Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079607.D
Acq On : 30 May 2015 17:16
Operator : TP/IZ
Sample : G2420-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PENRD8.7(5)

Quant Time: May 31 07:14:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 17:35:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	62702	20.00	ng	-0.02
21) Naphthalene-d8	8.51	136	254118	20.00	ng	-0.02
38) Acenaphthene-d10	10.67	164	119625	20.00	ng	-0.03
63) Phenanthrene-d10	12.50	188	219996	20.00	ng	-0.03
75) Chrysene-d12	15.78	240	237497	20.00	ng	-0.06
86) Perylene-d12	17.51	264	245701	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	376037	104.02	ng	-0.02
7) Phenol-d6	6.54	99	509963	110.67	ng	-0.02
23) Nitrobenzene-d5	7.63	82	280579	63.83	ng	-0.03
41) 2,4,6-Tribromophenol	11.66	330	139121	105.88	ng	-0.03
44) 2-Fluorobiphenyl	9.86	172	583943	69.64	ng	-0.02
78) Terphenyl-d14	14.50	244	647138	63.95	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	10.38	163	48989	5.56	ng	98

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

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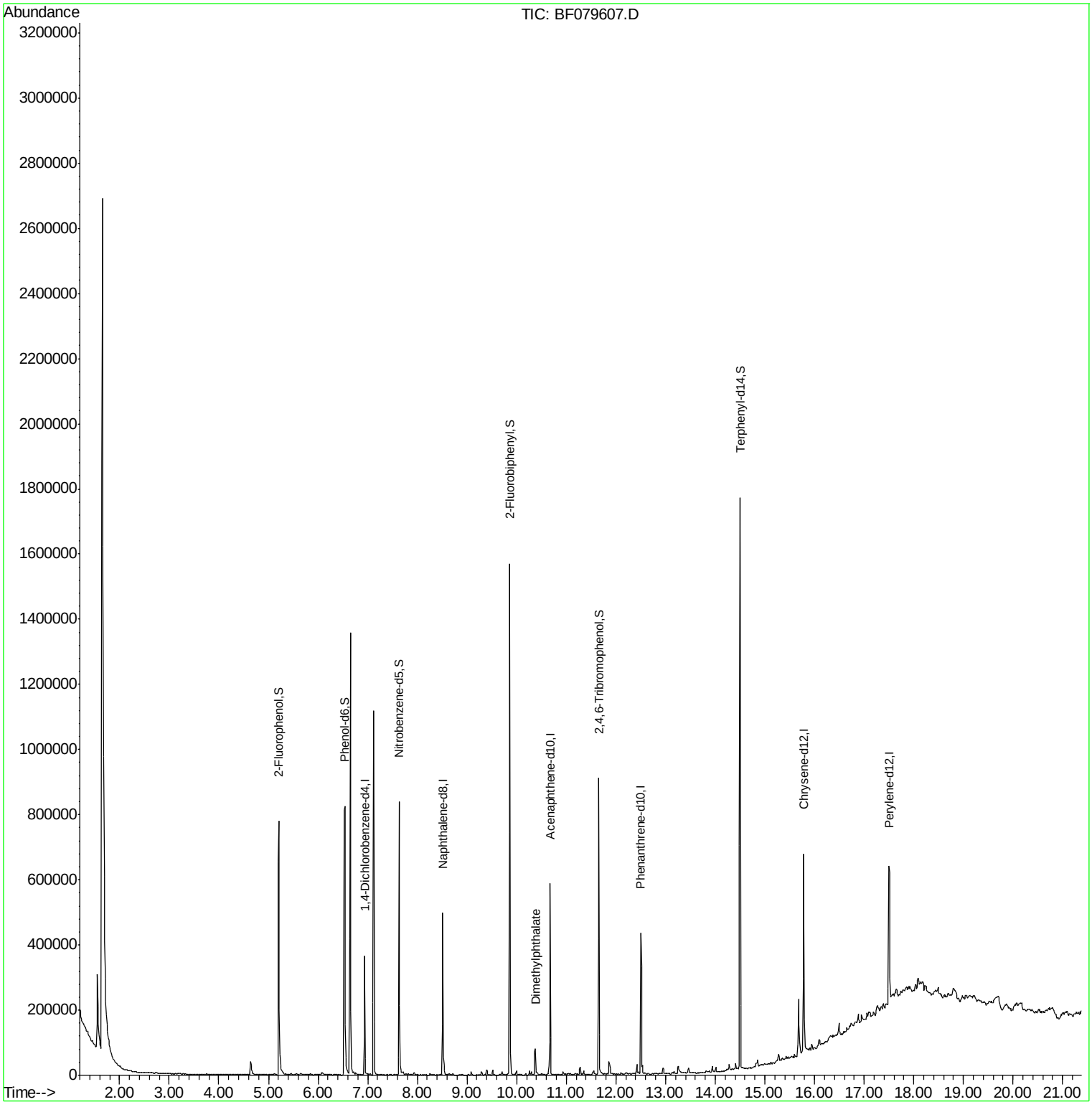
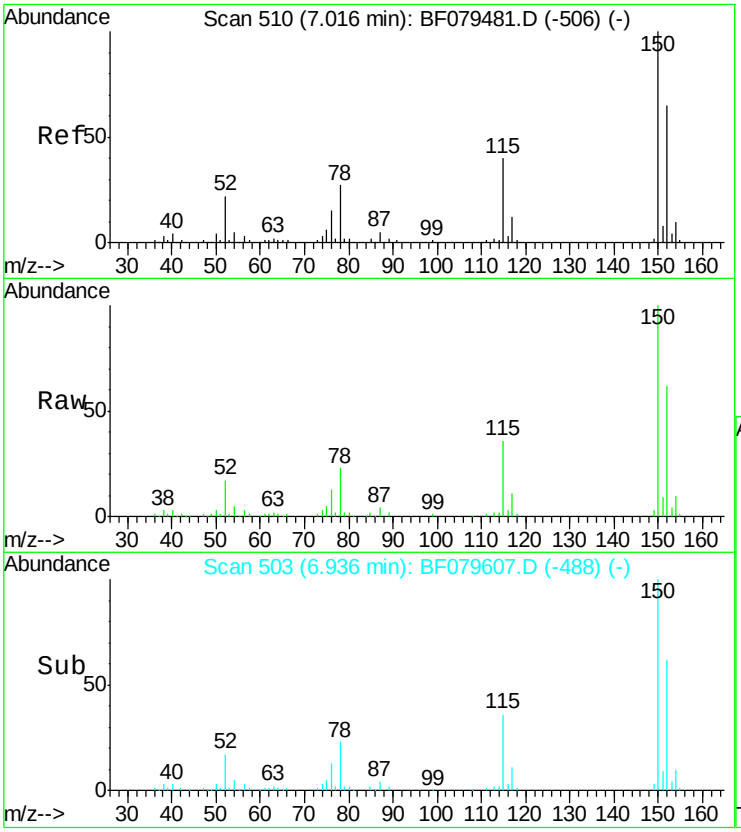


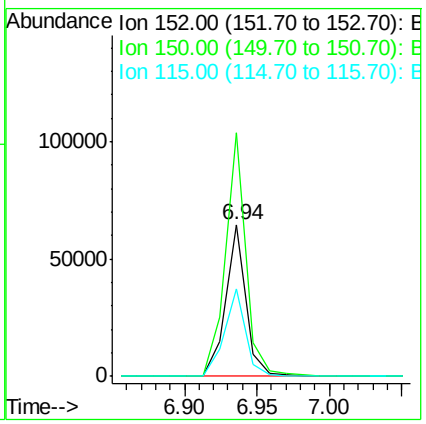


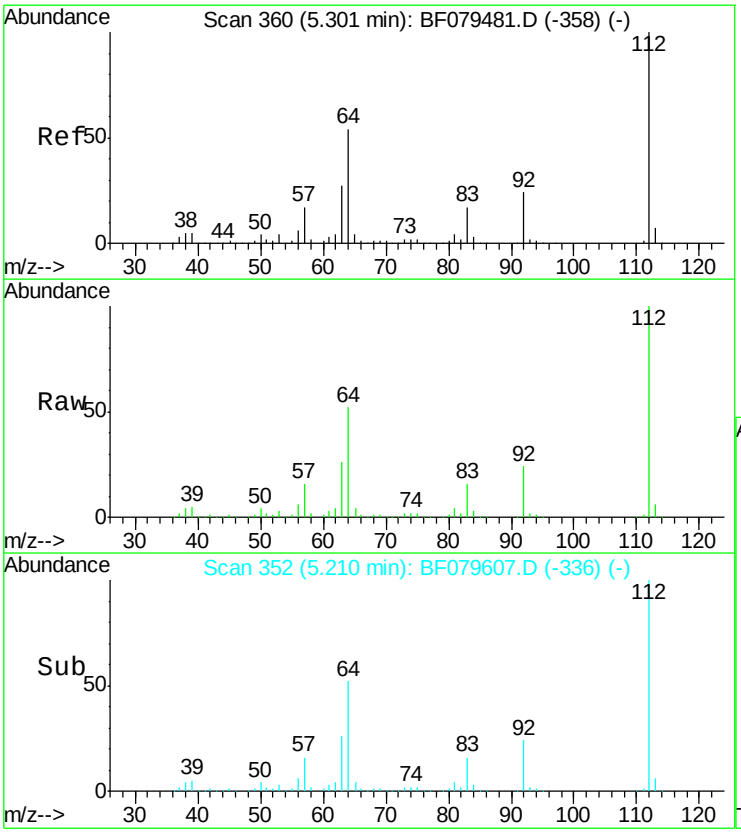
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 503
Delta R.T. -0.02 min
Lab File: BF079607.D
Acq: 30 May 2015 17:16

Instrument :
BNA_F
ClientSampleId :
PENRD8.7(5)

Tgt Ion:152 Resp: 62702

Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.0	186.0
115	57.6	49.6	74.4

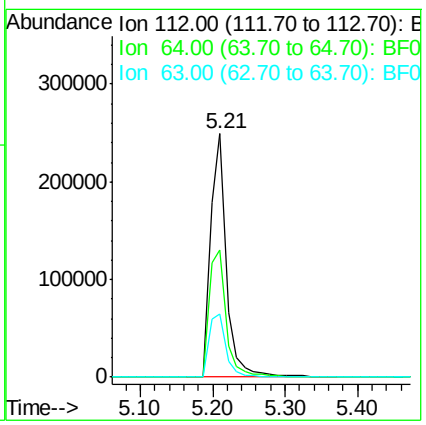


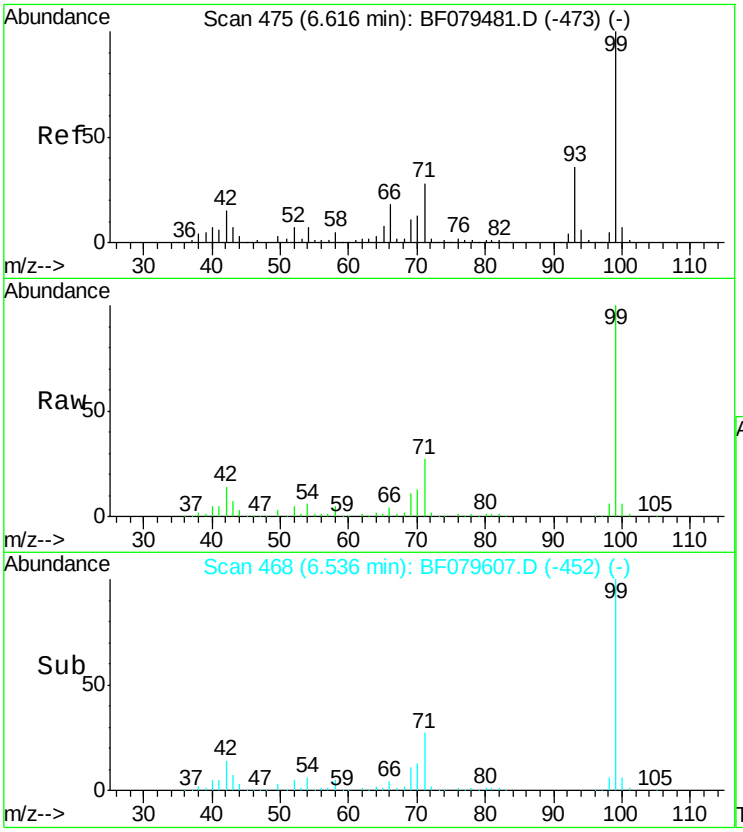


#5
2-Fluorophenol
Concen: 104.02 ng
RT: 5.21 min Scan# 352
Delta R.T. -0.02 min
Lab File: BF079607.D
Acq: 30 May 2015 17:16

Tgt Ion:112 Resp: 376037

Ion	Ratio	Lower	Upper
112	100		
64	52.2	43.5	65.3
63	26.1	21.8	32.8



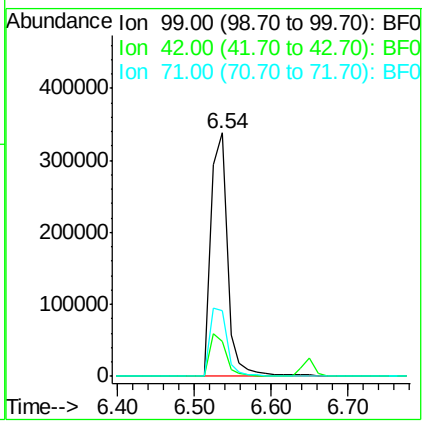


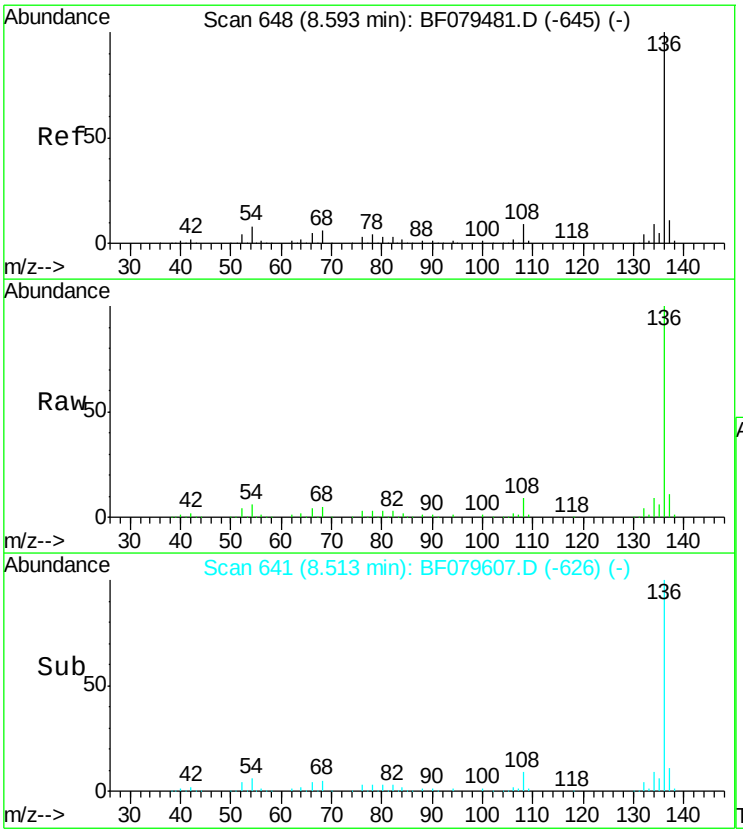
#7
Phenol-d6
Concen: 110.67 ng
RT: 6.54 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF079607.D
Acq: 30 May 2015 17:16

Instrument :
BNA_F
ClientSampleId :
PENRD8.7(5)

Tgt Ion: 99 Resp: 509963

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.9	17.9
71	27.1	22.1	33.1

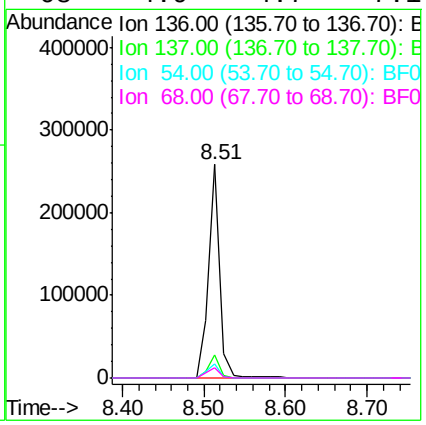


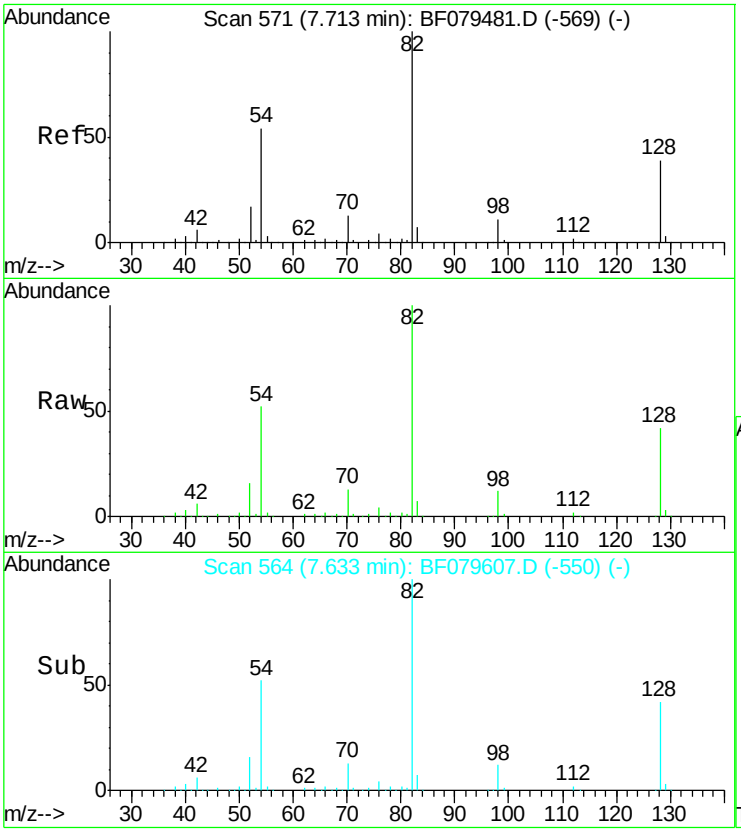


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.51 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF079607.D
Acq: 30 May 2015 17:16

Tgt Ion:136 Resp: 254118

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.4	6.6	9.8#
68	4.9	4.7	7.1



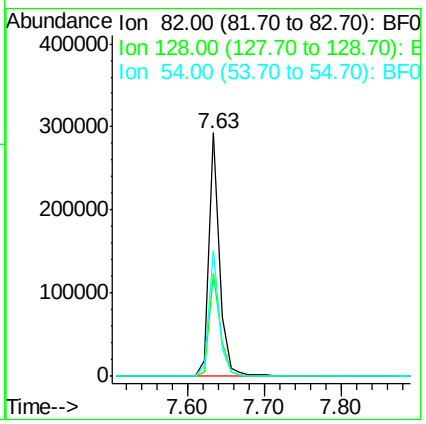


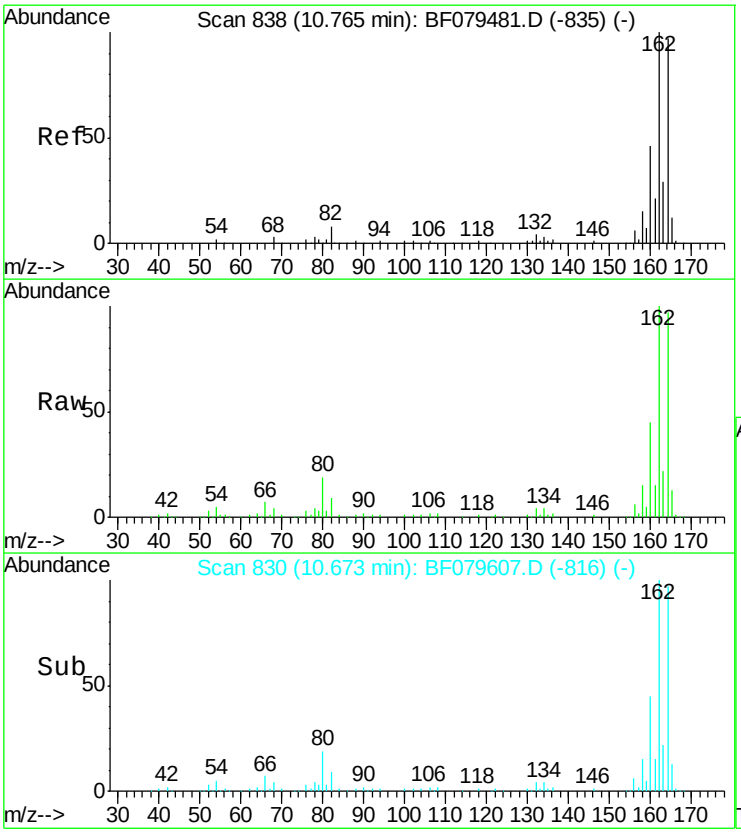
#23
Nitrobenzene-d5
Concen: 63.83 ng
RT: 7.63 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF079607.D
Acq: 30 May 2015 17:16

Instrument :
BNA_F
ClientSampleId :
PENRD8.7(5)

Tgt Ion: 82 Resp: 280579

Ion	Ratio	Lower	Upper
82	100		
128	42.4	30.8	46.2
54	51.5	42.8	64.2

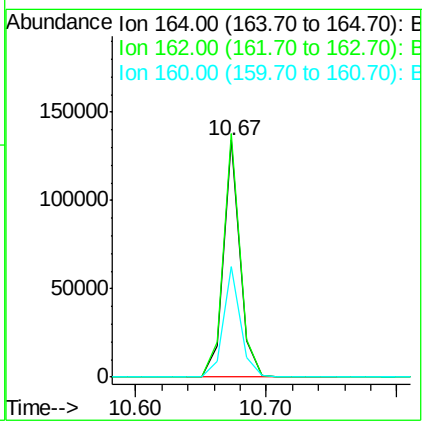


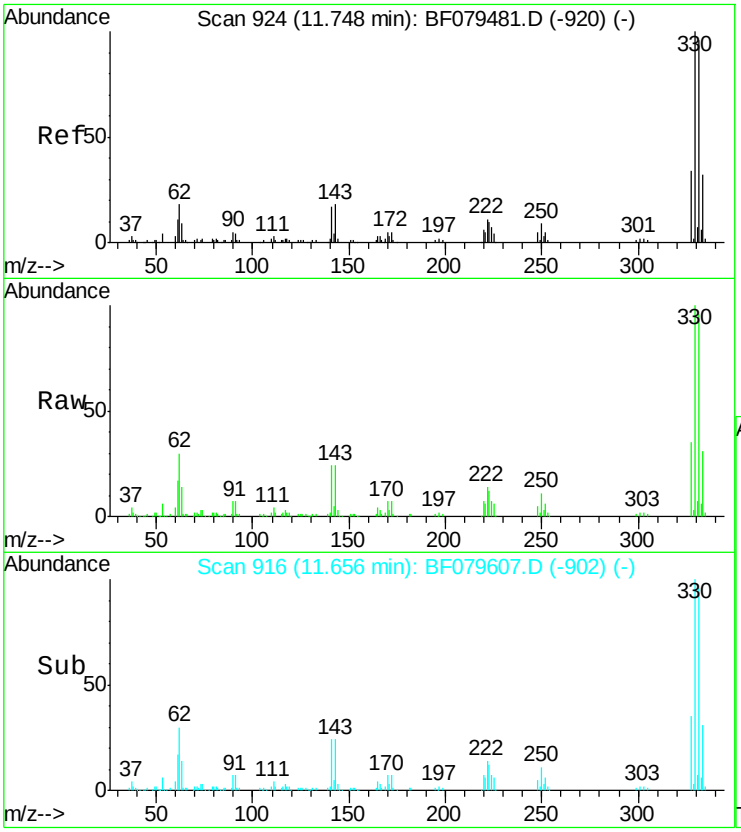


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.67 min Scan# 830
Delta R.T. -0.03 min
Lab File: BF079607.D
Acq: 30 May 2015 17:16

Tgt Ion:164 Resp: 119625

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	124.0
160	46.6	37.7	56.5



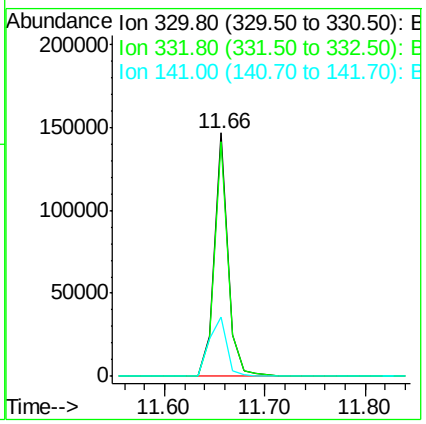


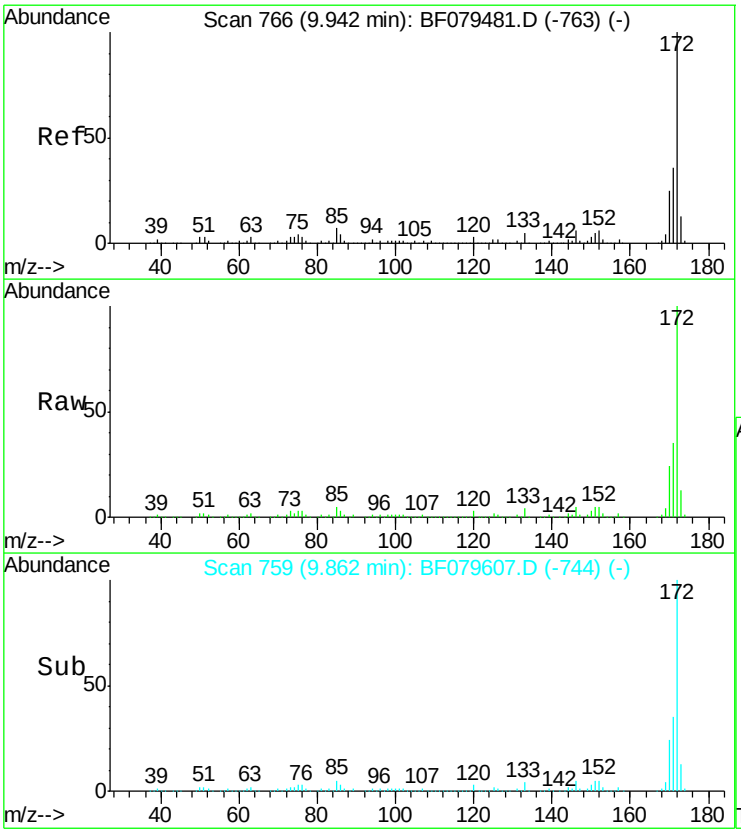
#41
2,4,6-Tribromophenol
Concen: 105.88 ng
RT: 11.66 min Scan# 916
Delta R.T. -0.03 min
Lab File: BF079607.D
Acq: 30 May 2015 17:16

Instrument :
BNA_F
ClientSampleId :
PENRD8.7(5)

Tgt Ion:330 Resp: 139121

Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	31.6	0.0	0.0#

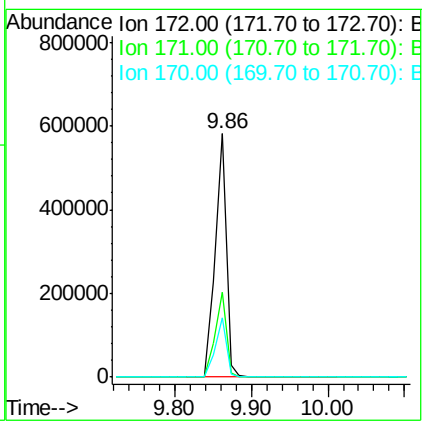


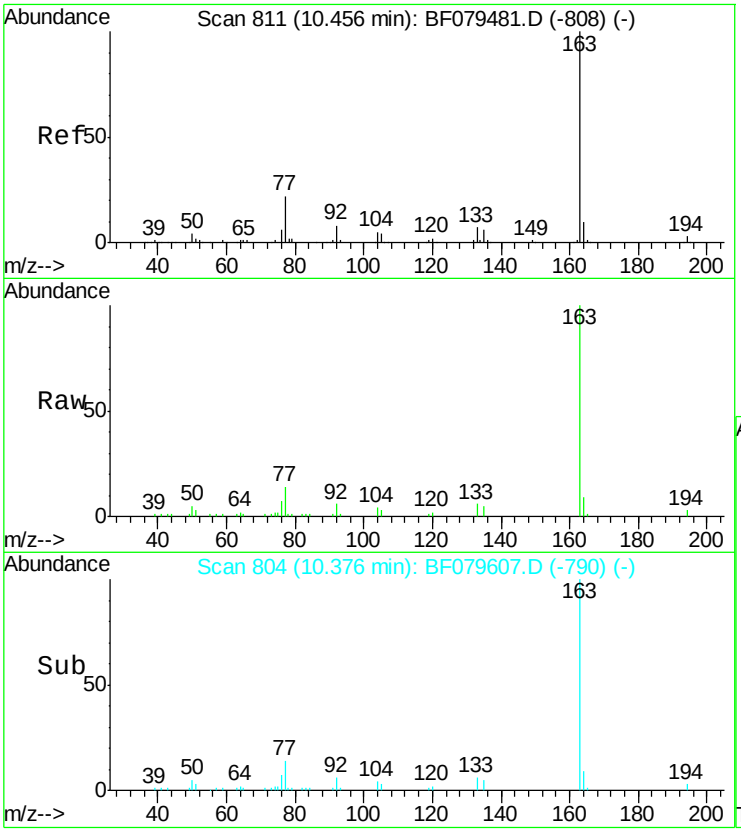


#44
2-Fluorobiphenyl
Concen: 69.64 ng
RT: 9.86 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF079607.D
Acq: 30 May 2015 17:16

Tgt Ion:172 Resp: 583943

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	24.1	19.7	29.5



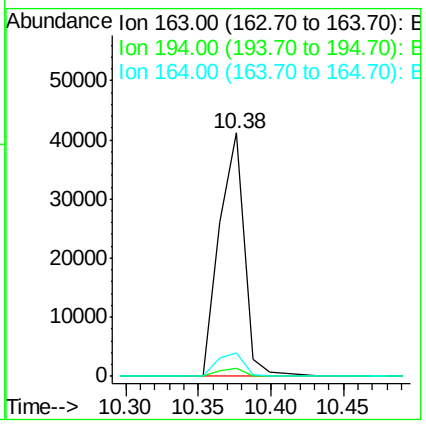


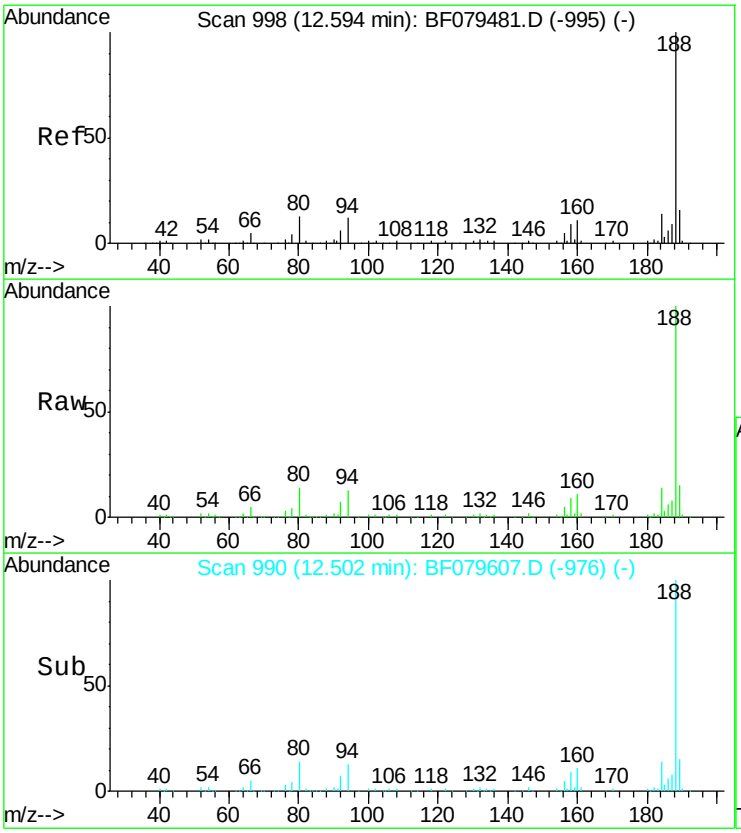
#49
Dimethylphthalate
Concen: 5.56 ng
RT: 10.38 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF079607.D
Acq: 30 May 2015 17:16

Instrument :
BNA_F
ClientSampleId :
PENRD8.7(5)

Tgt Ion:163 Resp: 48989

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.4	3.6
164	9.5	8.2	12.4

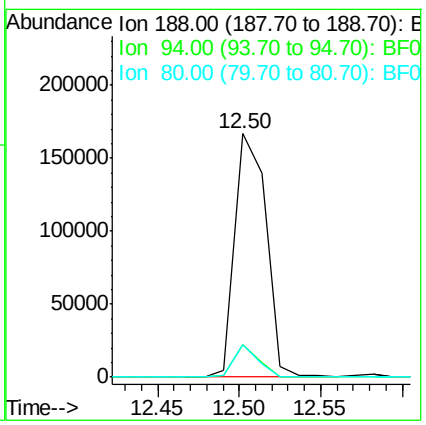


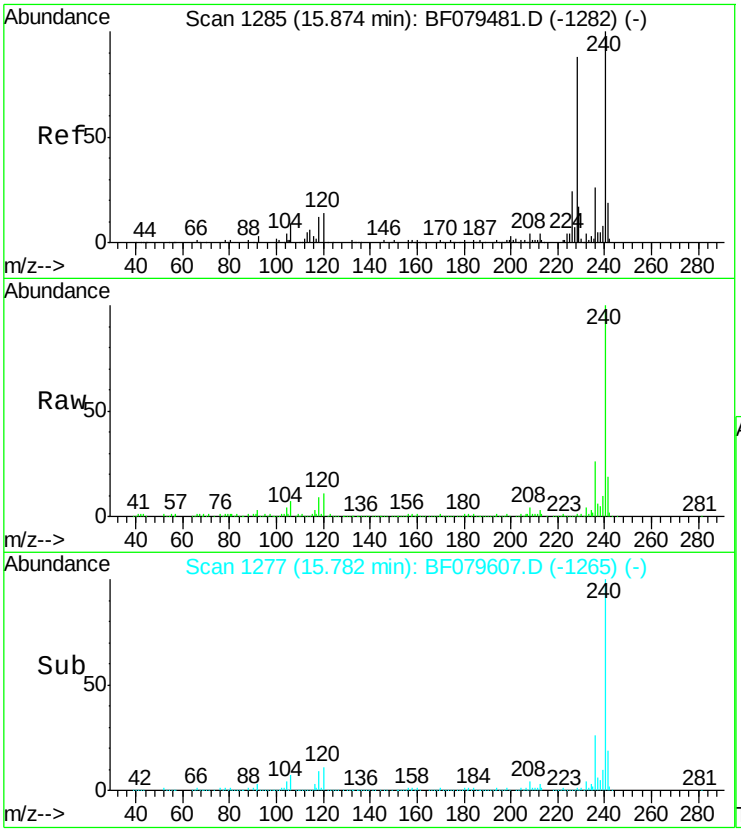


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 990
Delta R.T. -0.03 min
Lab File: BF079607.D
Acq: 30 May 2015 17:16

Tgt Ion:188 Resp: 219996

Ion	Ratio	Lower	Upper
188	100		
94	13.3	9.8	14.6
80	13.5	10.5	15.7



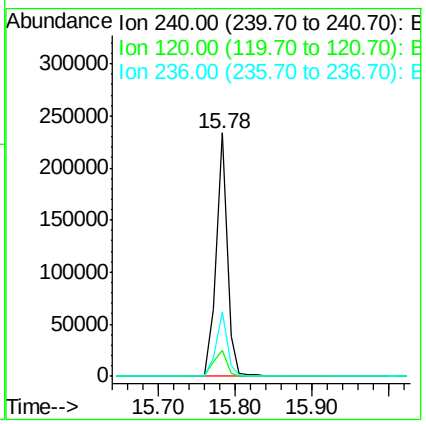


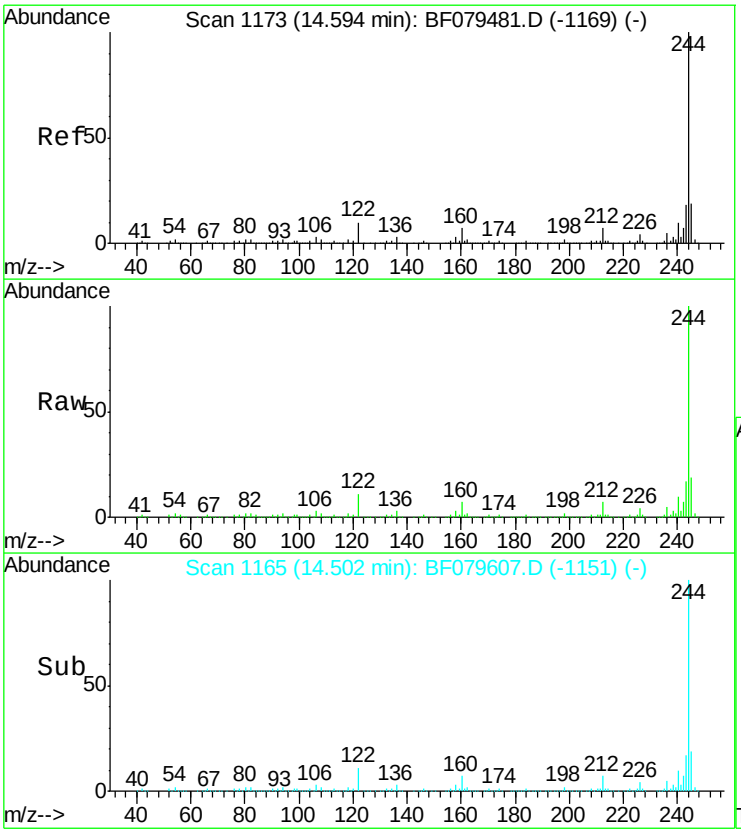
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.78 min Scan# 1277
Delta R.T. -0.06 min
Lab File: BF079607.D
Acq: 30 May 2015 17:16

Instrument :
BNA_F
ClientSampleId :
PENRD8.7(5)

Tgt Ion:240 Resp: 237497

Ion	Ratio	Lower	Upper
240	100		
120	10.9	10.8	16.2
236	26.4	21.0	31.6

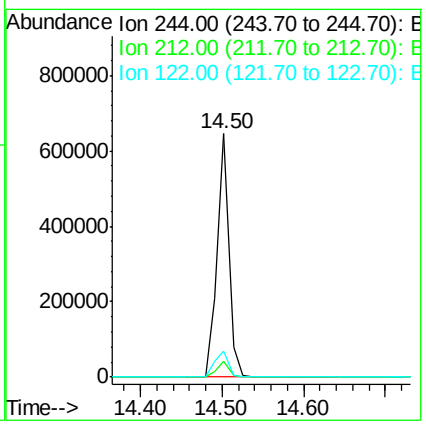


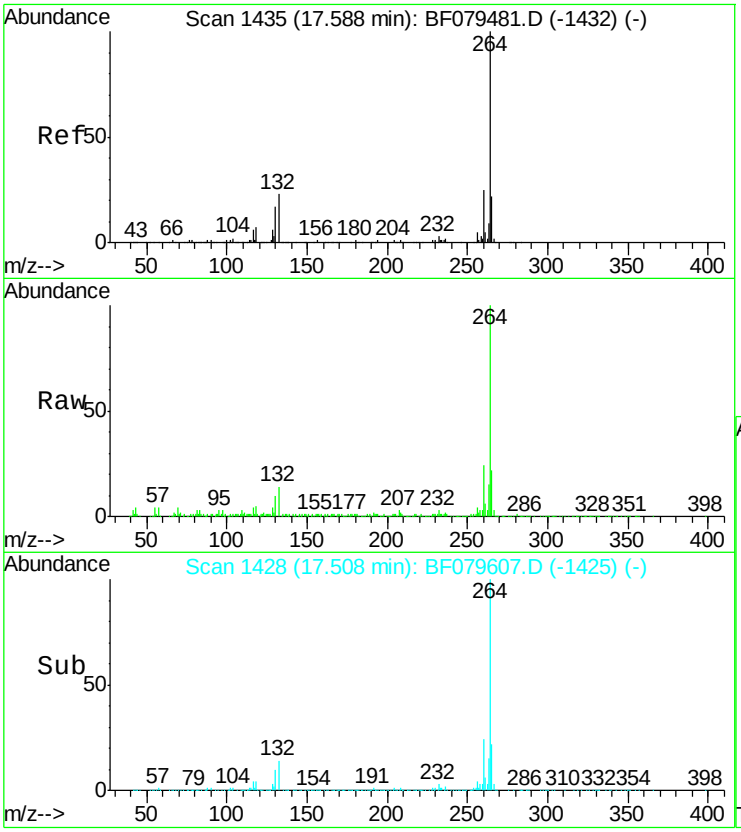


#78
Terphenyl-d14
Concen: 63.95 ng
RT: 14.50 min Scan# 1165
Delta R.T. -0.03 min
Lab File: BF079607.D
Acq: 30 May 2015 17:16

Tgt Ion:244 Resp: 647138

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	10.8	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.51 min Scan# 1428
Delta R.T. -0.16 min
Lab File: BF079607.D
Acq: 30 May 2015 17:16

Instrument :
BNA_F
ClientSampleId :
PENRD8.7(5)

Tgt Ion:264 Resp: 245701

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	22.0	17.8	26.6