Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088168.D
Acq On : 19 Jun 2016 8:07
Operator : UM/SJ
Sample : H3628-13
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

Quant Time: Jun 20 07:05:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 17 16:09:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	94863	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	327599	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	125655	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	209768	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	168958	20.00	ng	-0.02
86) Perylene-d12	15.21	264	126201	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	322796	58.17	ng	0.00
7) Phenol-d6	6.34	99	242921	36.12	ng	-0.01
23) Nitrobenzene-d5	7.26	82	494732	88.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	138831	104.64	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	774833	97.70	ng	-0.02
78) Terphenyl-d14	12.79	244	627886	84.56	ng	-0.01
Target Compounds						Qvalue

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

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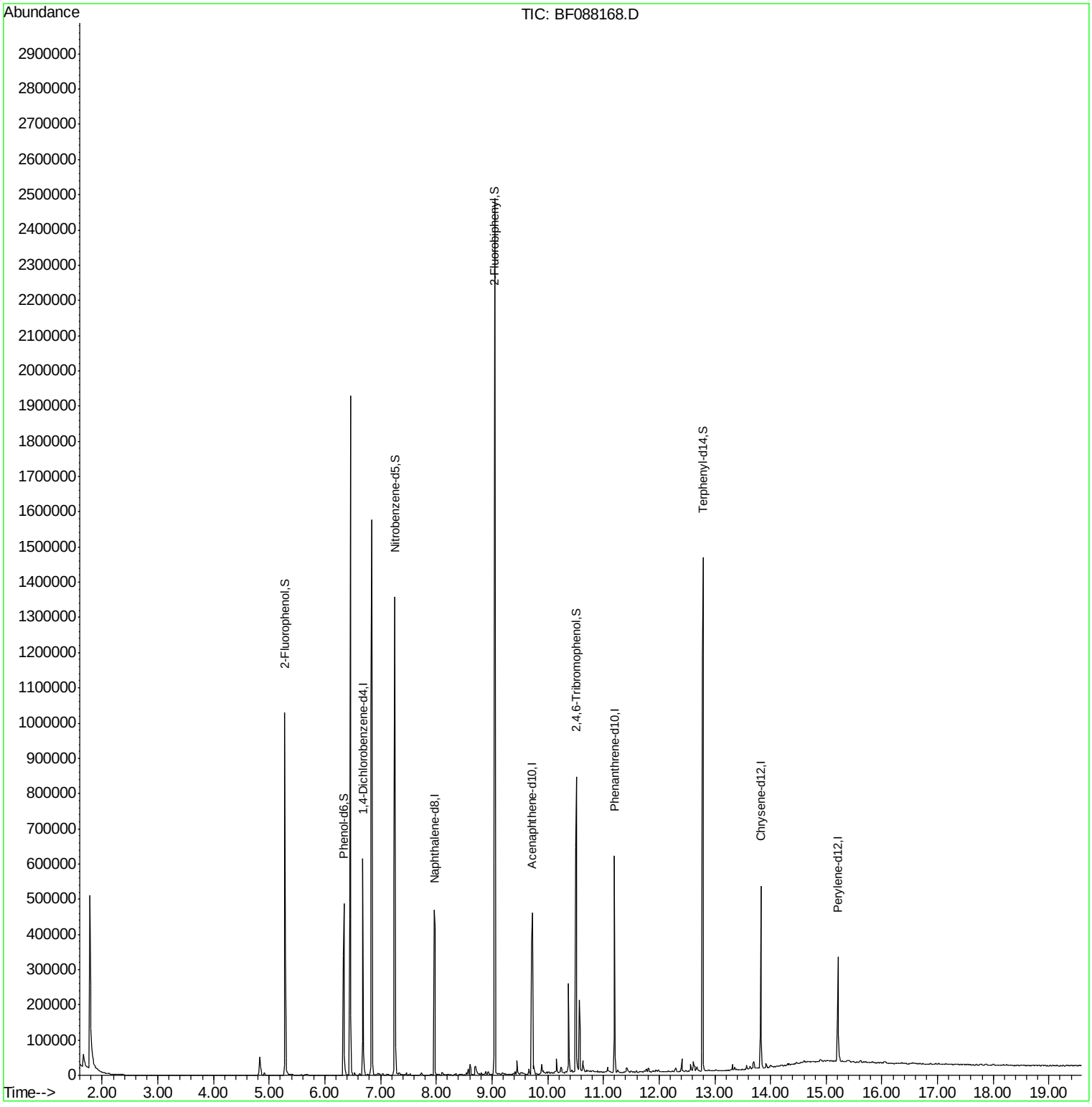
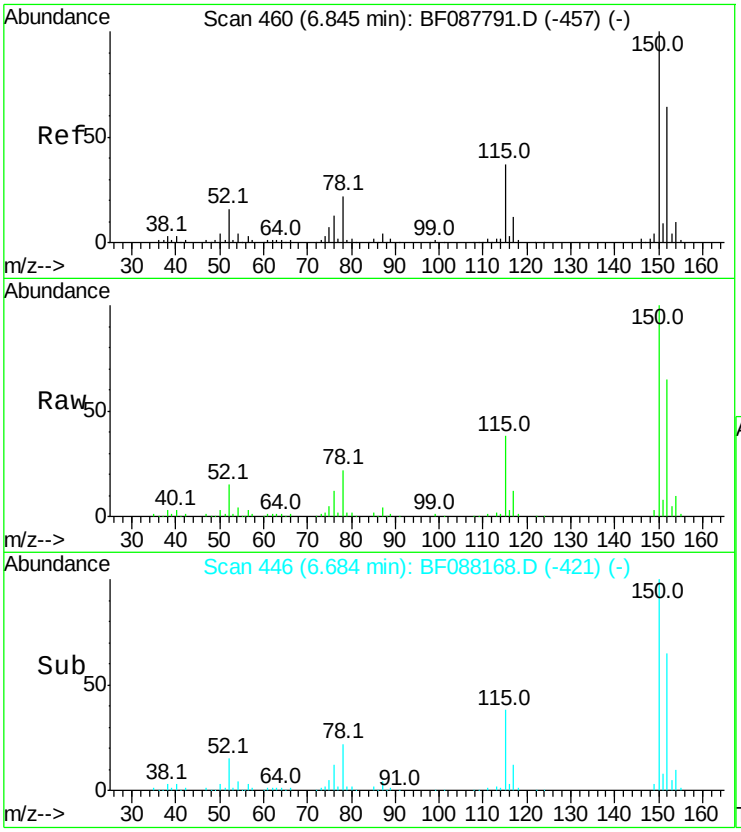


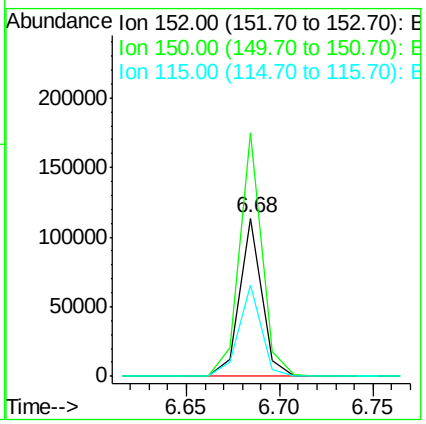


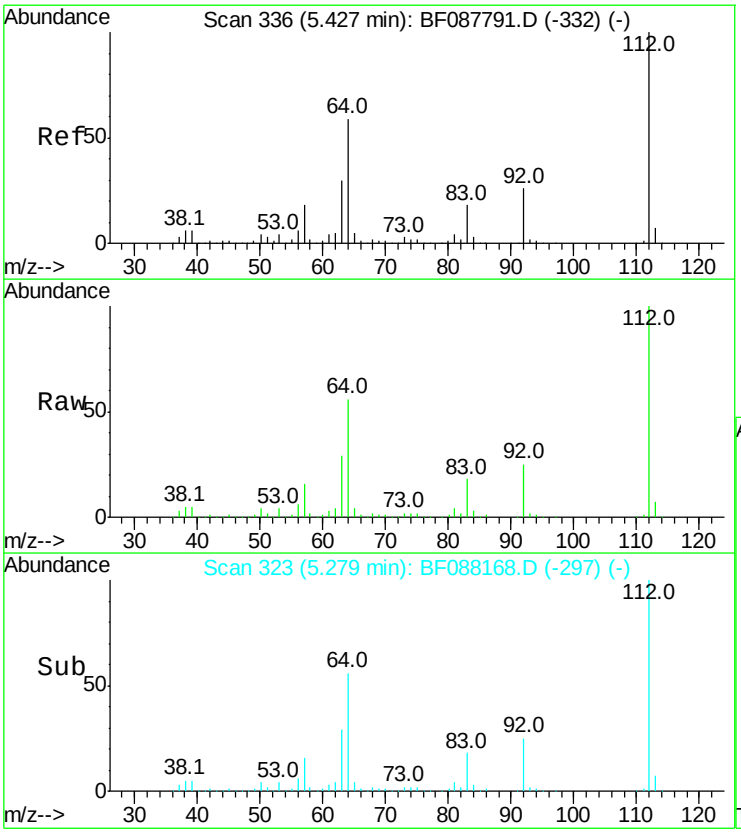
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF088168.D
Acq: 19 Jun 2016 8:07

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:152 Resp: 94863

Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.8	185.6
115	57.8	39.6	59.4

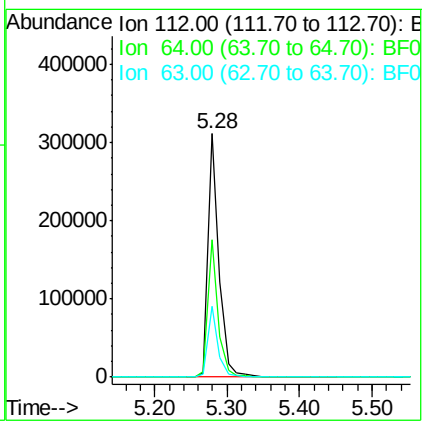


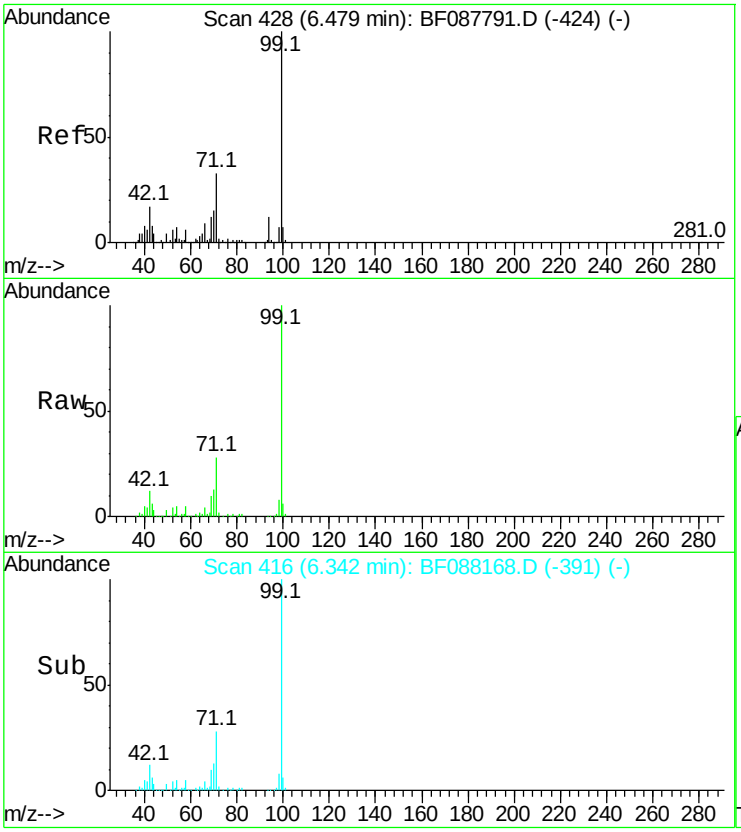


#5
2-Fluorophenol
Concen: 58.17 ng
RT: 5.28 min Scan# 323
Delta R.T. -0.00 min
Lab File: BF088168.D
Acq: 19 Jun 2016 8:07

Tgt Ion:112 Resp: 322796

Ion	Ratio	Lower	Upper
112	100		
64	56.5	42.2	63.2
63	29.0	21.8	32.8



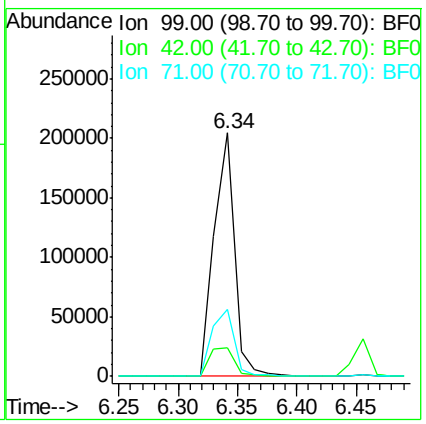


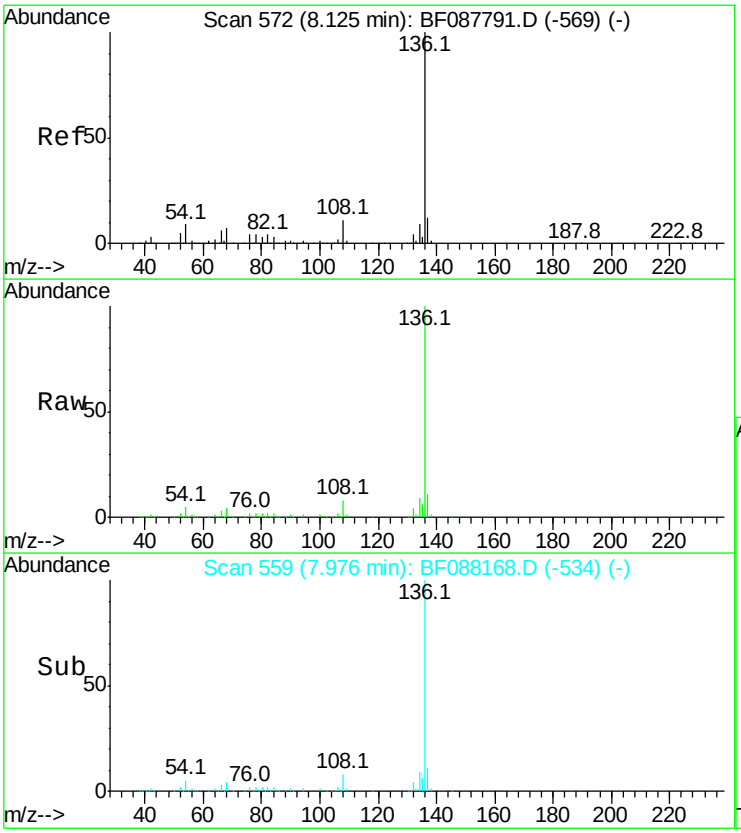
#7
Phenol-d6
Concen: 36.12 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF088168.D
Acq: 19 Jun 2016 8:07

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion: 99 Resp: 242921

Ion	Ratio	Lower	Upper
99	100		
42	11.7	12.2	18.2#
71	27.5	23.4	35.0

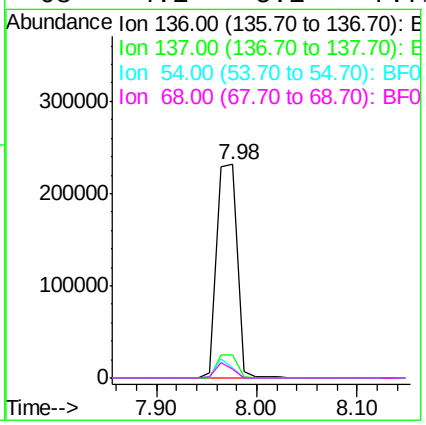


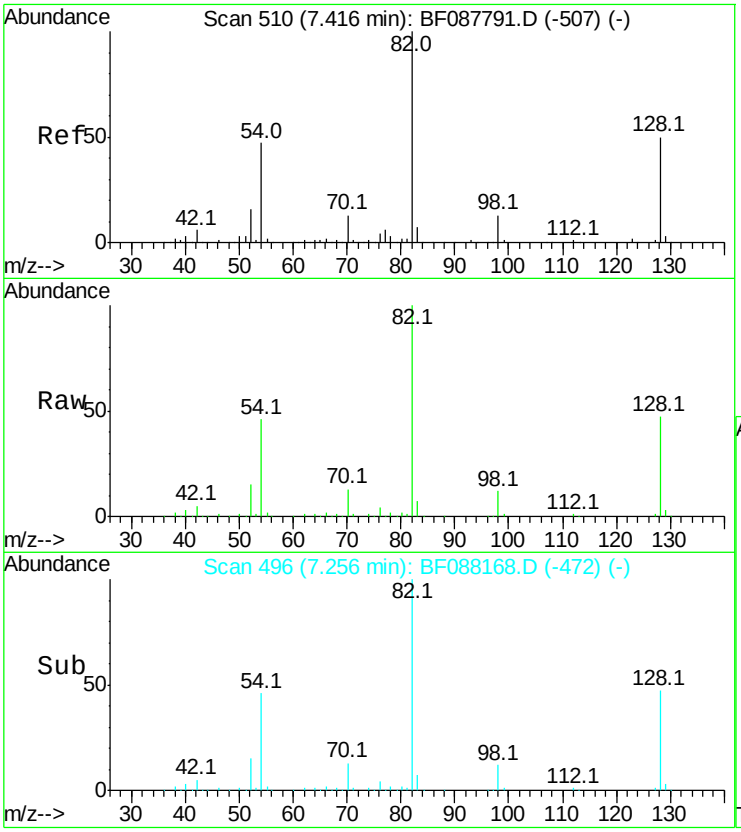


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF088168.D
Acq: 19 Jun 2016 8:07

Tgt Ion:136 Resp: 327599

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	4.7	6.6	10.0#
68	4.1	5.1	7.7#



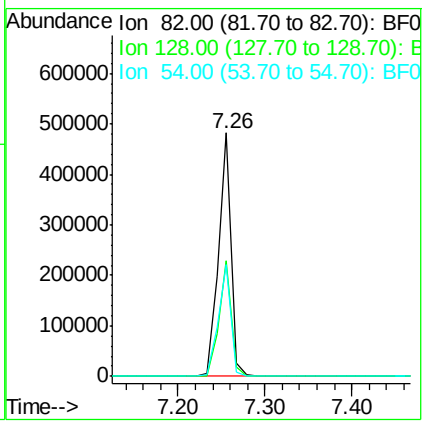


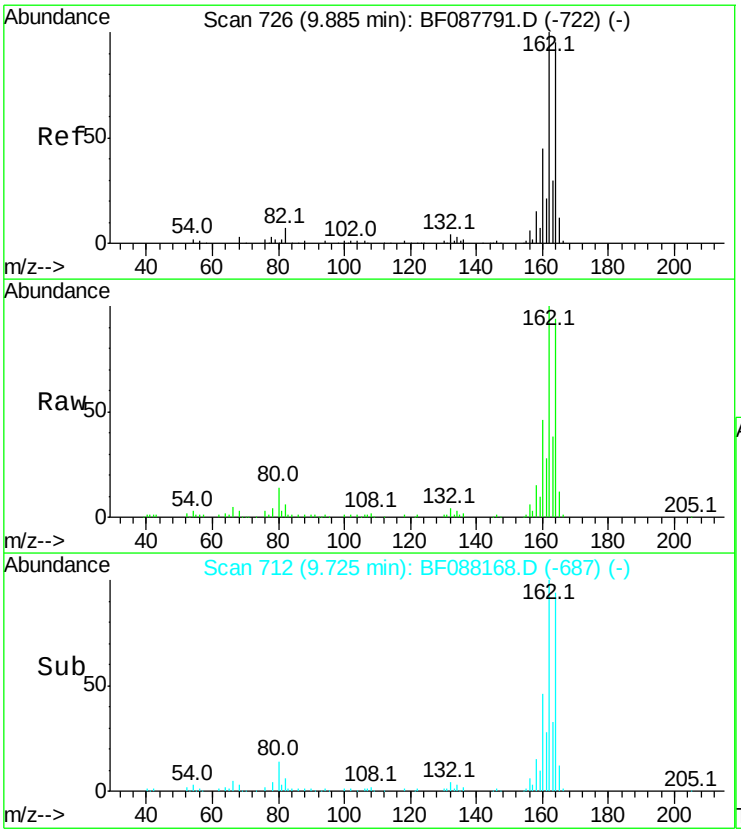
#23
Nitrobenzene-d5
Concen: 88.19 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF088168.D
Acq: 19 Jun 2016 8:07

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion: 82 Resp: 494732

Ion	Ratio	Lower	Upper
82	100		
128	47.4	35.9	53.9
54	46.0	40.9	61.3

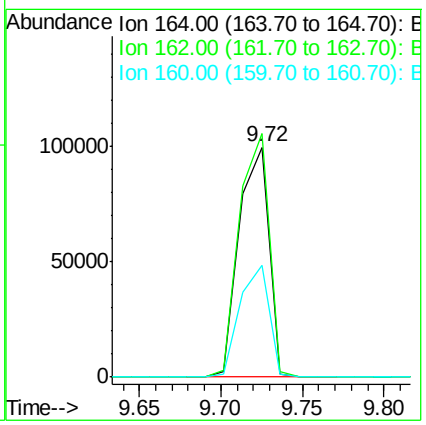


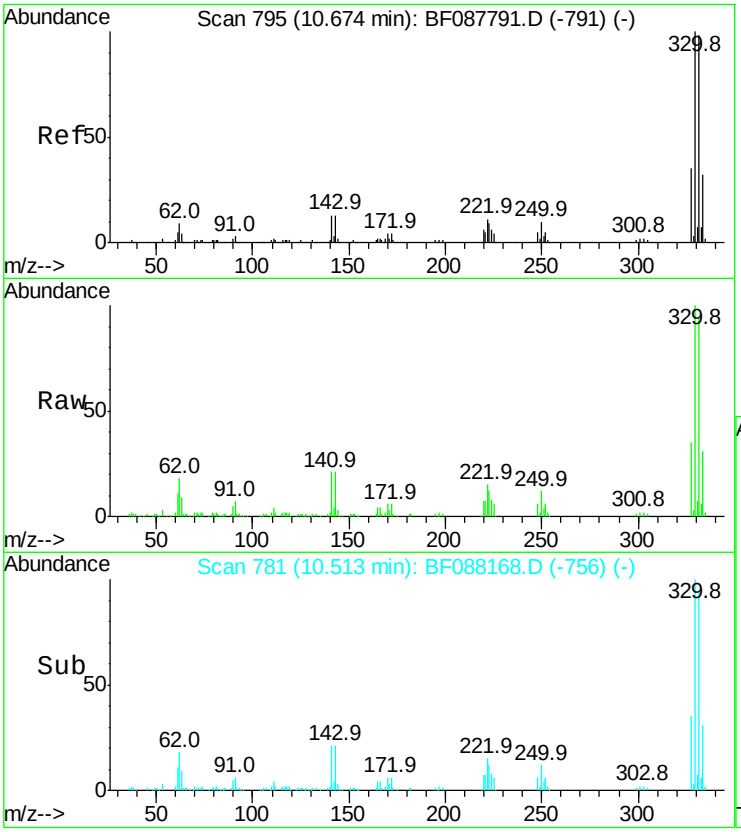


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF088168.D
Acq: 19 Jun 2016 8:07

Tgt Ion:164 Resp: 125655

Ion	Ratio	Lower	Upper
164	100		
162	105.9	85.4	128.2
160	48.6	39.5	59.3



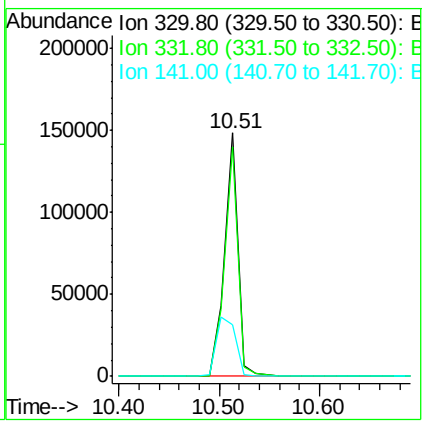


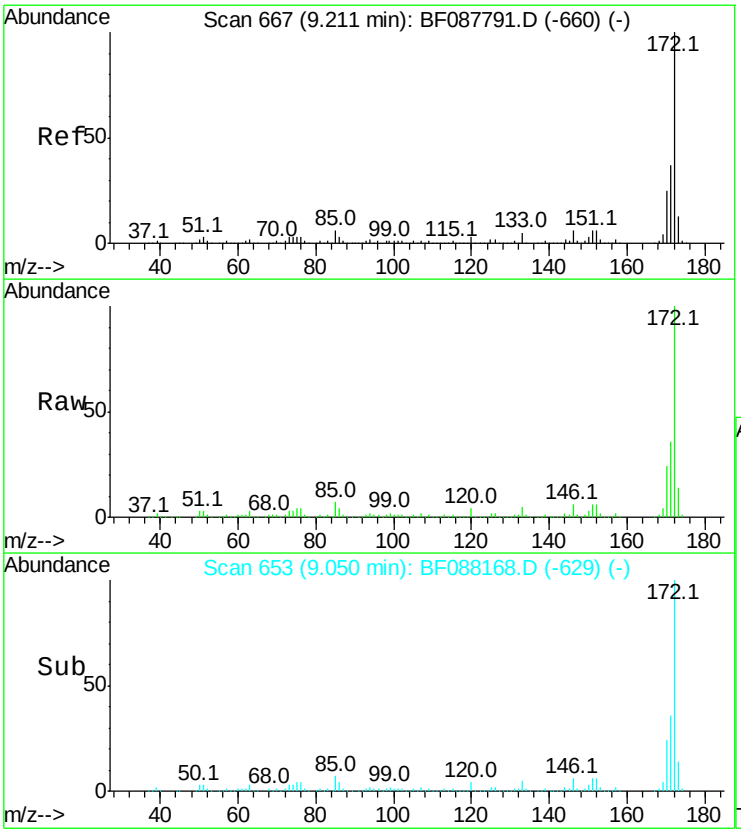
#41
2,4,6-Tribromophenol
Concen: 104.64 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF088168.D
Acq: 19 Jun 2016 8:07

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:330 Resp: 138831

Ion	Ratio	Lower	Upper
330	100		
332	94.4	0.0	0.0#
141	35.6	0.0	0.0#

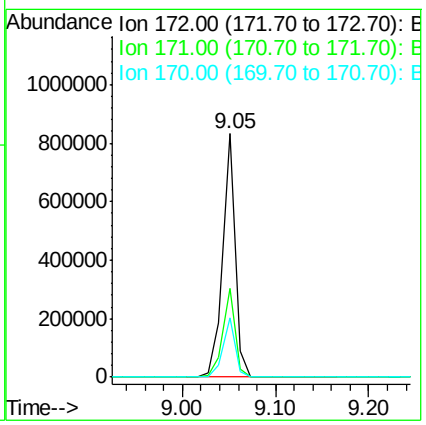


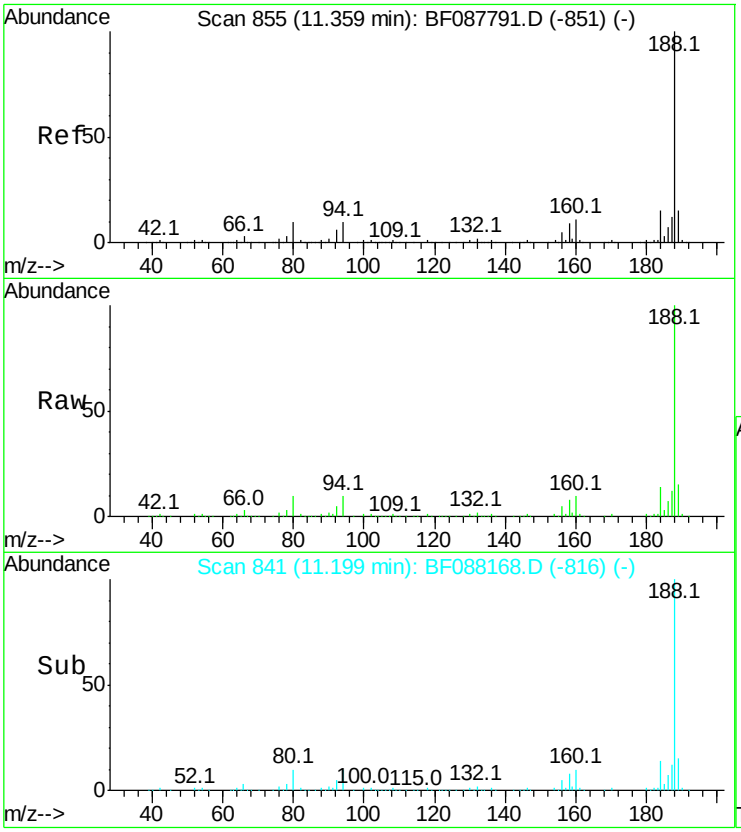


#44
2-Fluorobiphenyl
Concen: 97.70 ng
RT: 9.05 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF088168.D
Acq: 19 Jun 2016 8:07

Tgt Ion:172 Resp: 774833

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.4	19.2	28.8



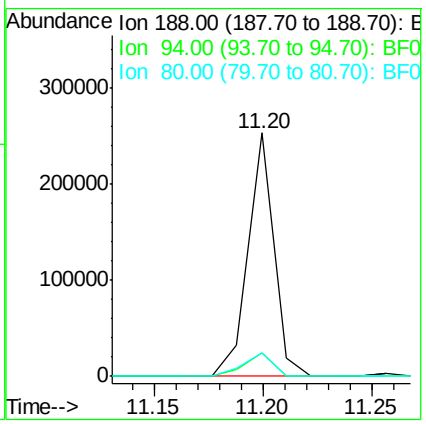


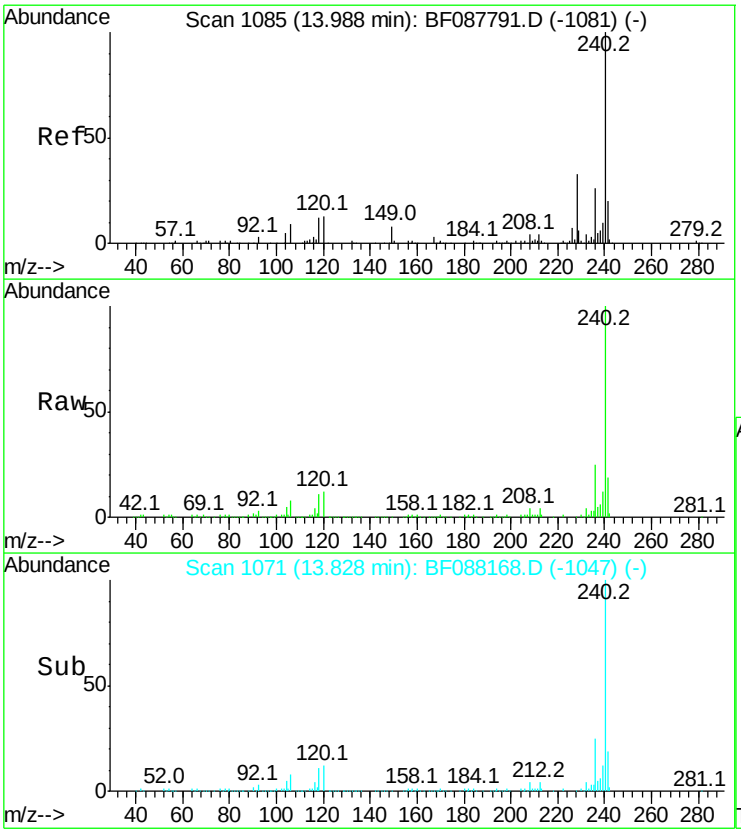
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088168.D
Acq: 19 Jun 2016 8:07

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:188 Resp: 209768

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.6
80	9.9	10.0	15.0#

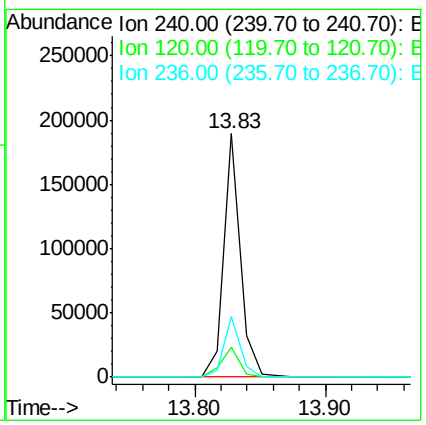


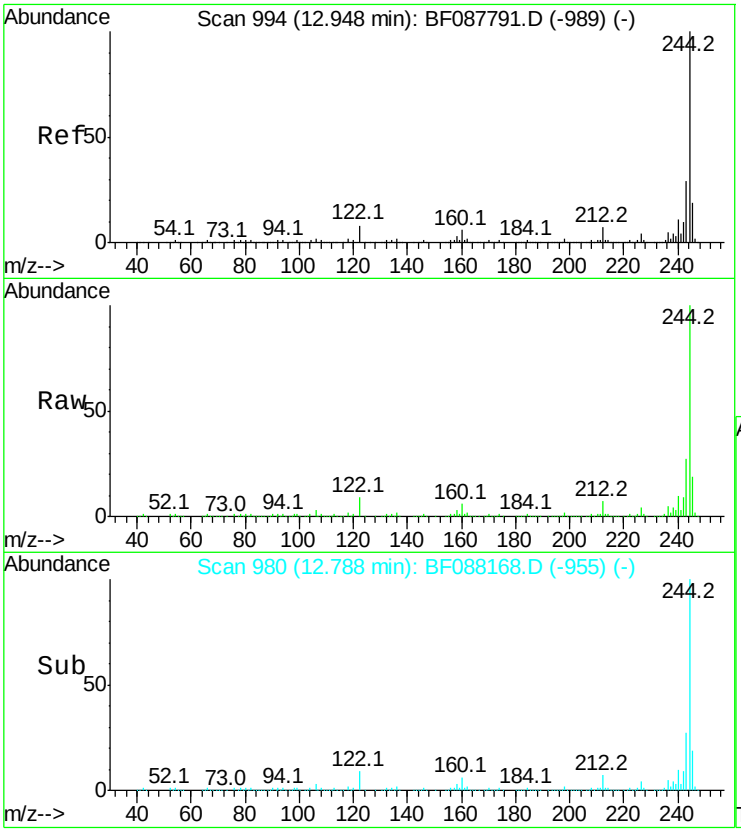


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF088168.D
Acq: 19 Jun 2016 8:07

Tgt Ion:240 Resp: 168958

Ion	Ratio	Lower	Upper
240	100		
120	12.3	6.8	10.2#
236	25.1	20.2	30.2



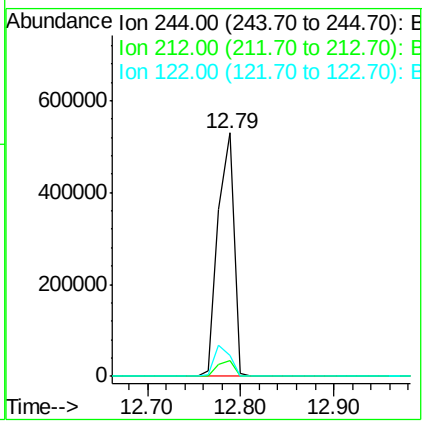


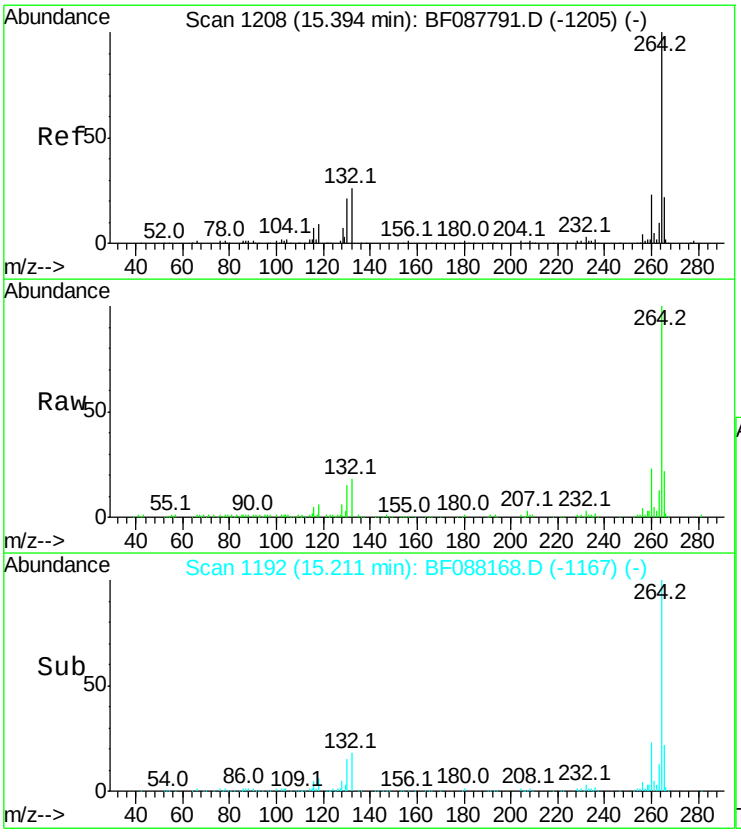
#78
Terphenyl-d14
Concen: 84.56 ng
RT: 12.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF088168.D
Acq: 19 Jun 2016 8:07

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:244 Resp: 627886

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	8.5	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF088168.D
Acq: 19 Jun 2016 8:07

Tgt Ion:264 Resp: 126201

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.7	16.9	25.3