Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084250.D
Acq On : 4 Jan 2016 20:24
Operator : UM/SJ
Sample : G4986-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-110-1.5-2.0

Quant Time: Jan 05 03:07:38 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	250351	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1060411	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	454411	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	782426	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	520094	20.00	ng	-0.01
86) Perylene-d12	15.49	264	519049	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1517335	98.03	ng	0.01
7) Phenol-d6	6.53	99	1878483	96.63	ng	0.00
23) Nitrobenzene-d5	7.46	82	1455809	76.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	513403	111.91	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1917882	73.38	ng	-0.01
78) Terphenyl-d14	13.00	244	1449430	62.21	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.65	163	568473	17.50	ng	# 90

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

Quantitation Report (LSC Reviewed)

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Misc :
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Instrument :
BNA_F
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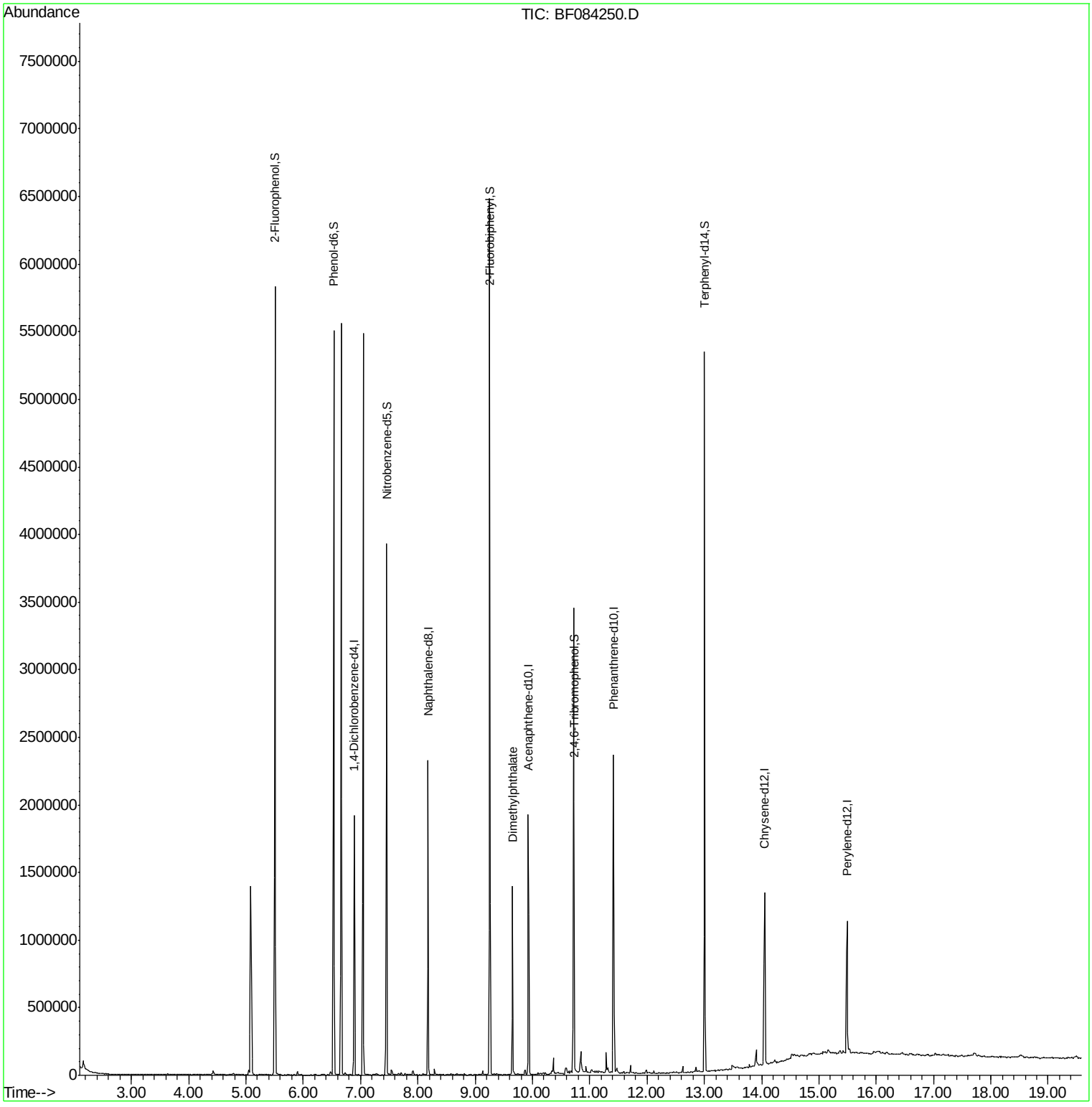
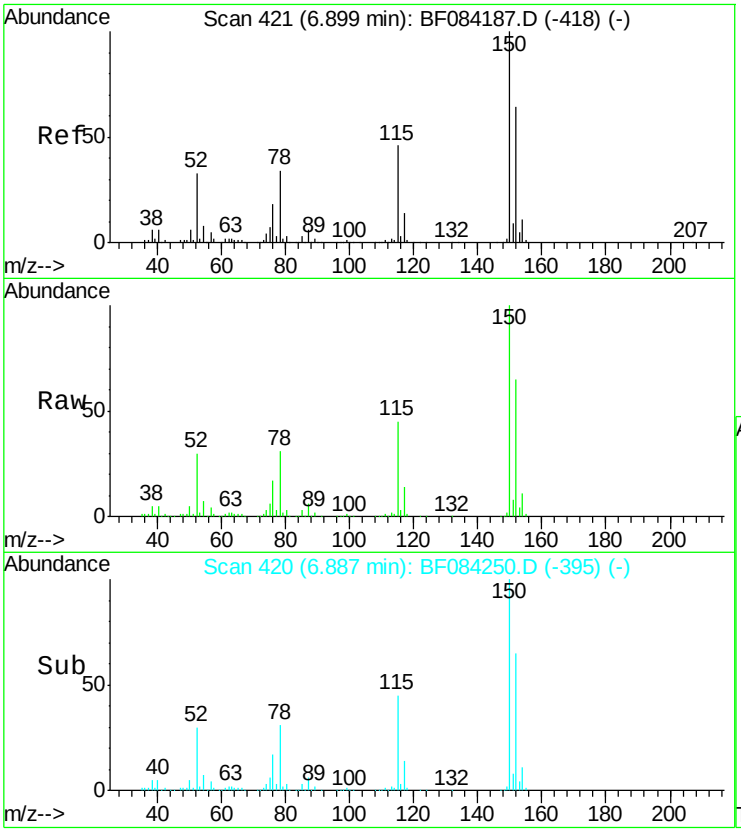
PJ-SB-110-1.5-2.0

Quant Time: Jan 05 03:07:38 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration



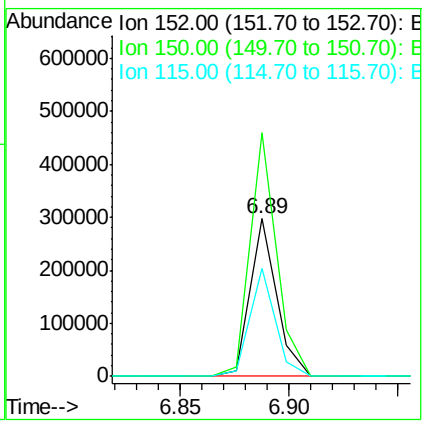


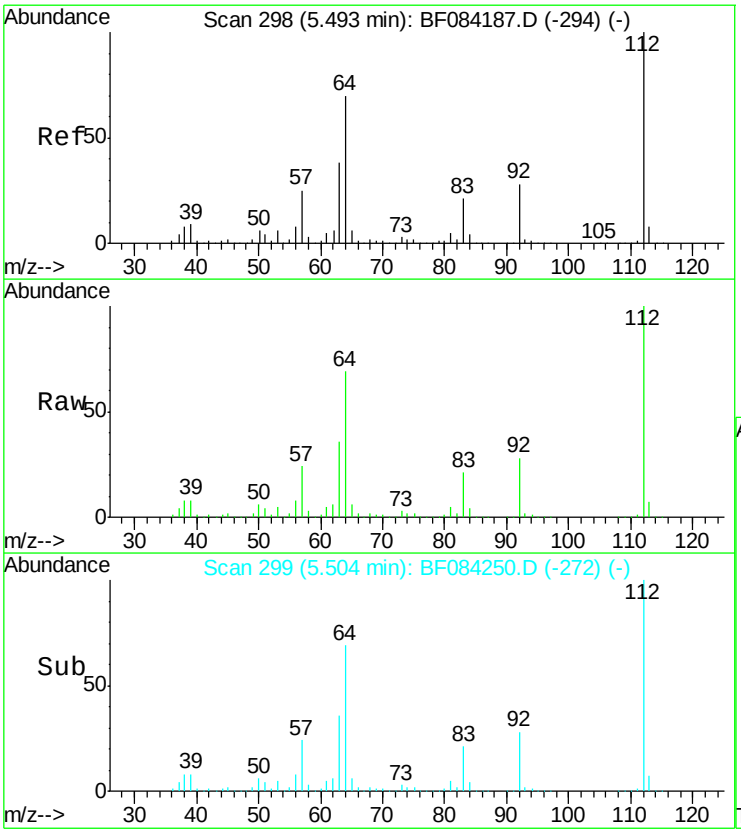
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF084250.D
Acq: 4 Jan 2016 20:24

Instrument :
BNA_F
ClientSampleId :
PJ-SB-110-1.5-2.0

Tgt Ion:152 Resp: 250351

Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.0	184.4
115	68.9	51.4	77.2

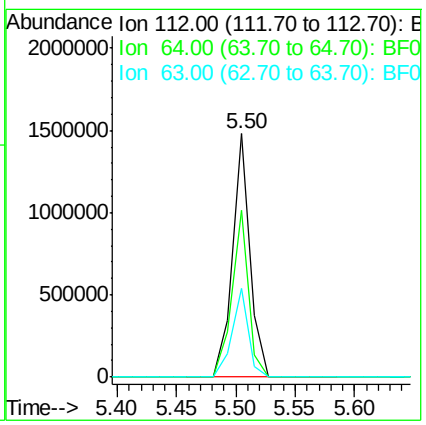


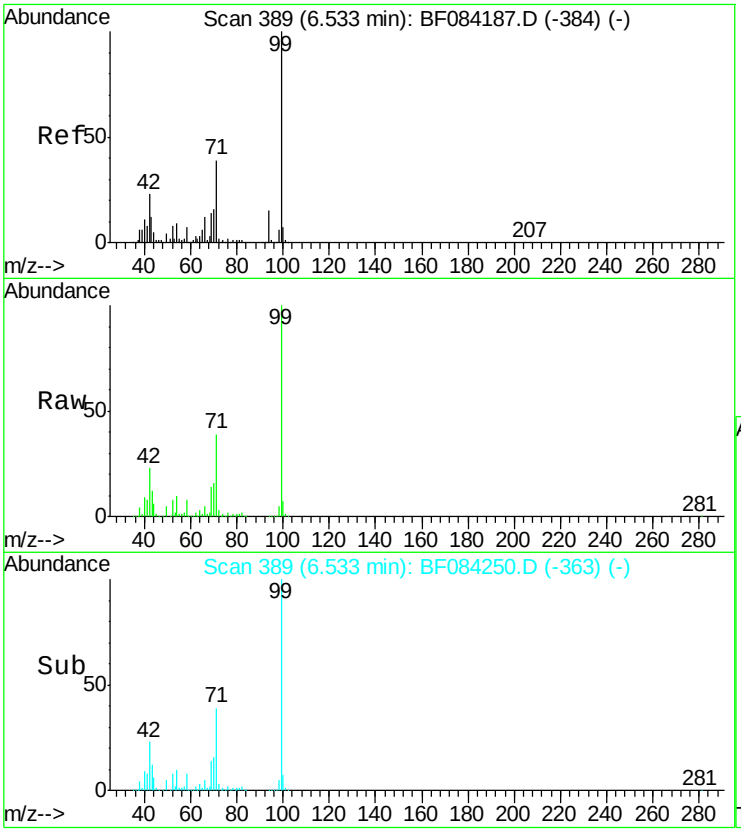


#5
2-Fluorophenol
Concen: 98.03 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF084250.D
Acq: 4 Jan 2016 20:24

Tgt Ion:112 Resp: 1517335

Ion	Ratio	Lower	Upper
112	100		
64	68.8	36.6	55.0#
63	36.4	19.4	29.0#



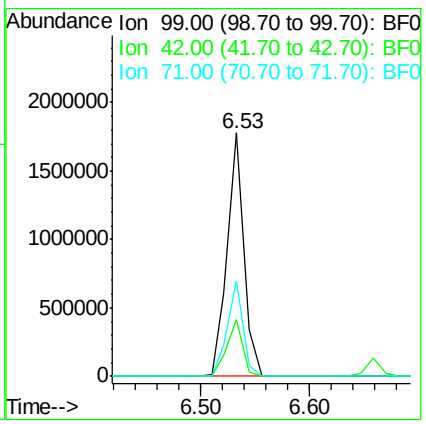


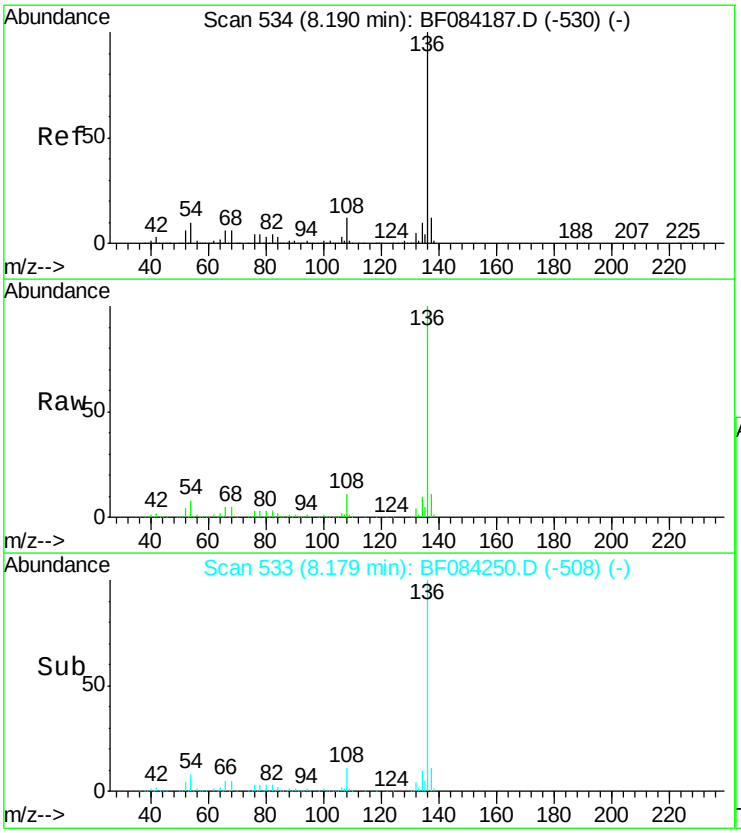
#7
Phenol-d6
Concen: 96.63 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF084250.D
Acq: 4 Jan 2016 20:24

Instrument :
BNA_F
ClientSampleId :
PJ-SB-110-1.5-2.0

Tgt Ion: 99 Resp: 1878483

Ion	Ratio	Lower	Upper
99	100		
42	23.5	12.8	19.2#
71	39.2	30.9	46.3

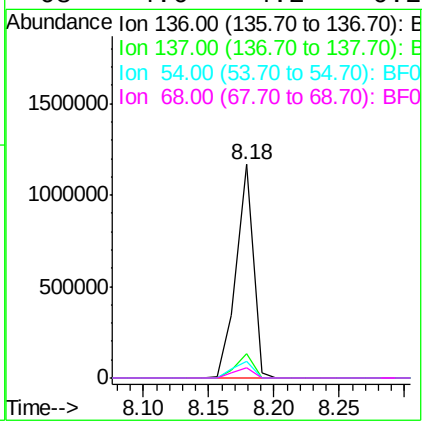


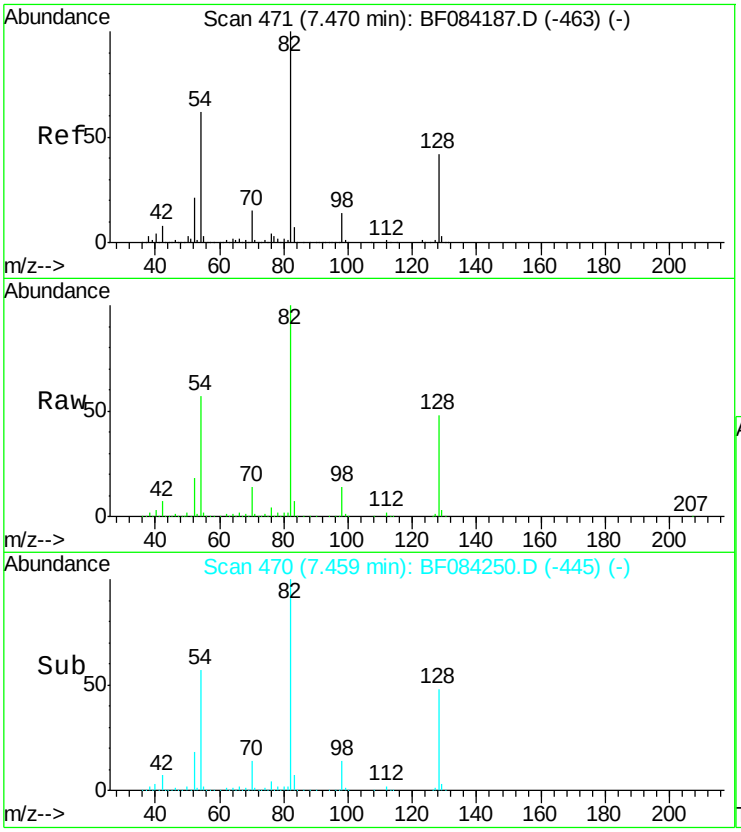


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF084250.D
Acq: 4 Jan 2016 20:24

Tgt Ion:136 Resp: 1060411

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	7.8	5.8	8.8
68	4.6	4.2	6.2



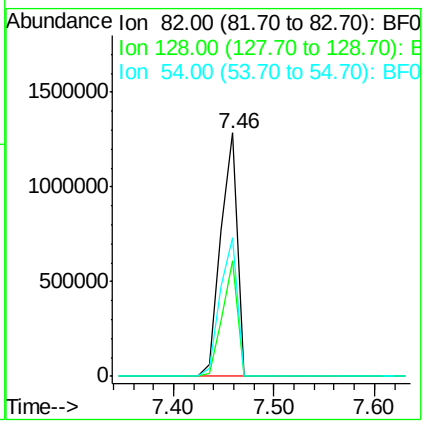


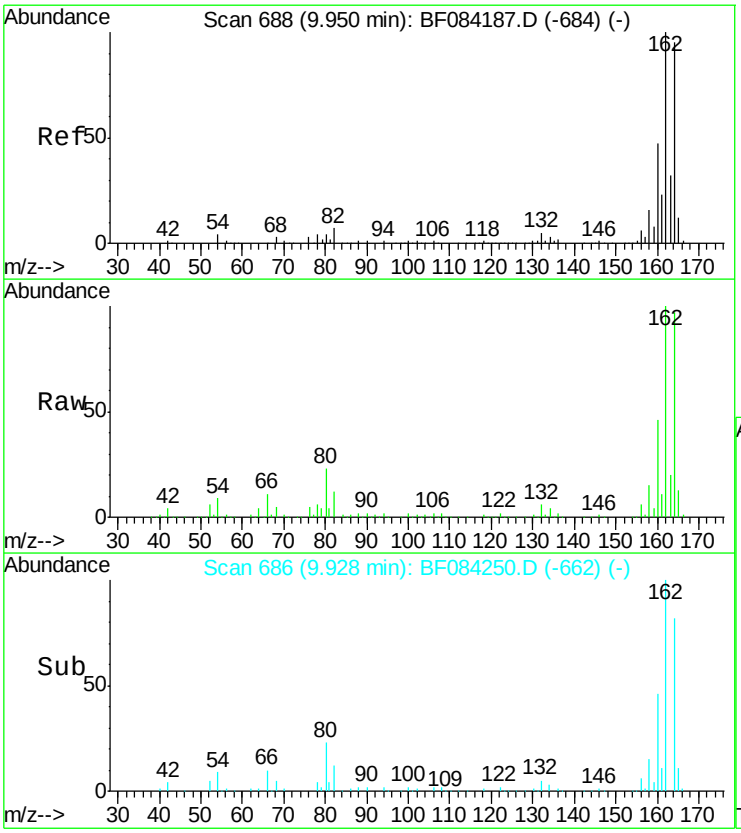
#23
Nitrobenzene-d5
Concen: 76.41 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF084250.D
Acq: 4 Jan 2016 20:24

Instrument :
BNA_F
ClientSampleId :
PJ-SB-110-1.5-2.0

Tgt Ion: 82 Resp: 1455809

Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.6	51.8
54	56.9	38.4	57.6

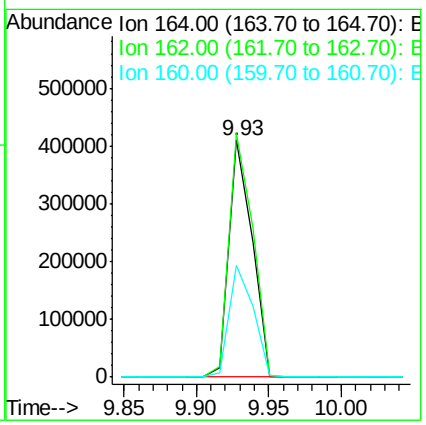


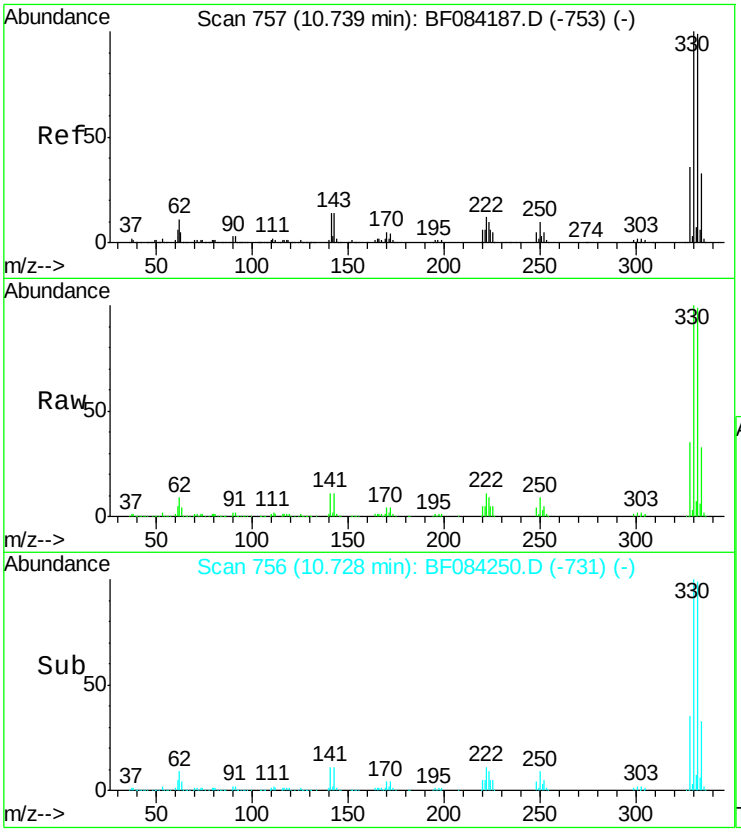


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF084250.D
Acq: 4 Jan 2016 20:24

Tgt Ion:164 Resp: 454411

Ion	Ratio	Lower	Upper
164	100		
162	102.7	85.1	127.7
160	47.0	37.5	56.3



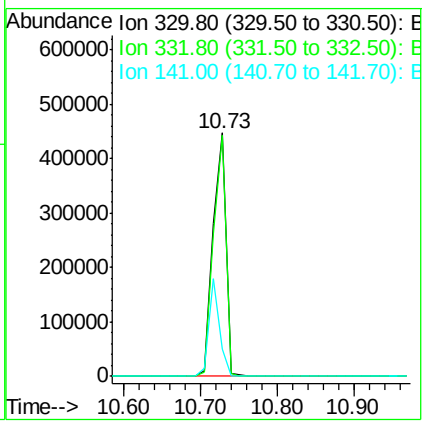


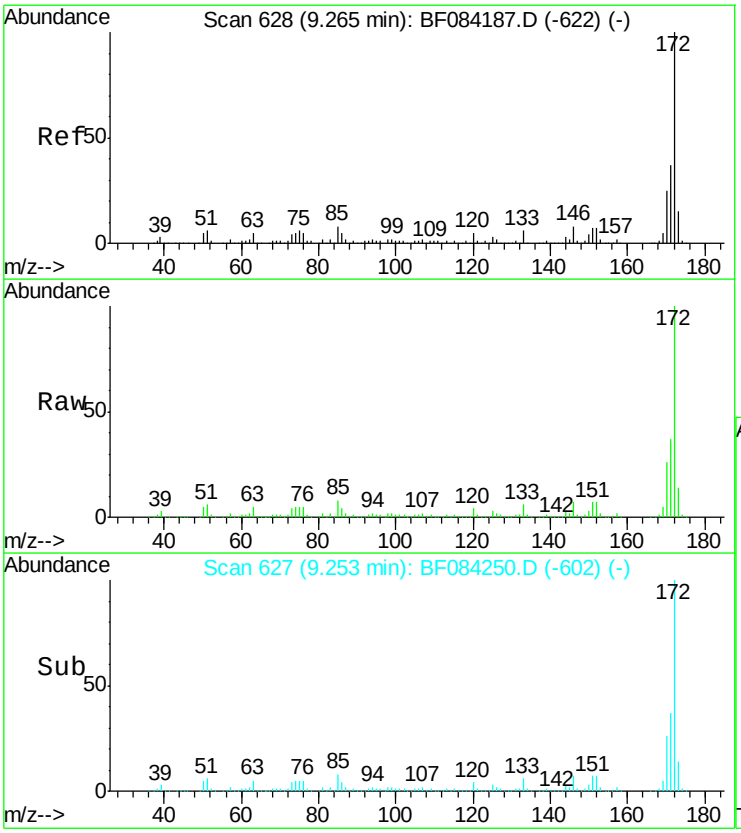
#41
2,4,6-Tribromophenol
Concen: 111.91 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF084250.D
Acq: 4 Jan 2016 20:24

Instrument :
BNA_F
ClientSampleId :
PJ-SB-110-1.5-2.0

Tgt Ion:330 Resp: 513403

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	33.2	27.8	41.6

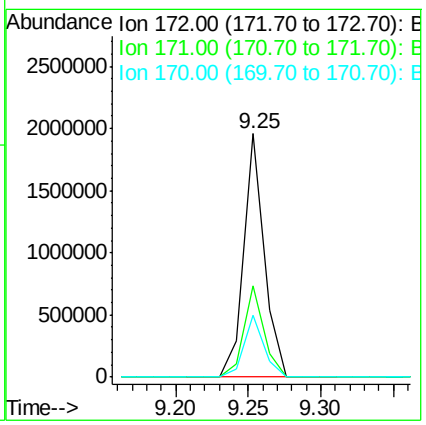


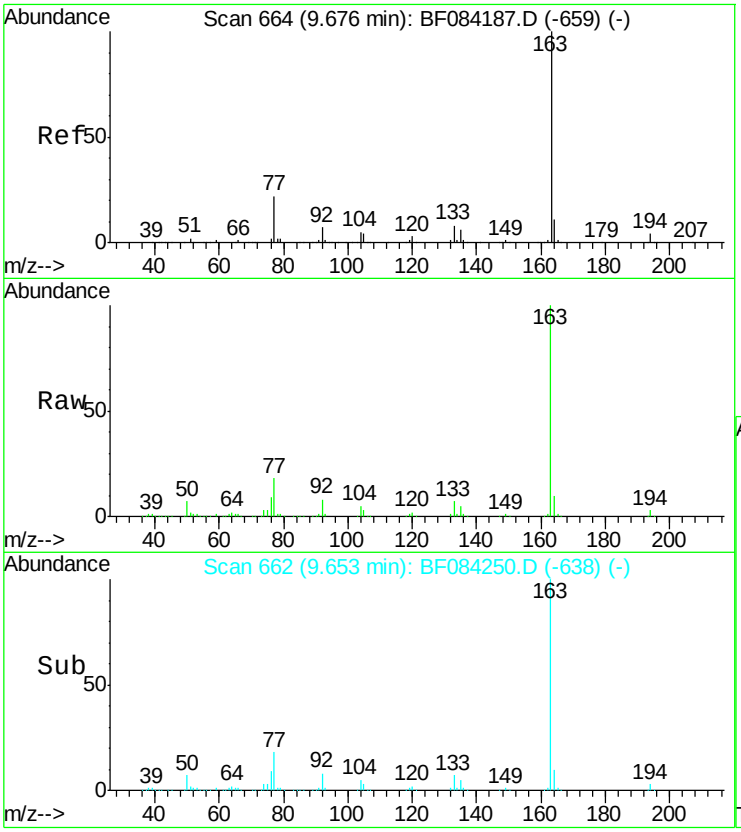


#44
2-Fluorobiphenyl
Concen: 73.38 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF084250.D
Acq: 4 Jan 2016 20:24

Tgt Ion:172 Resp: 1917882

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.9	43.3
170	25.5	18.6	27.8



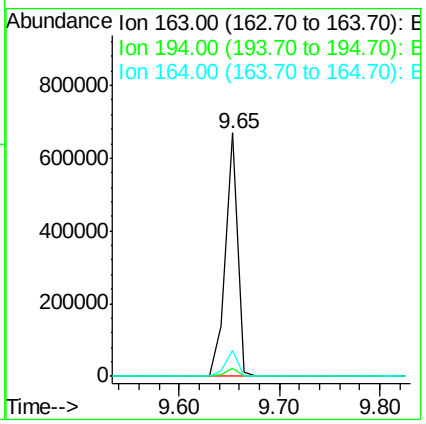


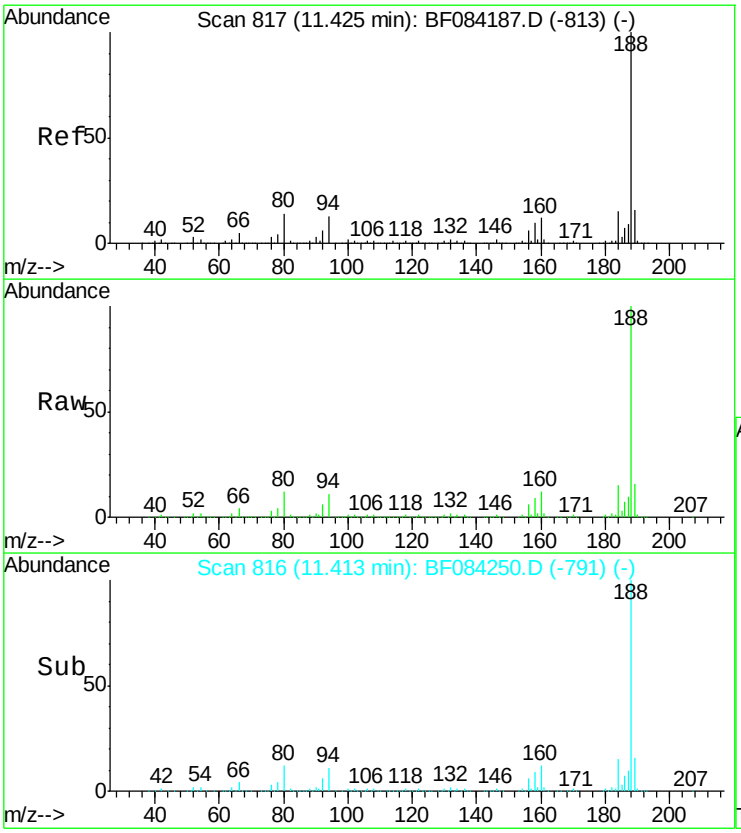
#49
Dimethylphthalate
Concen: 17.50 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF084250.D
Acq: 4 Jan 2016 20:24

Instrument :
BNA_F
ClientSampleId :
PJ-SB-110-1.5-2.0

Tgt Ion:163 Resp: 568473

Ion	Ratio	Lower	Upper
163	100		
194	3.2	8.0	12.0#
164	10.4	8.0	12.0

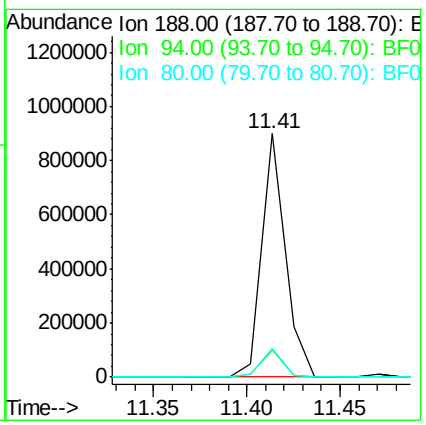


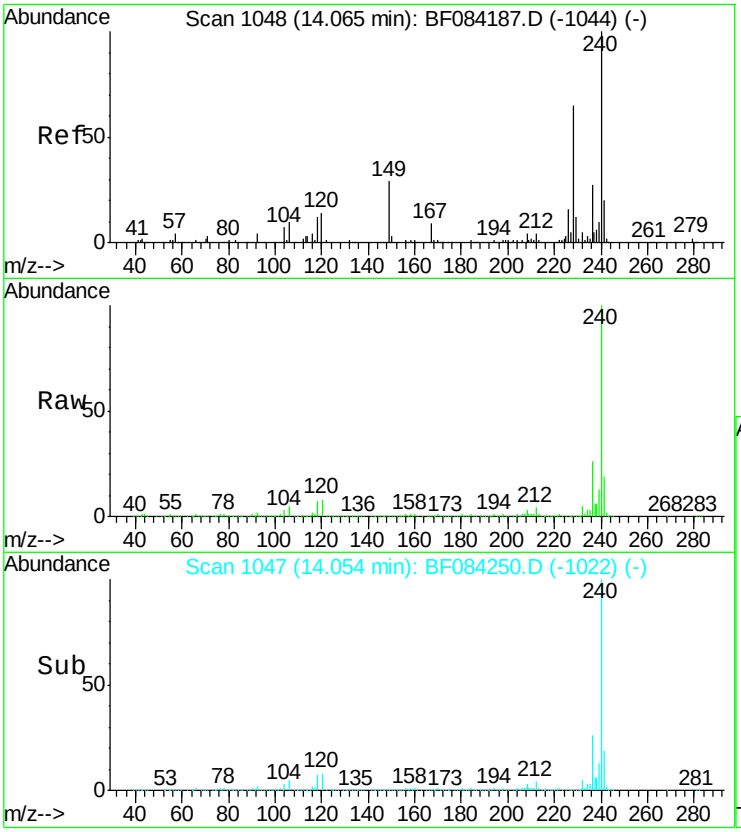


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF084250.D
Acq: 4 Jan 2016 20:24

Tgt Ion:188 Resp: 782426

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.0	13.4
80	11.7	9.6	14.4



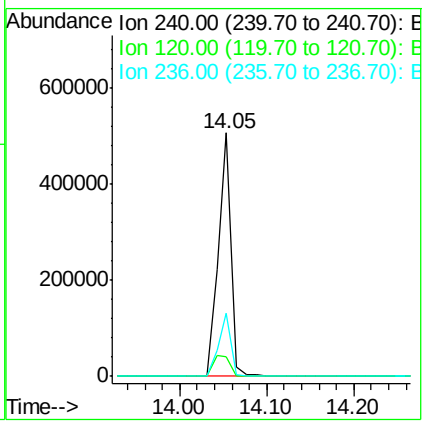


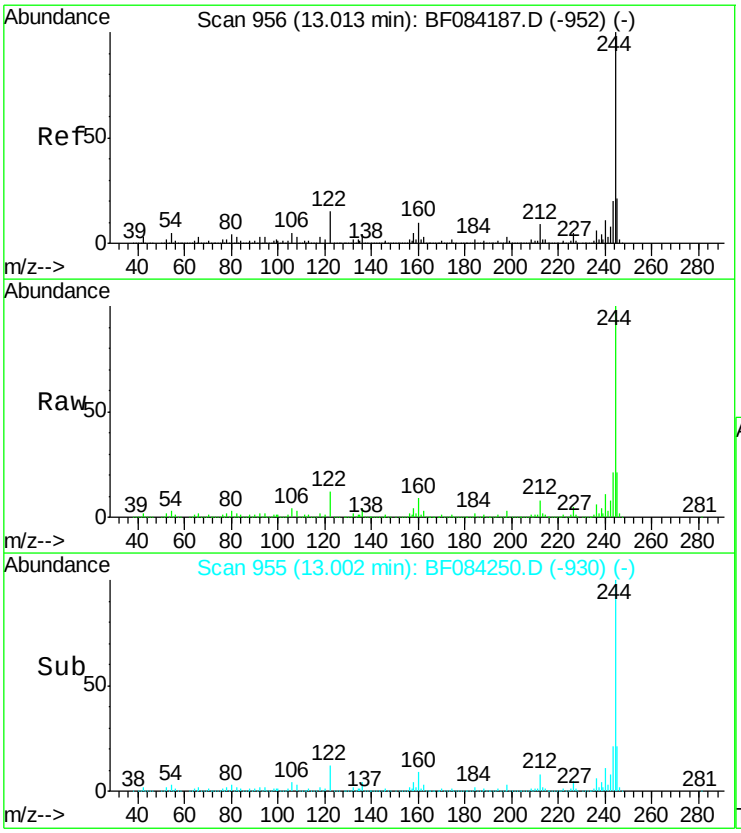
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF084250.D
Acq: 4 Jan 2016 20:24

Instrument :
BNA_F
ClientSampleId :
PJ-SB-110-1.5-2.0

Tgt Ion:240 Resp: 520094

Ion	Ratio	Lower	Upper
240	100		
120	7.9	9.5	14.3#
236	26.1	20.6	31.0

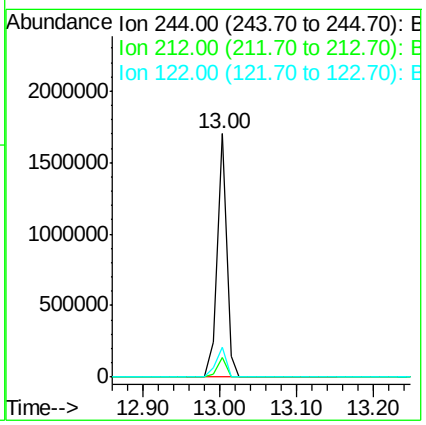


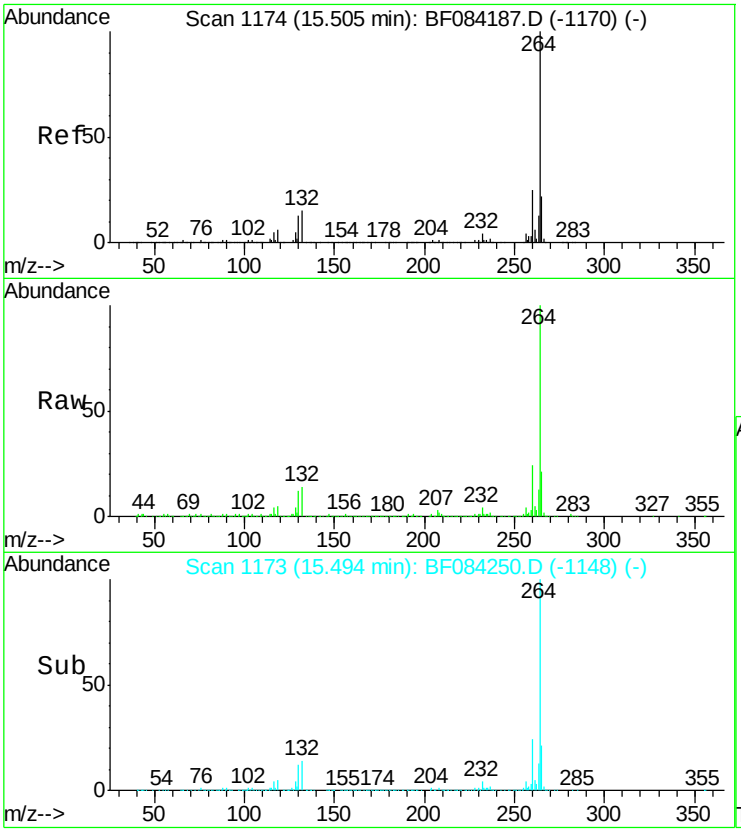


#78
Terphenyl-d14
Concen: 62.21 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF084250.D
Acq: 4 Jan 2016 20:24

Tgt Ion:244 Resp: 1449430

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	12.4	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF084250.D
Acq: 4 Jan 2016 20:24

Instrument :
BNA_F
ClientSampleId :
PJ-SB-110-1.5-2.0

Tgt Ion:264 Resp: 519049

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.2	17.8	26.6