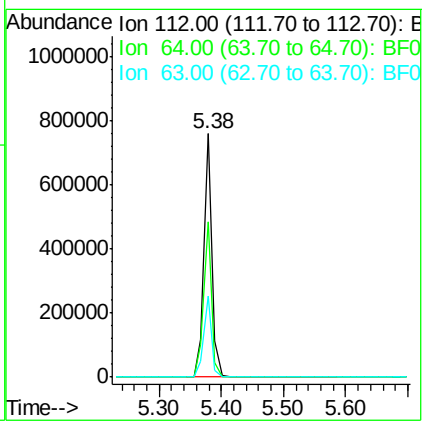


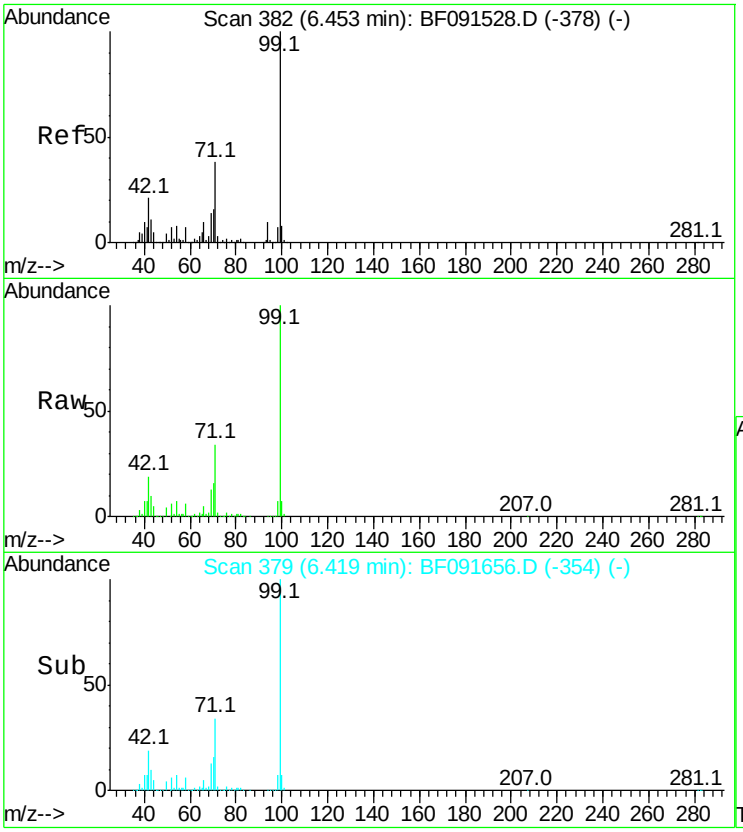


#5
2-Fluorophenol
Concen: 48.93 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF091656.D
Acq: 16 Dec 2016 5:38

Tgt Ion:112 Resp: 688143

Ion	Ratio	Lower	Upper
112	100		
64	63.7	61.5	92.3
63	33.2	33.3	49.9#



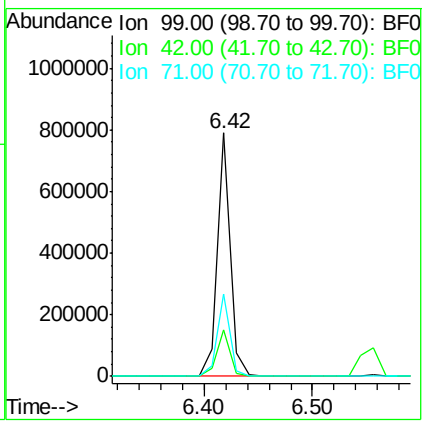


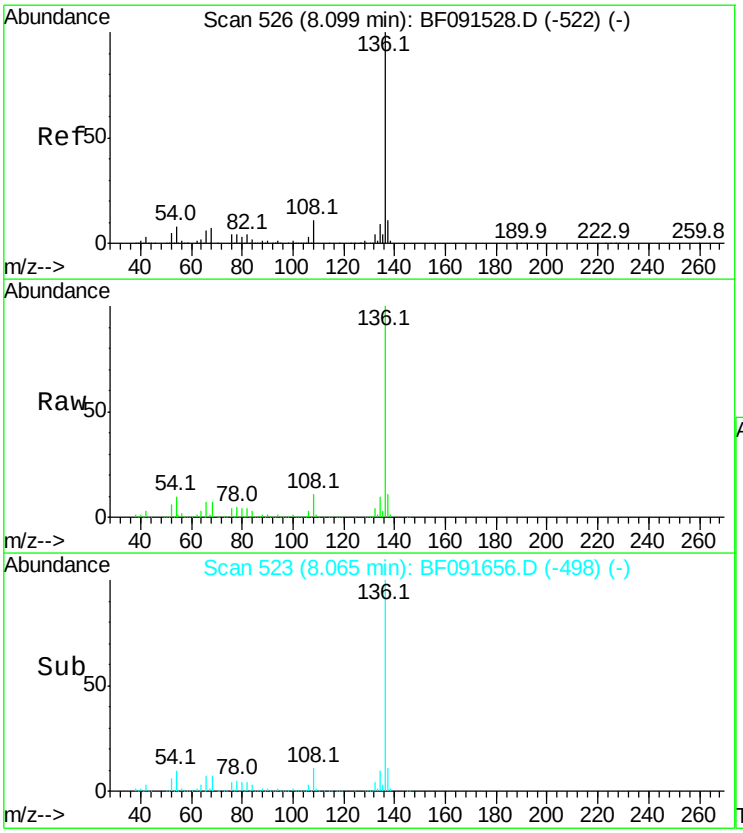
#7
Phenol-d6
Concen: 37.87 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF091656.D
Acq: 16 Dec 2016 5:38

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion: 99 Resp: 663973

Ion	Ratio	Lower	Upper
99	100		
42	19.2	20.6	31.0#
71	33.9	29.9	44.9

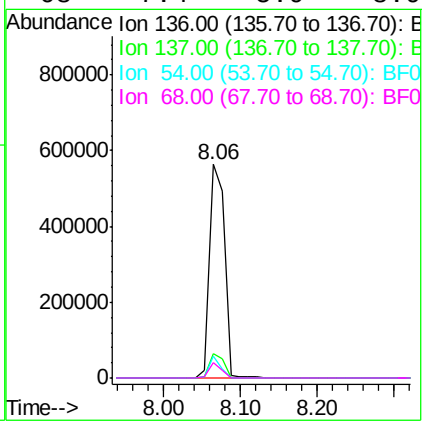


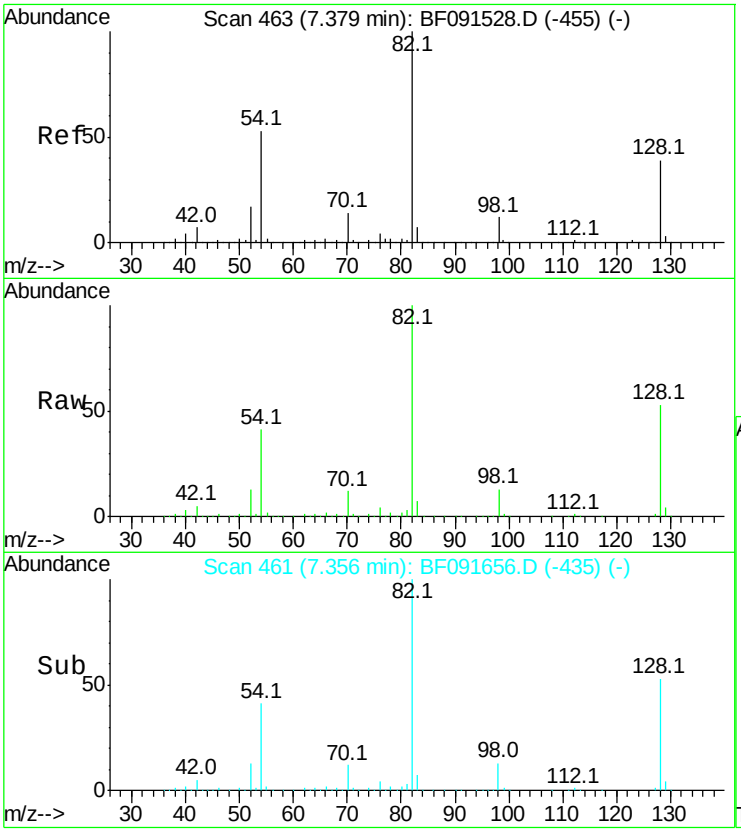


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF091656.D
Acq: 16 Dec 2016 5:38

Tgt Ion:136 Resp: 753435

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.4	9.1	13.7
68	7.4	5.9	8.9



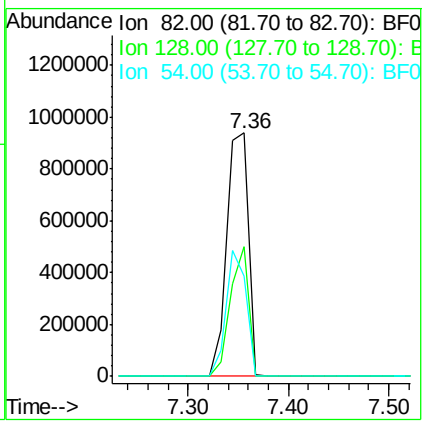


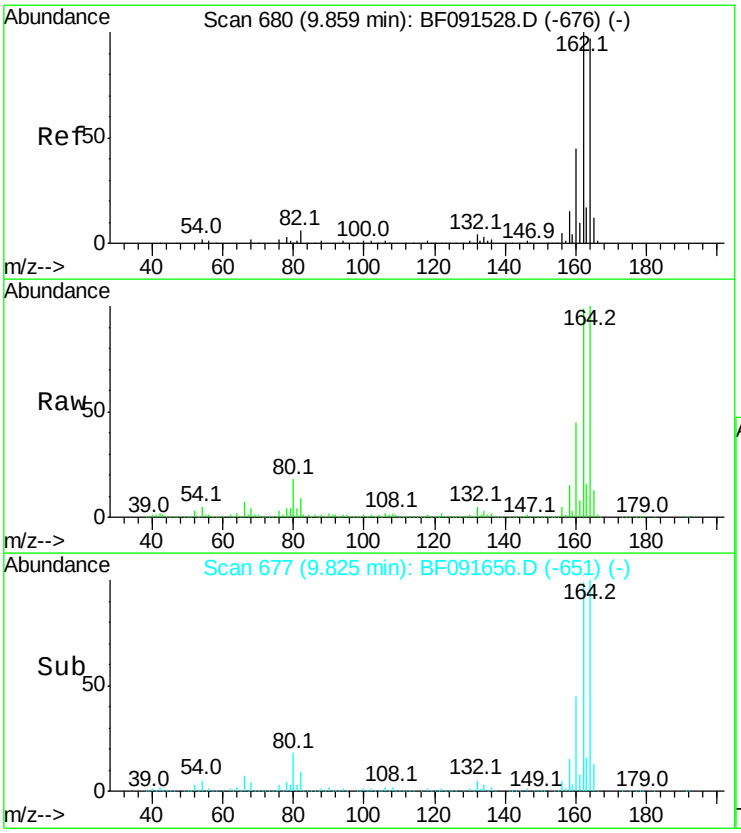
#23
Nitrobenzene-d5
Concen: 104.12 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF091656.D
Acq: 16 Dec 2016 5:38

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion: 82 Resp: 1405534

Ion	Ratio	Lower	Upper
82	100		
128	53.5	31.8	47.6#
54	41.3	49.1	73.7#

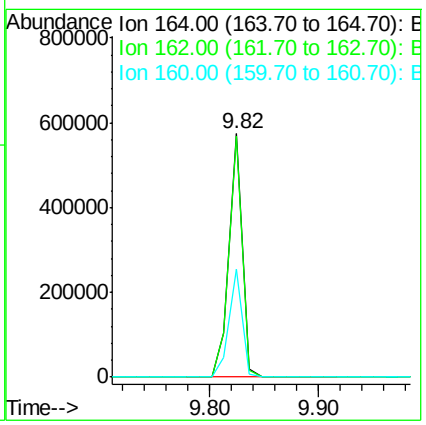


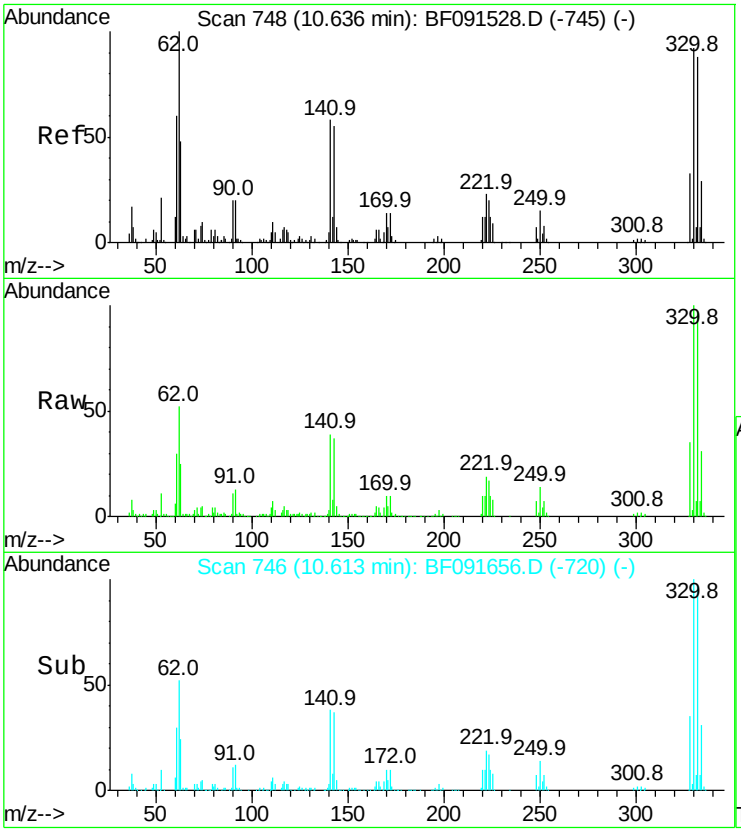


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF091656.D
Acq: 16 Dec 2016 5:38

Tgt Ion:164 Resp: 478901

Ion	Ratio	Lower	Upper
164	100		
162	99.0	82.6	124.0
160	44.5	36.7	55.1



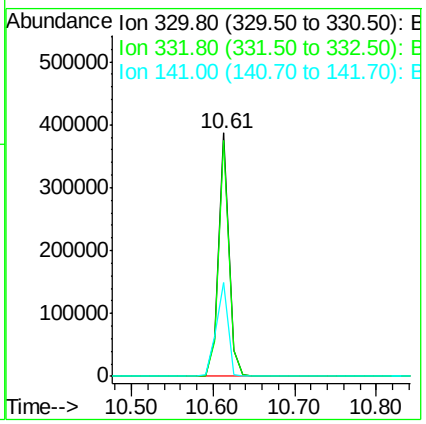


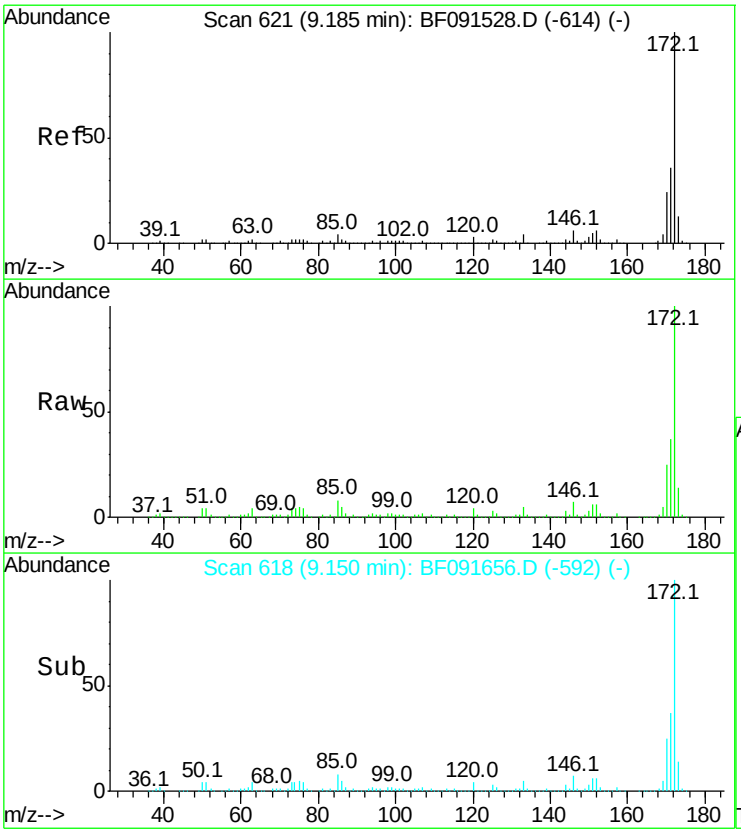
#41
2,4,6-Tribromophenol
Concen: 85.86 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF091656.D
Acq: 16 Dec 2016 5:38

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:330 Resp: 341537

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.4
141	44.4	33.6	50.4

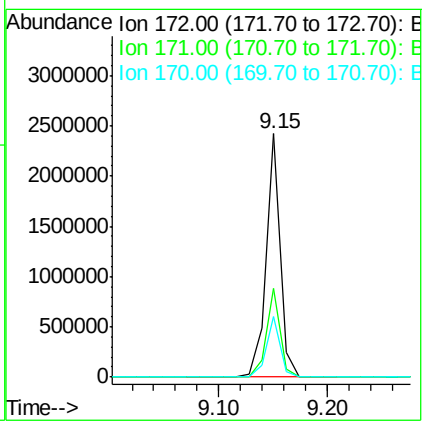


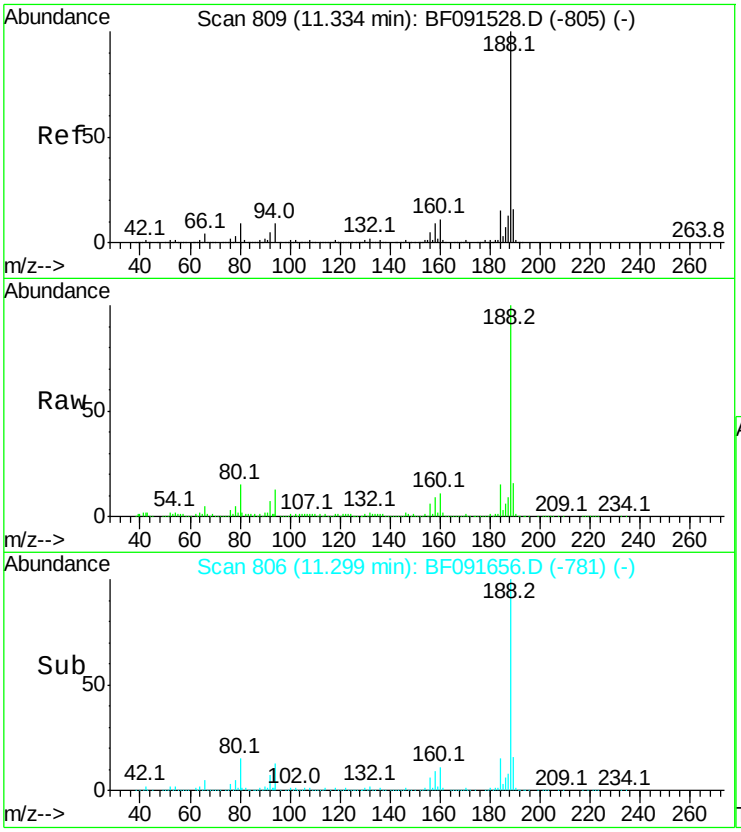


#44
2-Fluorobiphenyl
Concen: 79.20 ng
RT: 9.15 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF091656.D
Acq: 16 Dec 2016 5:38

Tgt Ion:172 Resp: 2194974

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	25.0	19.7	29.5



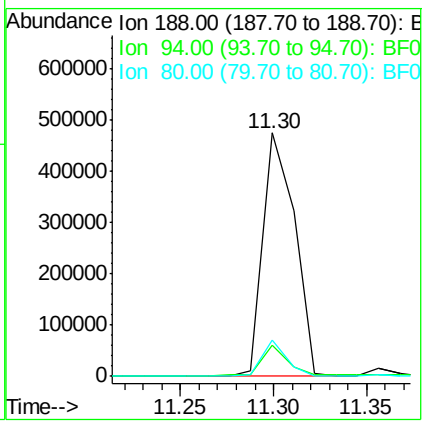


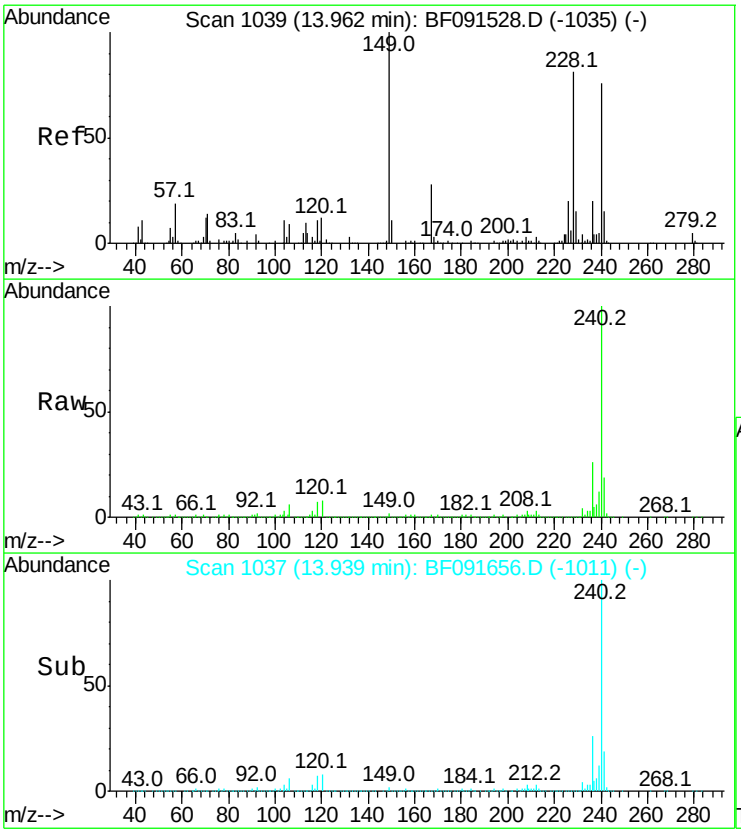
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091656.D
Acq: 16 Dec 2016 5:38

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:188 Resp: 561382

Ion	Ratio	Lower	Upper
188	100		
94	13.0	9.2	13.8
80	14.8	10.5	15.7

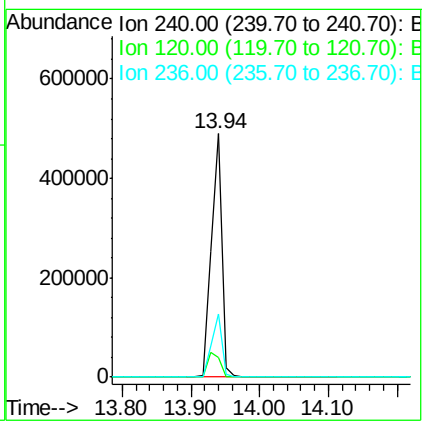


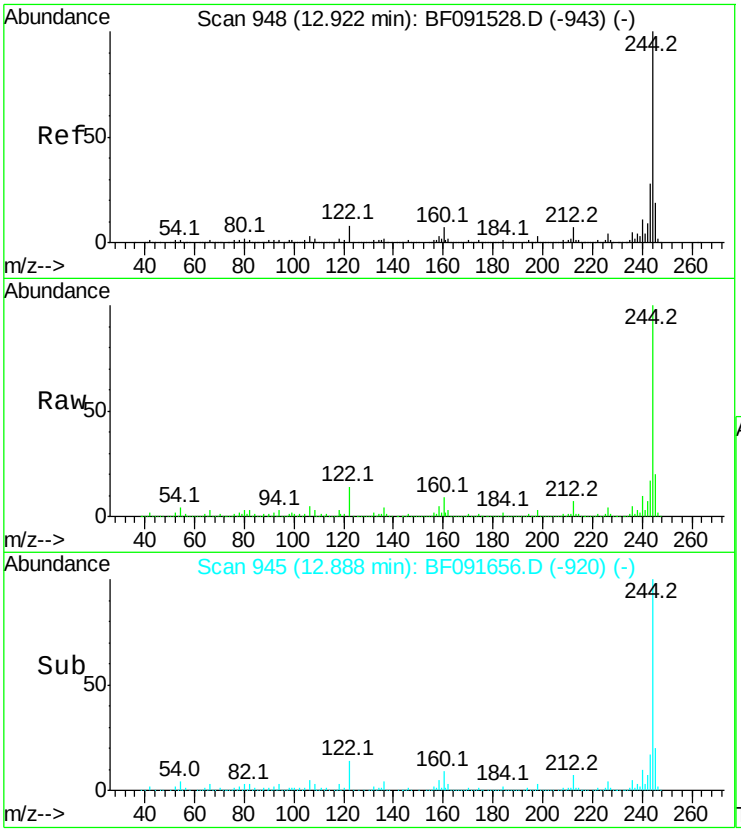


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF091656.D
Acq: 16 Dec 2016 5:38

Tgt Ion:240 Resp: 535706

Ion	Ratio	Lower	Upper
240	100		
120	8.2	12.1	18.1#
236	26.0	21.0	31.6



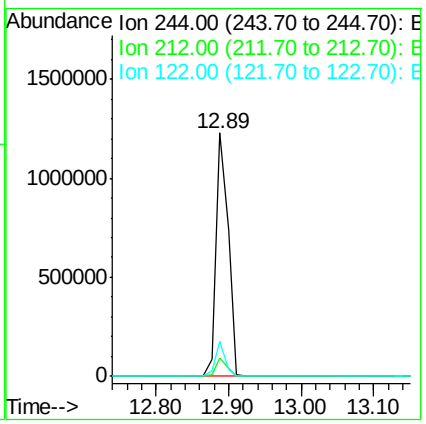


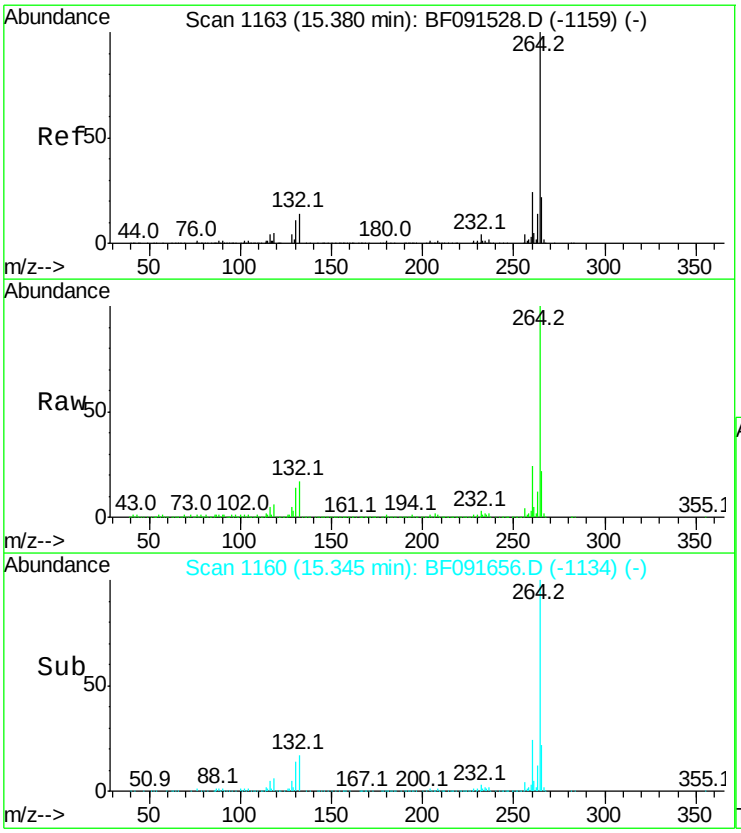
#78
Terphenyl-d14
Concen: 60.33 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF091656.D
Acq: 16 Dec 2016 5:38

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:244 Resp: 1424386

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	14.5	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF091656.D
Acq: 16 Dec 2016 5:38

Tgt Ion:264 Resp: 434890

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	22.3	17.0	25.6