Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
Data File : BF088104.D
Acq On : 17 Jun 2016 20:33
Operator : UM/SJ
Sample : PB91373TB
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91373TB

Quant Time: Jun 18 00:54:06 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	6.70	152	95538	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	367002	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	179892	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	353874	20.00	ng	0.00
75) Chrysene-d12	13.84	240	244698	20.00	ng	-0.01
86) Perylene-d12	15.22	264	185211	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	616320	110.28	ng	0.01
7) Phenol-d6	6.34	99	736767	108.78	ng	-0.01
23) Nitrobenzene-d5	7.27	82	520130	82.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	209194	110.13	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	899262	78.08	ng	-0.01
78) Terphenyl-d14	12.80	244	856622	79.66	ng	0.00
Target Compounds						Qvalue

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

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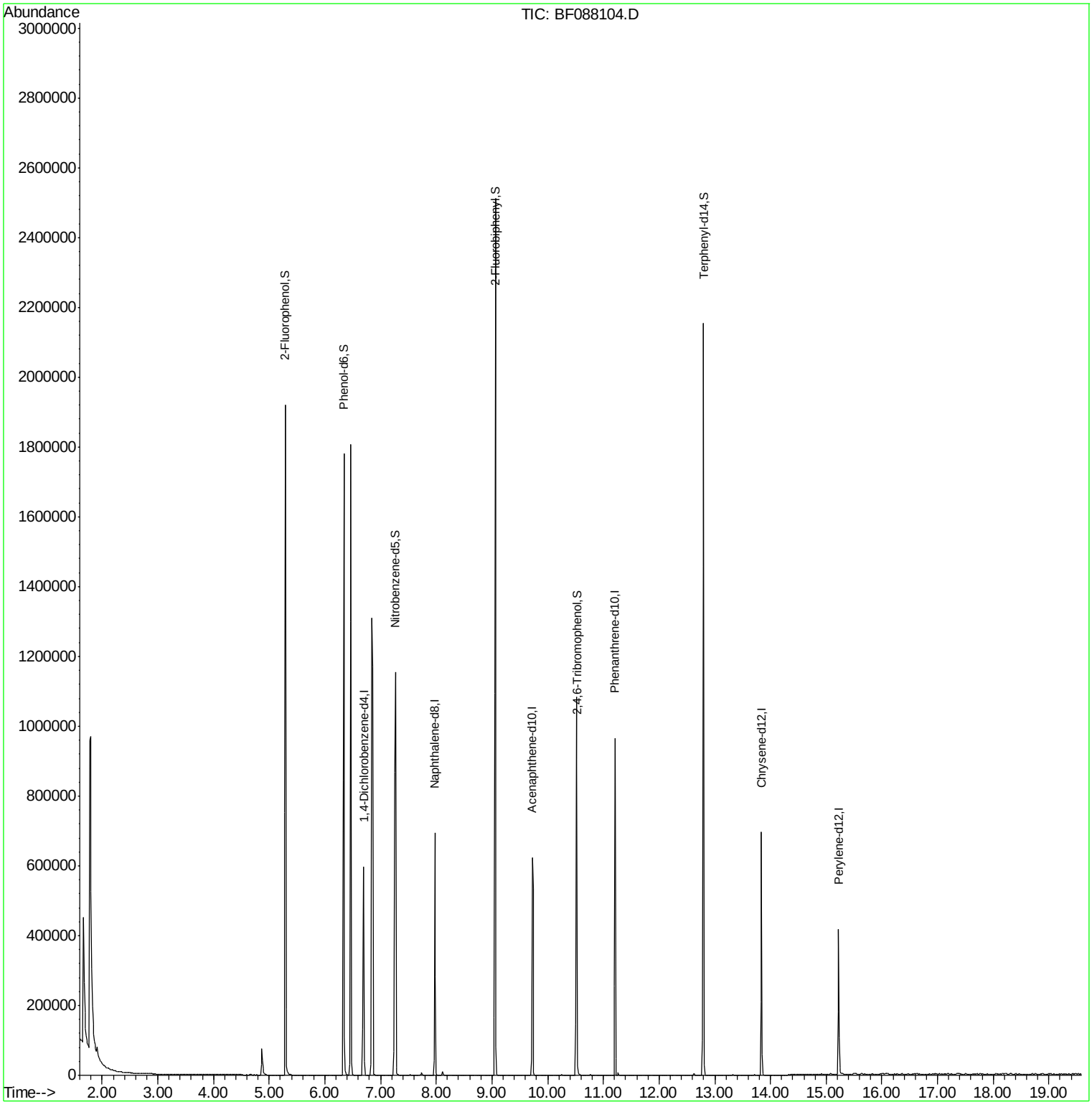
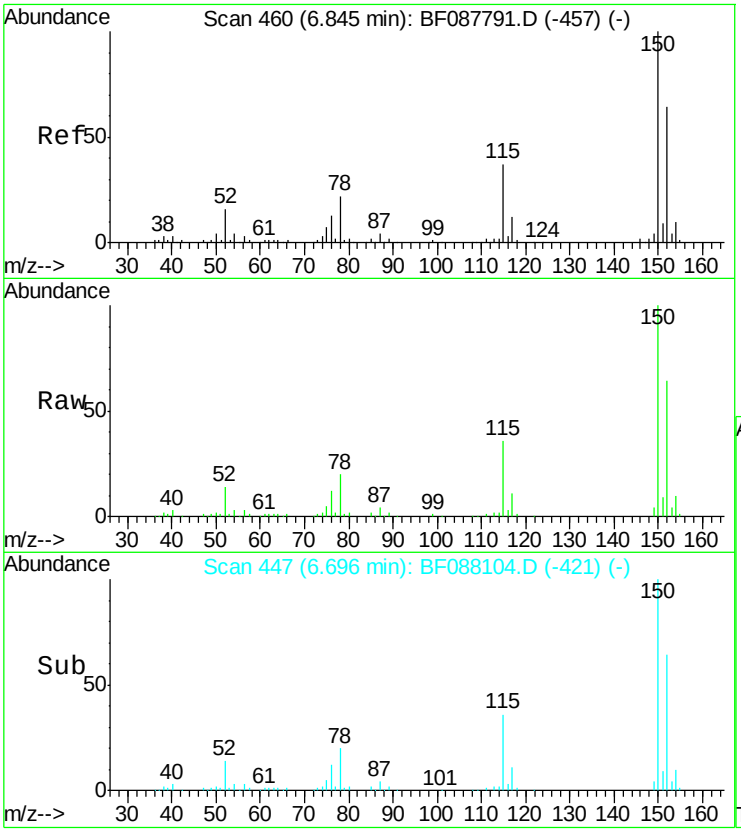


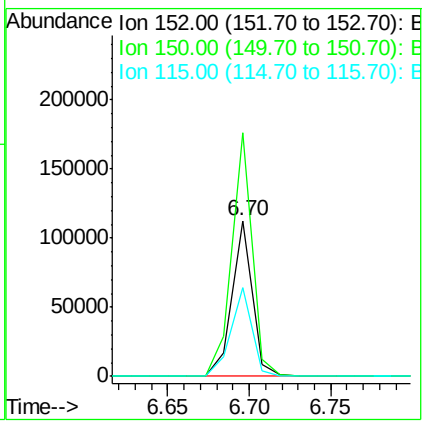


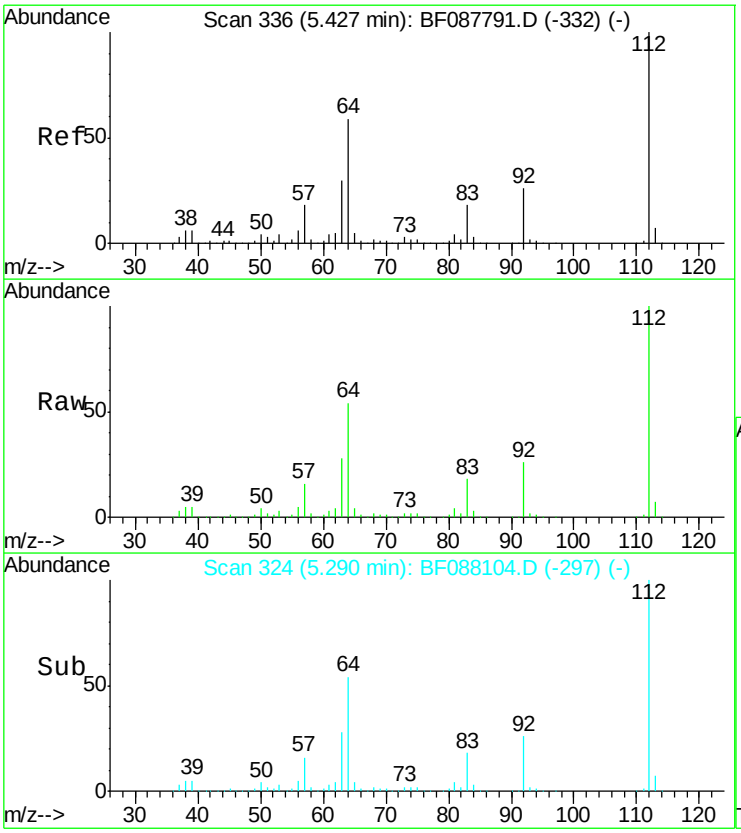
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF088104.D
Acq: 17 Jun 2016 20:33

Instrument :
BNA_F
ClientSampleId :
PB91373TB

Tgt Ion:152 Resp: 95538

Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.8	185.6
115	56.6	39.6	59.4

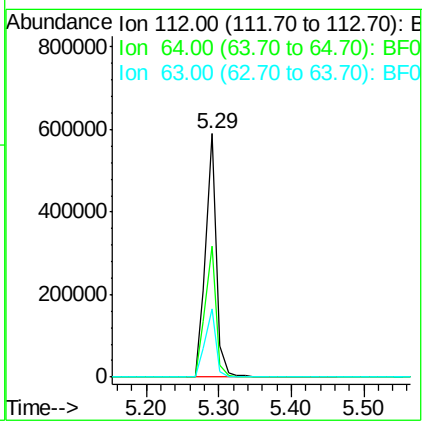


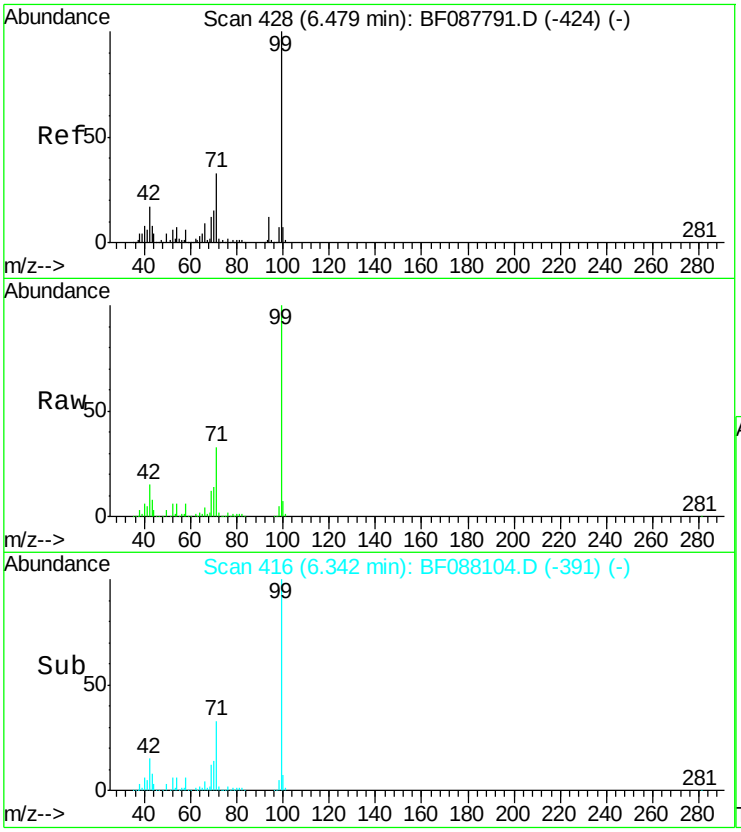


#5
2-Fluorophenol
Concen: 110.28 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.01 min
Lab File: BF088104.D
Acq: 17 Jun 2016 20:33

Tgt Ion:112 Resp: 616320

Ion	Ratio	Lower	Upper
112	100		
64	53.8	42.2	63.2
63	27.9	21.8	32.8



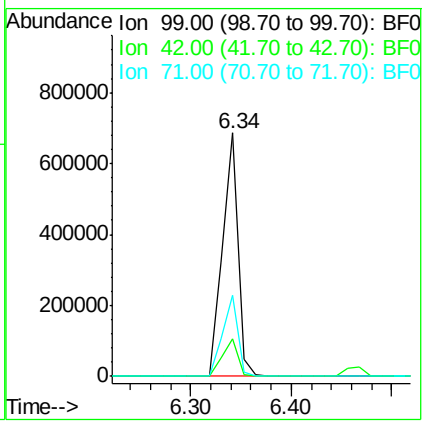


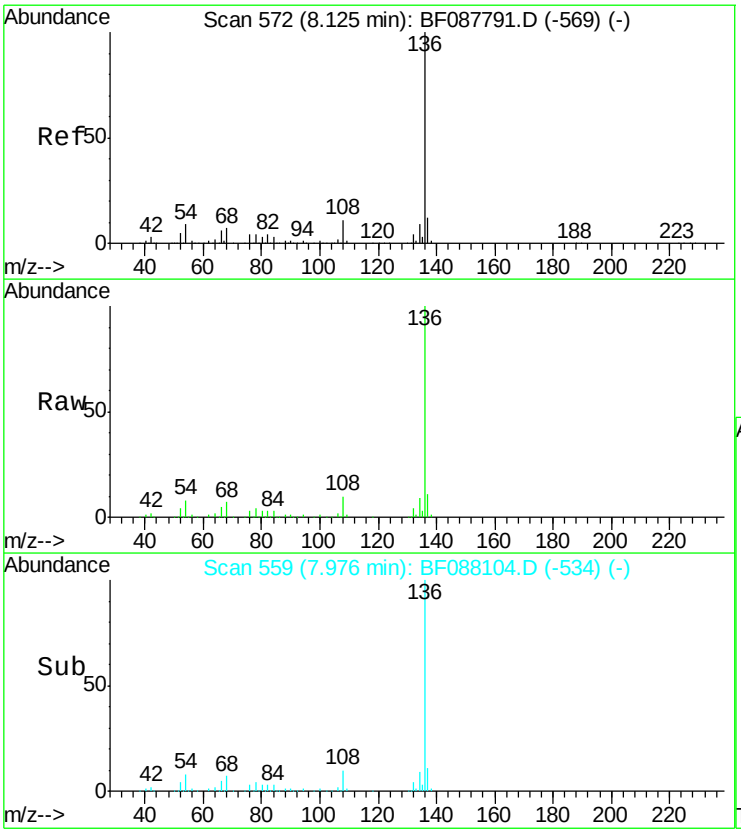
#7
Phenol-d6
Concen: 108.78 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF088104.D
Acq: 17 Jun 2016 20:33

Instrument :
BNA_F
ClientSampleId :
PB91373TB

Tgt Ion: 99 Resp: 736767

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.2	18.2
71	33.1	23.4	35.0

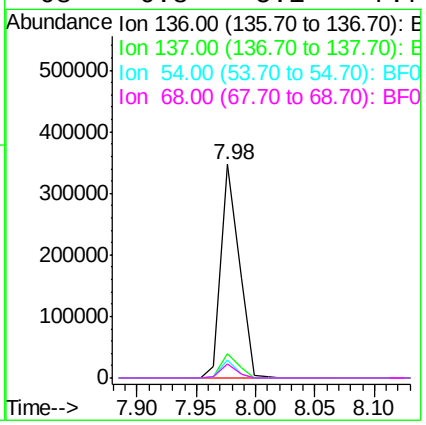


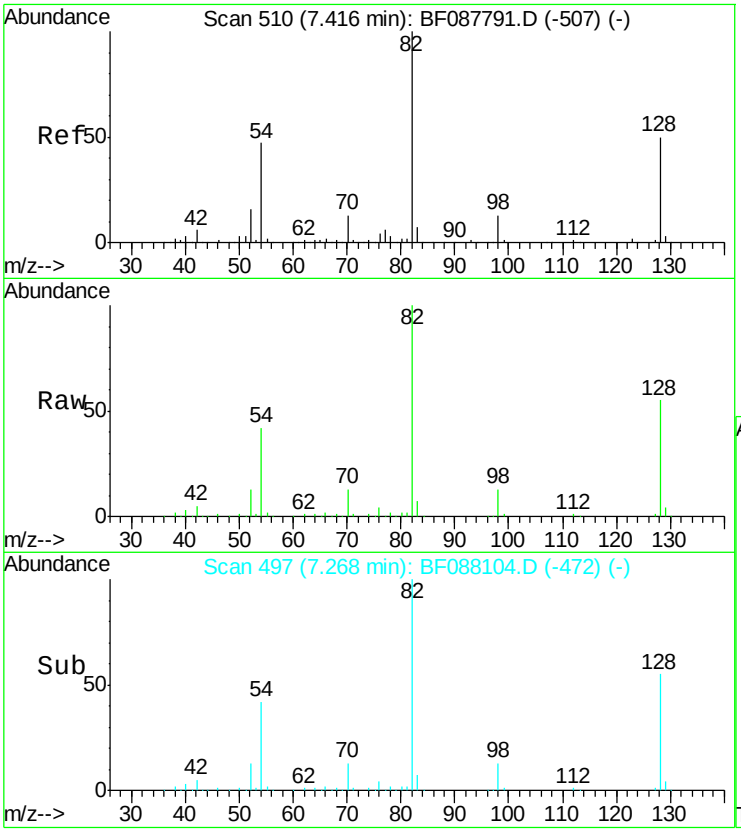


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF088104.D
Acq: 17 Jun 2016 20:33

Tgt Ion:136 Resp: 367002

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.2	6.6	10.0
68	6.8	5.1	7.7



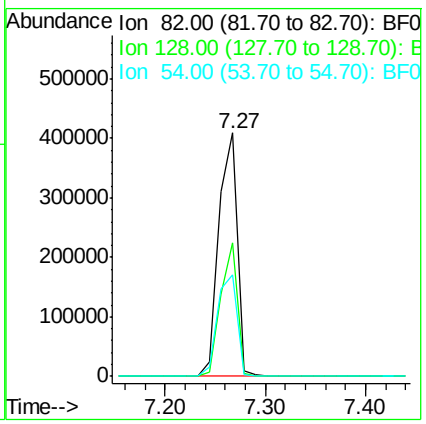


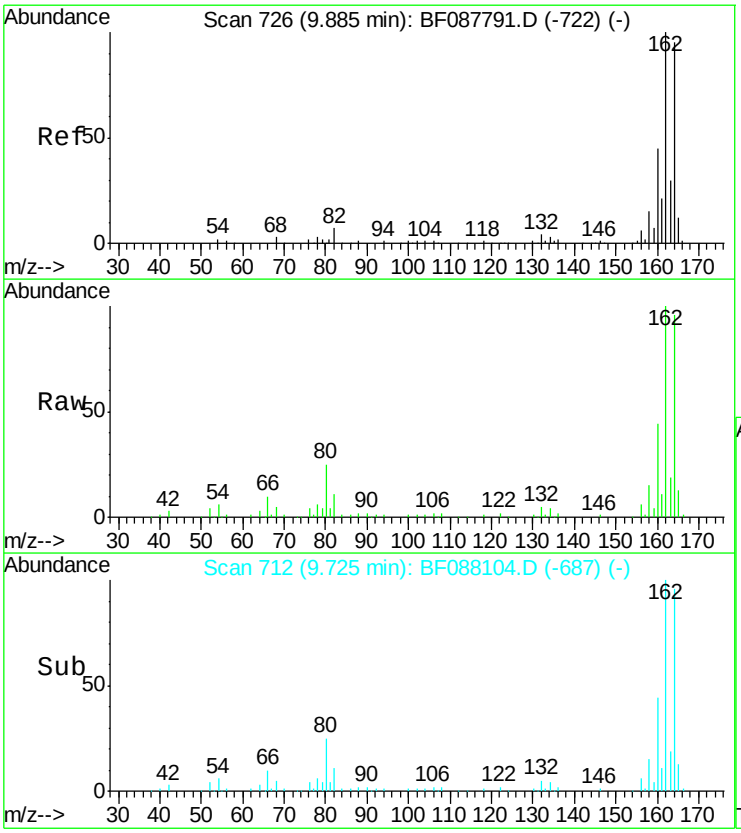
#23
Nitrobenzene-d5
Concen: 82.76 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF088104.D
Acq: 17 Jun 2016 20:33

Instrument :
BNA_F
ClientSampleId :
PB91373TB

Tgt Ion: 82 Resp: 520130

Ion	Ratio	Lower	Upper
82	100		
128	54.7	35.9	53.9#
54	41.9	40.9	61.3

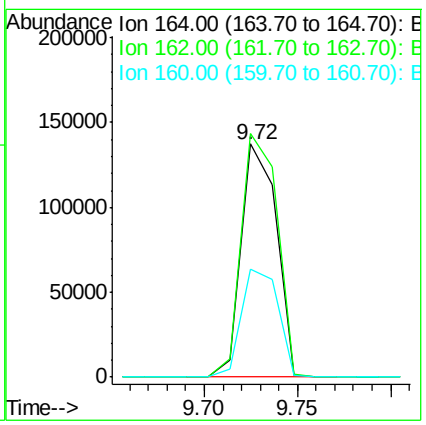


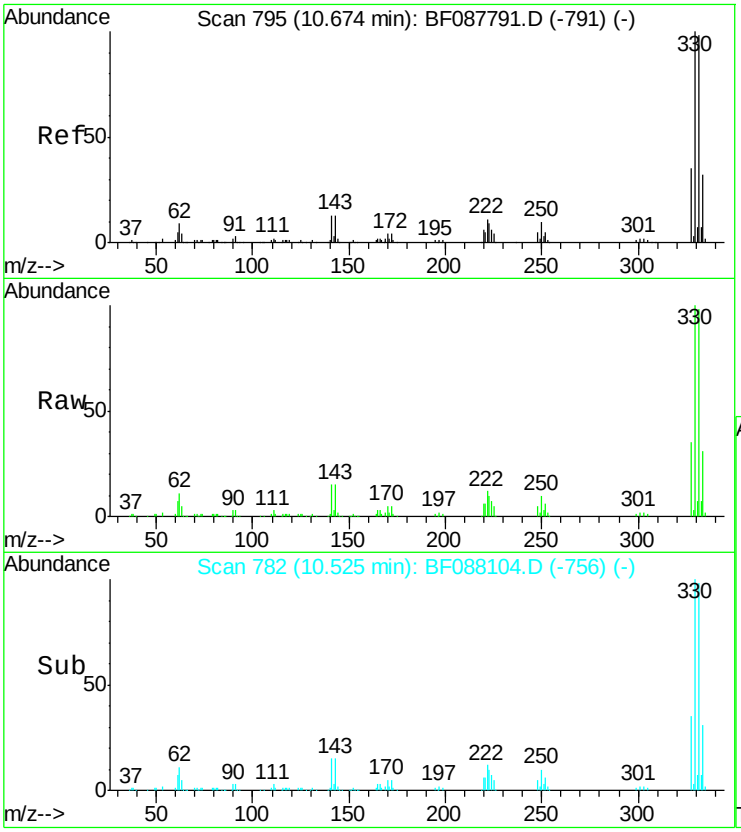


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF088104.D
Acq: 17 Jun 2016 20:33

Tgt Ion:164 Resp: 179892

Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.4	128.2
160	46.4	39.5	59.3



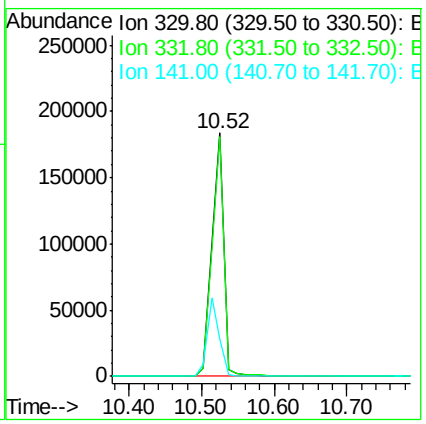


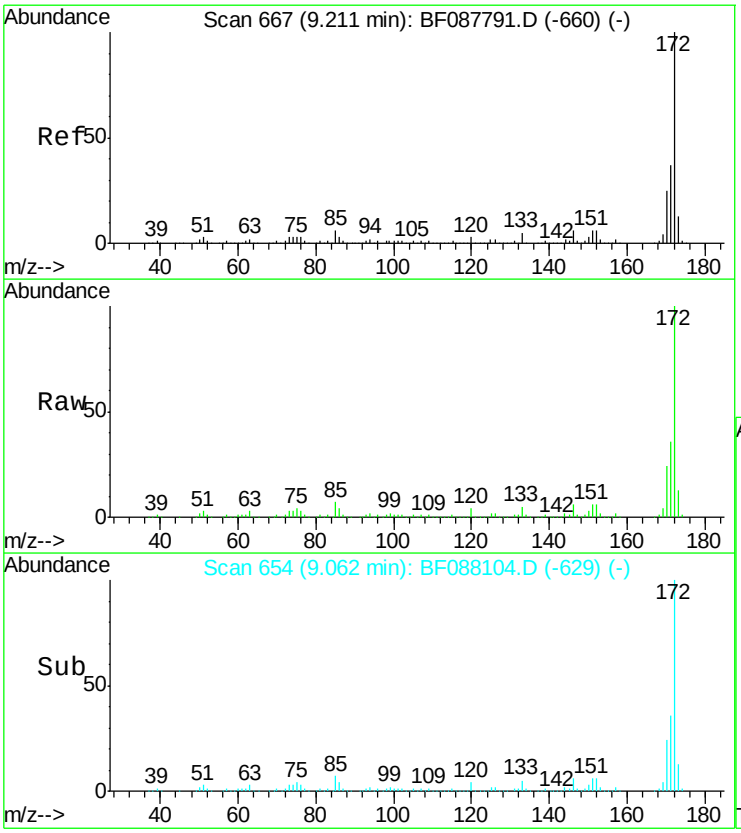
#41
2,4,6-Tribromophenol
Concen: 110.13 ng
RT: 10.52 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF088104.D
Acq: 17 Jun 2016 20:33

Instrument :
BNA_F
ClientSampleId :
PB91373TB

Tgt Ion:330 Resp: 209194

Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	32.6	0.0	0.0#

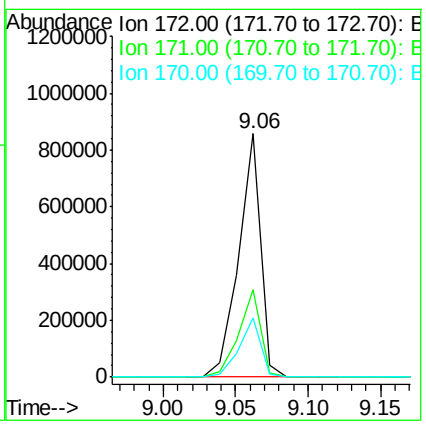


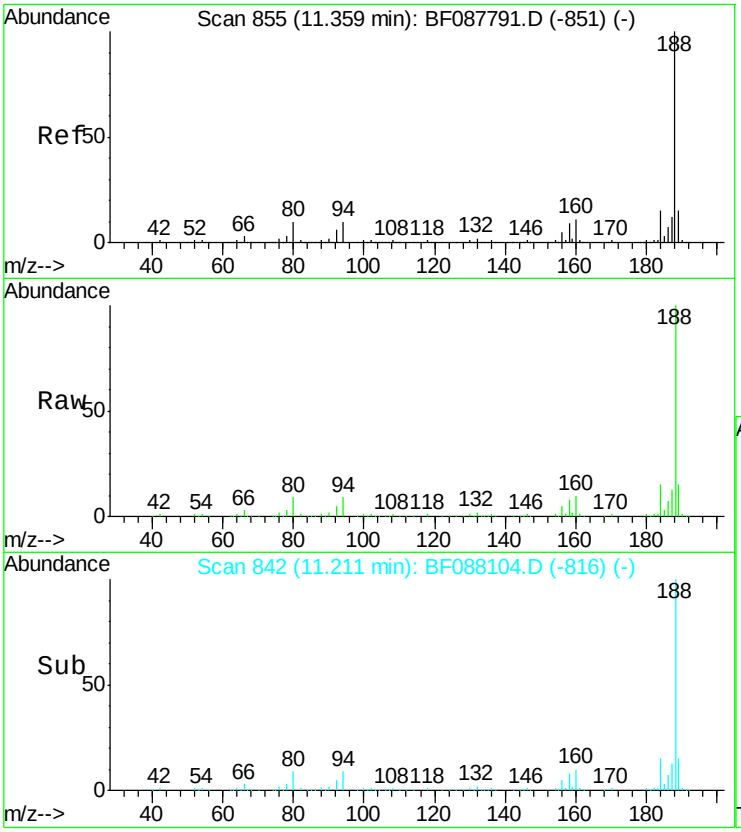


#44
2-Fluorobiphenyl
Concen: 78.08 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF088104.D
Acq: 17 Jun 2016 20:33

Tgt Ion:172 Resp: 899262

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.2	19.2	28.8



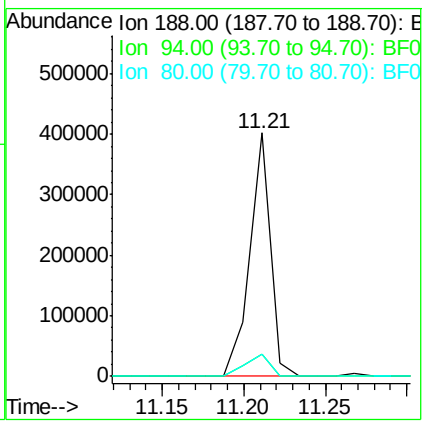


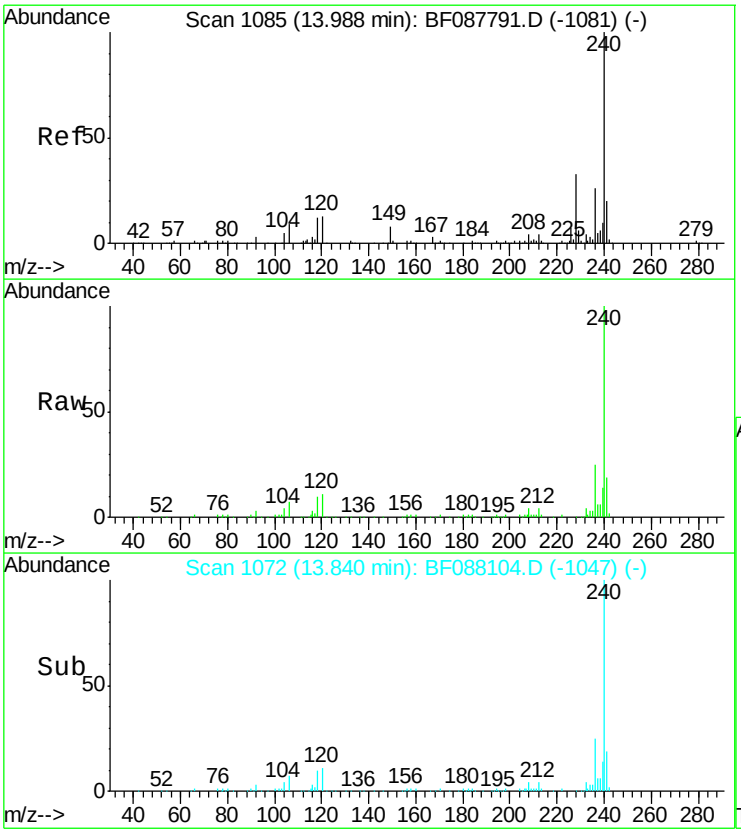
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF088104.D
Acq: 17 Jun 2016 20:33

Instrument :
BNA_F
ClientSampleId :
PB91373TB

Tgt Ion:188 Resp: 353874

Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.0	13.6
80	9.3	10.0	15.0#

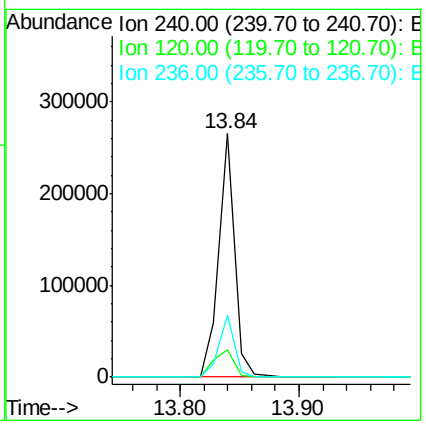


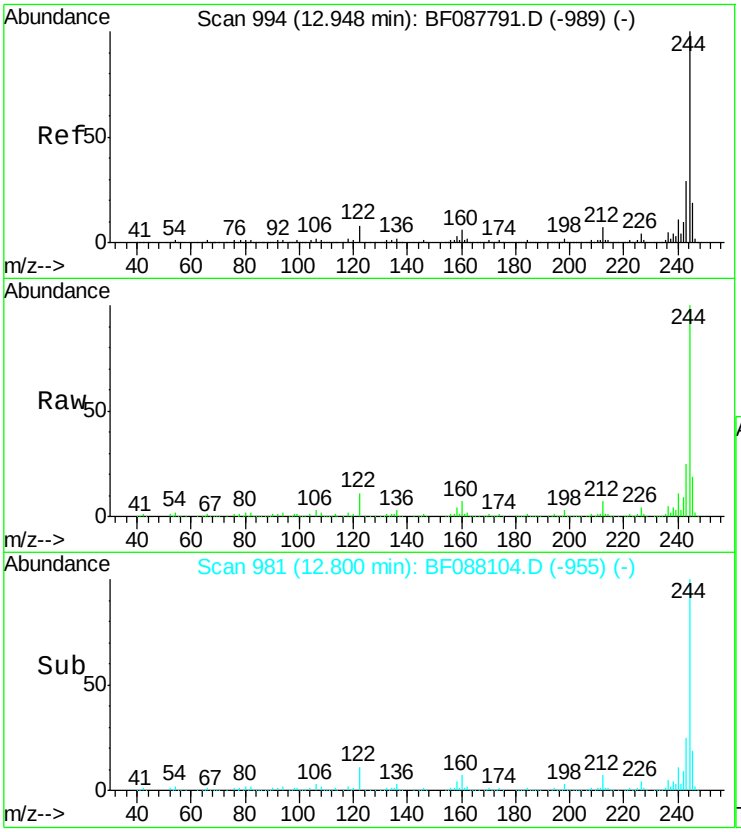


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088104.D
Acq: 17 Jun 2016 20:33

Tgt Ion:240 Resp: 244698

Ion	Ratio	Lower	Upper
240	100		
120	11.4	6.8	10.2#
236	25.5	20.2	30.2



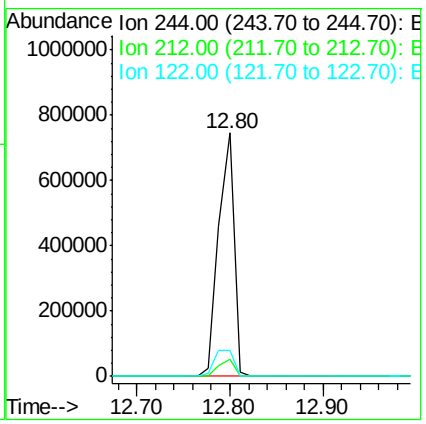


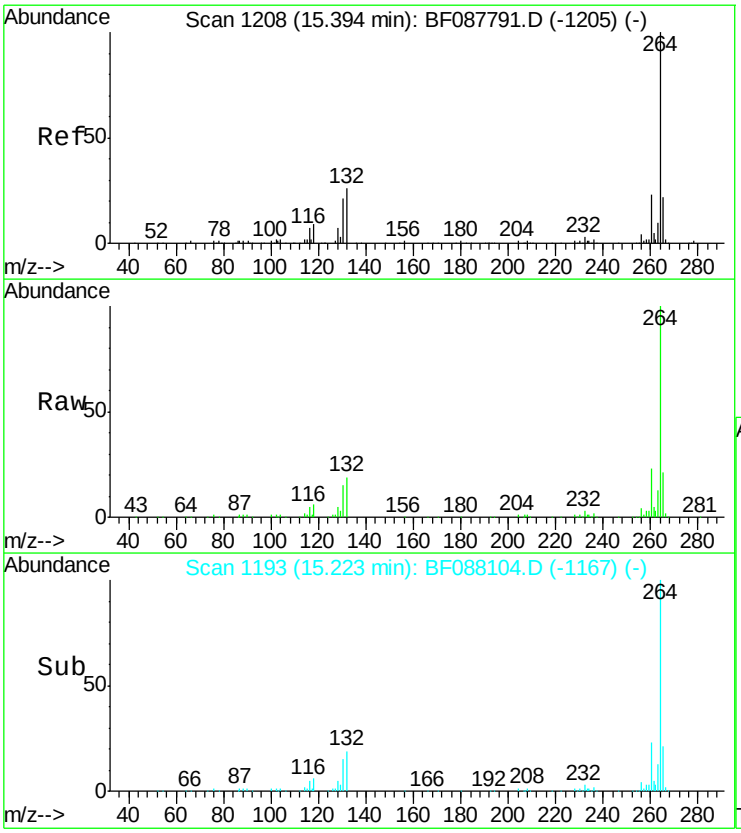
#78
Terphenyl-d14
Concen: 79.66 ng
RT: 12.80 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF088104.D
Acq: 17 Jun 2016 20:33

Instrument :
BNA_F
ClientSampleId :
PB91373TB

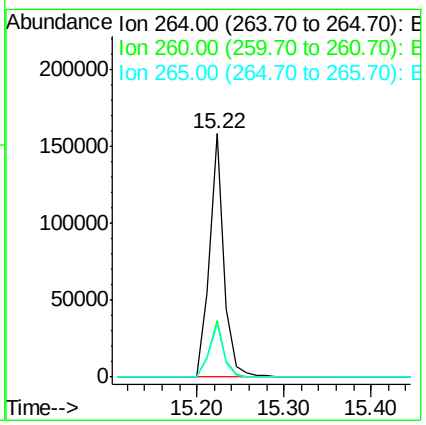
Tgt Ion:244 Resp: 856622

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	10.6	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF088104.D
Acq: 17 Jun 2016 20:33

Tgt Ion:264 Resp: 185211

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.5	16.9	25.3