Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091957.D
Acq On : 24 Dec 2016 7:49
Operator : UM/SJ
Sample : H6156-08DL 500X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11CDL

Quant Time: Dec 24 23:44:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 23:39:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	214572	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	865987	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	432584	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	595253	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	427357	20.00	ng	-0.01
86) Perylene-d12	15.29	264	400218	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1114	0.09	ng	0.03
7) Phenol-d6	6.44	99	946	0.06	ng	0.03
23) Nitrobenzene-d5	7.31	82	2613	0.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	684	0.19	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	6531	0.29	ng	-0.01
78) Terphenyl-d14	12.84	244	3948	0.22	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.05	128	1194268	30.13	ng	98

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

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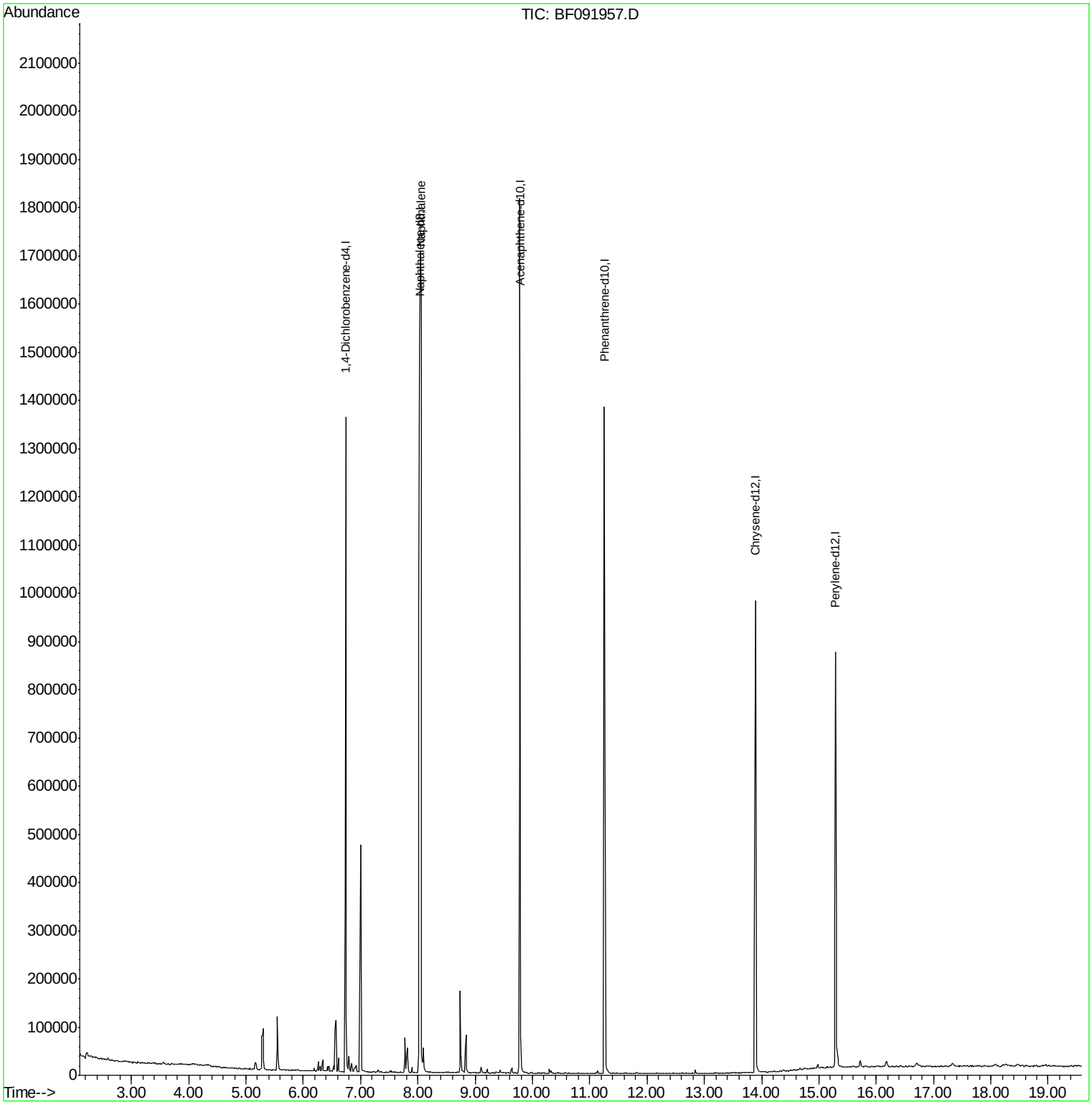
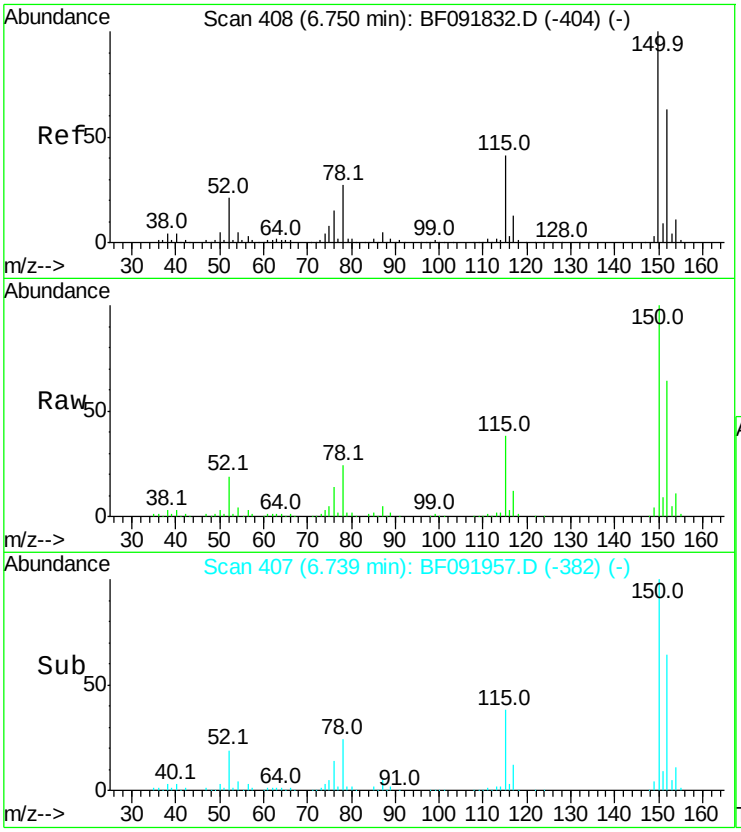


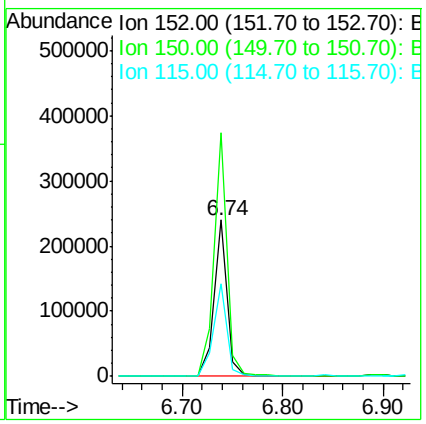


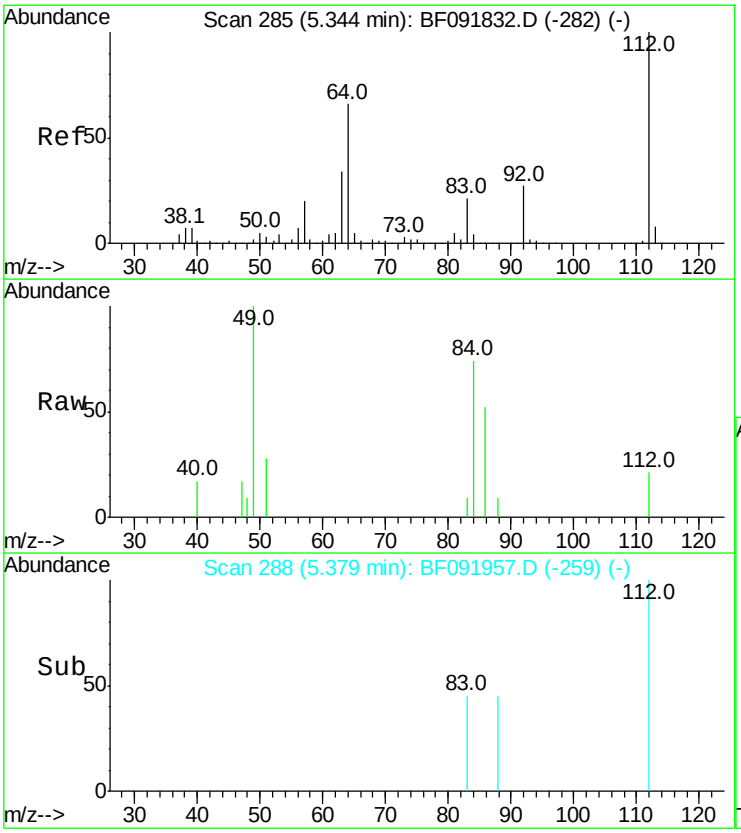
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF091957.D
Acq: 24 Dec 2016 7:49

Instrument :
BNA_F
ClientSampleId :
MW-11CDL

Tgt Ion:152 Resp: 214572

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.9	187.3
115	59.2	46.0	69.0

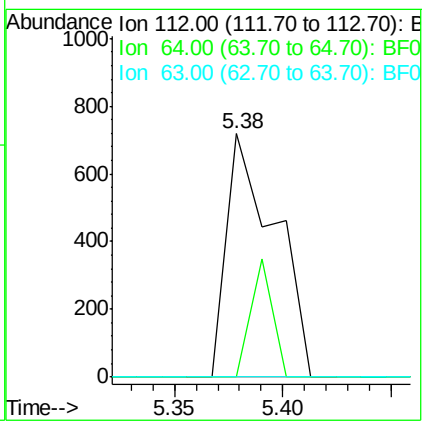


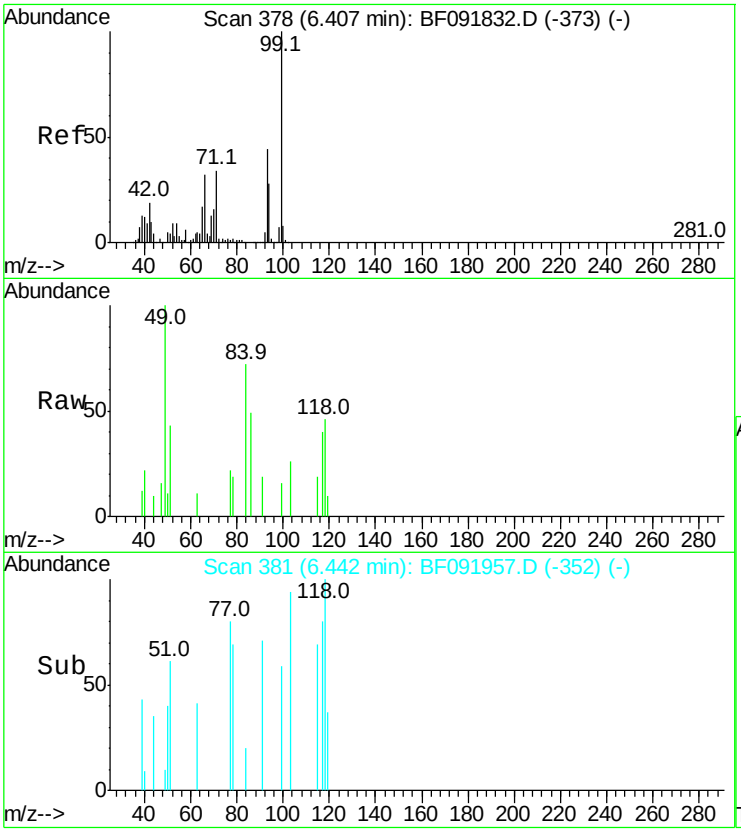


#5
2-Fluorophenol
Concen: 0.09 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.03 min
Lab File: BF091957.D
Acq: 24 Dec 2016 7:49

Tgt Ion:112 Resp: 1114

Ion	Ratio	Lower	Upper
112	100		
64	0.0	46.1	69.1#
63	0.0	23.8	35.6#



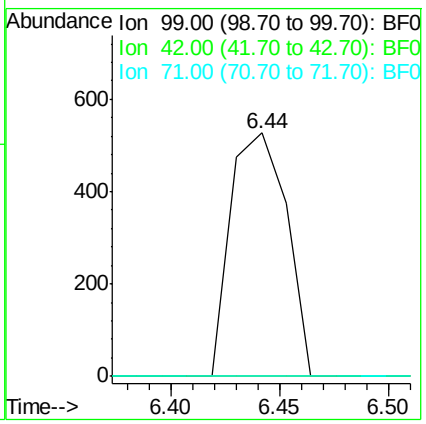


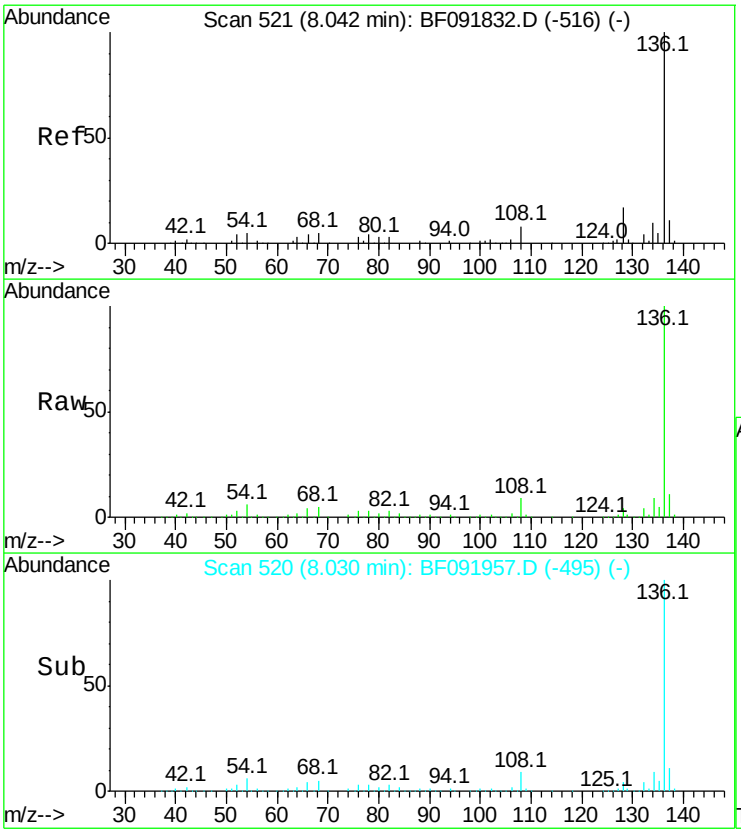
#7
Phenol-d6
Concen: 0.06 ng
RT: 6.44 min Scan# 381
Delta R.T. 0.03 min
Lab File: BF091957.D
Acq: 24 Dec 2016 7:49

Instrument :
BNA_F
ClientSampleId :
MW-11CDL

Tgt Ion: 99 Resp: 946

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.6	23.4#
71	0.0	27.5	41.3#

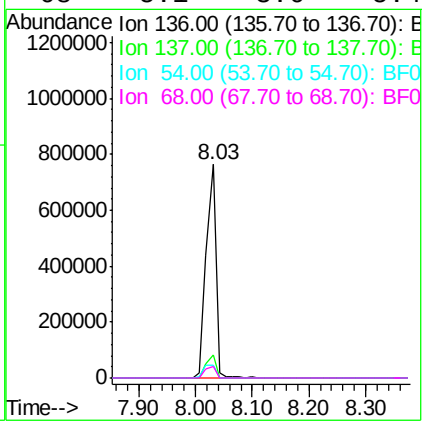


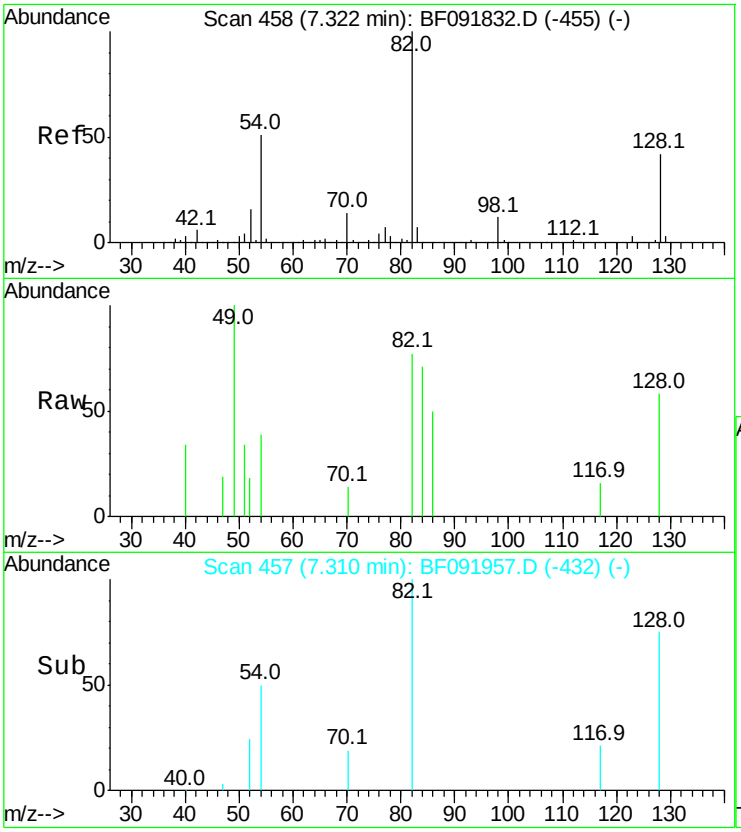


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091957.D
Acq: 24 Dec 2016 7:49

Tgt Ion:136 Resp: 865987

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	5.9	4.5	6.7
68	5.1	3.6	5.4



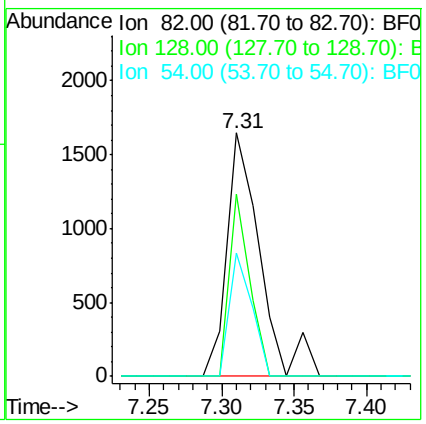


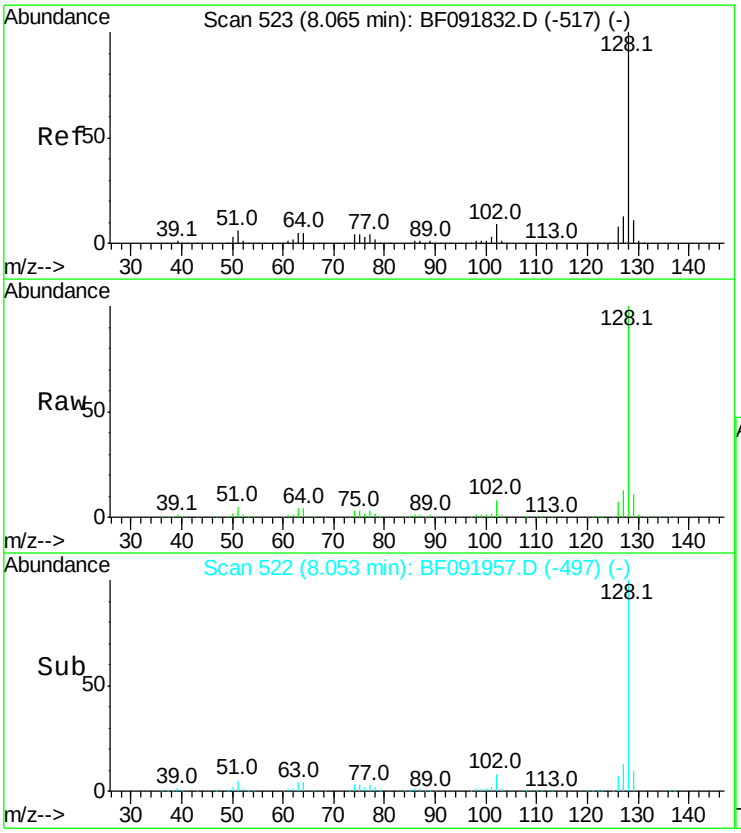
#23
Nitrobenzene-d5
Concen: 0.17 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091957.D
Acq: 24 Dec 2016 7:49

Instrument :
BNA_F
ClientSampleId :
MW-11CDL

Tgt Ion: 82 Resp: 2613

Ion	Ratio	Lower	Upper
82	100		
128	74.8	34.6	52.0#
54	50.4	39.5	59.3

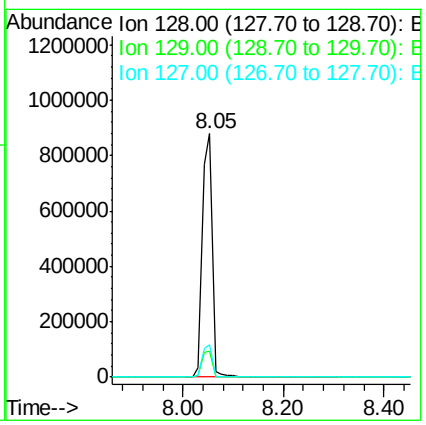


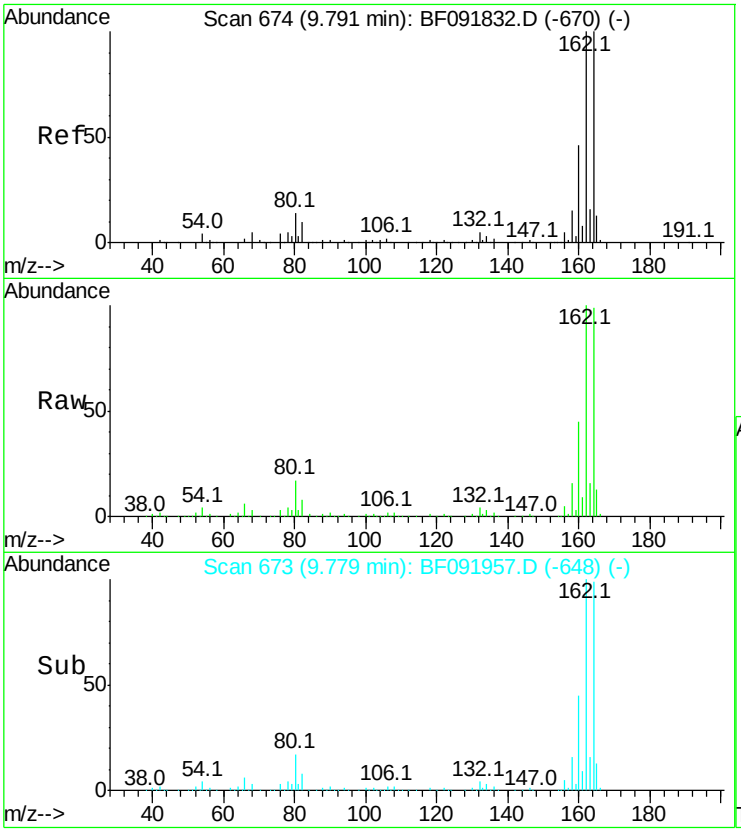


#31
Naphthalene
Concen: 30.13 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091957.D
Acq: 24 Dec 2016 7:49

Tgt Ion:128 Resp: 1194268

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.5	14.3
127	13.1	10.8	16.2



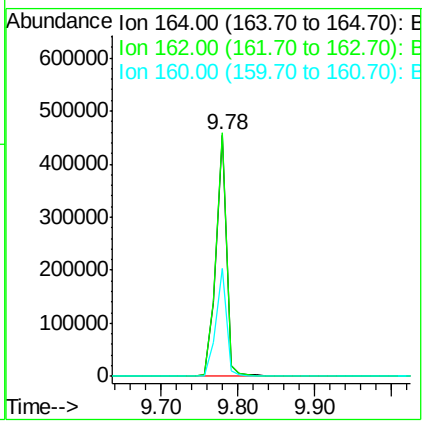


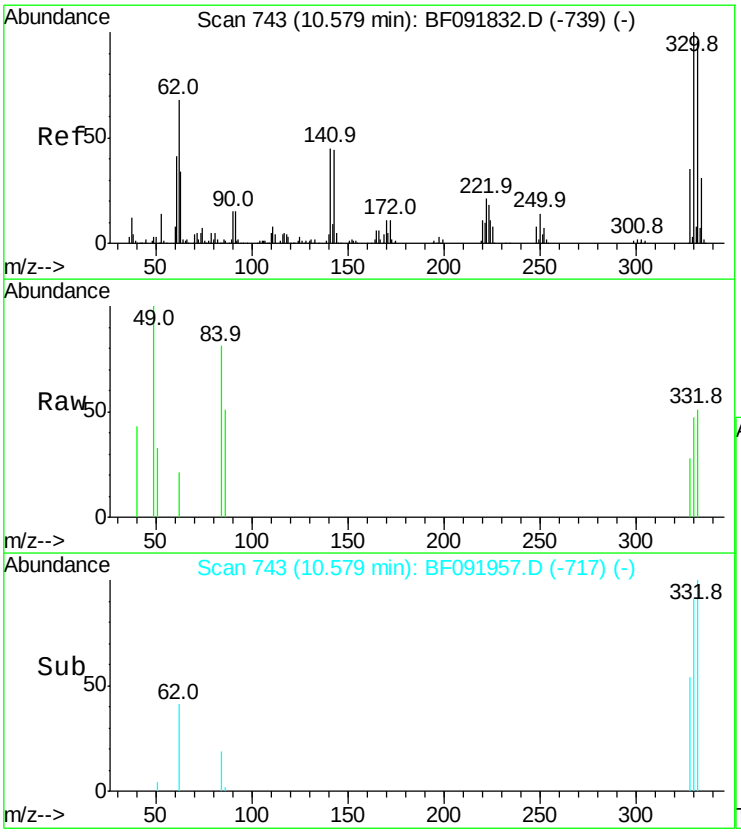
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091957.D
Acq: 24 Dec 2016 7:49

Instrument :
BNA_F
ClientSampleId :
MW-11CDL

Tgt Ion:164 Resp: 432584

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.2
160	44.9	36.9	55.3

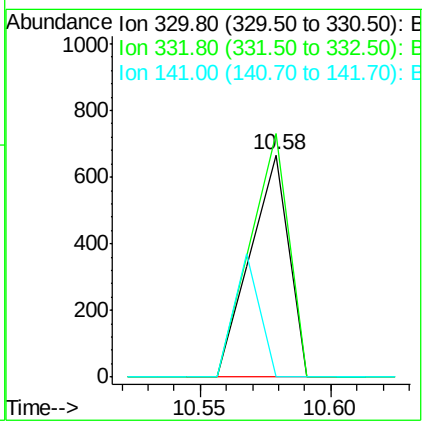


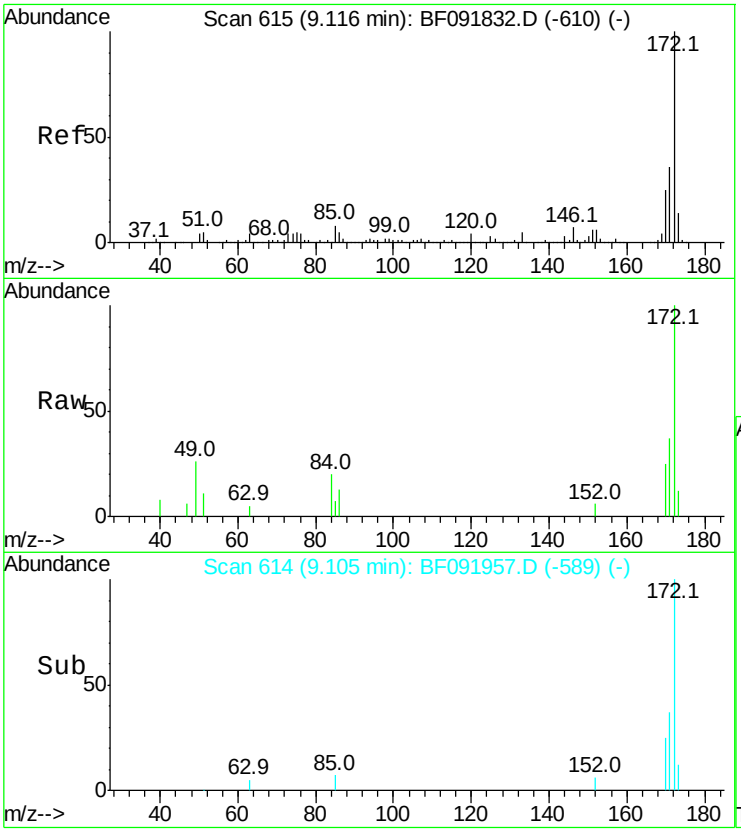


#41
2,4,6-Tribromophenol
Concen: 0.19 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF091957.D
Acq: 24 Dec 2016 7:49

Tgt Ion:330 Resp: 684

Ion	Ratio	Lower	Upper
330	100		
332	109.6	77.4	116.2
141	37.1	34.1	51.1



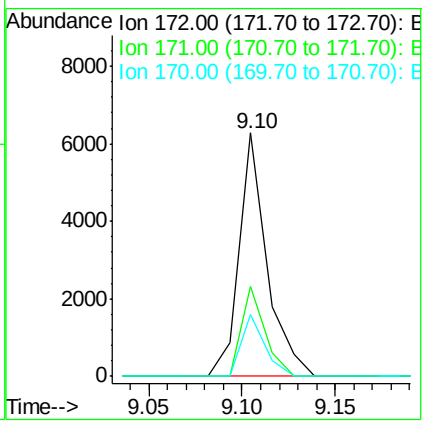


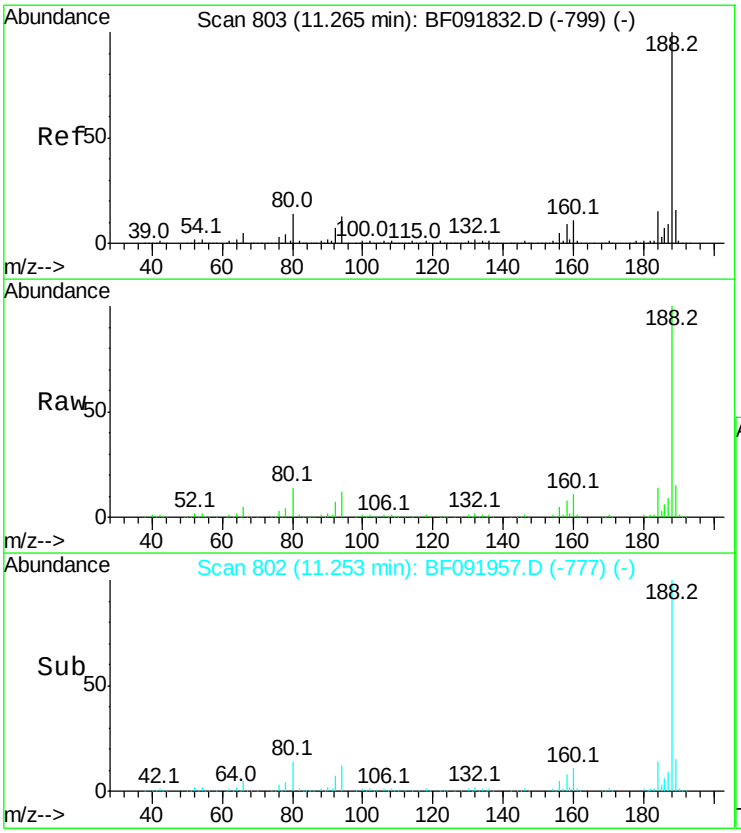
#44
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF091957.D
Acq: 24 Dec 2016 7:49

Instrument :
BNA_F
ClientSampleId :
MW-11CDL

Tgt Ion:172 Resp: 6531

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	25.5	20.2	30.4

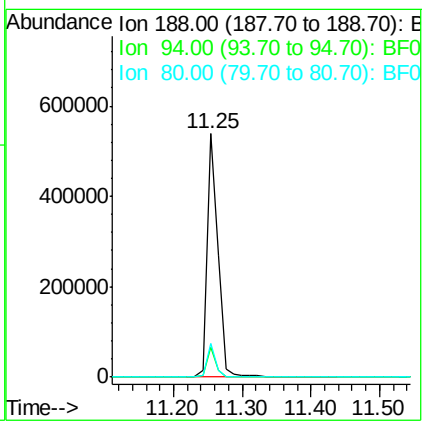


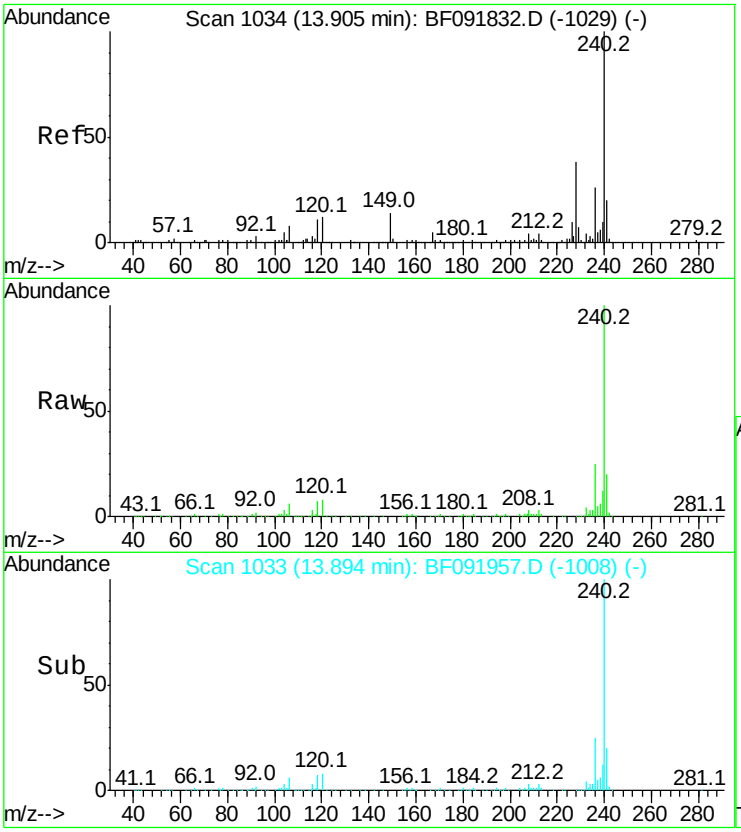


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091957.D
Acq: 24 Dec 2016 7:49

Tgt Ion:188 Resp: 595253

Ion	Ratio	Lower	Upper
188	100		
94	12.1	10.0	15.0
80	13.8	11.2	16.8



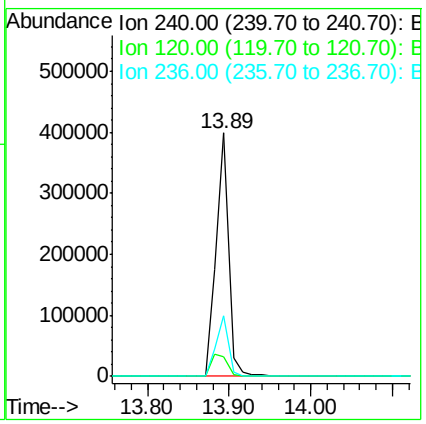


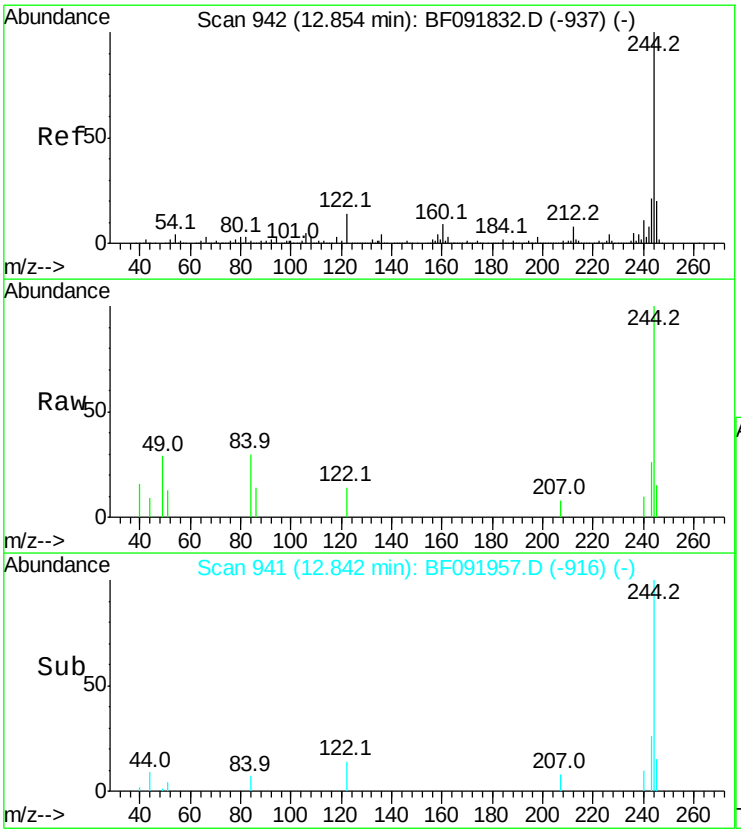
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF091957.D
Acq: 24 Dec 2016 7:49

Instrument :
BNA_F
ClientSampleId :
MW-11CDL

Tgt Ion:240 Resp: 427357

Ion	Ratio	Lower	Upper
240	100		
120	8.3	12.9	19.3#
236	24.8	20.9	31.3

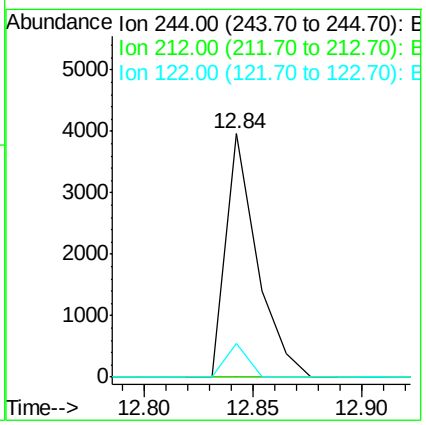


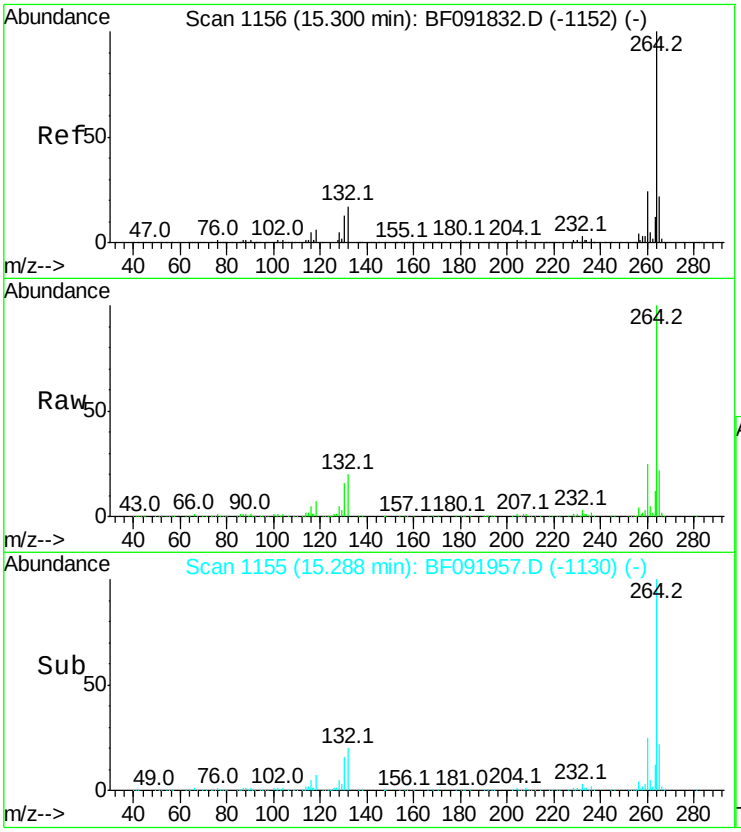


#78
Terphenyl-d14
Concen: 0.22 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF091957.D
Acq: 24 Dec 2016 7:49

Tgt Ion:244 Resp: 3948

Ion	Ratio	Lower	Upper
244	100		
212	0.0	6.2	9.2#
122	13.8	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091957.D
Acq: 24 Dec 2016 7:49

Instrument :
BNA_F
ClientSampleId :
MW-11CDL

Tgt Ion:264 Resp: 400218

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.1	17.4	26.0