Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
Data File : BF093744.D
Acq On : 18 Mar 2017 10:49
Operator : SJ/MA
Sample : I2263-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101I

Quant Time: Mar 20 01:27:43 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:21:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	193000	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	720219	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	339981	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	647492	20.00	ng	0.00
75) Chrysene-d12	13.99	240	552327	20.00	ng	-0.01
86) Perylene-d12	15.40	264	441645	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	708374	61.19	ng	0.00
7) Phenol-d6	6.47	99	648660	45.21	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1150679	95.89	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	366996	164.94	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1998827	110.94	ng	0.00
78) Terphenyl-d14	12.95	244	1620486	63.15	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.47	88	25725	4.30	ng	98

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

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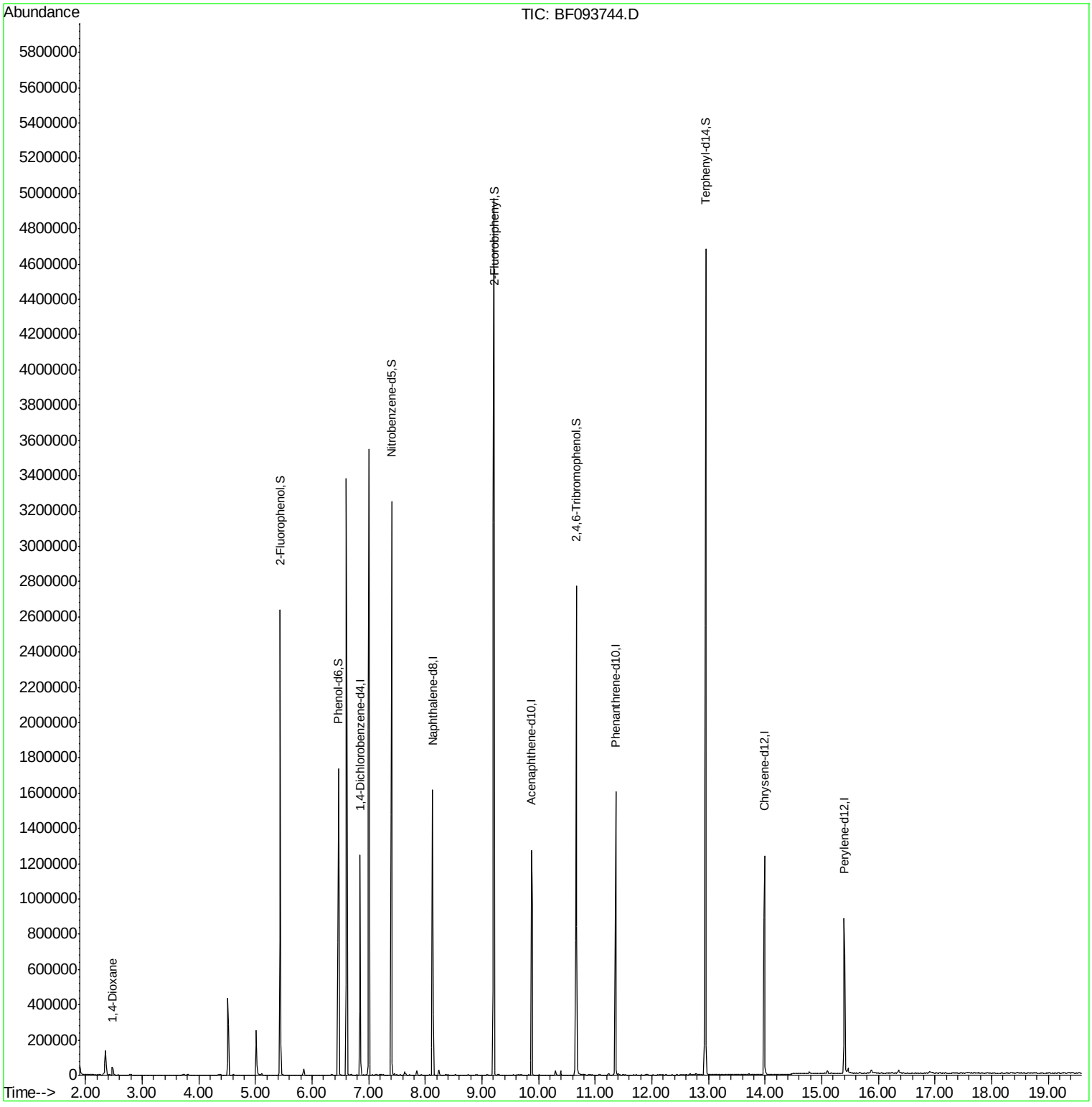
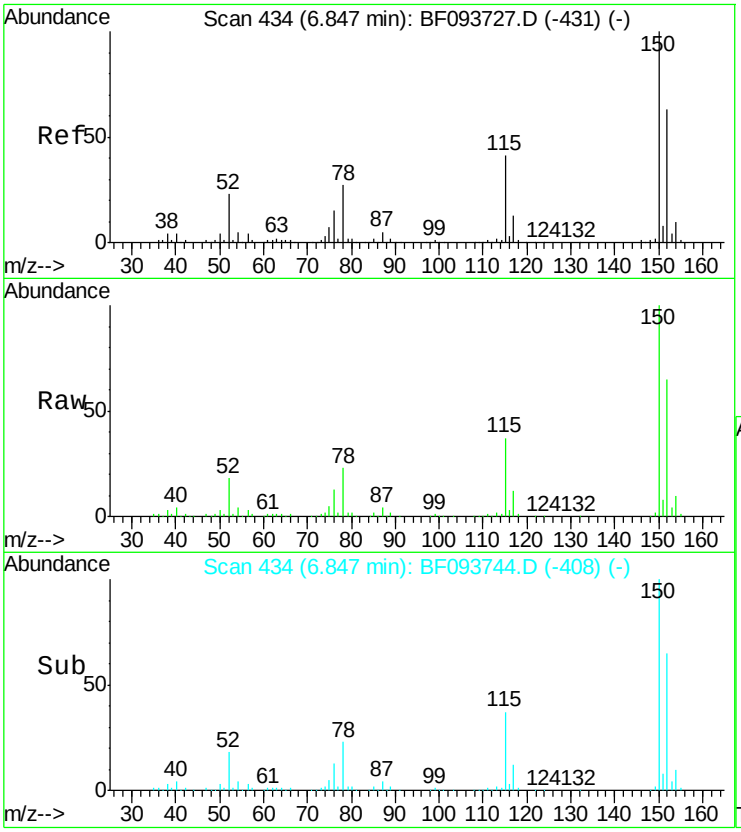


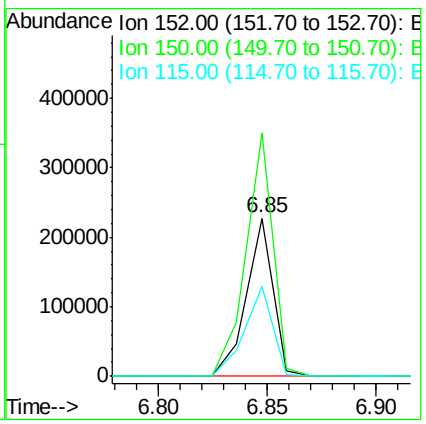


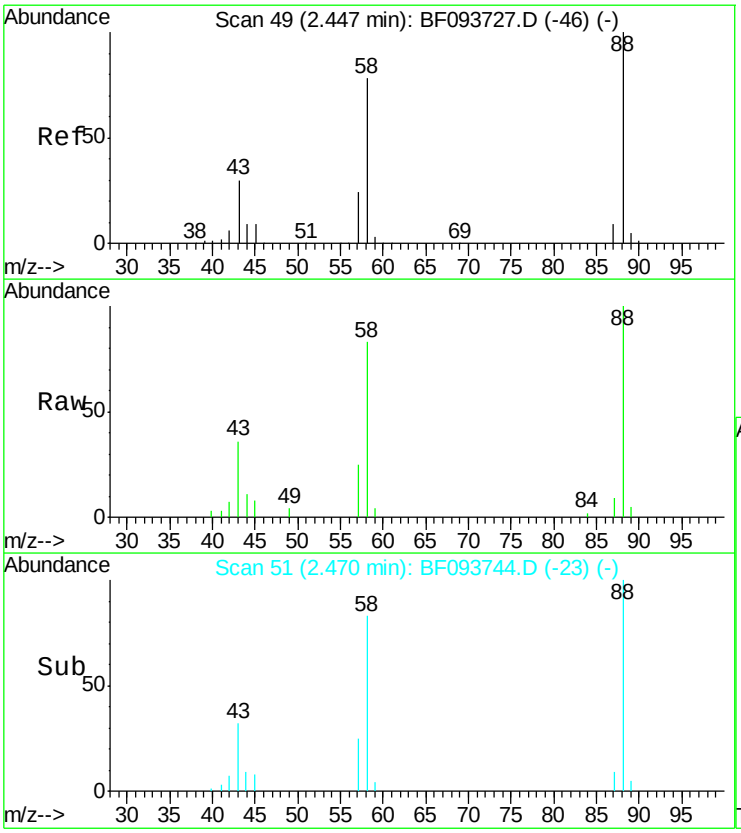
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF093744.D
Acq: 18 Mar 2017 10:49

Instrument :
BNA_F
ClientSampleId :
MW-101I

Tgt Ion:152 Resp: 193000

Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.2	189.2
115	57.1	52.2	78.2

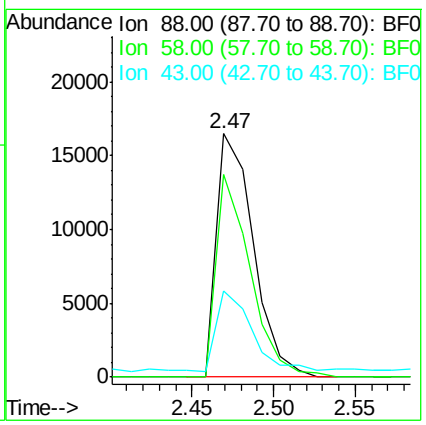


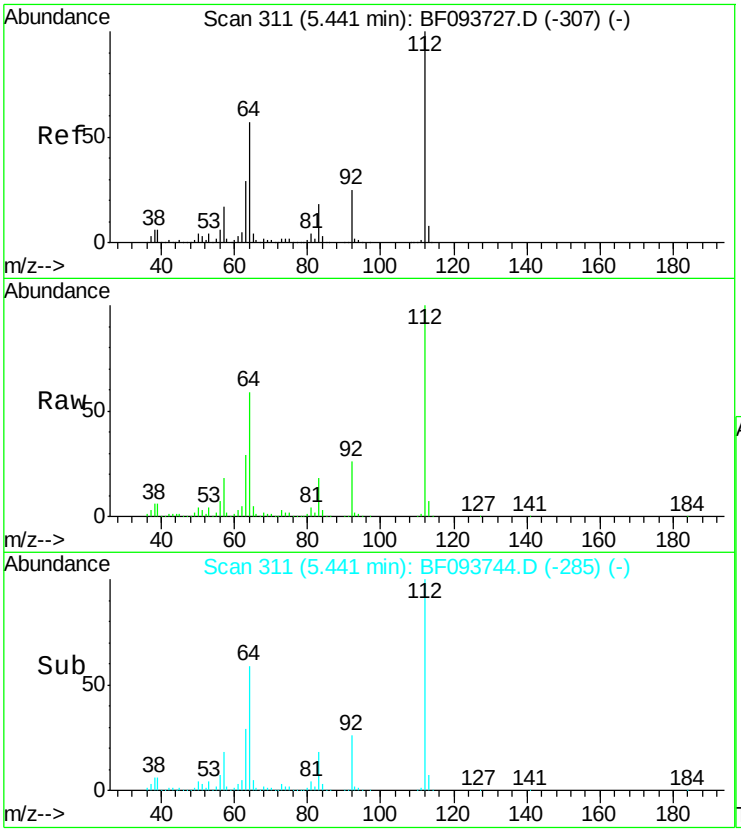


#2
1,4-Dioxane
Concen: 4.30 ng
RT: 2.47 min Scan# 51
Delta R.T. 0.02 min
Lab File: BF093744.D
Acq: 18 Mar 2017 10:49

Tgt Ion: 88 Resp: 25725

Ion	Ratio	Lower	Upper
88	100		
58	77.0	61.4	92.0
43	32.2	23.4	35.0



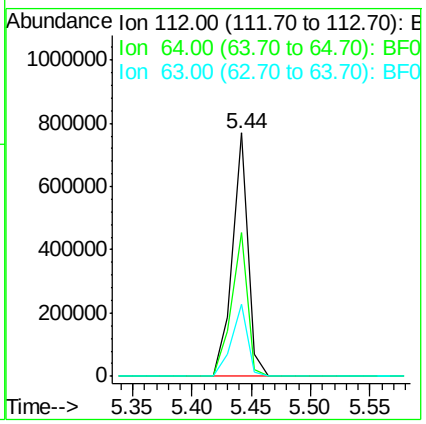


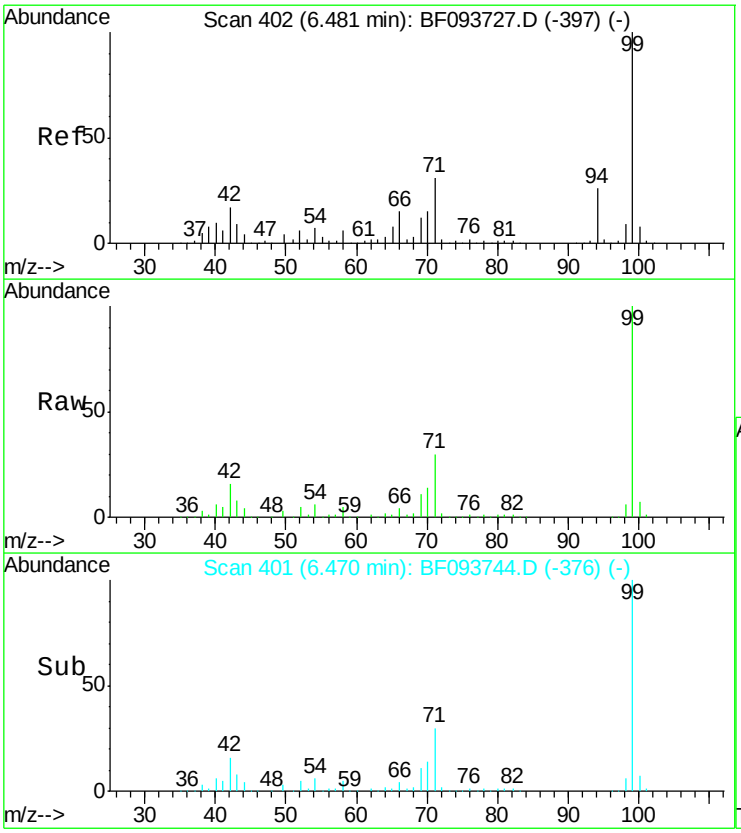
#5
2-Fluorophenol
Concen: 61.19 ng
RT: 5.44 min Scan# 311
Delta R.T. -0.00 min
Lab File: BF093744.D
Acq: 18 Mar 2017 10:49

Instrument :
BNA_F
ClientSampleId :
MW-101I

Tgt Ion:112 Resp: 708374

Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.0	69.0
63	29.4	23.4	35.0

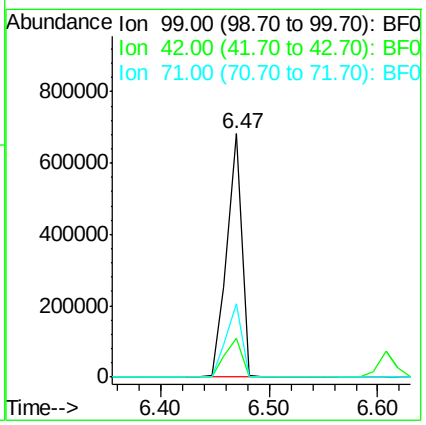


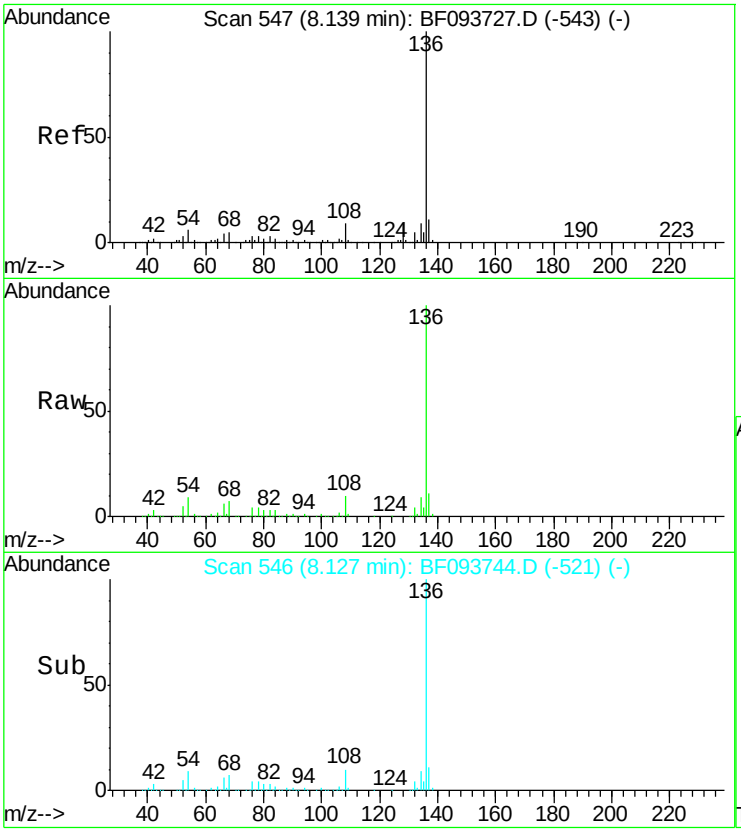


#7
Phenol-d6
Concen: 45.21 ng
RT: 6.47 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF093744.D
Acq: 18 Mar 2017 10:49

Tgt Ion: 99 Resp: 648660

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	30.2	24.5	36.7



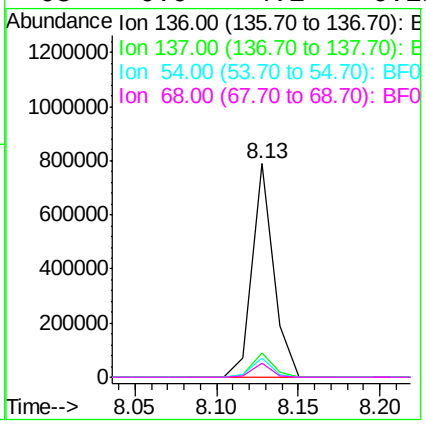


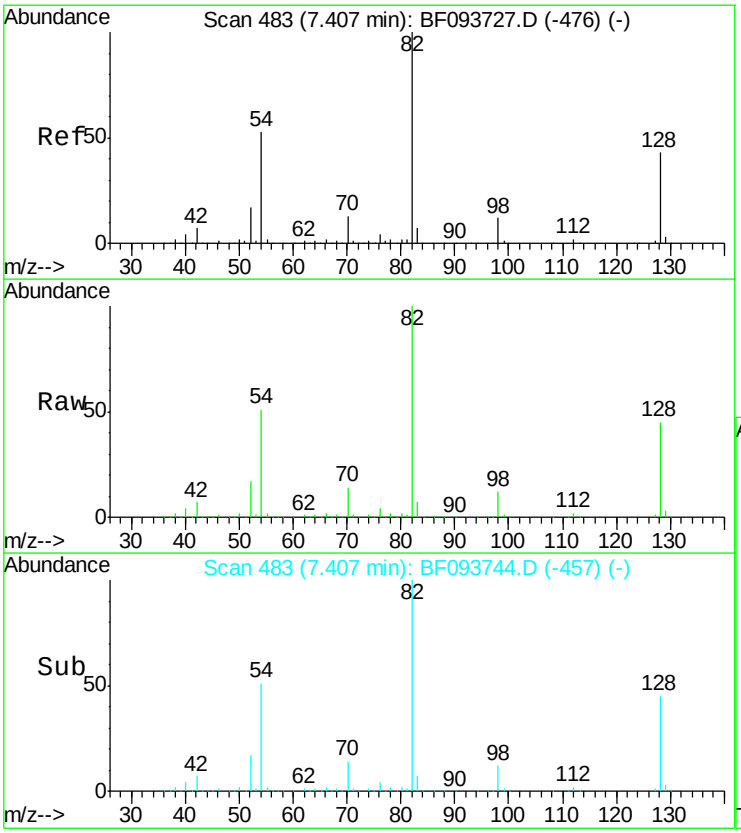
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093744.D
Acq: 18 Mar 2017 10:49

Instrument :
BNA_F
ClientSampleId :
MW-101I

Tgt Ion:136 Resp: 720219

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	9.0	4.9	7.3#
68	6.9	4.1	6.1#

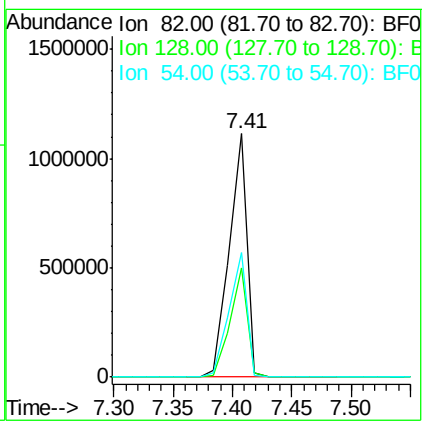


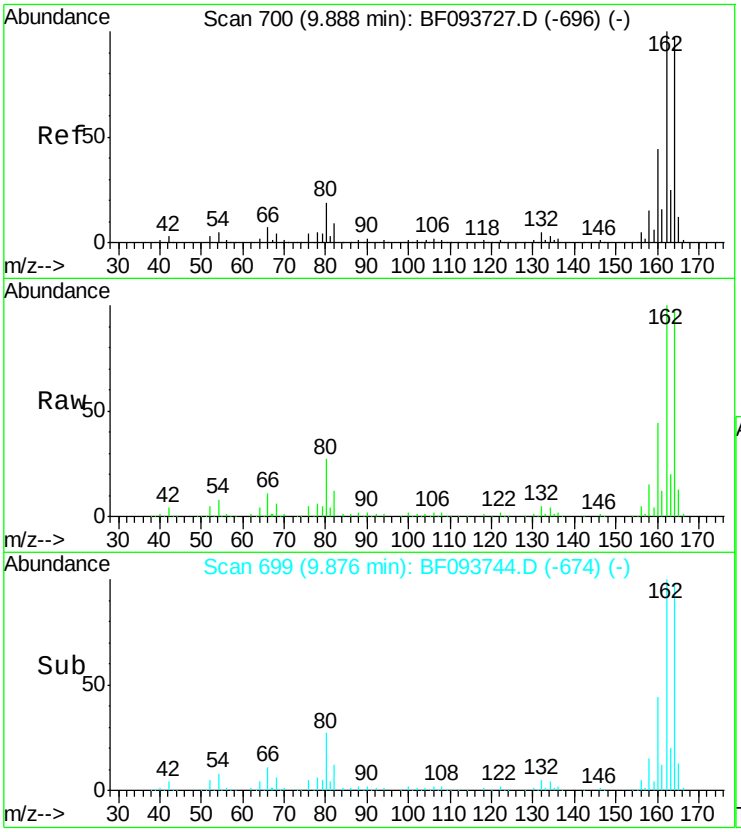


#23
Nitrobenzene-d5
Concen: 95.89 ng
RT: 7.41 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF093744.D
Acq: 18 Mar 2017 10:49

Tgt Ion: 82 Resp: 1150679

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.0	51.0
54	51.2	42.2	63.2



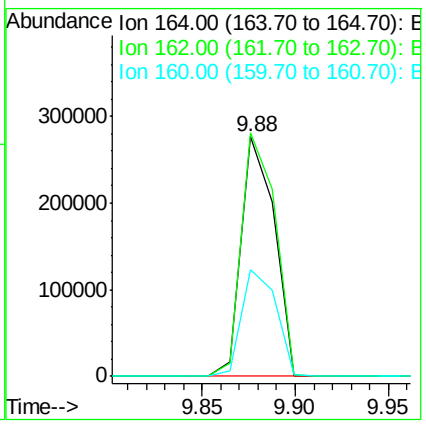


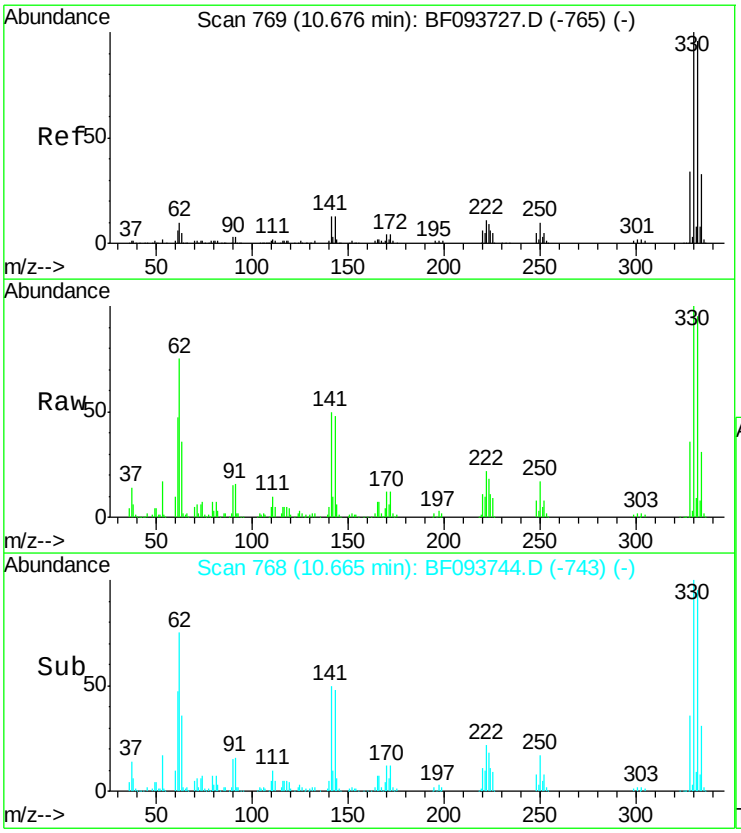
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093744.D
Acq: 18 Mar 2017 10:49

Instrument :
BNA_F
ClientSampleId :
MW-101I

Tgt Ion:164 Resp: 339981

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	44.4	36.2	54.2

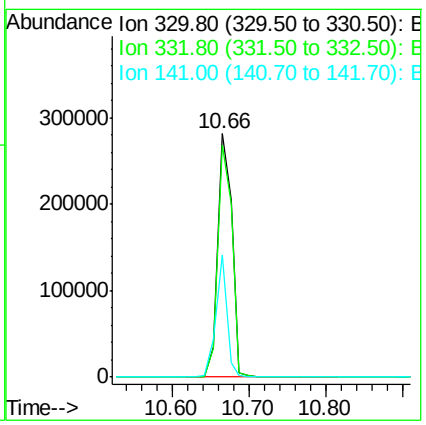


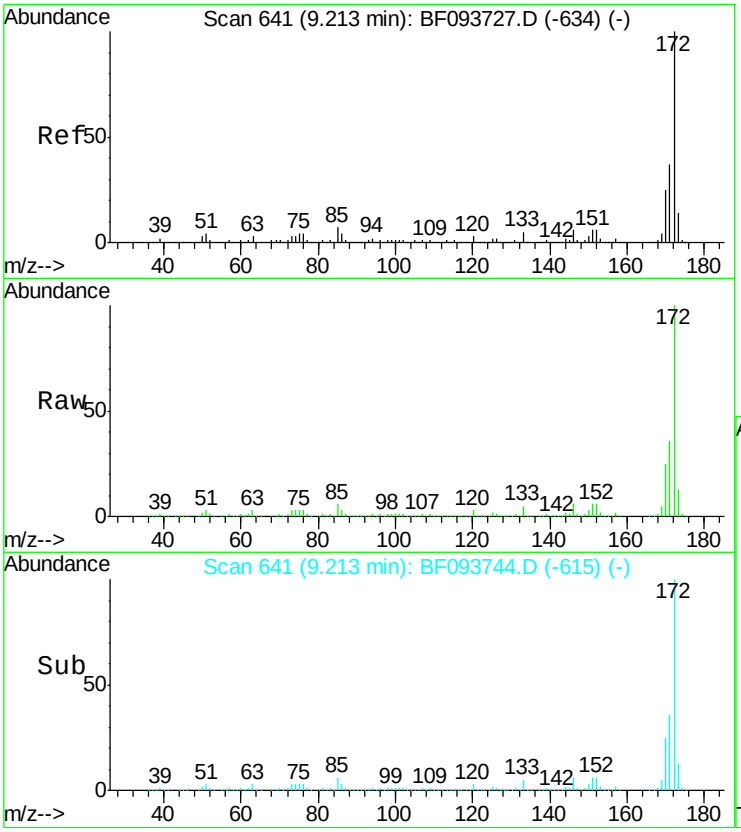


#41
2,4,6-Tribromophenol
Concen: 164.94 ng
RT: 10.66 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF093744.D
Acq: 18 Mar 2017 10:49

Tgt Ion:330 Resp: 366996

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	38.9	31.4	47.2



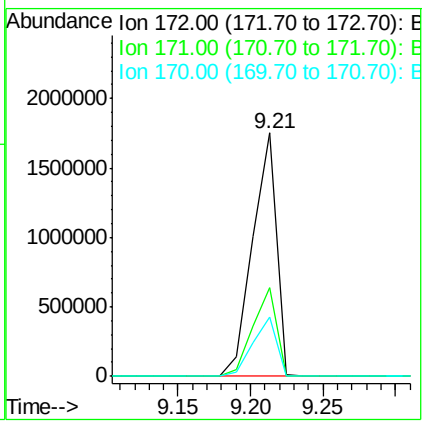


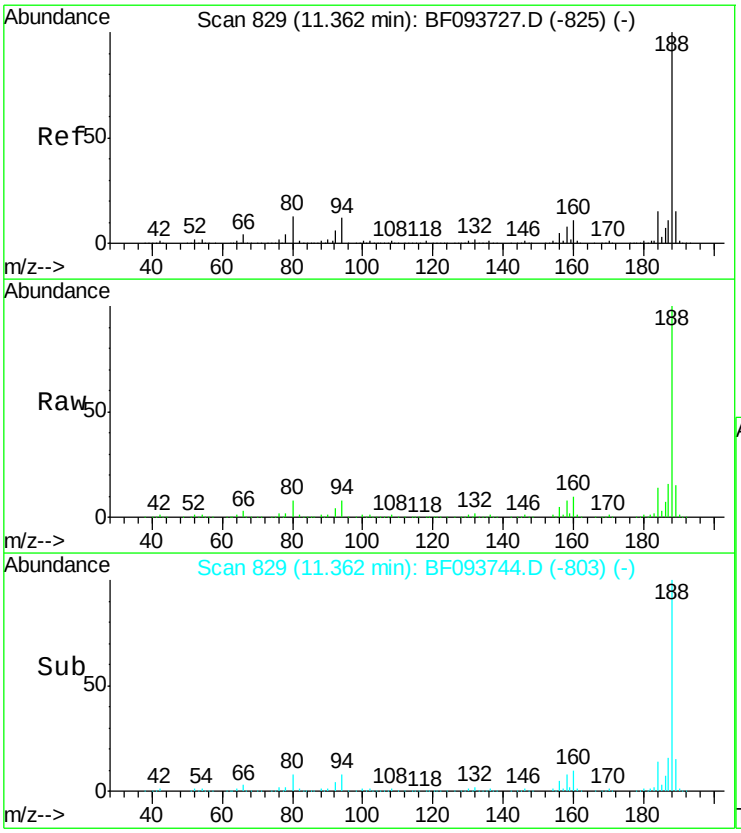
#44
2-Fluorobiphenyl
Concen: 110.94 ng
RT: 9.21 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF093744.D
Acq: 18 Mar 2017 10:49

Instrument :
BNA_F
ClientSampleId :
MW-101I

Tgt Ion:172 Resp: 1998827

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.6	19.8	29.8

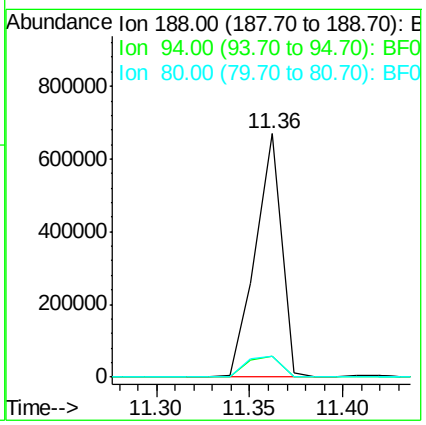


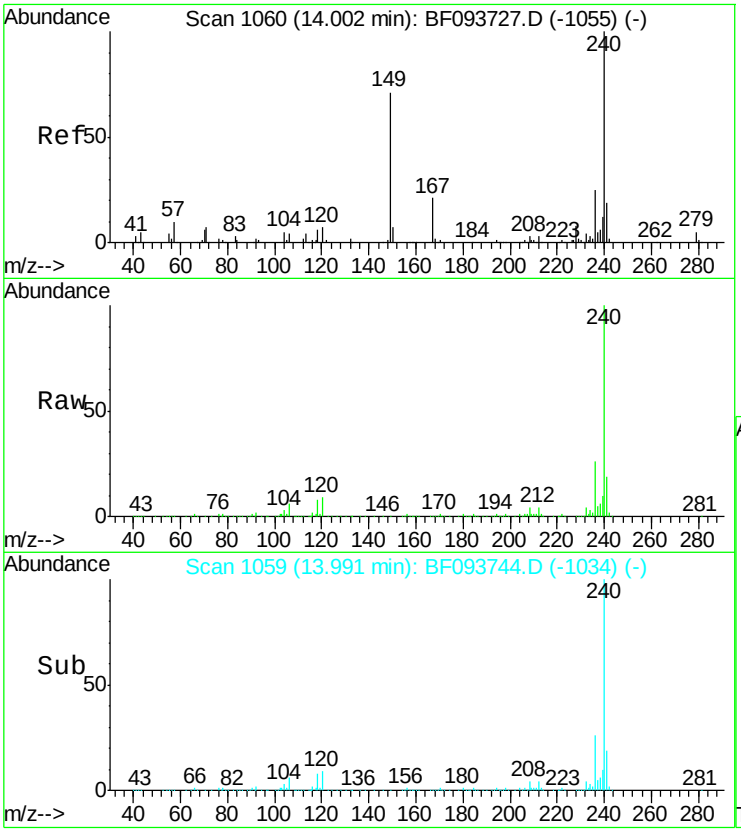


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF093744.D
Acq: 18 Mar 2017 10:49

Tgt Ion:188 Resp: 647492

Ion	Ratio	Lower	Upper
188	100		
94	8.4	9.4	14.2#
80	8.3	10.2	15.2#



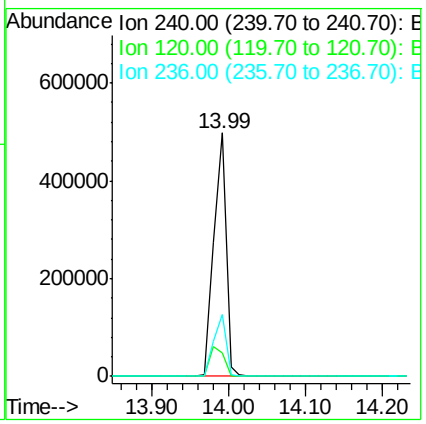


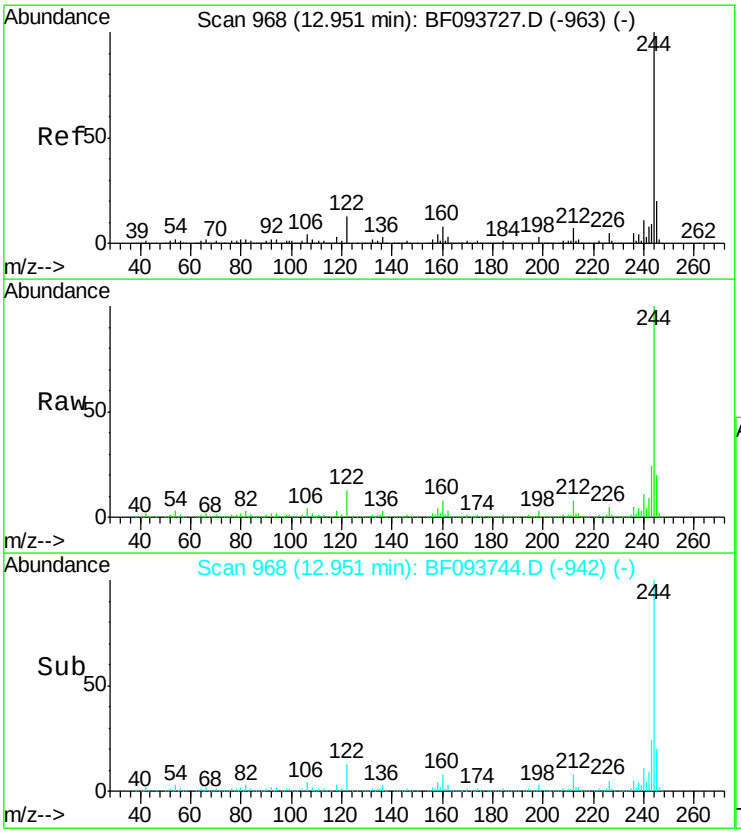
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF093744.D
Acq: 18 Mar 2017 10:49

Instrument :
BNA_F
ClientSampleId :
MW-101I

Tgt Ion:240 Resp: 552327

Ion	Ratio	Lower	Upper
240	100		
120	9.5	5.8	8.8#
236	25.6	20.5	30.7

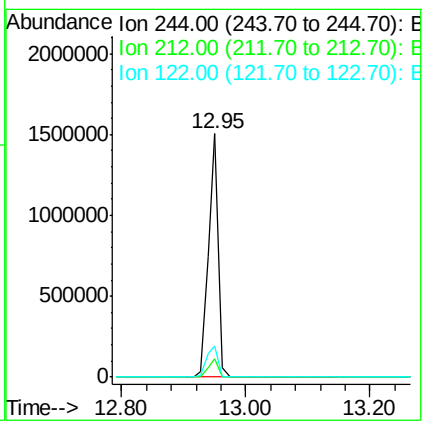


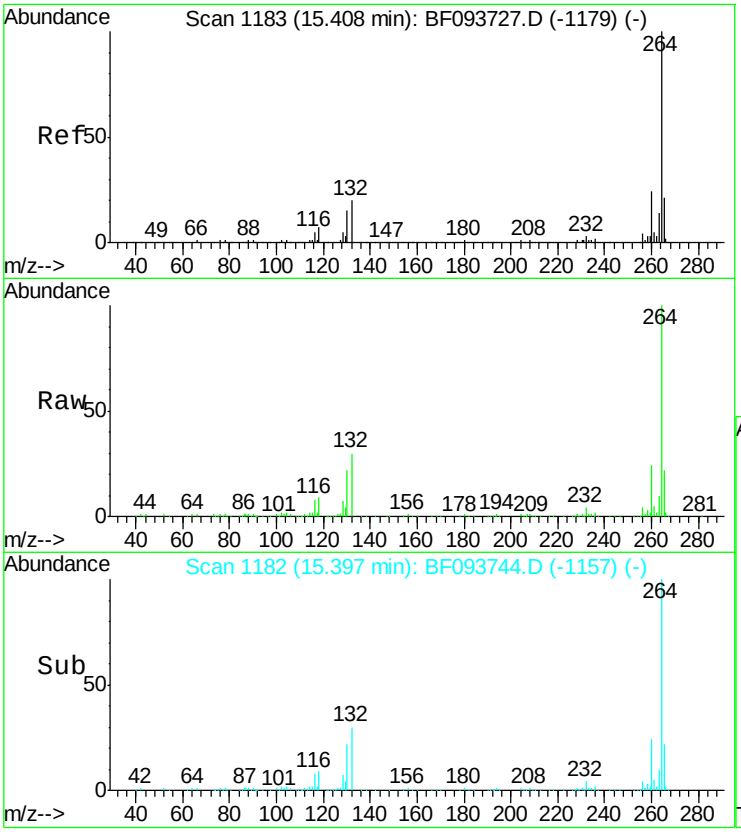


#78
Terphenyl-d14
Concen: 63.15 ng
RT: 12.95 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF093744.D
Acq: 18 Mar 2017 10:49

Tgt Ion:244 Resp: 1620486

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	12.9	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF093744.D
Acq: 18 Mar 2017 10:49

Instrument :
BNA_F
ClientSampleId :
MW-101I

Tgt Ion:264 Resp: 441645

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.1	17.2	25.8