Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087782.D
Acq On : 7 Jun 2016 8:40
Operator : UM/SJ
Sample : H3349-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-32

Quant Time: Jun 07 14:35:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	97909	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	398369	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	148162	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	250943	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	204551	20.00	ng	-0.02
86) Perylene-d12	15.43	264	151068	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	203706	33.63	ng	-0.01
7) Phenol-d6	6.48	99	204252	26.89	ng	-0.01
23) Nitrobenzene-d5	7.42	82	313833	45.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	100093	67.30	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	542105	49.51	ng	-0.02
78) Terphenyl-d14	12.95	244	414504	49.45	ng	-0.02
Target Compounds						Qvalue

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

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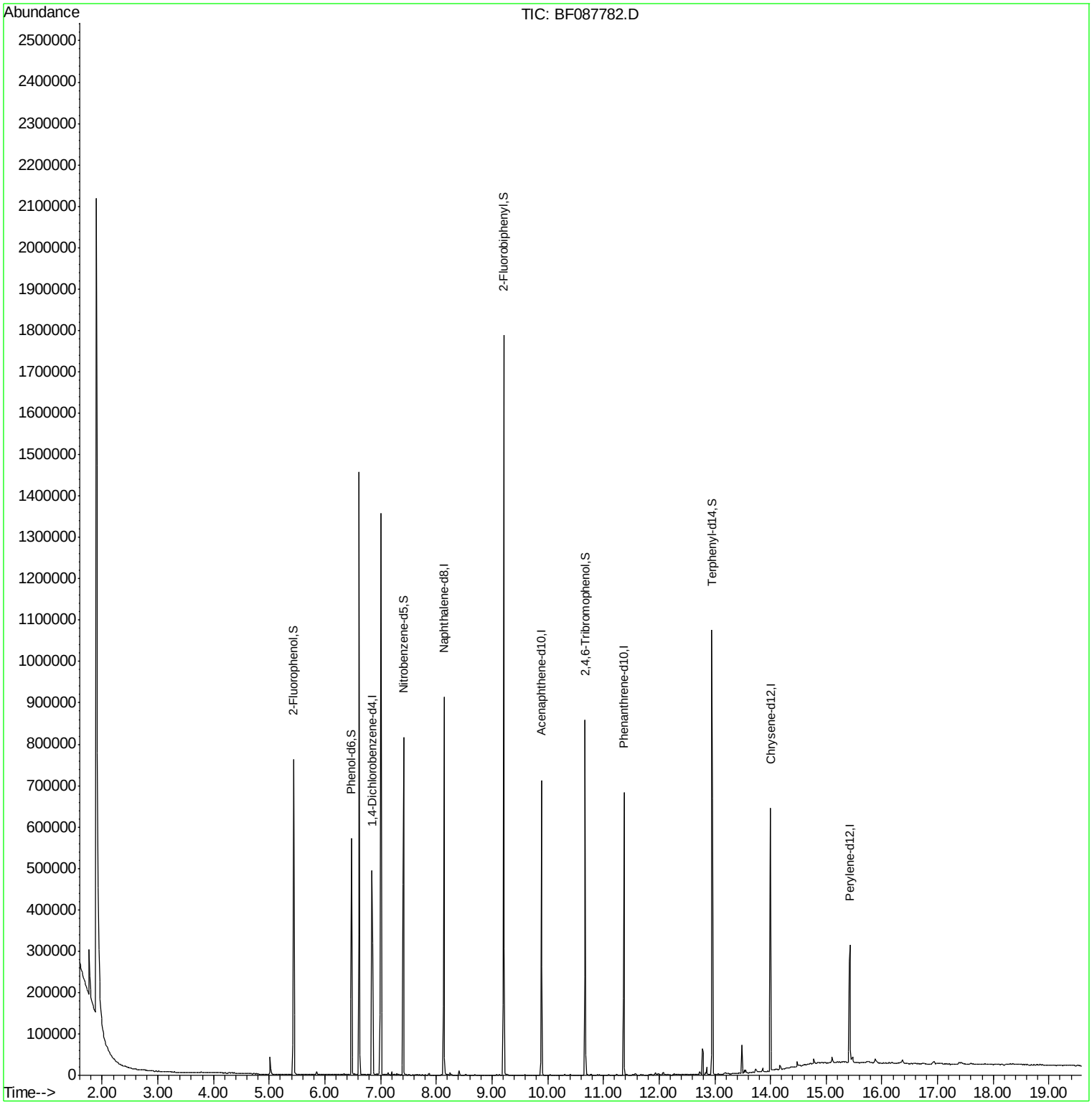
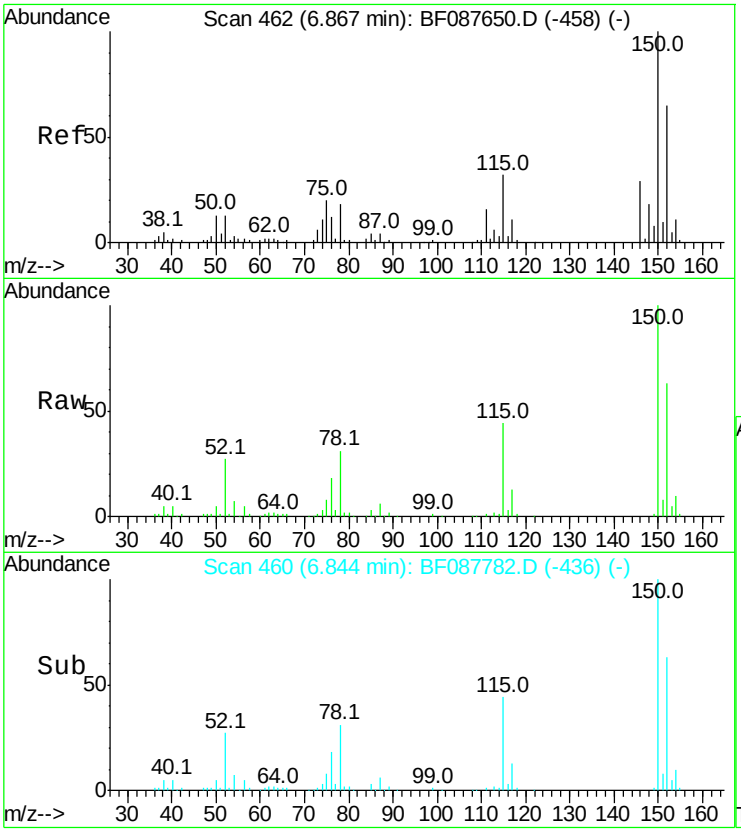


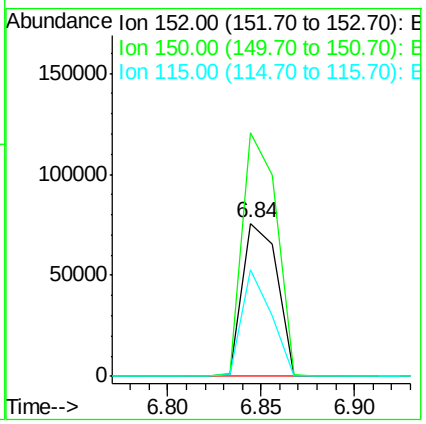


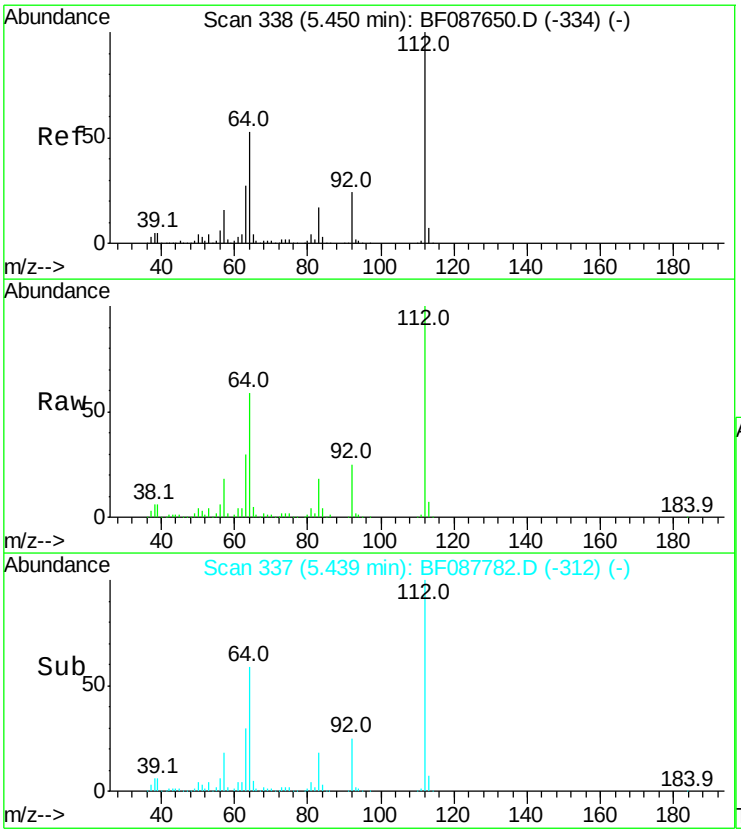
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF087782.D
Acq: 7 Jun 2016 8:40

Instrument :
BNA_F
ClientSampleId :
W-32

Tgt Ion:152 Resp: 97909

Ion	Ratio	Lower	Upper
152	100		
150	159.0	123.8	185.6
115	69.8	39.6	59.4#

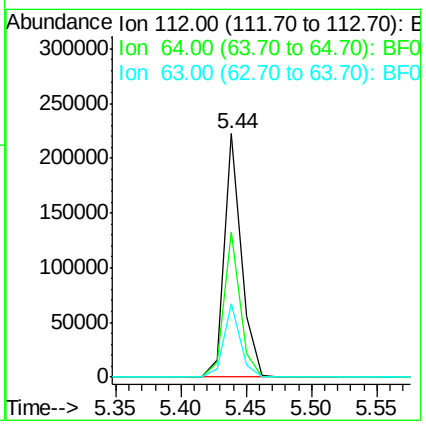


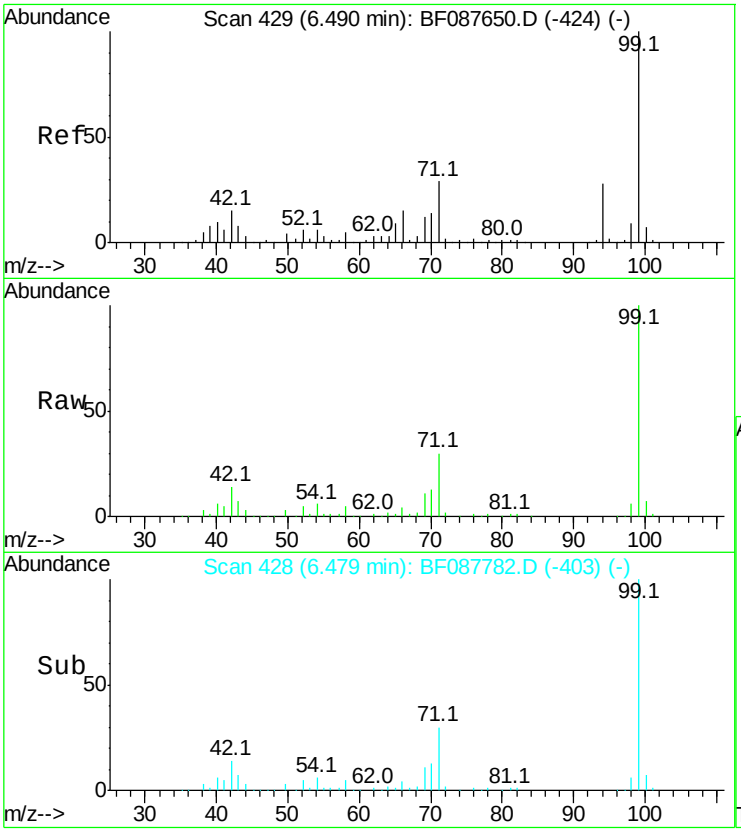


#5
2-Fluorophenol
Concen: 33.63 ng
RT: 5.44 min Scan# 337
Delta R.T. -0.01 min
Lab File: BF087782.D
Acq: 7 Jun 2016 8:40

Tgt Ion:112 Resp: 203706

Ion	Ratio	Lower	Upper
112	100		
64	59.4	42.2	63.2
63	30.3	21.8	32.8

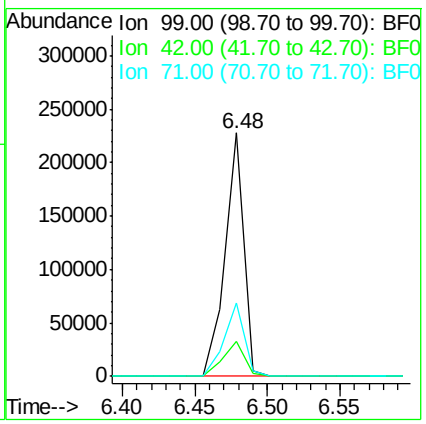




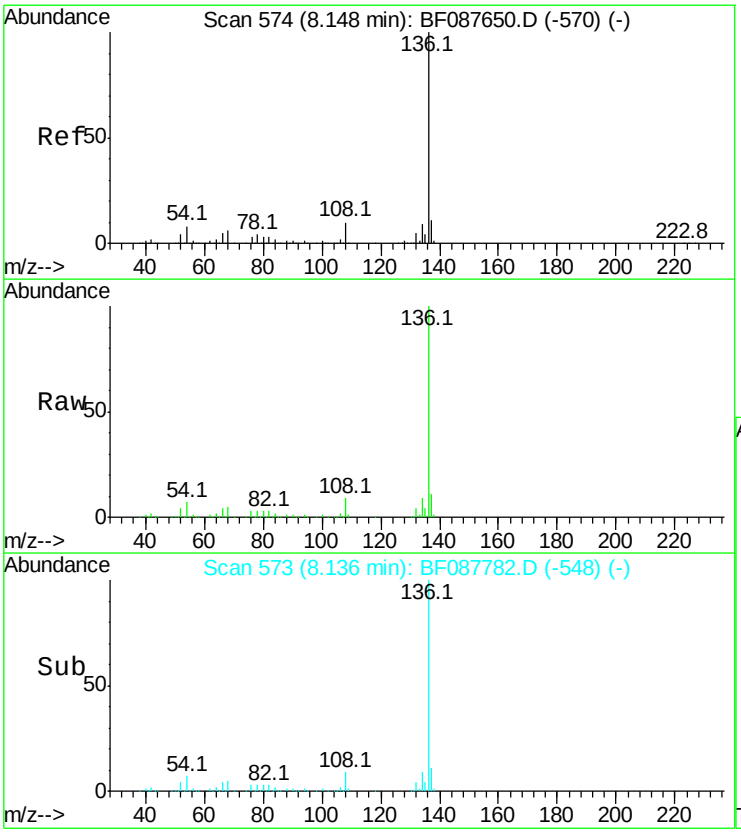
#7
Phenol-d6
Concen: 26.89 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF087782.D
Acq: 7 Jun 2016 8:40

Tgt Ion: 99 Resp: 204252

Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.2	18.2
71	30.0	23.4	35.0



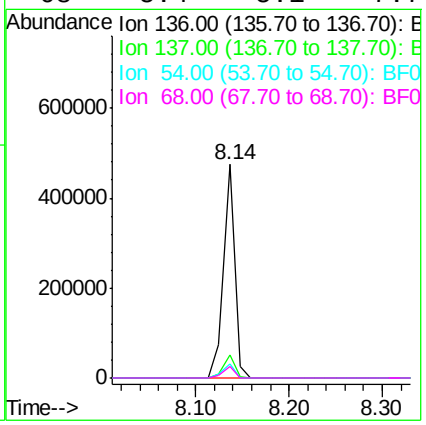
Instrument :
BNA_F
ClientSampleId :
W-32

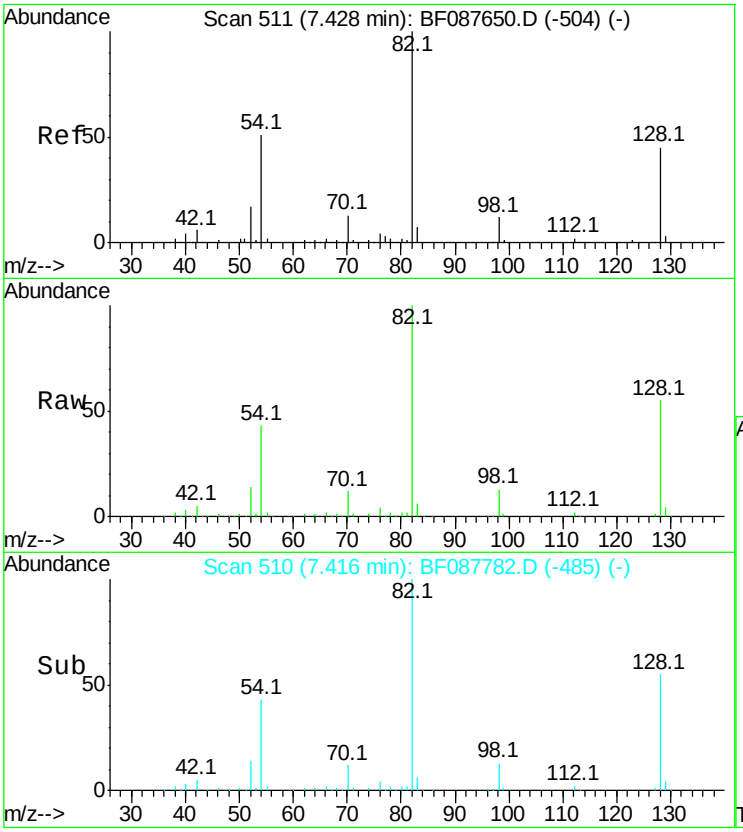


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087782.D
Acq: 7 Jun 2016 8:40

Tgt Ion:136 Resp: 398369

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.8	6.6	10.0
68	5.4	5.1	7.7



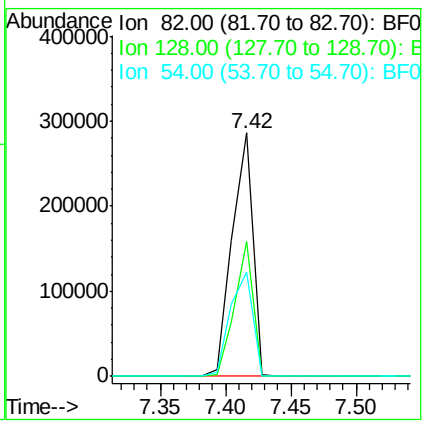


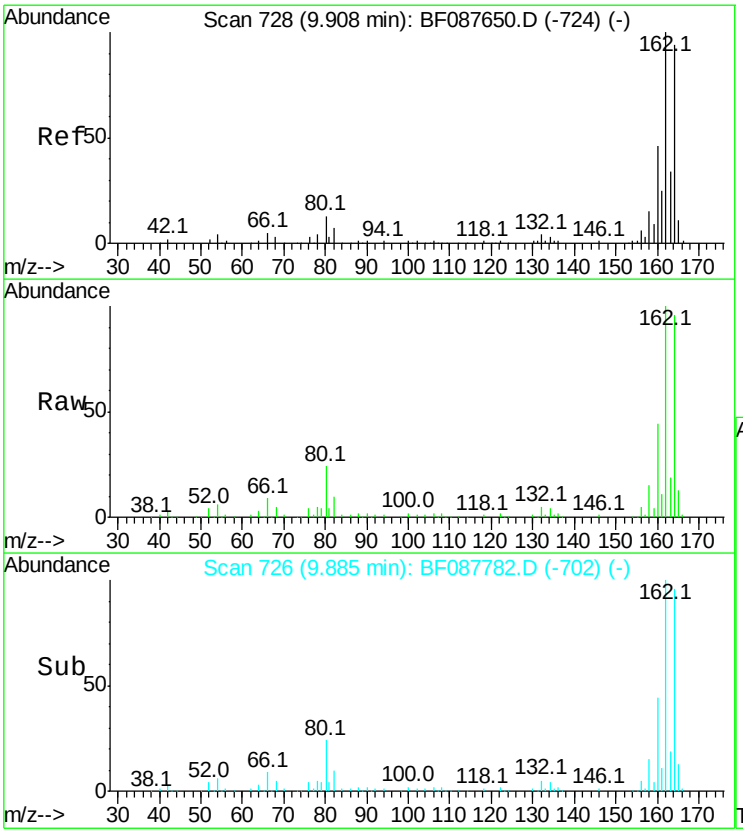
#23
Nitrobenzene-d5
Concen: 45.58 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF087782.D
Acq: 7 Jun 2016 8:40

Instrument :
BNA_F
ClientSampleId :
W-32

Tgt Ion: 82 Resp: 313833

Ion	Ratio	Lower	Upper
82	100		
128	55.5	35.9	53.9#
54	42.7	40.9	61.3

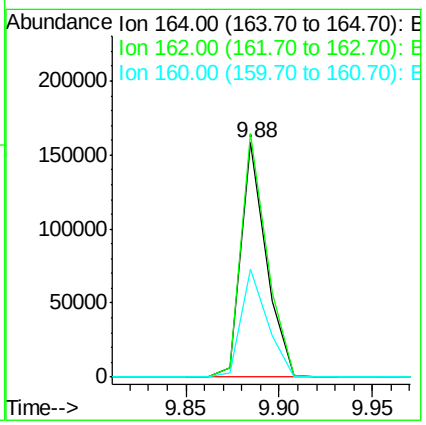


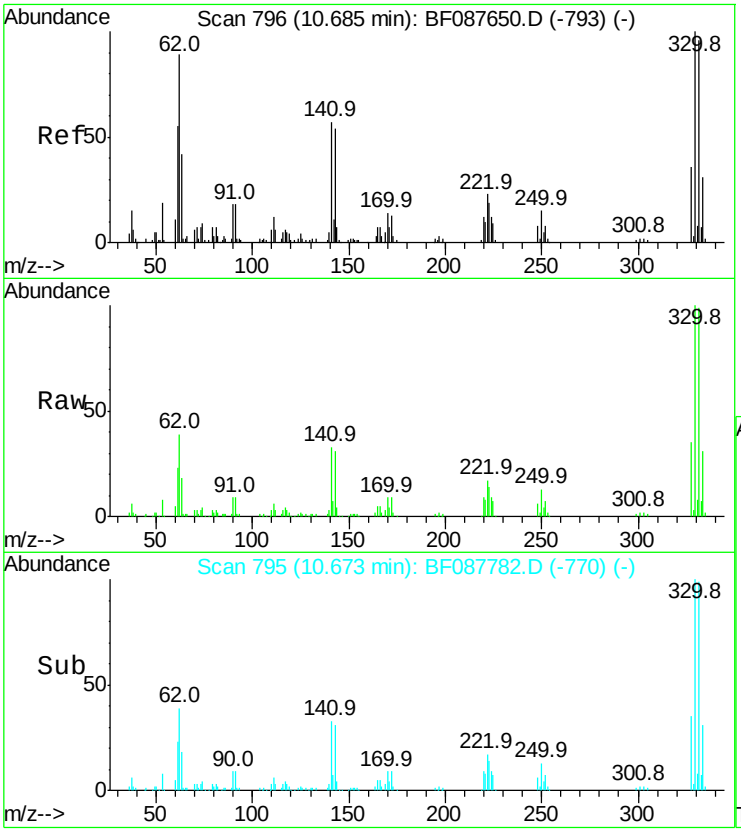


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF087782.D
Acq: 7 Jun 2016 8:40

Tgt Ion:164 Resp: 148162

Ion	Ratio	Lower	Upper
164	100		
162	104.0	85.4	128.2
160	45.9	39.5	59.3



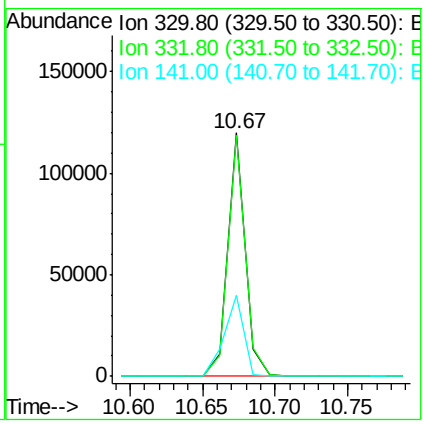


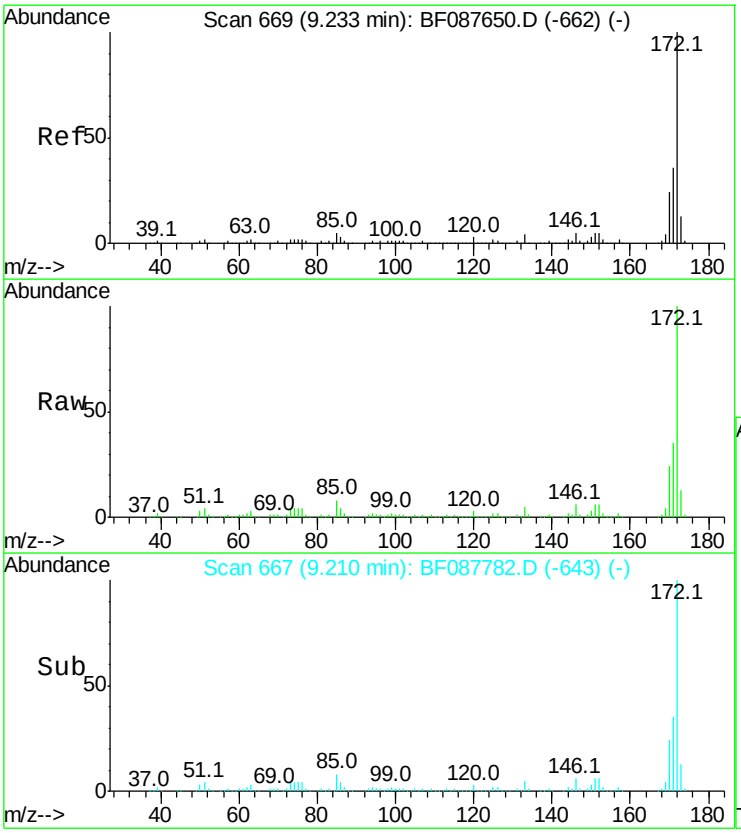
#41
2,4,6-Tribromophenol
Concen: 67.30 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF087782.D
Acq: 7 Jun 2016 8:40

Instrument :
BNA_F
ClientSampleId :
W-32

Tgt Ion:330 Resp: 100093

Ion	Ratio	Lower	Upper
330	100		
332	98.7	0.0	0.0#
141	37.1	0.0	0.0#

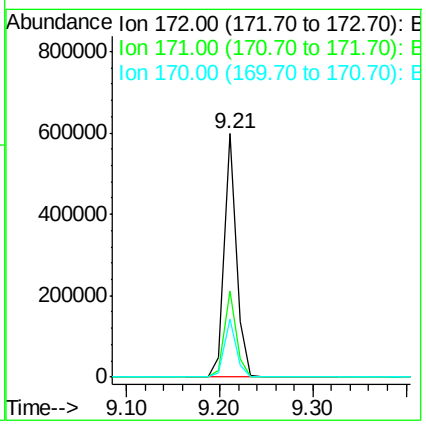


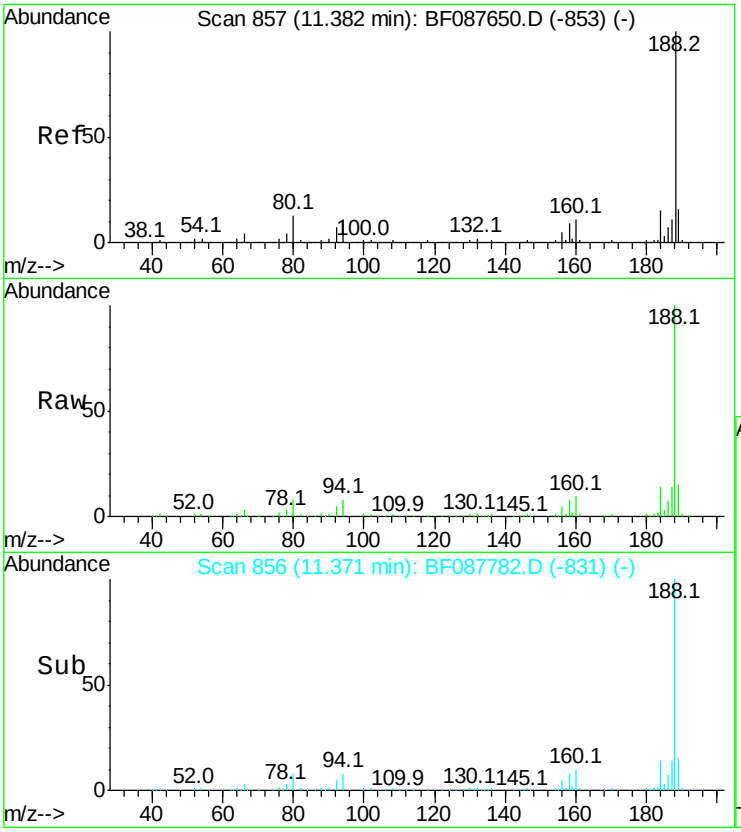


#44
2-Fluorobiphenyl
Concen: 49.51 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF087782.D
Acq: 7 Jun 2016 8:40

Tgt Ion:172 Resp: 542105

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.8	19.2	28.8



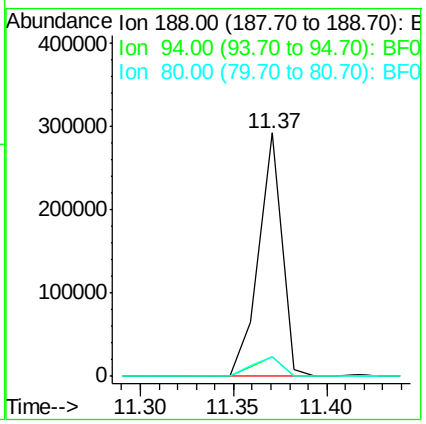


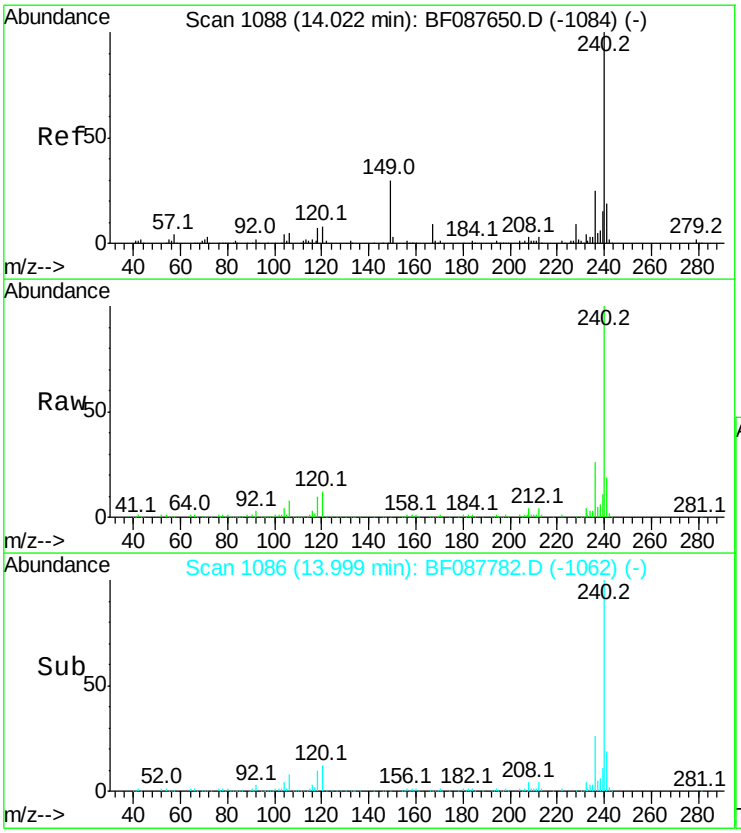
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087782.D
Acq: 7 Jun 2016 8:40

Instrument :
BNA_F
ClientSampleId :
W-32

Tgt Ion:188 Resp: 250943

Ion	Ratio	Lower	Upper
188	100		
94	8.2	9.0	13.6#
80	8.0	10.0	15.0#

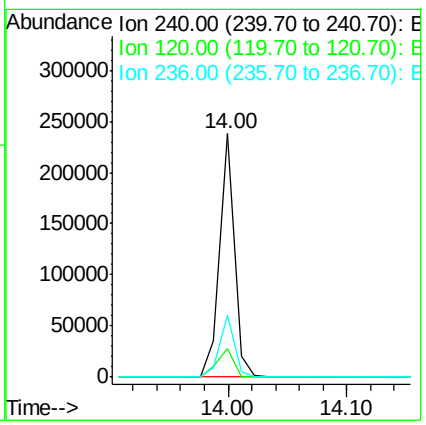


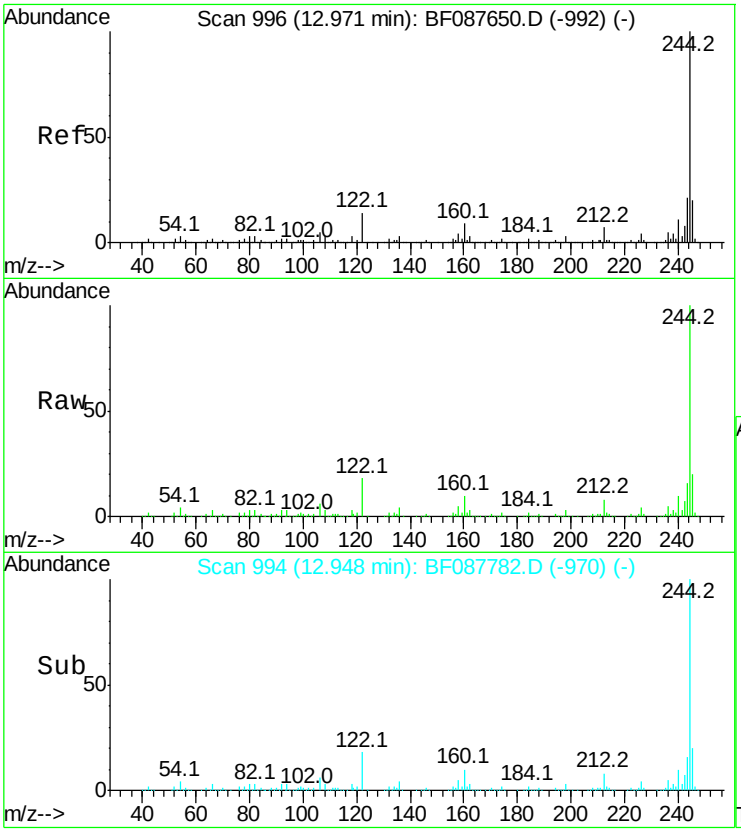


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF087782.D
Acq: 7 Jun 2016 8:40

Tgt Ion:240 Resp: 204551

Ion	Ratio	Lower	Upper
240	100		
120	11.7	6.8	10.2#
236	25.6	20.2	30.2



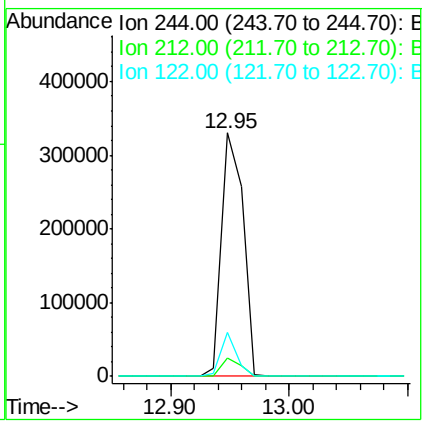


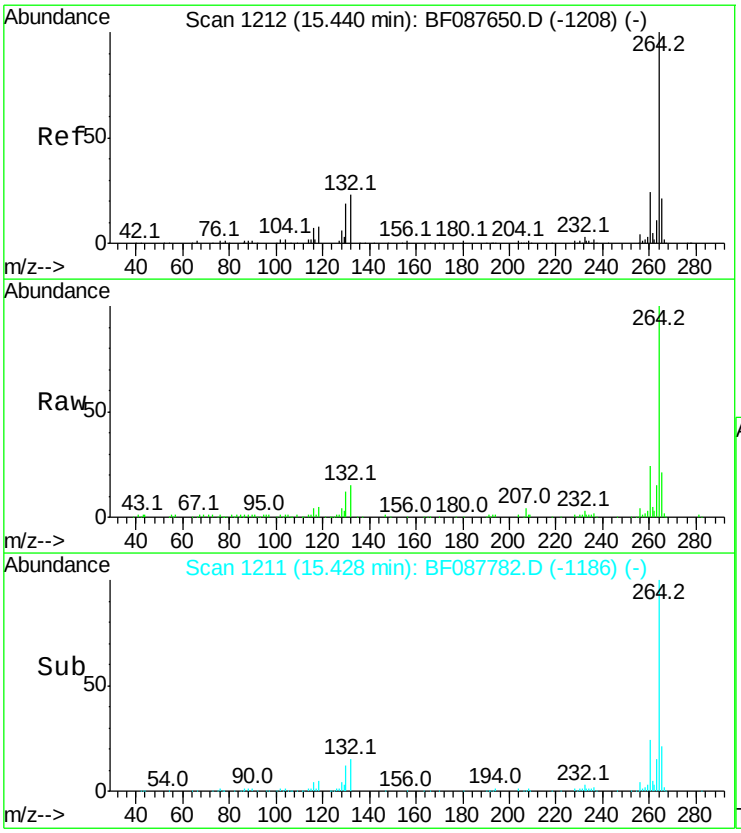
#78
Terphenyl-d14
Concen: 49.45 ng
RT: 12.95 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF087782.D
Acq: 7 Jun 2016 8:40

Instrument :
BNA_F
ClientSampleId :
W-32

Tgt Ion:244 Resp: 414504

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	18.1	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF087782.D
Acq: 7 Jun 2016 8:40

Tgt Ion:264 Resp: 151068

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	16.9	25.3