Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090391.D
Acq On : 5 Oct 2016 20:34
Operator : UM/SJ
Sample : H4818-05
Misc : LOD 5PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-WATER2016-05-QT4

Quant Time: Oct 06 01:52:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	243542	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1019229	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	520080	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	770253	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	654172	20.00	ng	-0.01
86) Perylene-d12	15.70	264	476803	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	2077448	127.31	ng	0.01
7) Phenol-d6	6.62	99	2369043	110.85	ng	0.00
23) Nitrobenzene-d5	7.56	82	1650226	78.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	555172	131.28	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2690913	86.21	ng	-0.01
78) Terphenyl-d14	13.14	244	2656584	91.30	ng	0.00
Target Compounds						Qvalue

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

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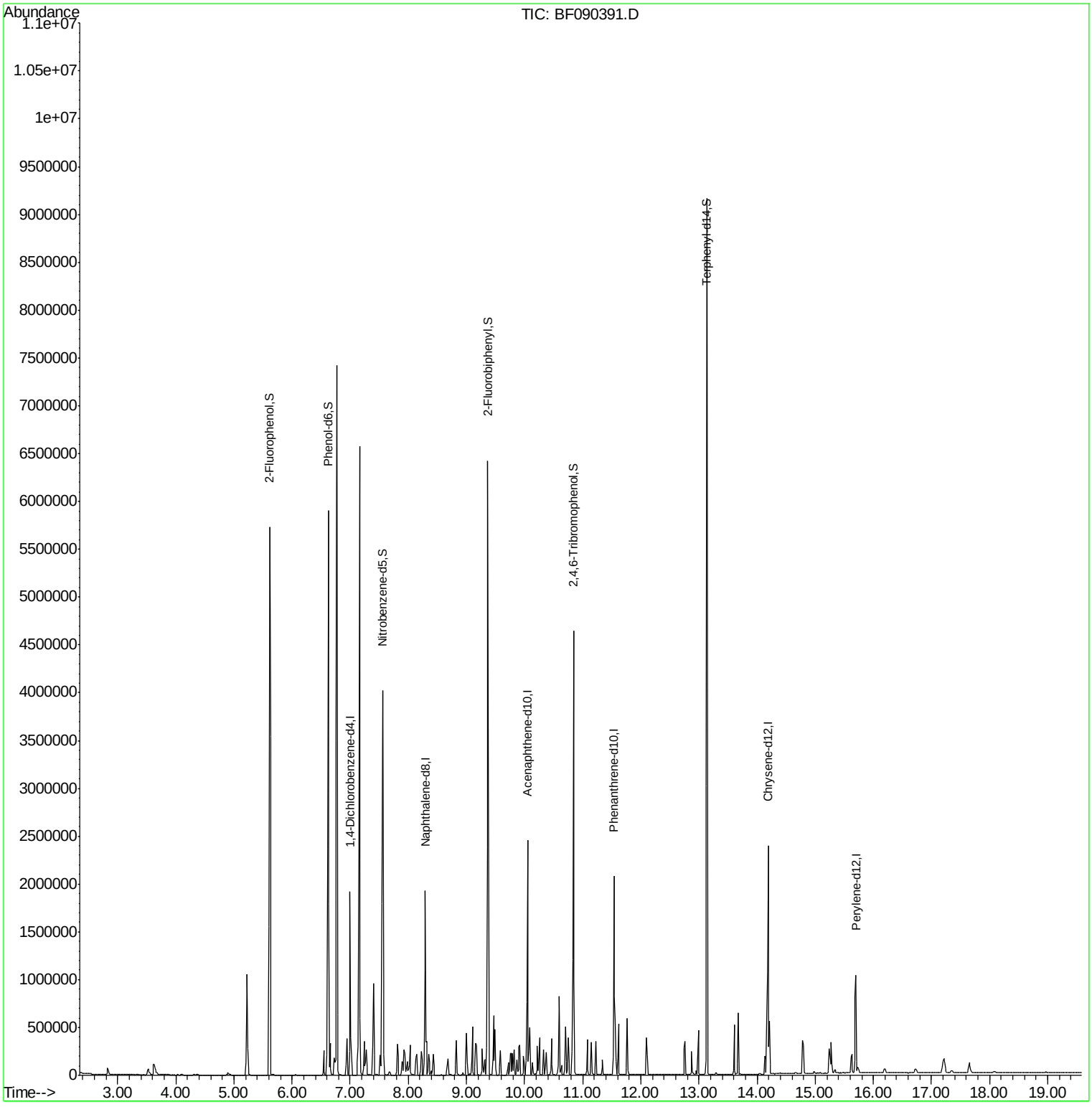
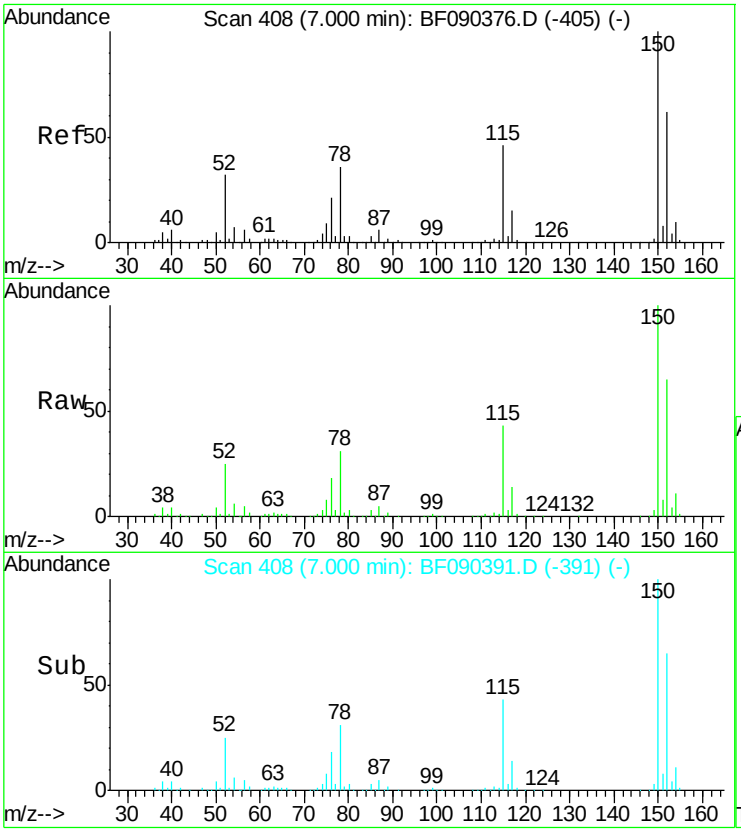
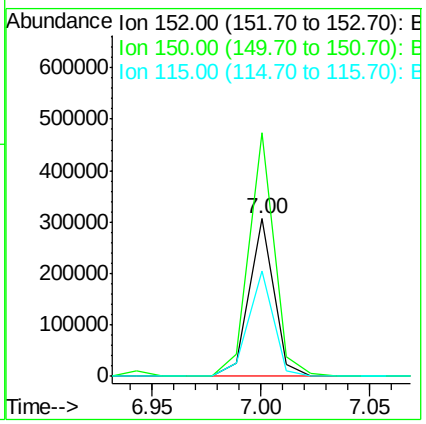




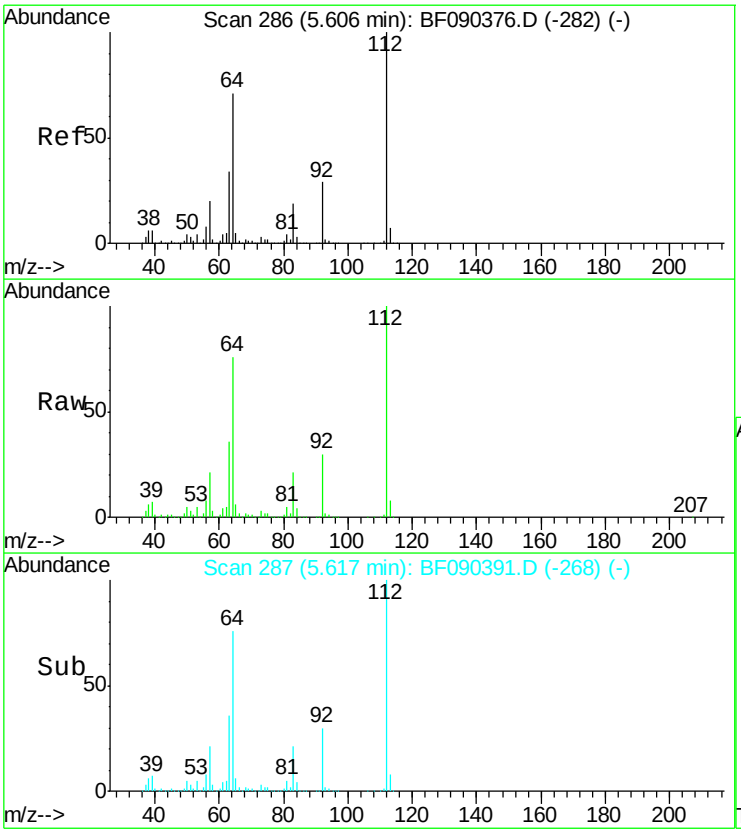
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Tgt Ion:152 Resp: 243542

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	66.9	46.2	69.4



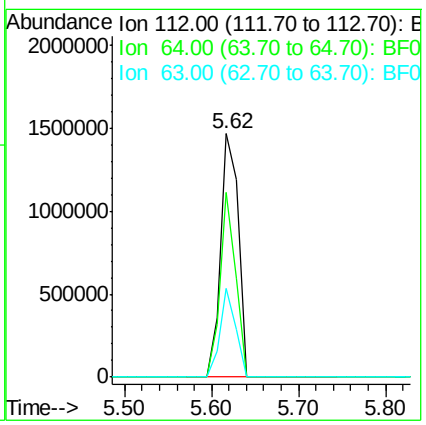
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

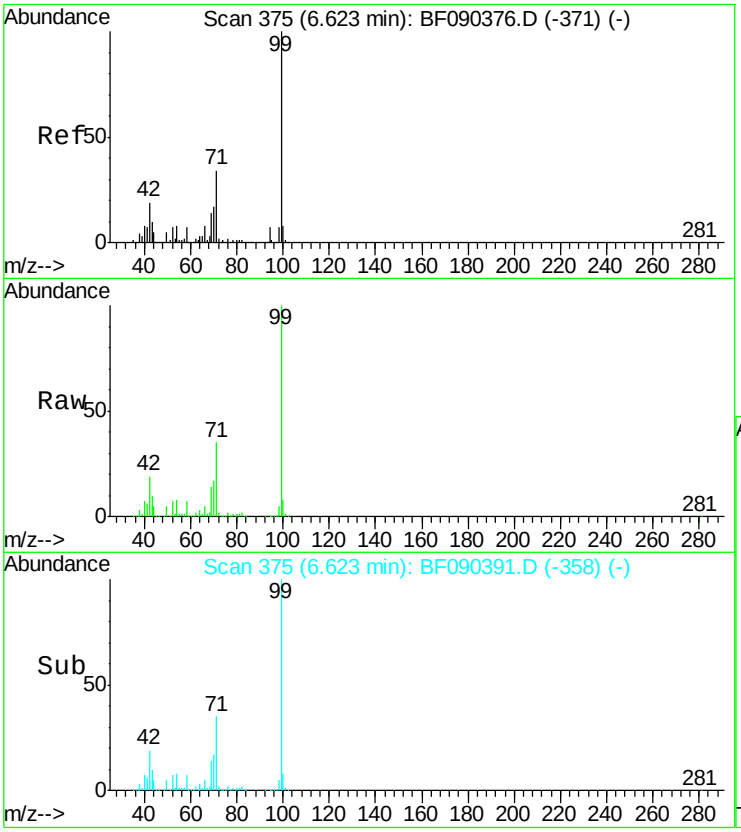


#5
2-Fluorophenol
Concen: 127.31 ng
RT: 5.62 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Tgt Ion:112 Resp: 2077448

Ion	Ratio	Lower	Upper
112	100		
64	75.9	57.9	86.9
63	36.5	29.6	44.4



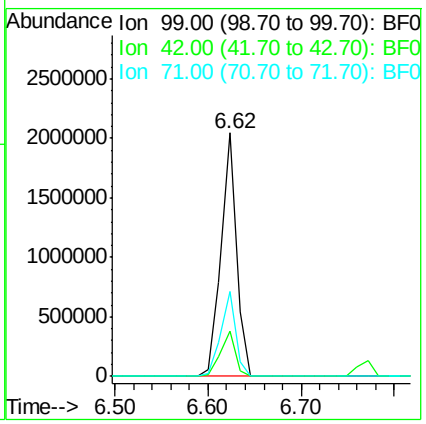


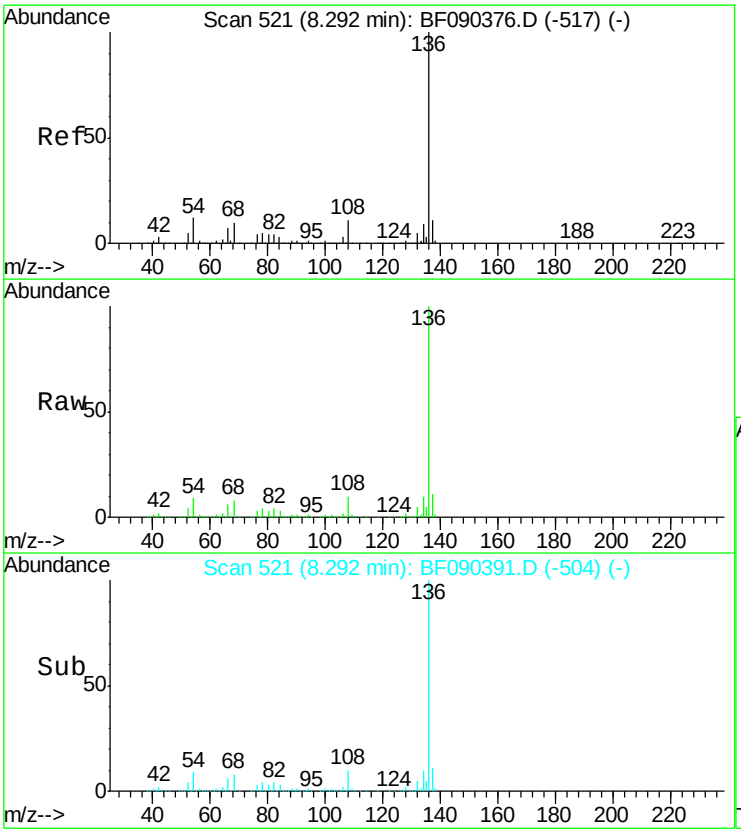
#7
Phenol-d6
Concen: 110.85 ng
RT: 6.62 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion: 99 Resp: 2369043

Ion	Ratio	Lower	Upper
99	100		
42	18.6	20.0	30.0#
71	34.7	27.9	41.9

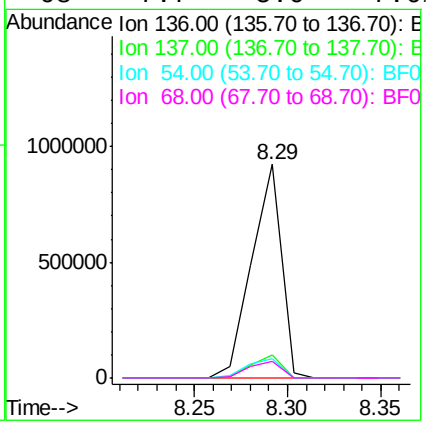


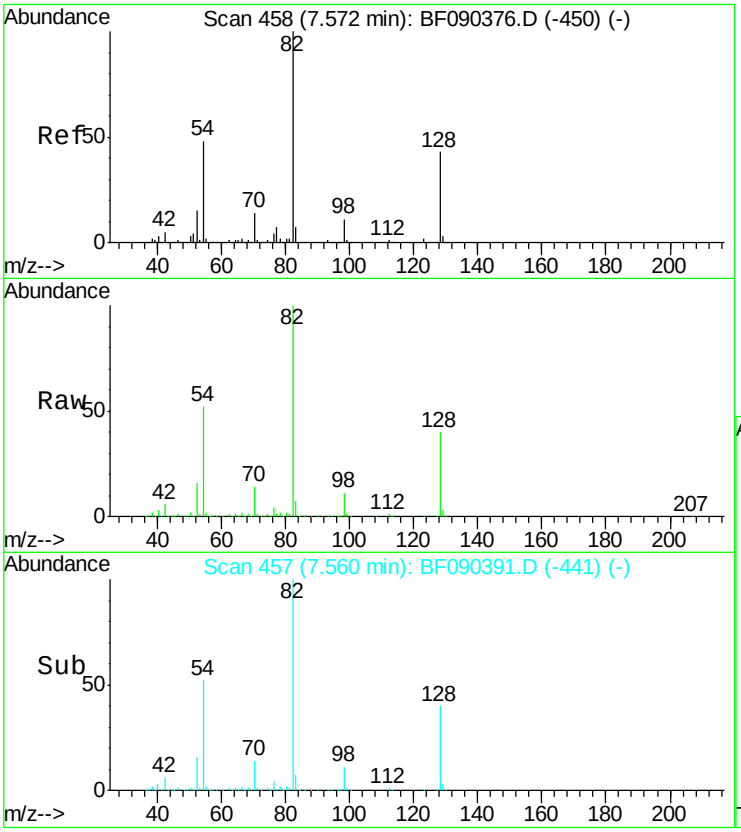


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.29 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Tgt Ion:136 Resp: 1019229

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.0	6.6	10.0
68	7.7	5.0	7.6#



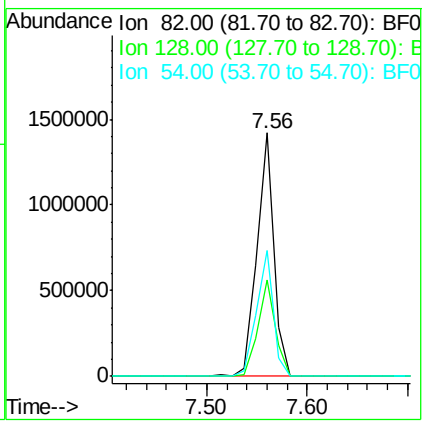


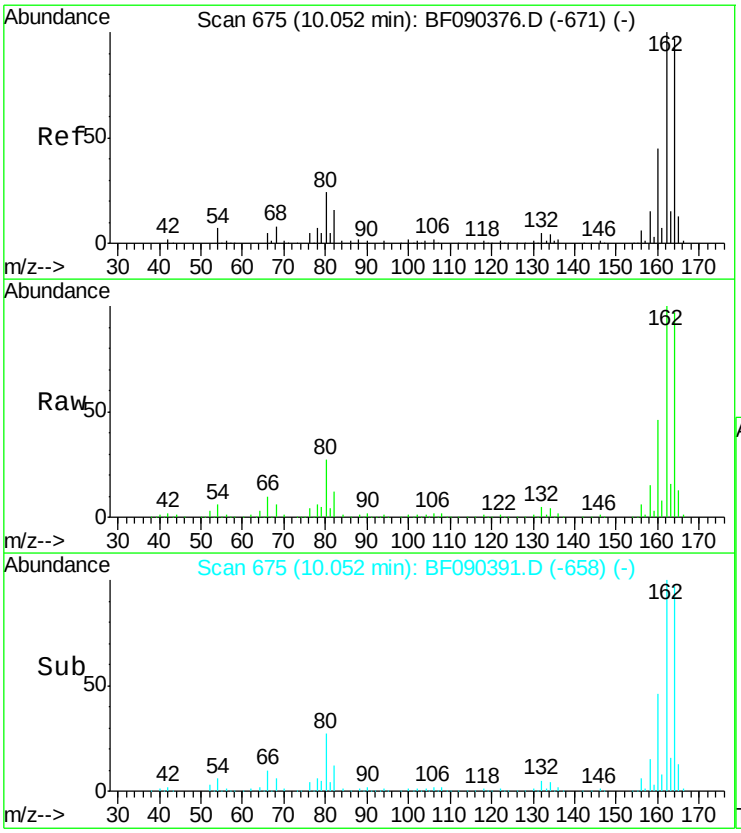
#23
Nitrobenzene-d5
Concen: 78.76 ng
RT: 7.56 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion: 82 Resp: 1650226

Ion	Ratio	Lower	Upper
82	100		
128	39.6	40.0	60.0#
54	51.9	42.6	64.0

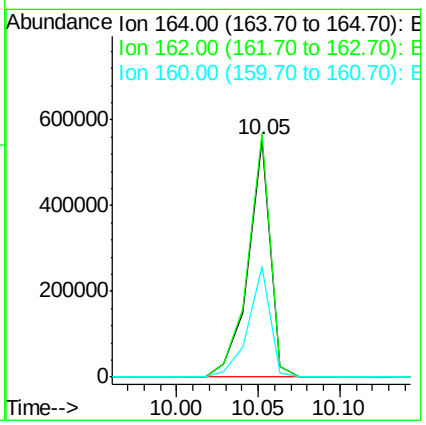


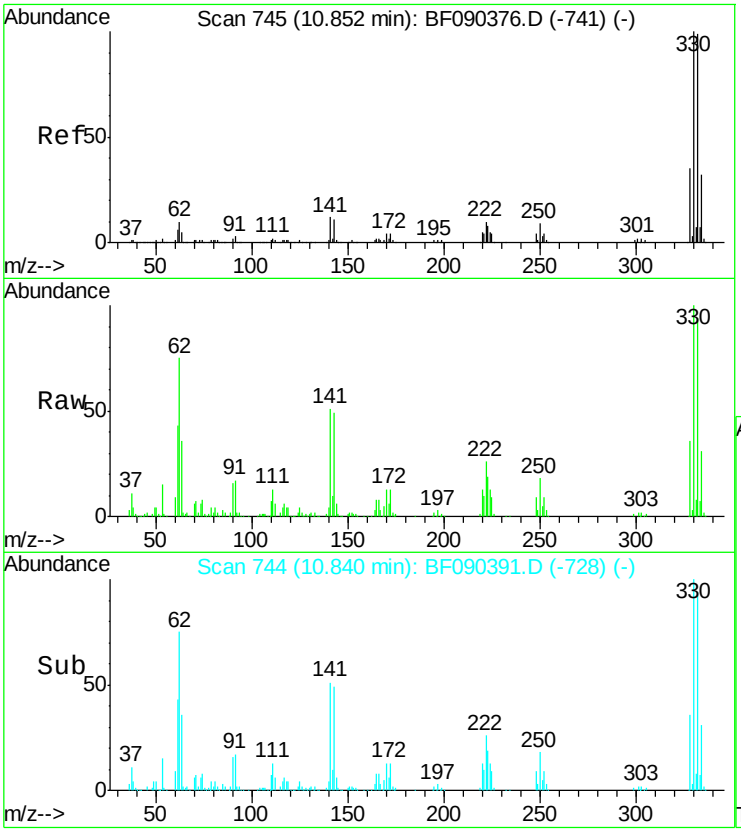


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Tgt Ion:164 Resp: 520080

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.1	120.1
160	46.7	36.3	54.5



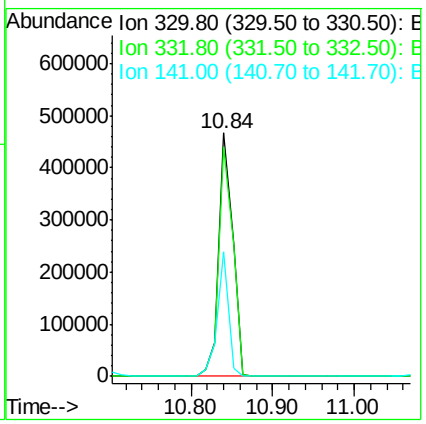


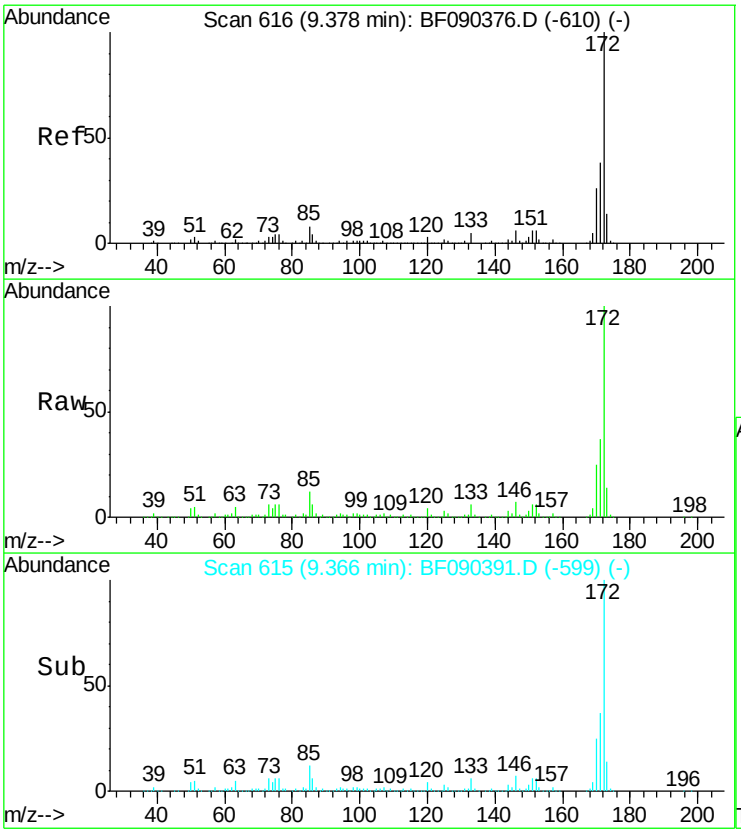
#41
2,4,6-Tribromophenol
Concen: 131.28 ng
RT: 10.84 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:330 Resp: 555172

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.0
141	41.4	26.9	40.3#

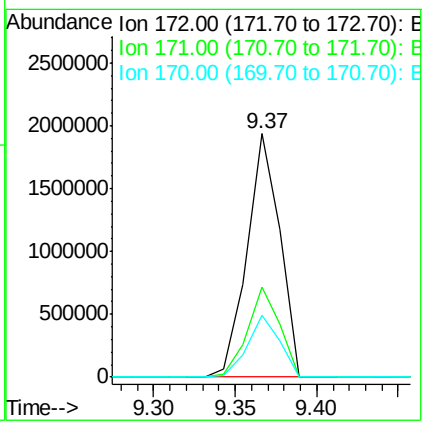


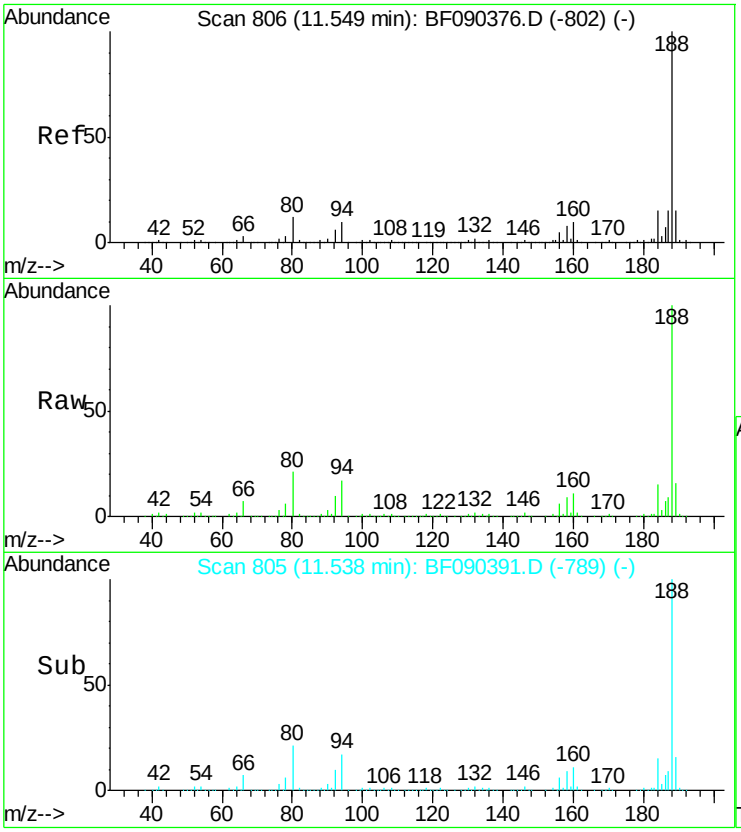


#44
2-Fluorobiphenyl
Concen: 86.21 ng
RT: 9.37 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Tgt Ion:172 Resp: 2690913

Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.8	47.8
170	25.3	21.7	32.5



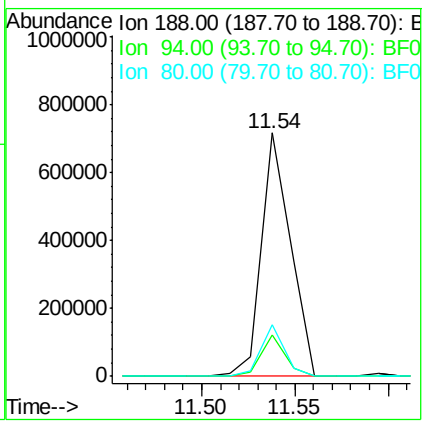


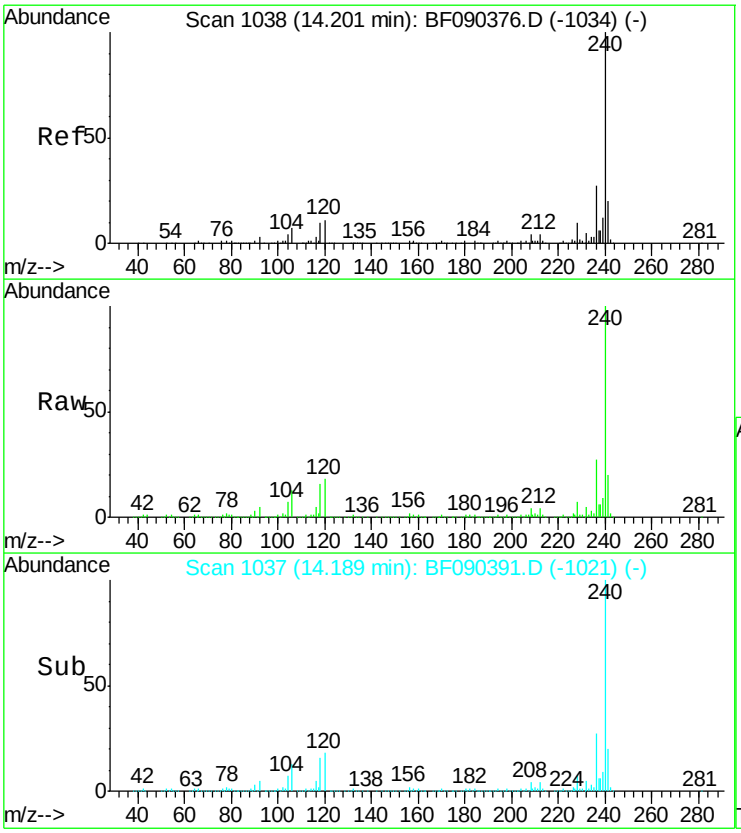
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:188 Resp: 770253

Ion	Ratio	Lower	Upper
188	100		
94	17.2	8.2	12.2#
80	21.4	8.8	13.2#

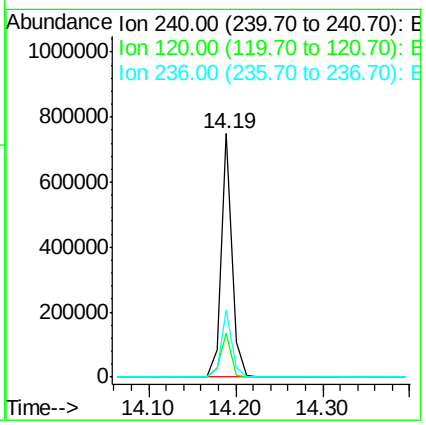


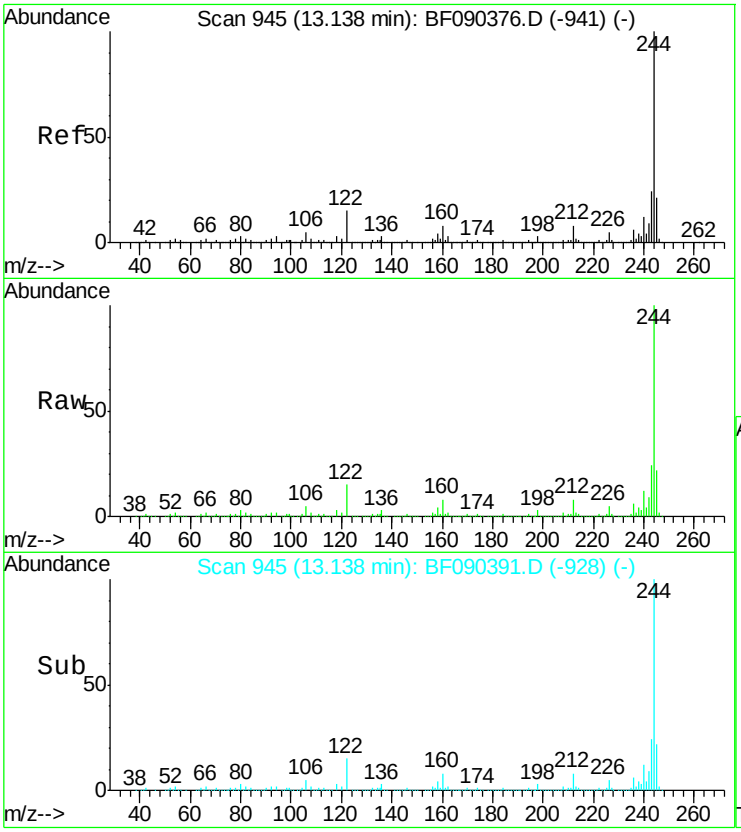


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Tgt Ion:240 Resp: 654172

Ion	Ratio	Lower	Upper
240	100		
120	18.2	8.6	13.0#
236	27.3	21.6	32.4



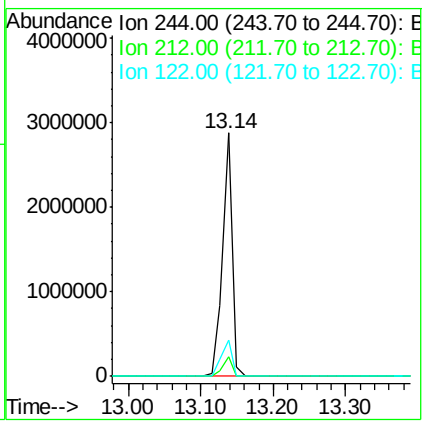


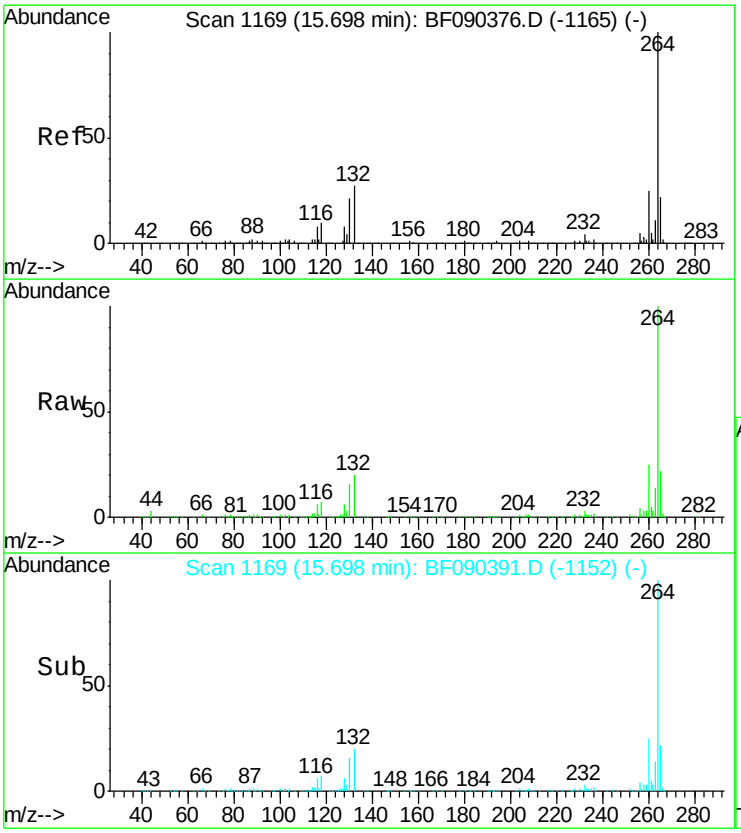
#78
Terphenyl-d14
Concen: 91.30 ng
RT: 13.14 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:244 Resp: 2656584

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.8	10.2
122	15.0	13.3	19.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Tgt Ion:264 Resp: 476803

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	21.8	17.4	26.0