Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088278.D
Acq On : 23 Jun 2016 6:31
Operator : UM/SJ
Sample : H3065-05
Misc :
ALS Vial : 31 Sample Multiplier: 0.25

Instrument : BNA_F
ClientSampleId : DUP-0343-160511

Quant Time: Jun 23 07:25:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	23689	5.00	ng	0.00
21) Naphthalene-d8	7.88	136	94792	5.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	41445	5.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	63590	5.00	ng	0.00
75) Chrysene-d12	13.75	240	56907	5.00	ng	0.00
86) Perylene-d12	15.11	264	36653	5.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	11814	2.13	ng	0.02
7) Phenol-d6	6.28	99	8719	1.30	ng	0.02
23) Nitrobenzene-d5	7.18	82	22163	3.41	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	7607	4.35	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	51245	3.71	ng	0.00
78) Terphenyl-d14	12.70	244	46551	4.65	ng	0.00
Target Compounds						Qvalue

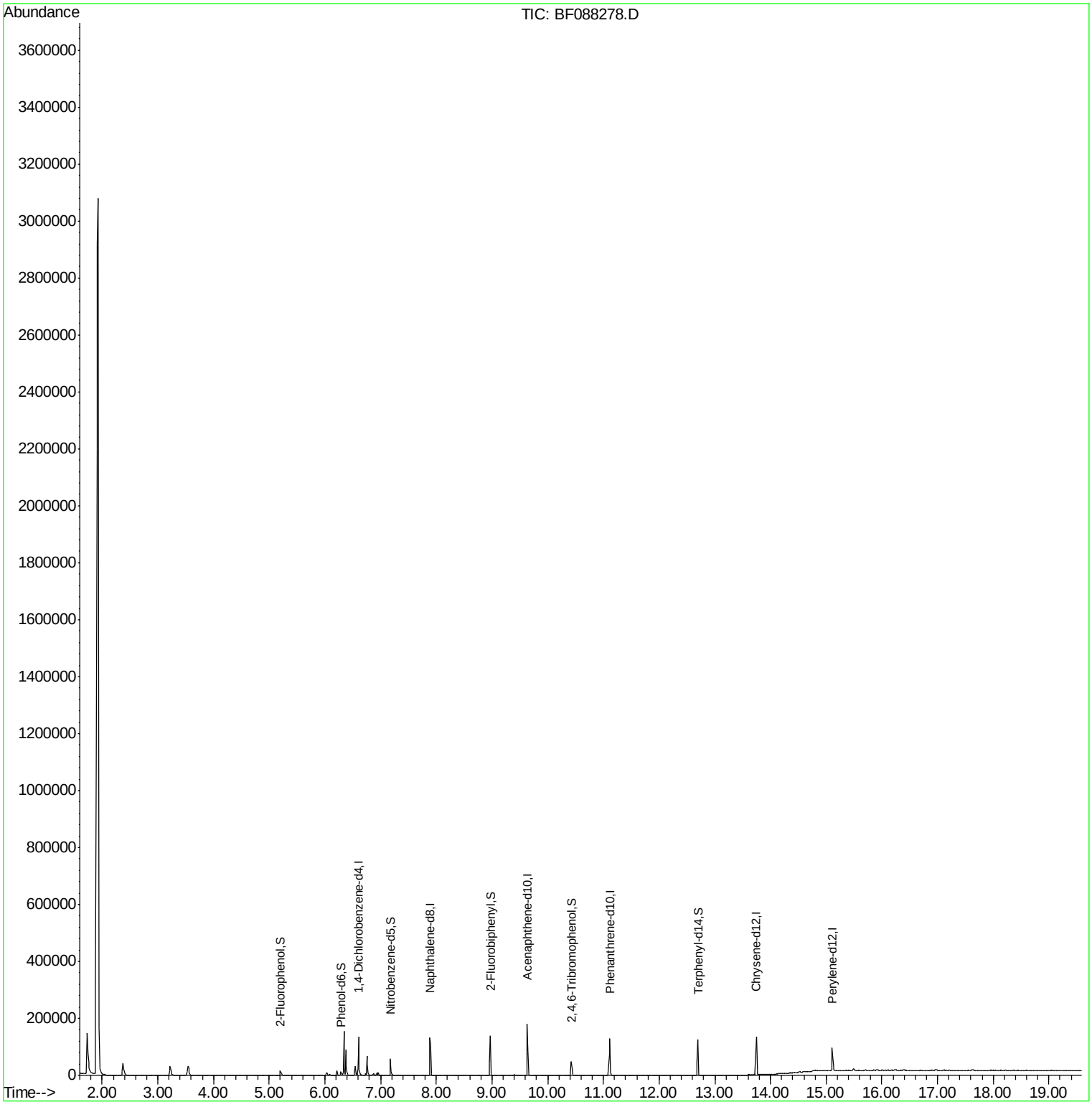
(#) = qualifier out of range (m) = manual integration (+) = signals summed

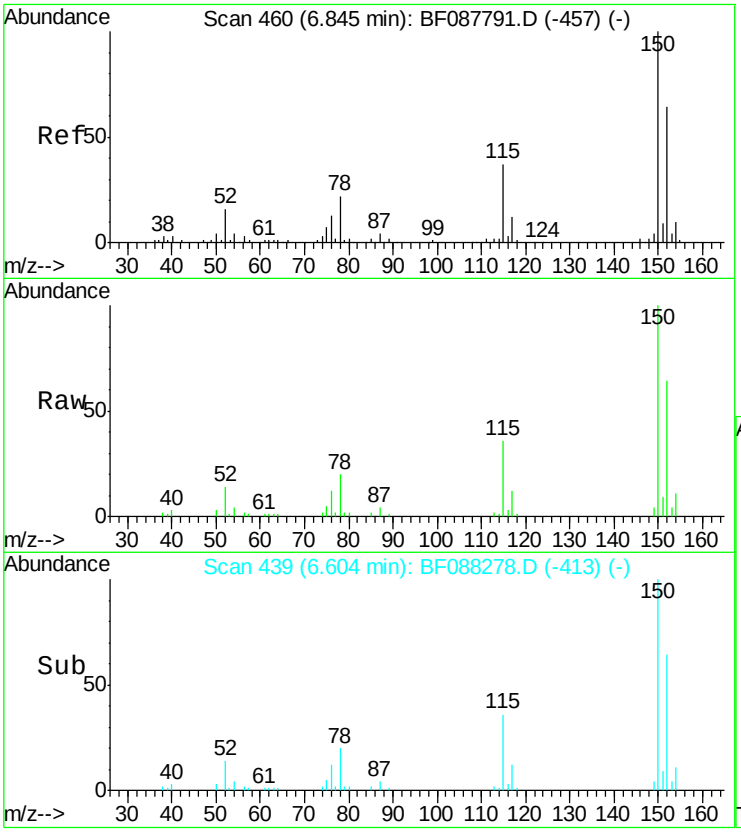
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088278.D
Acq On : 23 Jun 2016 6:31
Operator : UM/SJ
Sample : H3065-05
Misc :
ALS Vial : 31 Sample Multiplier: 0.25

Instrument :
BNA_F
ClientSampleId :
DUP-0343-160511

Quant Time: Jun 23 07:25:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration



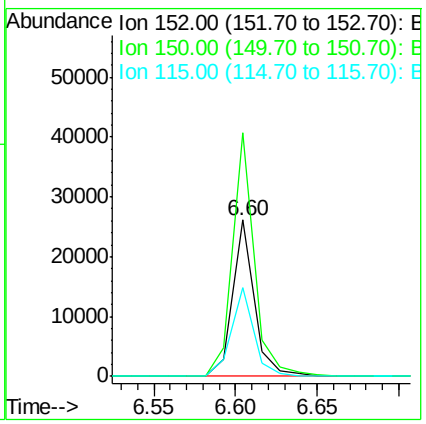


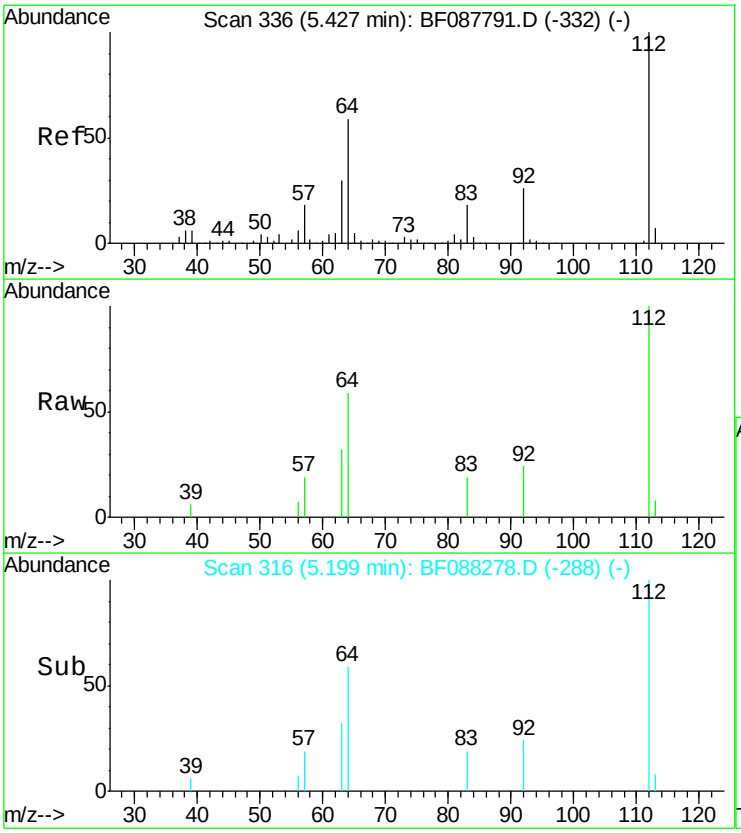
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF088278.D
Acq: 23 Jun 2016 6:31

Instrument :
BNA_F
ClientSampleId :
DUP-0343-160511

Tgt Ion:152 Resp: 23689

Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.8	185.6
115	56.8	39.6	59.4

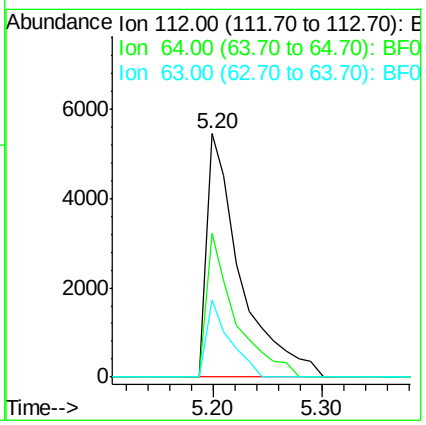


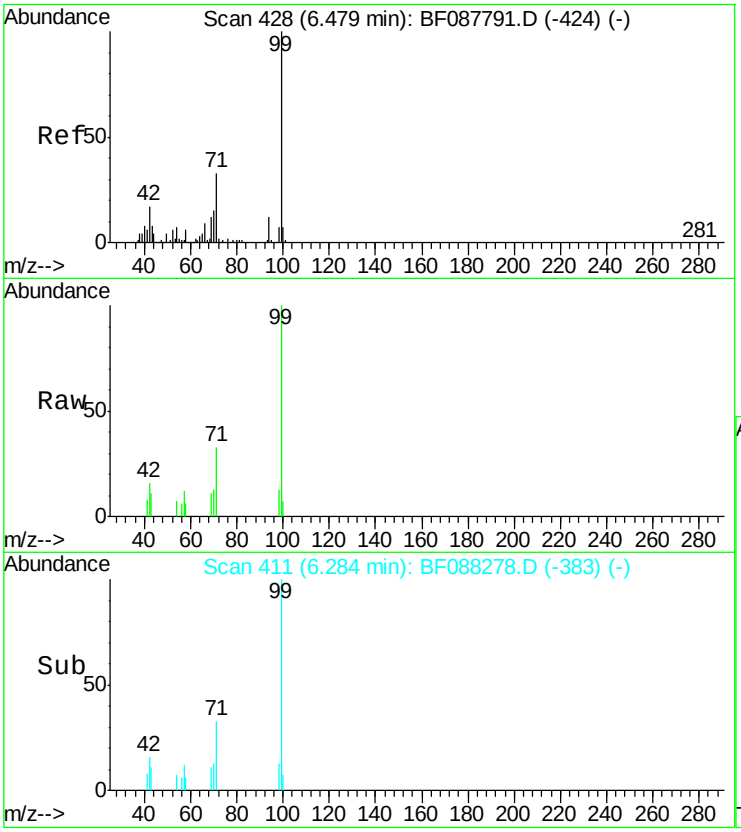


#5
2-Fluorophenol
Concen: 2.13 ng
RT: 5.20 min Scan# 316
Delta R.T. 0.02 min
Lab File: BF088278.D
Acq: 23 Jun 2016 6:31

Tgt Ion:112 Resp: 11814

Ion	Ratio	Lower	Upper
112	100		
64	59.1	42.2	63.2
63	31.7	21.8	32.8



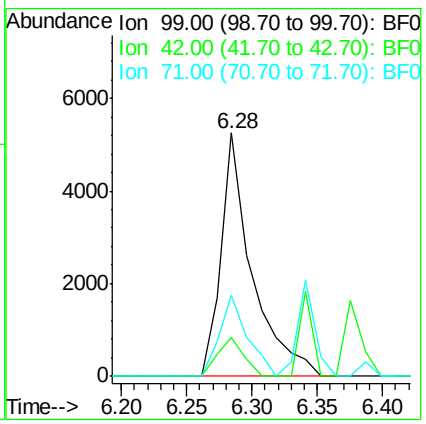


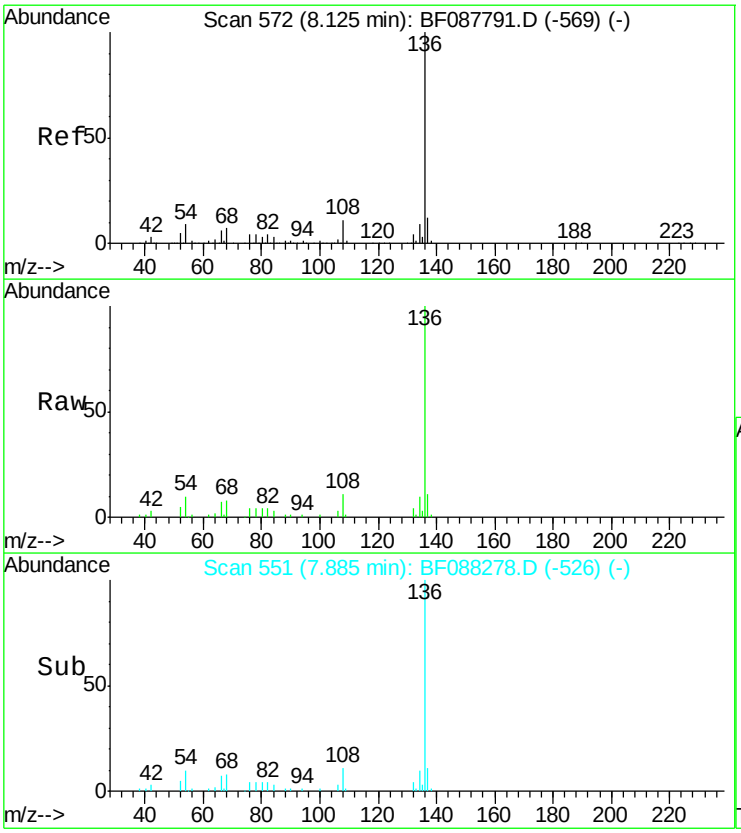
#7
Phenol-d6
Concen: 1.30 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.02 min
Lab File: BF088278.D
Acq: 23 Jun 2016 6:31

Instrument :
BNA_F
ClientSampleId :
DUP-0343-160511

Tgt Ion: 99 Resp: 8719

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.2	18.2
71	33.4	23.4	35.0

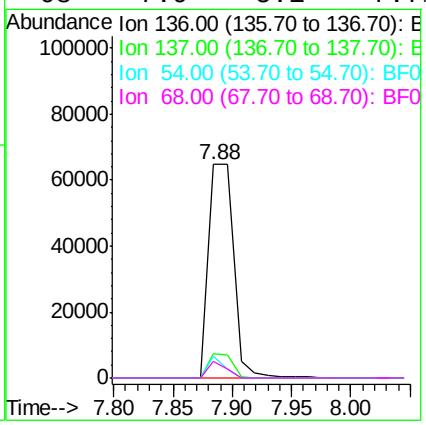


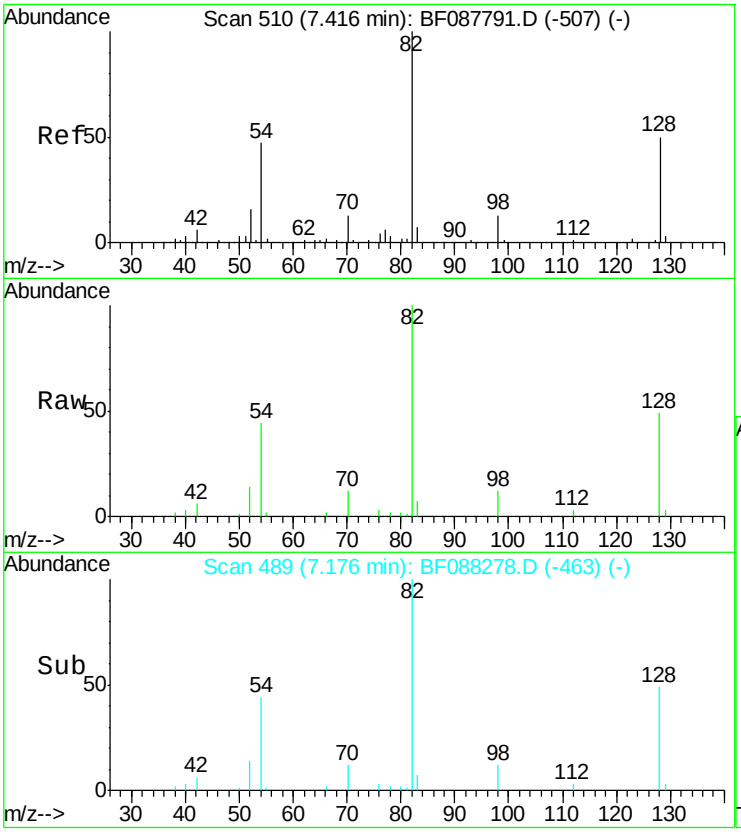


#21
Naphthalene-d8
Concen: 5.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088278.D
Acq: 23 Jun 2016 6:31

Tgt Ion:136 Resp: 94792

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.5	6.6	10.0#
68	7.9	5.1	7.7#



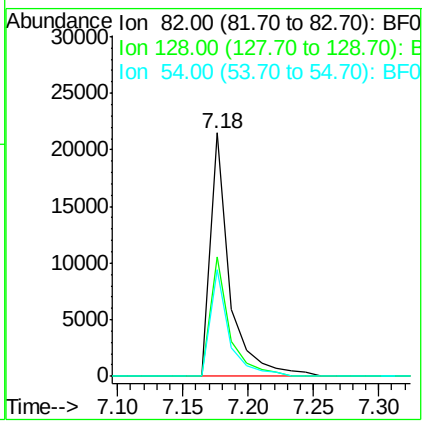


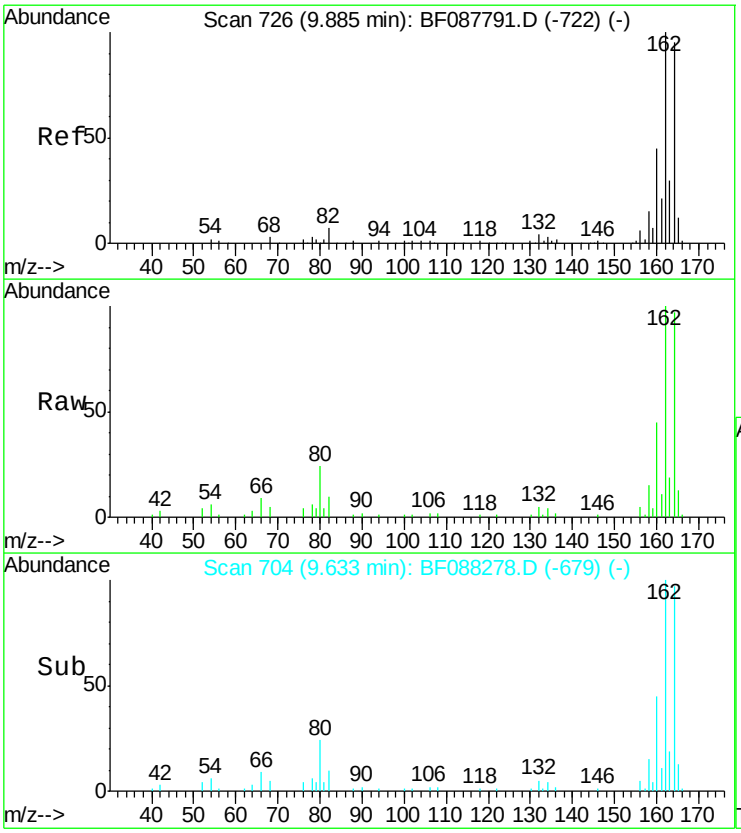
#23
Nitrobenzene-d5
Concen: 3.41 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF088278.D
Acq: 23 Jun 2016 6:31

Instrument :
BNA_F
ClientSampleId :
DUP-0343-160511

Tgt Ion: 82 Resp: 22163

Ion	Ratio	Lower	Upper
82	100		
128	48.9	35.9	53.9
54	43.7	40.9	61.3

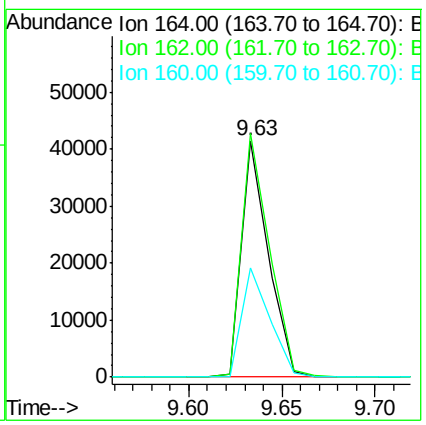


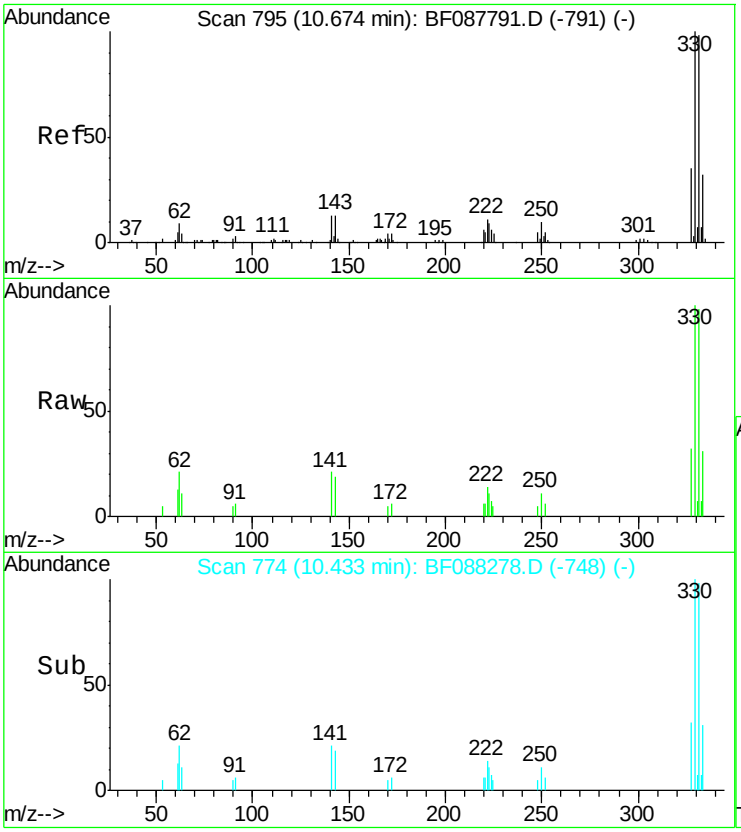


#38
Acenaphthene-d10
Concen: 5.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF088278.D
Acq: 23 Jun 2016 6:31

Tgt Ion:164 Resp: 41445

Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.4	128.2
160	46.1	39.5	59.3



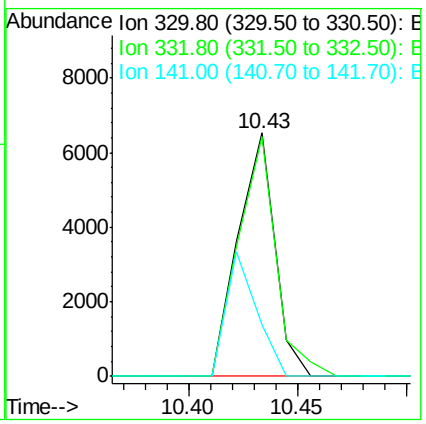


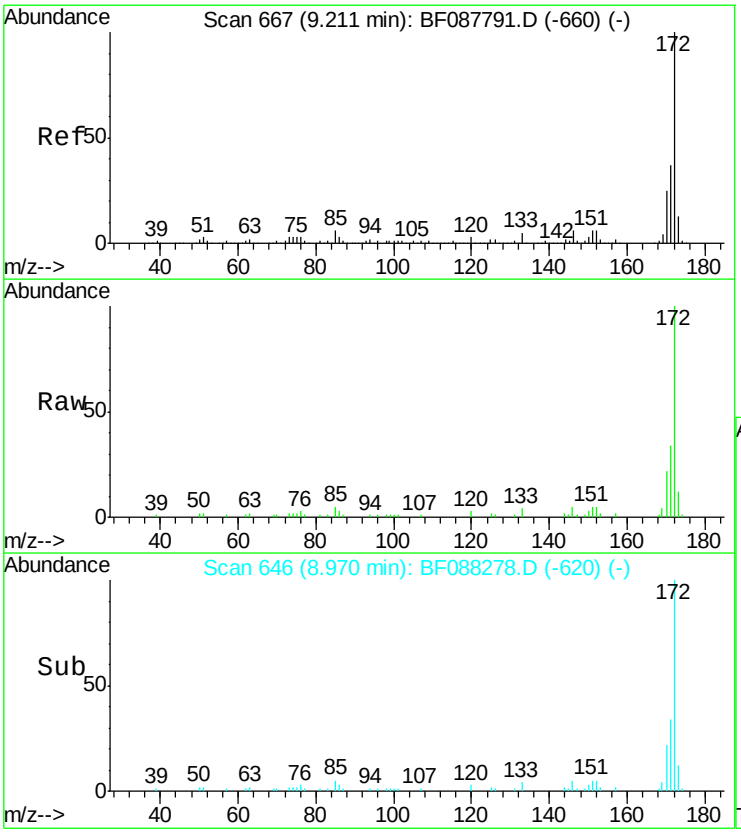
#41
2,4,6-Tribromophenol
Concen: 4.35 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF088278.D
Acq: 23 Jun 2016 6:31

Instrument :
BNA_F
ClientSampleId :
DUP-0343-160511

Tgt Ion:330 Resp: 7607

Ion	Ratio	Lower	Upper
330	100		
332	101.5	0.0	0.0#
141	42.3	0.0	0.0#

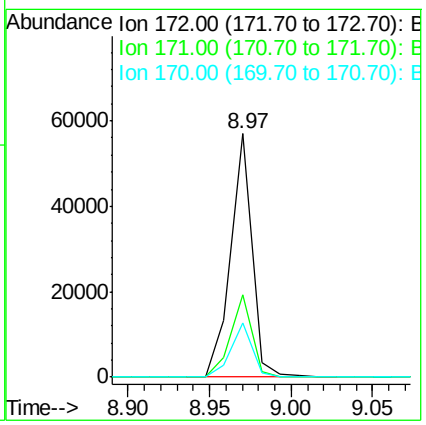


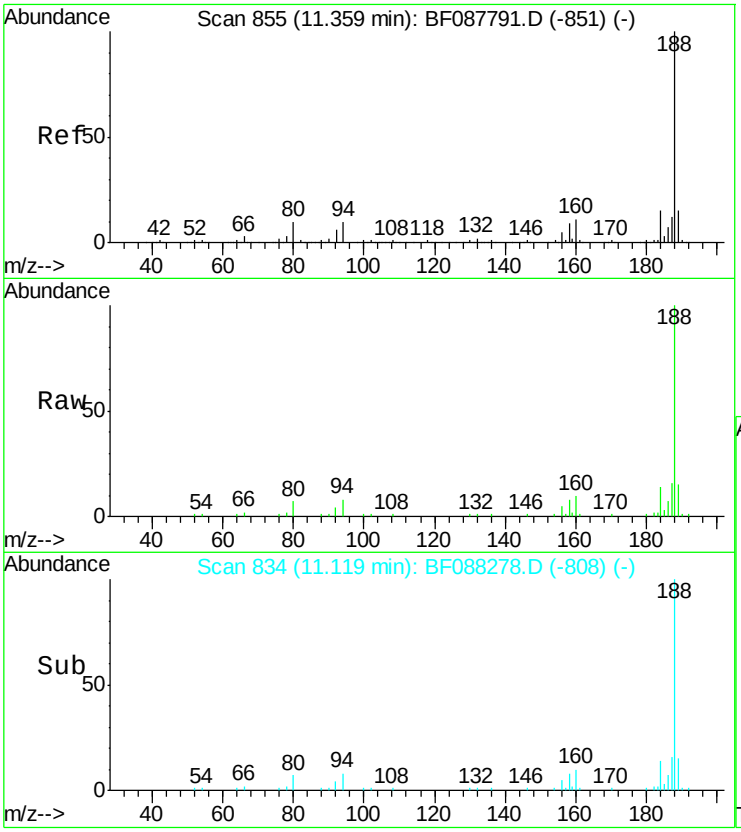


#44
2-Fluorobiphenyl
Concen: 3.71 ng
RT: 8.97 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF088278.D
Acq: 23 Jun 2016 6:31

Tgt Ion:172 Resp: 51245

Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.6	43.0
170	22.4	19.2	28.8



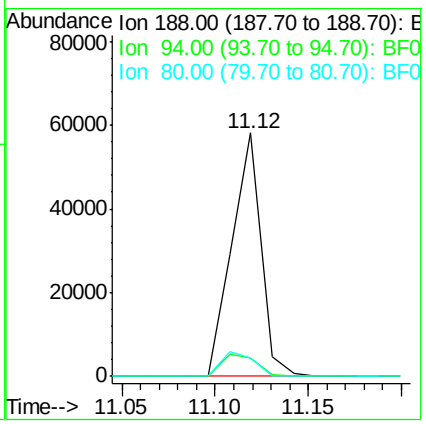


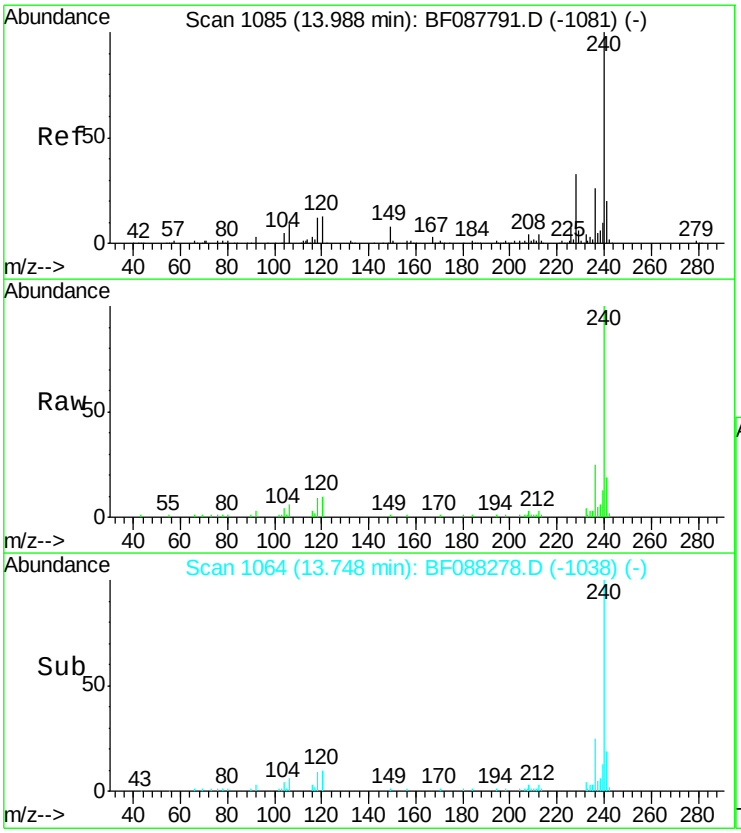
#63
Phenanthrene-d10
Concen: 5.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF088278.D
Acq: 23 Jun 2016 6:31

Instrument :
BNA_F
ClientSampleId :
DUP-0343-160511

Tgt Ion:188 Resp: 63590

Ion	Ratio	Lower	Upper
188	100		
94	7.5	9.0	13.6#
80	7.5	10.0	15.0#

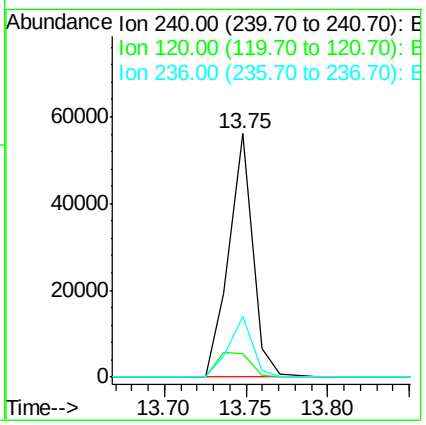


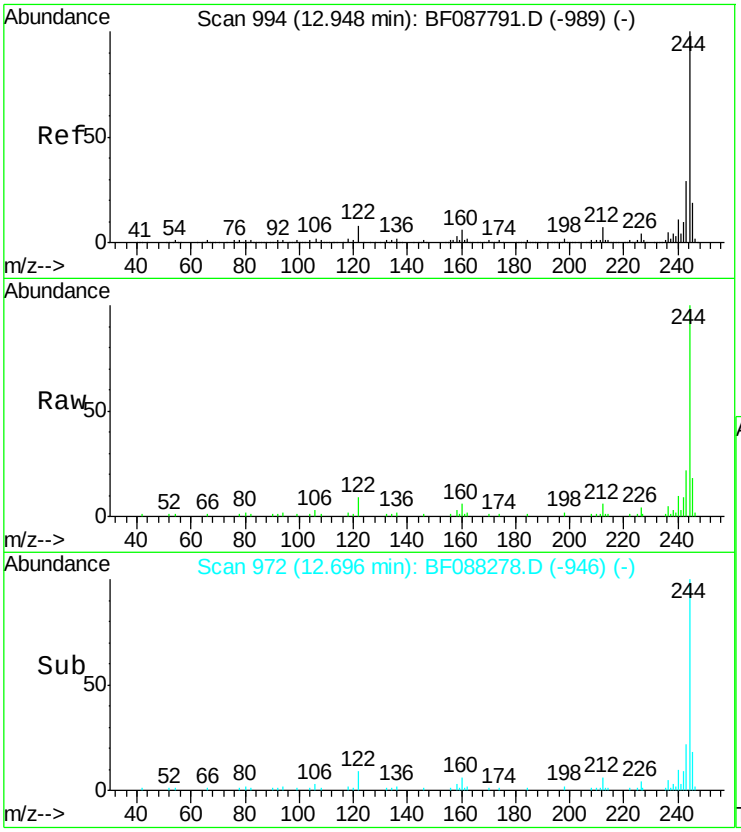


#75
Chrysene-d12
Concen: 5.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF088278.D
Acq: 23 Jun 2016 6:31

Tgt Ion:240 Resp: 56907

Ion	Ratio	Lower	Upper
240	100		
120	9.9	6.8	10.2
236	25.1	20.2	30.2



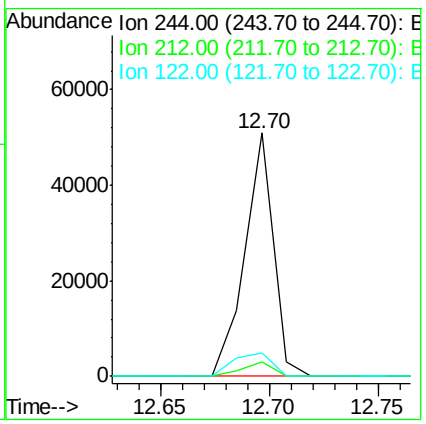


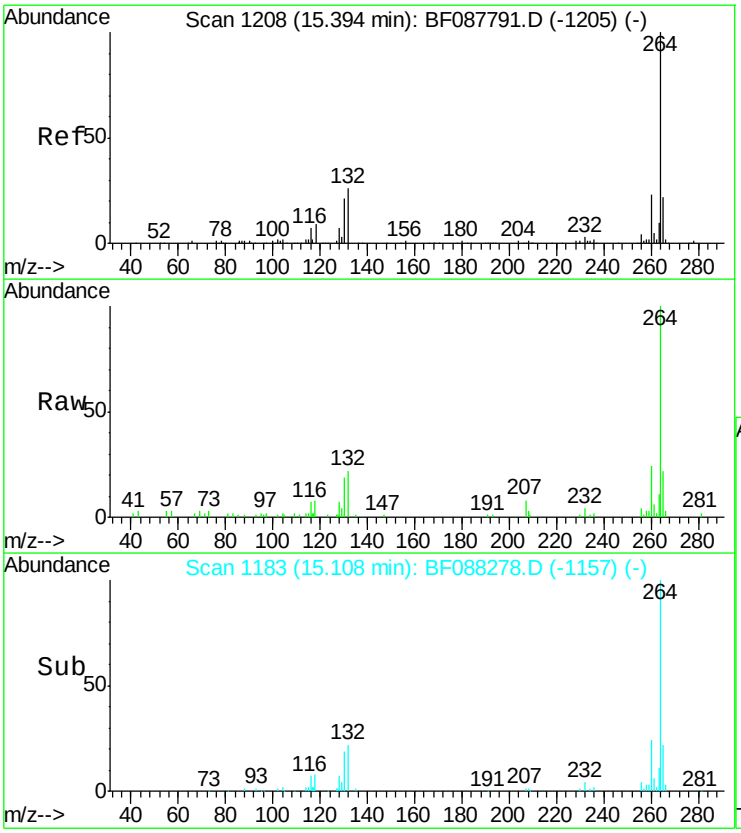
#78
Terphenyl-d14
Concen: 4.65 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF088278.D
Acq: 23 Jun 2016 6:31

Instrument :
BNA_F
ClientSampleId :
DUP-0343-160511

Tgt Ion:244 Resp: 46551

Ion	Ratio	Lower	Upper
244	100		
212	6.1	6.0	9.0
122	9.5	11.2	16.8#





#86
Perylene-d12
Concen: 5.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF088278.D
Acq: 23 Jun 2016 6:31

Tgt Ion:264 Resp: 36653

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.9	16.9	25.3