Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
Data File : BF092954.D
Acq On : 15 Feb 2017 16:46
Operator : SJ/MA
Sample : PB96953BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB96953BL

Quant Time: Feb 15 17:54:36 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	141027	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	615266	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	328484	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	576163	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	489739	20.00	ng	-0.02
86) Perylene-d12	15.46	264	430101	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1259274	153.19	ng	0.00
7) Phenol-d6	6.51	99	1366272	129.18	ng	-0.02
23) Nitrobenzene-d5	7.44	82	854063	77.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	349467	147.09	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1529557	84.36	ng	-0.01
78) Terphenyl-d14	12.98	244	1443395	69.25	ng	-0.01

Target Compounds	Qvalue

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

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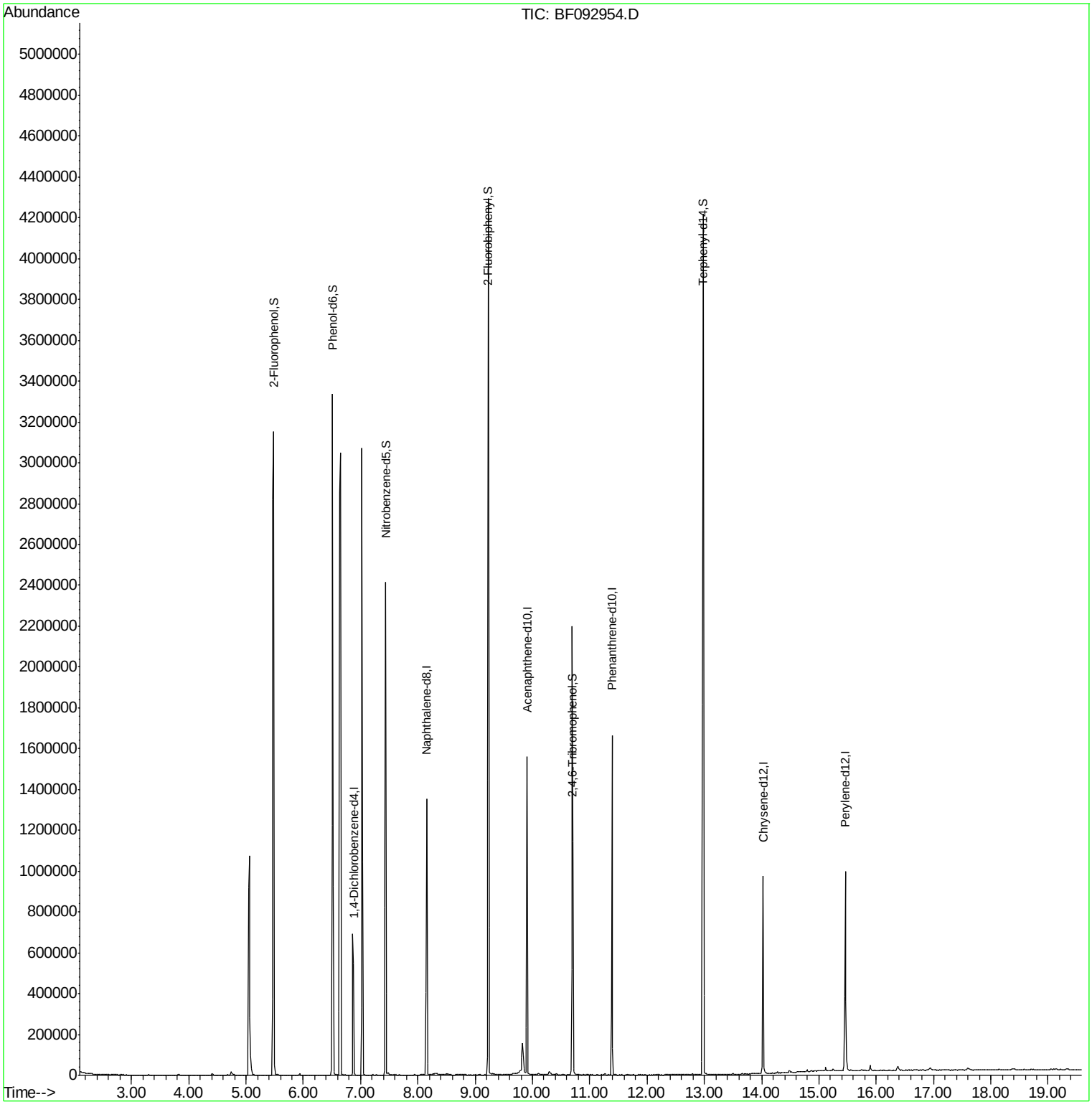
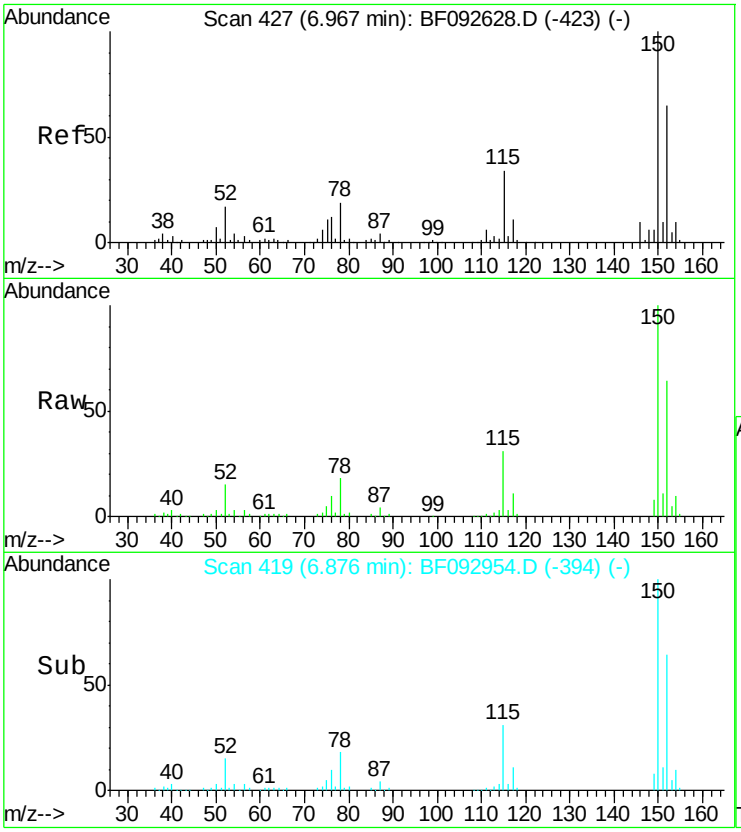


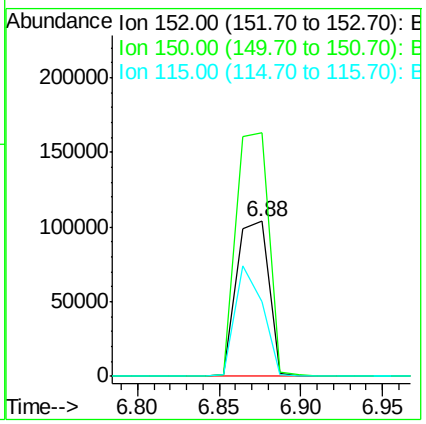


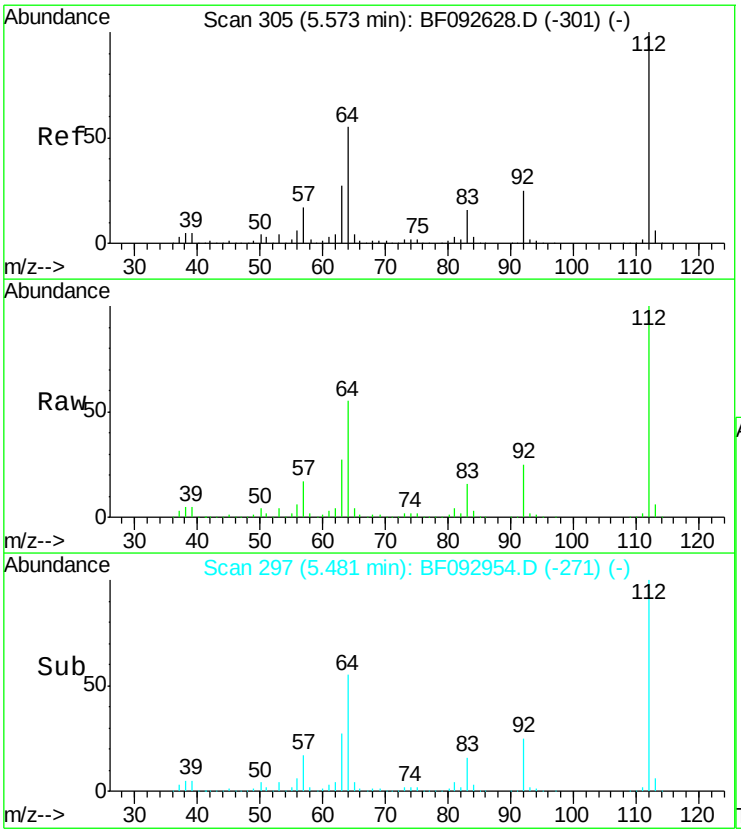
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092954.D
Acq: 15 Feb 2017 16:46

Instrument :
BNA_F
ClientSampleId :
PB96953BL

Tgt Ion:152 Resp: 141027

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.9	187.3
115	48.5	46.0	69.0

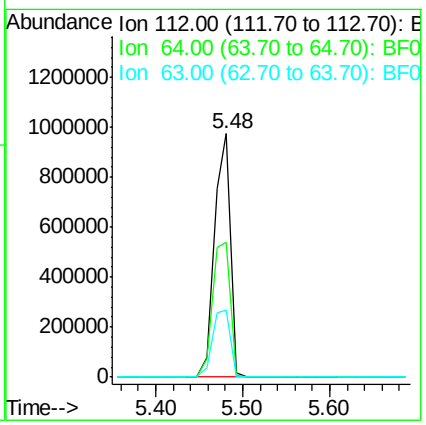


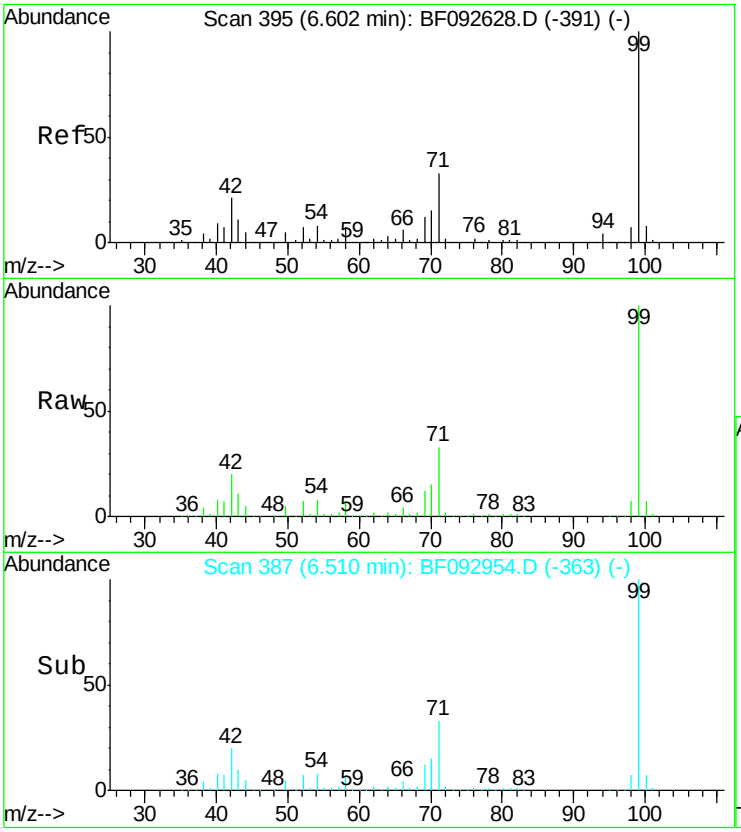


#5
2-Fluorophenol
Concen: 153.19 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.00 min
Lab File: BF092954.D
Acq: 15 Feb 2017 16:46

Tgt Ion:112 Resp: 1259274

Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.1	69.1
63	27.3	23.8	35.6



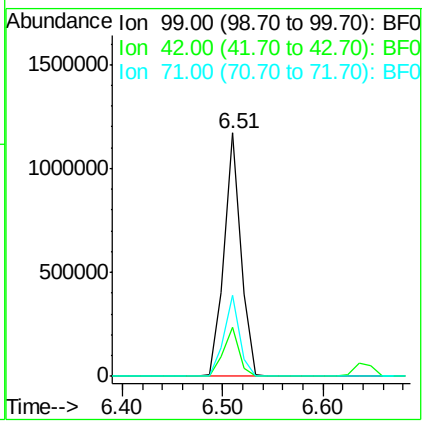


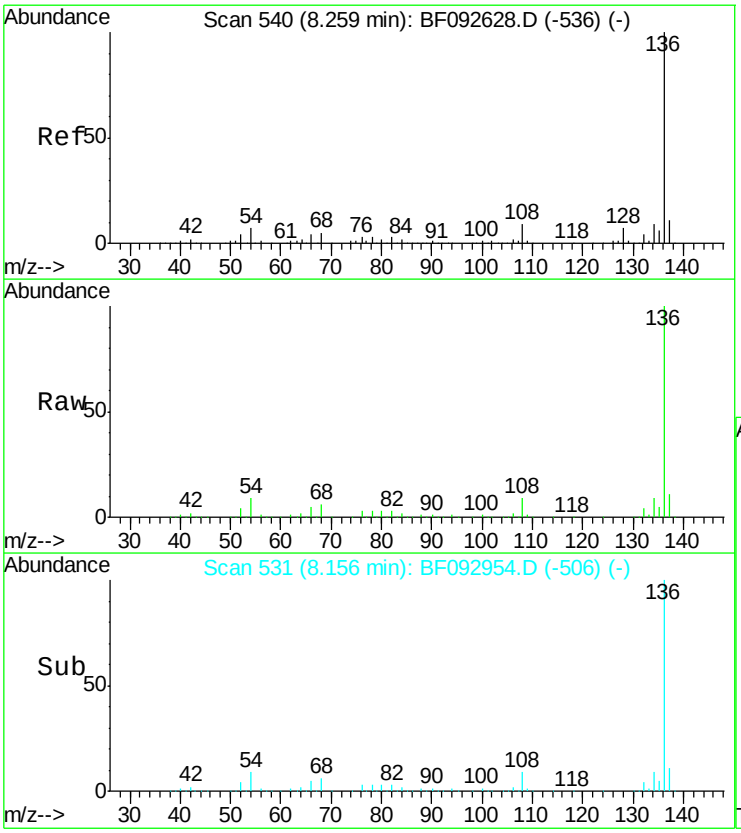
#7
Phenol-d6
Concen: 129.18 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.02 min
Lab File: BF092954.D
Acq: 15 Feb 2017 16:46

Instrument :
BNA_F
ClientSampleId :
PB96953BL

Tgt Ion: 99 Resp: 1366272

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.6	23.4
71	33.1	27.5	41.3

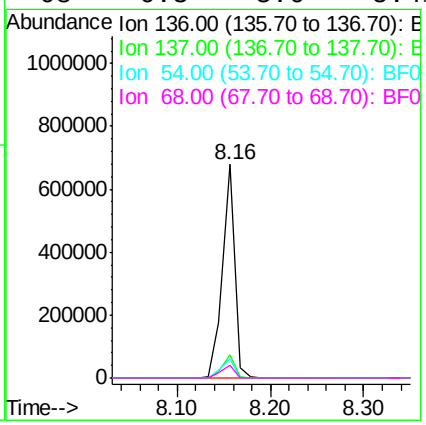


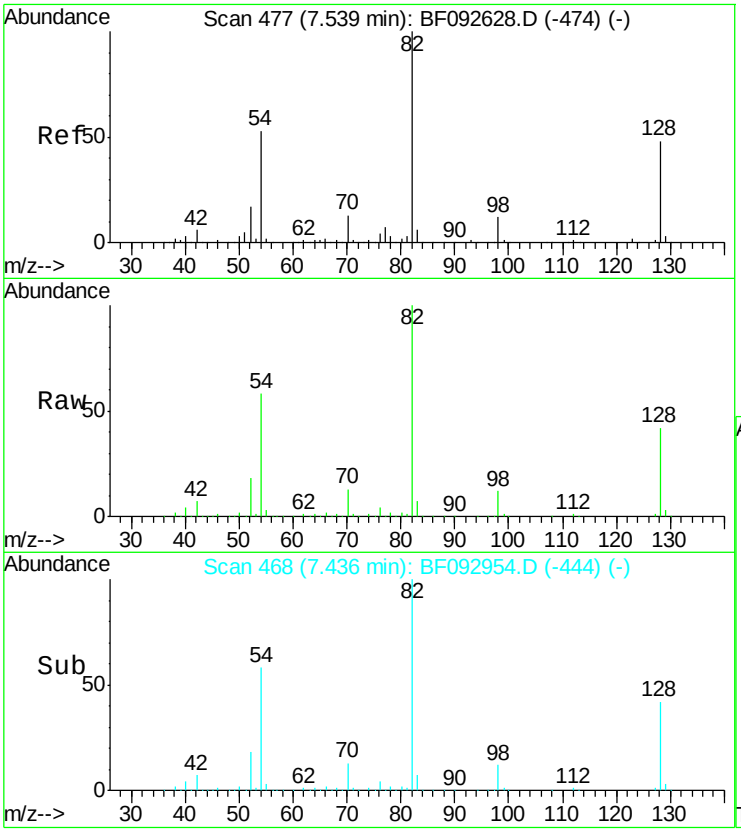


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092954.D
Acq: 15 Feb 2017 16:46

Tgt Ion:136 Resp: 615266

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.0	4.5	6.7#
68	6.3	3.6	5.4#



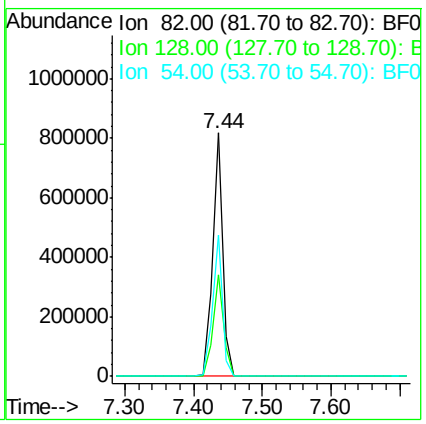


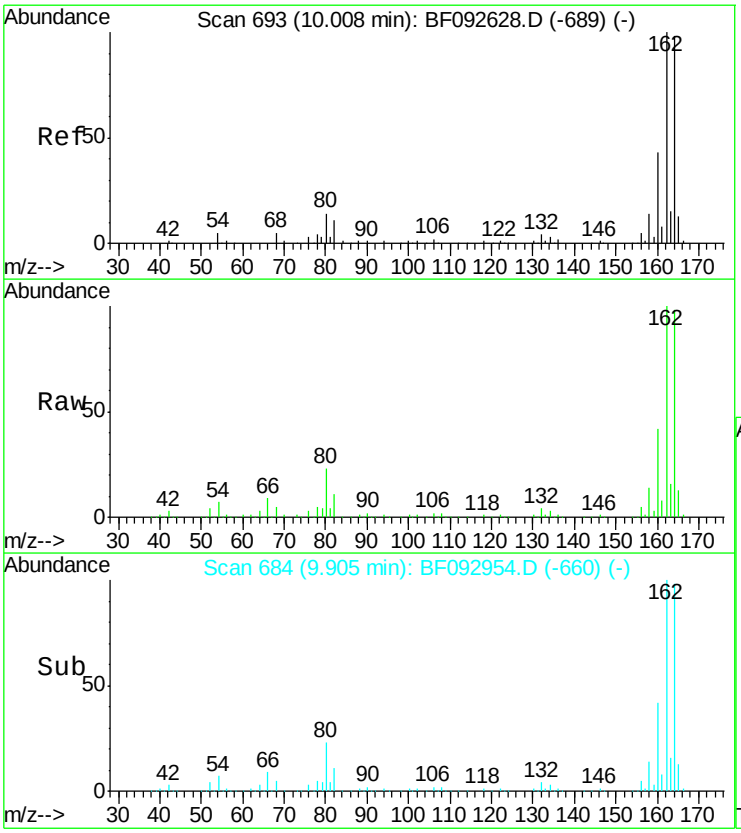
#23
Nitrobenzene-d5
Concen: 77.30 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF092954.D
Acq: 15 Feb 2017 16:46

Instrument :
BNA_F
ClientSampleId :
PB96953BL

Tgt Ion: 82 Resp: 854063

Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	52.0
54	58.0	39.5	59.3

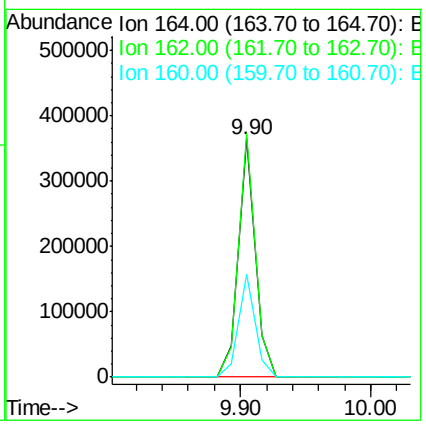


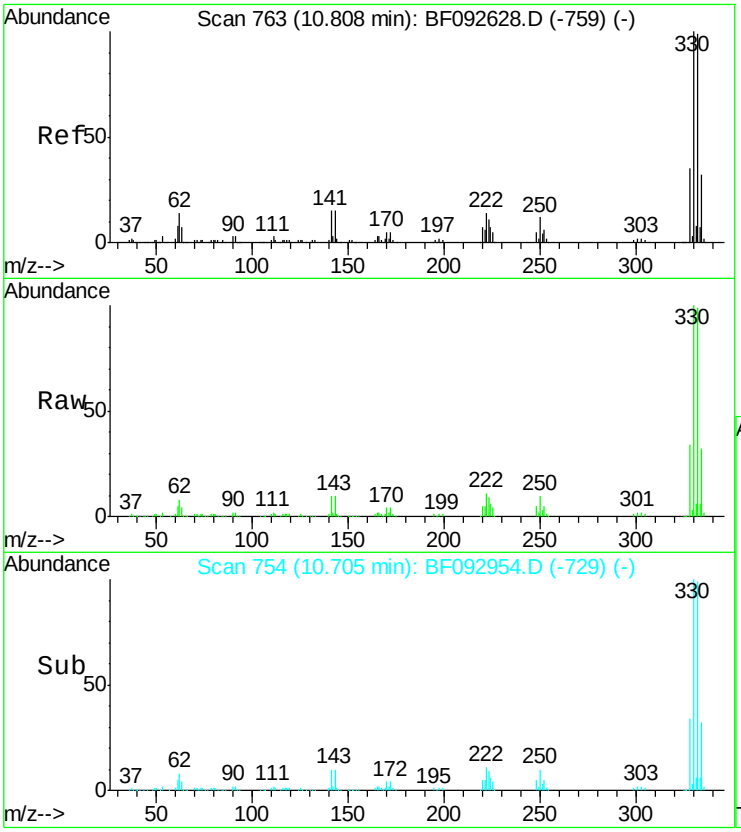


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF092954.D
Acq: 15 Feb 2017 16:46

Tgt Ion:164 Resp: 328484

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.2	120.2
160	43.3	36.9	55.3



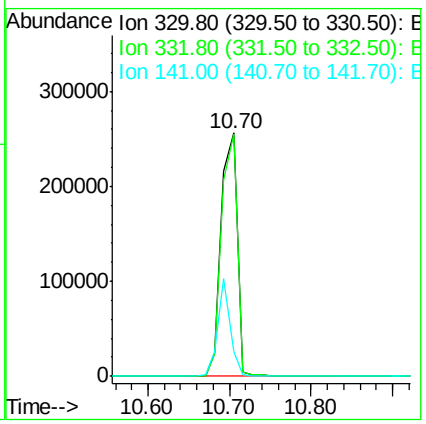


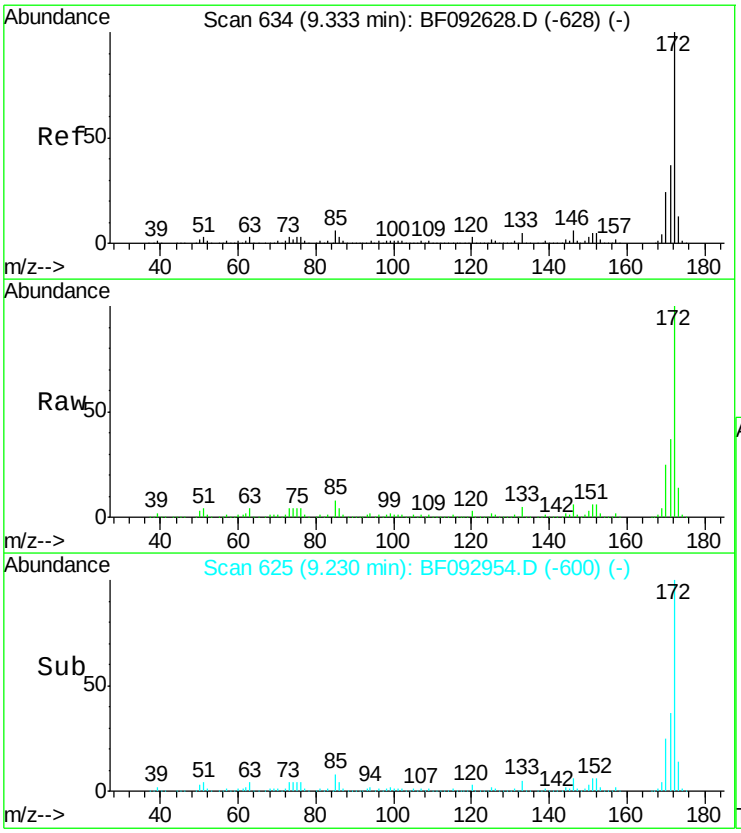
#41
2,4,6-Tribromophenol
Concen: 147.09 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF092954.D
Acq: 15 Feb 2017 16:46

Instrument :
BNA_F
ClientSampleId :
PB96953BL

Tgt Ion:330 Resp: 349467

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	31.2	34.1	51.1#

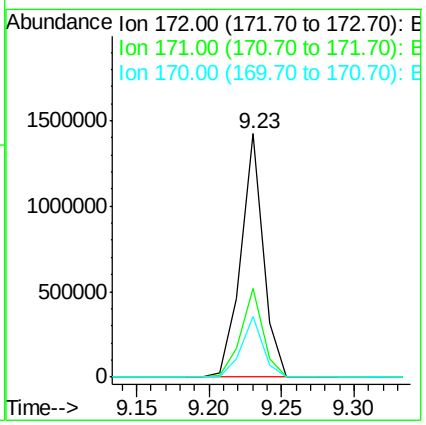


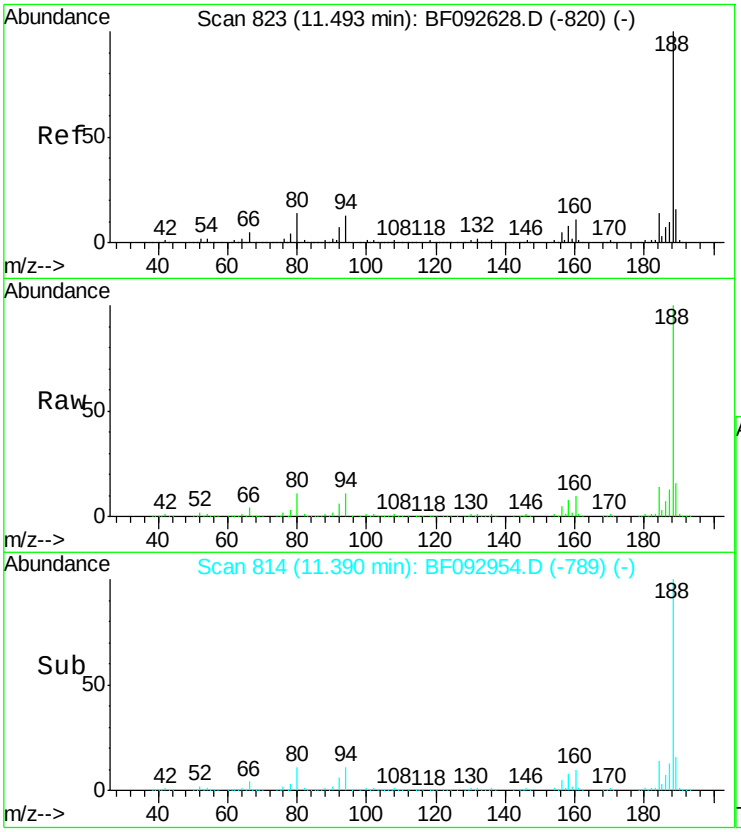


#44
2-Fluorobiphenyl
Concen: 84.36 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF092954.D
Acq: 15 Feb 2017 16:46

Tgt Ion:172 Resp: 1529557

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.7	20.2	30.4



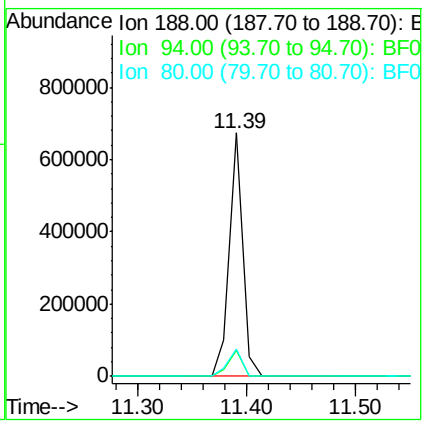


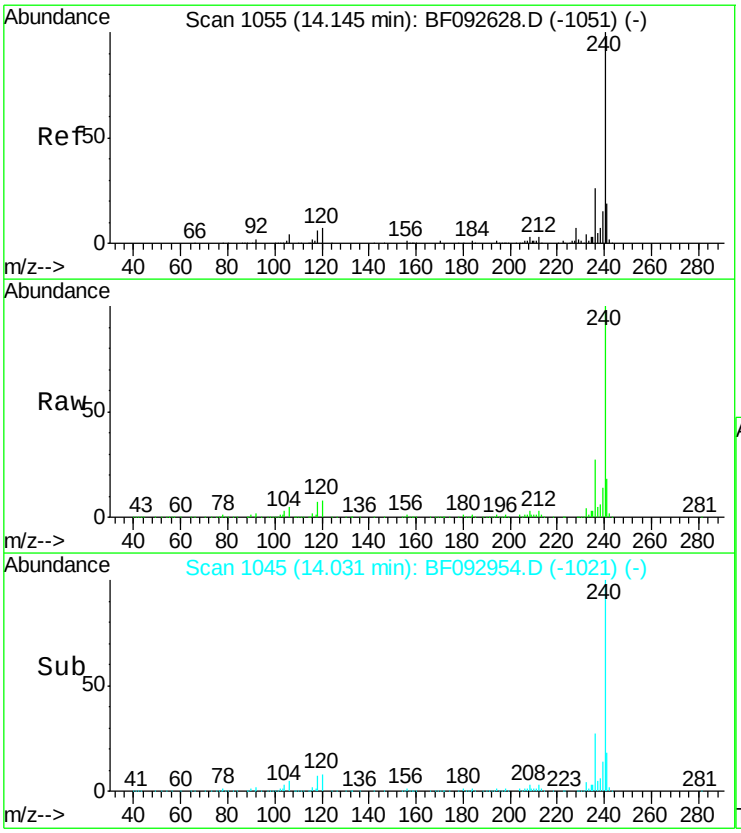
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092954.D
Acq: 15 Feb 2017 16:46

Instrument :
BNA_F
ClientSampleId :
PB96953BL

Tgt Ion:188 Resp: 576163

Ion	Ratio	Lower	Upper
188	100		
94	10.6	10.0	15.0
80	11.1	11.2	16.8#

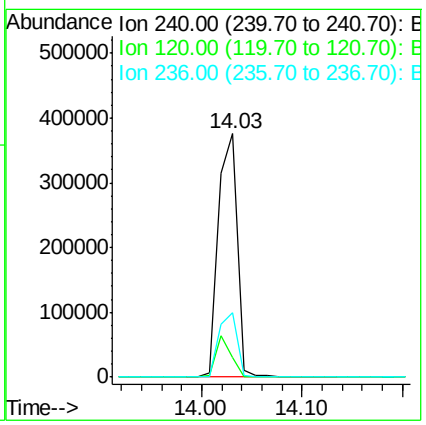


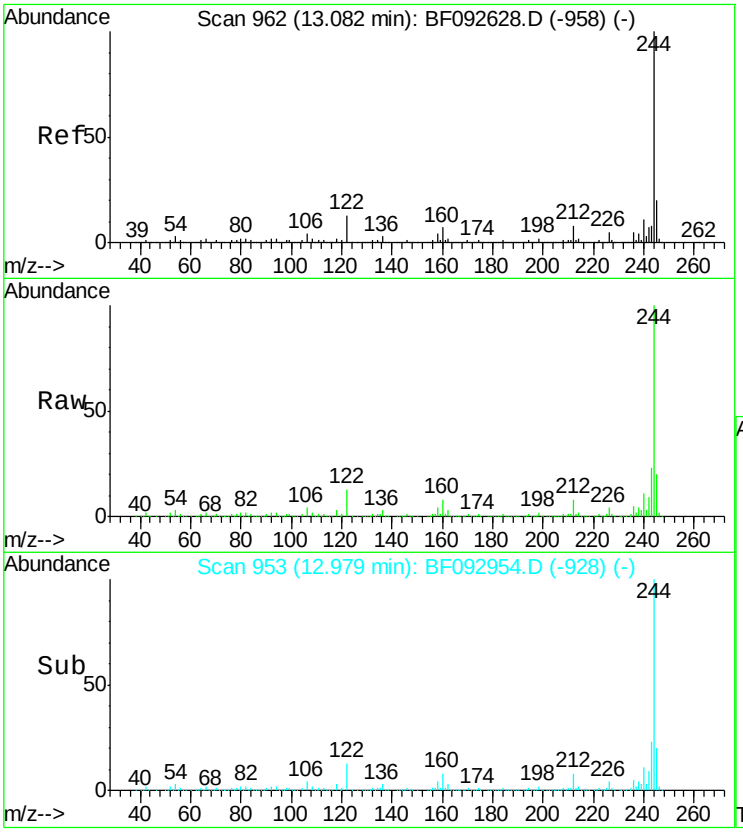


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF092954.D
Acq: 15 Feb 2017 16:46

Tgt Ion:240 Resp: 489739

Ion	Ratio	Lower	Upper
240	100		
120	8.3	12.9	19.3#
236	26.6	20.9	31.3



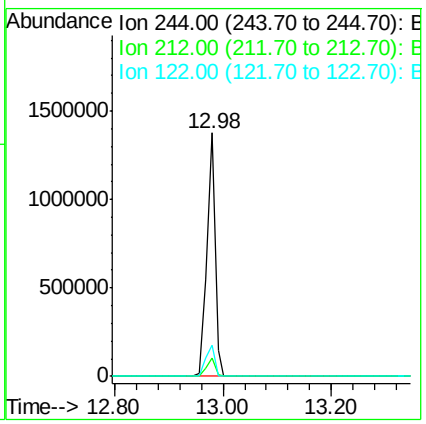


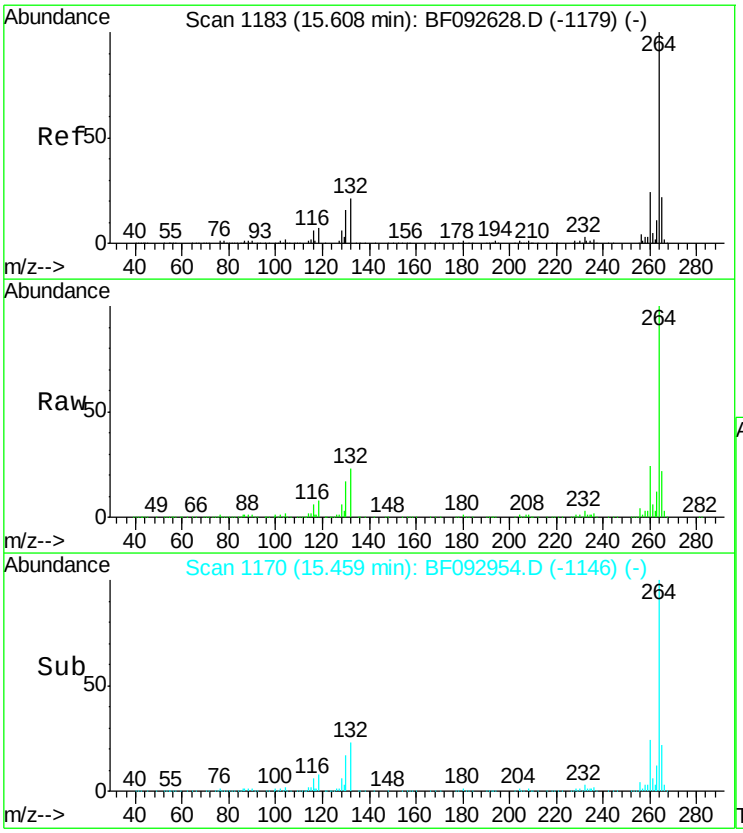
#78
Terphenyl-d14
Concen: 69.25 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF092954.D
Acq: 15 Feb 2017 16:46

Instrument :
BNA_F
ClientSampleId :
PB96953BL

Tgt Ion:244 Resp: 1443395

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	12.8	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092954.D
Acq: 15 Feb 2017 16:46

Tgt Ion:264 Resp: 430101

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.9	17.4	26.0