Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082321.D
Acq On : 16 Oct 2015 12:49
Operator : UM/IZ
Sample : PB86109BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86109BL

Manual Integrations APPROVED
MMdadoda
10/19/2015 5:32:03 PM

Quant Time: Oct 17 01:19:55 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 17 01:08:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	60551m	20.00	ng	0.01
21) Naphthalene-d8	8.13	136	245655	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	137450	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	280930	20.00	ng	0.00
75) Chrysene-d12	14.10	240	295541	20.00	ng	0.03
86) Perylene-d12	15.69	264	243052	20.00	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	416818	138.93	ng	0.02
7) Phenol-d6	6.48	99	488182	125.04	ng	0.00
23) Nitrobenzene-d5	7.41	82	301748	82.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	160154	124.24	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	703535	84.88	ng	0.00
78) Terphenyl-d14	12.98	244	896505	80.38	ng	0.02
Target Compounds						Qvalue

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

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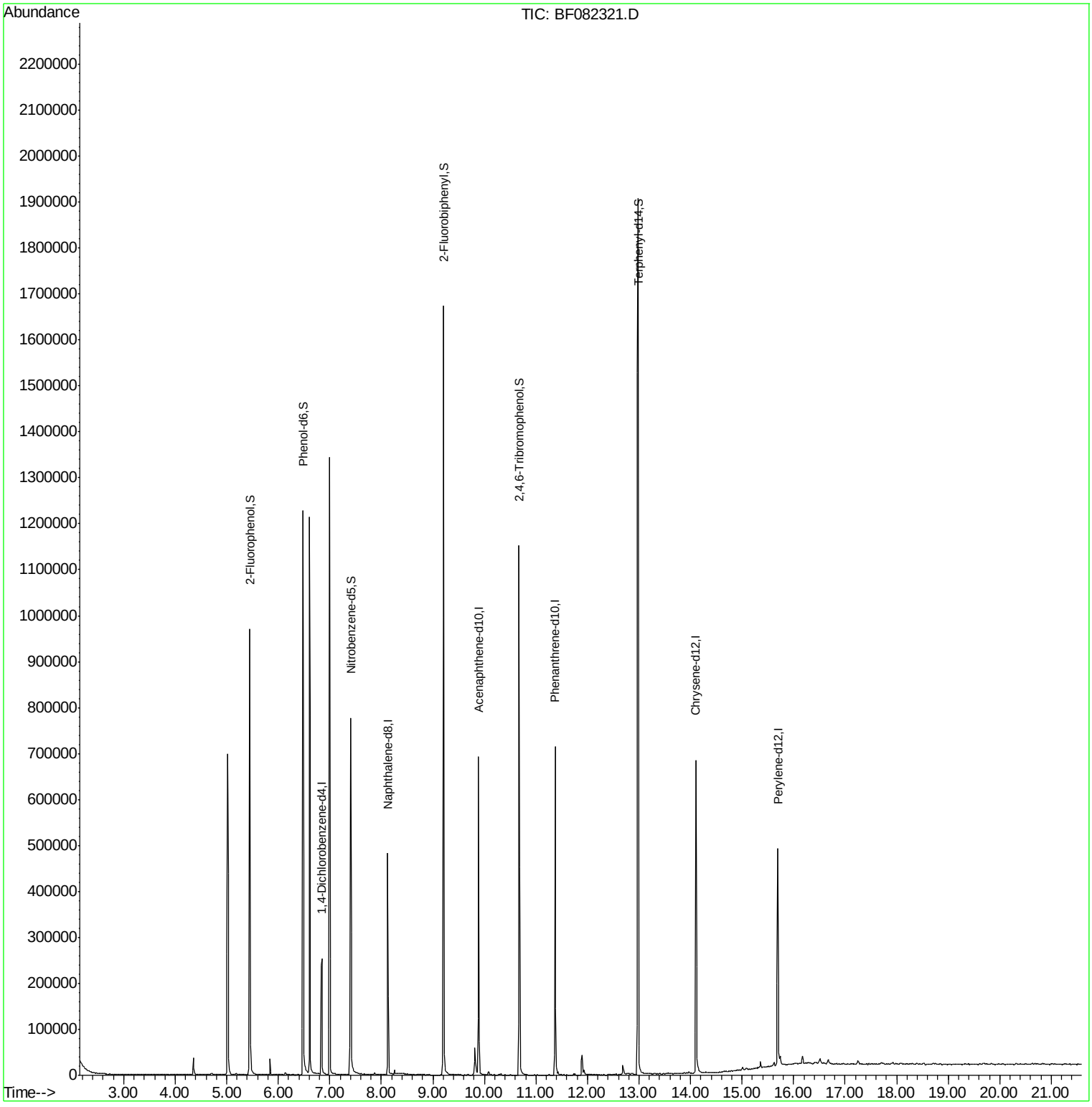
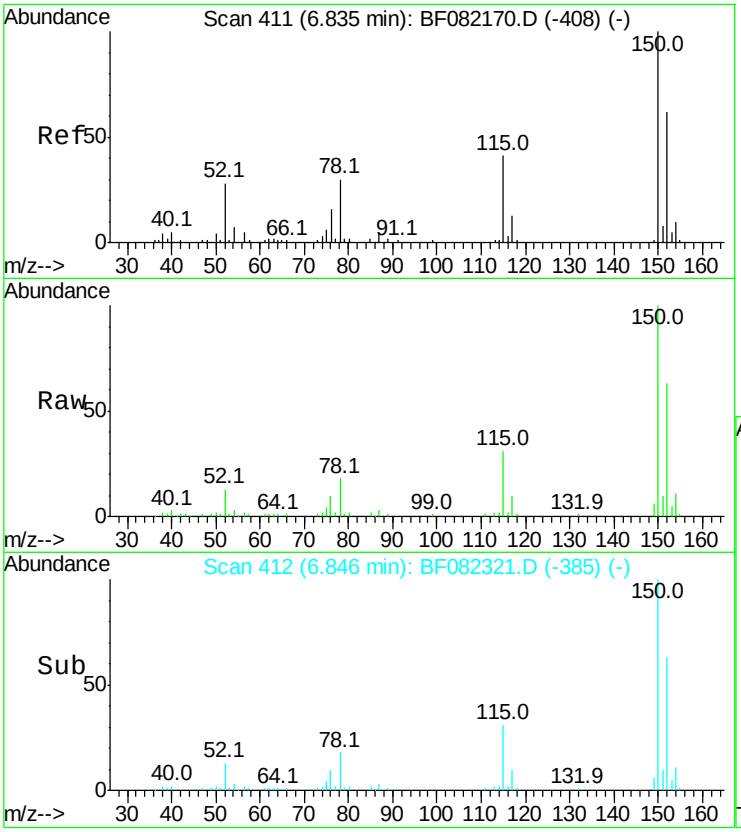
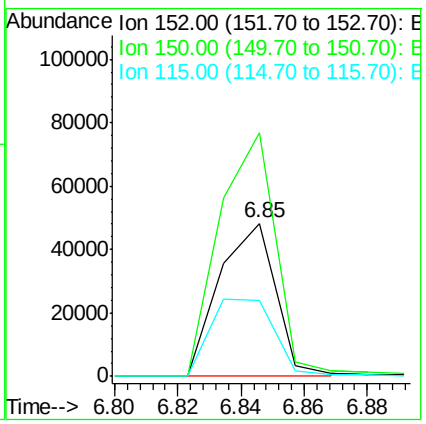




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.85 min Scan# 412
Delta R.T. 0.01 min
Lab File: BF082321.D
Acq: 16 Oct 2015 12:49

Tgt Ion:152 Resp: 60551

Ion	Ratio	Lower	Upper
152	100		
150	158.9	129.0	193.4
115	49.9	52.1	78.1#



Instrument :
BNA_F
ClientSampleId :
PB86109BL

Manual Integrations APPROVED
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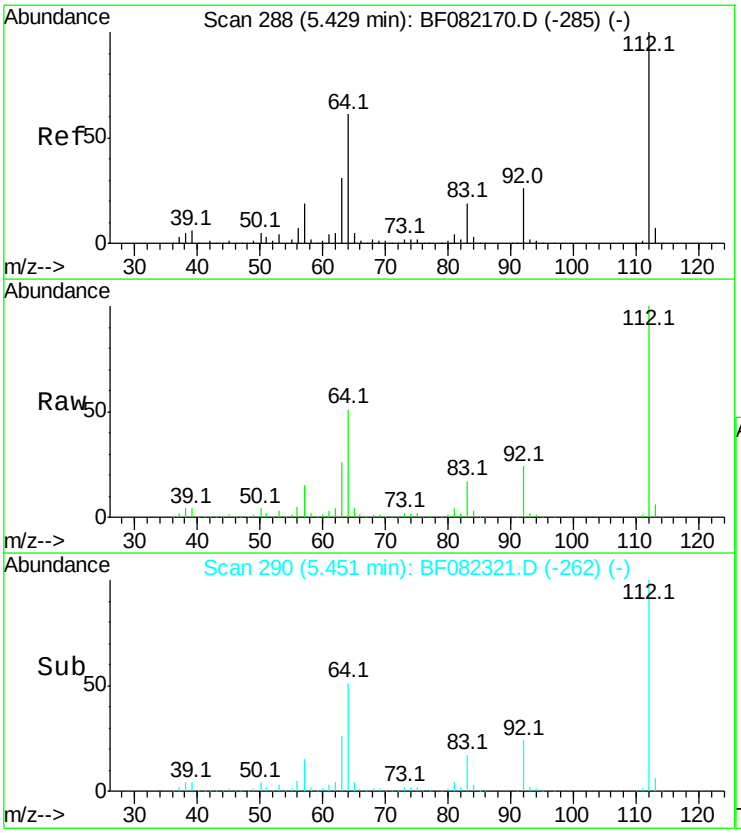
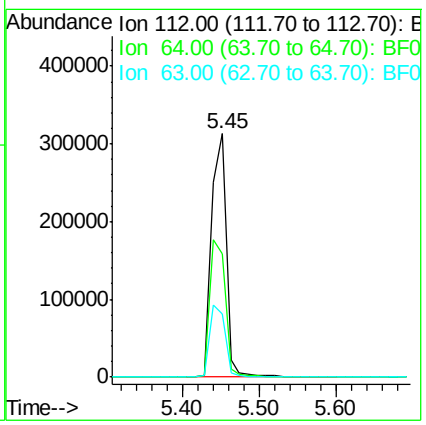
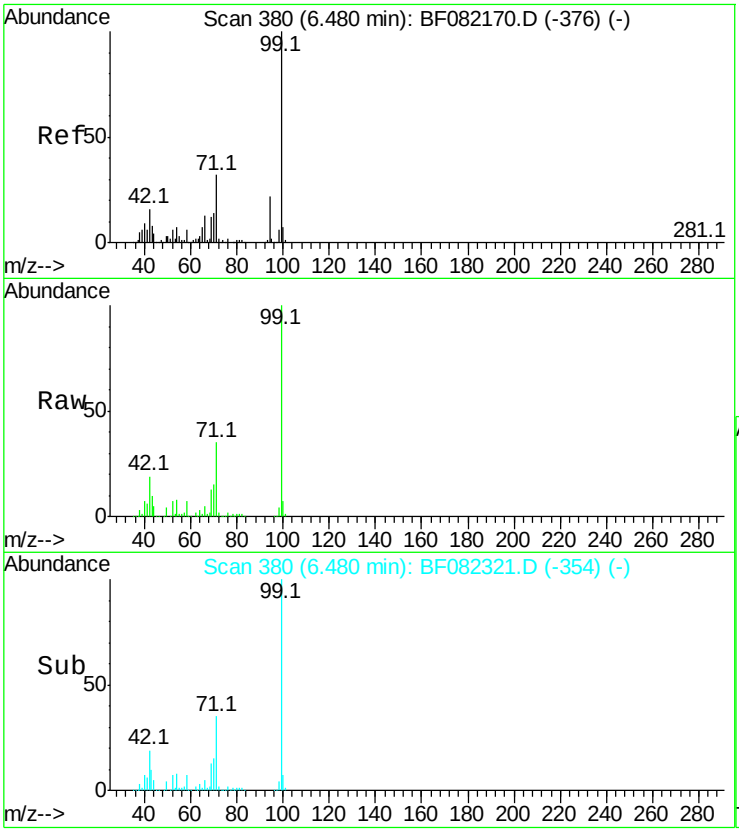


#5
2-Fluorophenol
Concen: 138.93 ng
RT: 5.45 min Scan# 290
Delta R.T. 0.02 min
Lab File: BF082321.D
Acq: 16 Oct 2015 12:49

Tgt Ion:112 Resp: 416818

Ion	Ratio	Lower	Upper
112	100		
64	50.9	48.6	73.0
63	26.2	25.1	37.7

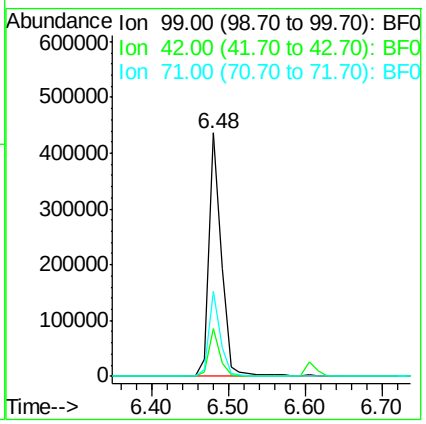




#7
Phenol-d6
Concen: 125.04 ng
RT: 6.48 min Scan# 380
Delta R.T. -0.00 min
Lab File: BF082321.D
Acq: 16 Oct 2015 12:49

Tgt Ion: 99 Resp: 488182

Ion	Ratio	Lower	Upper
99	100		
42	19.4	13.2	19.8
71	34.9	25.6	38.4



Instrument :
BNA_F
ClientSampleId :
PB86109BL

Manual Integrations APPROVED
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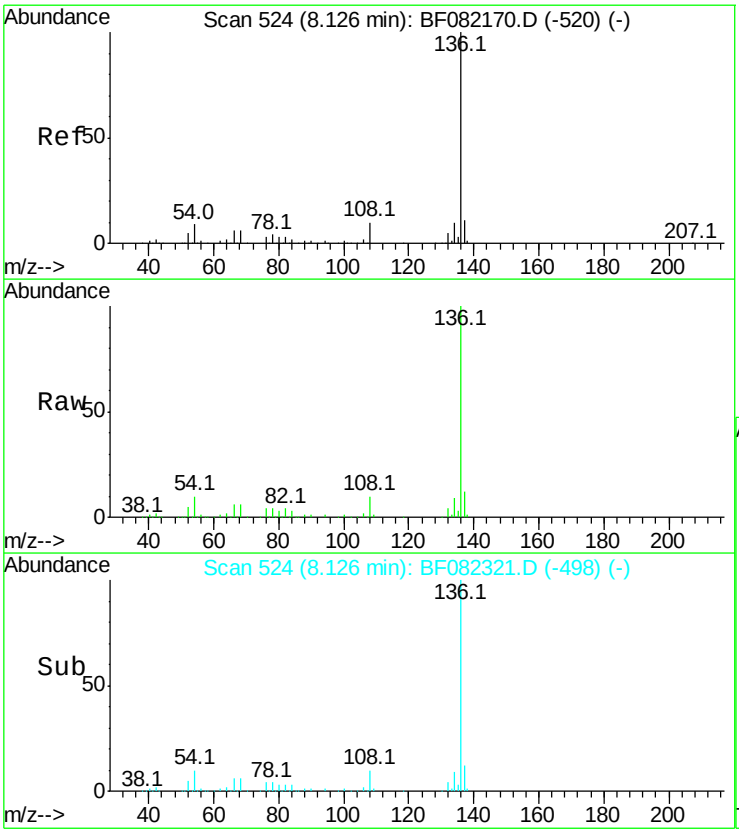
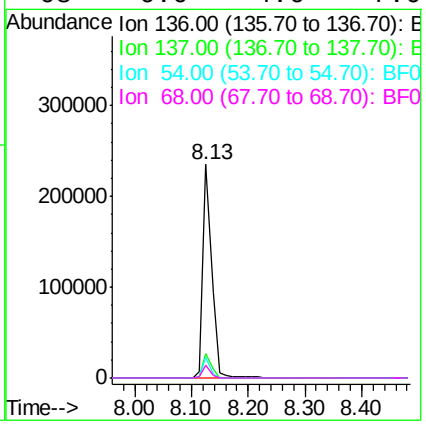
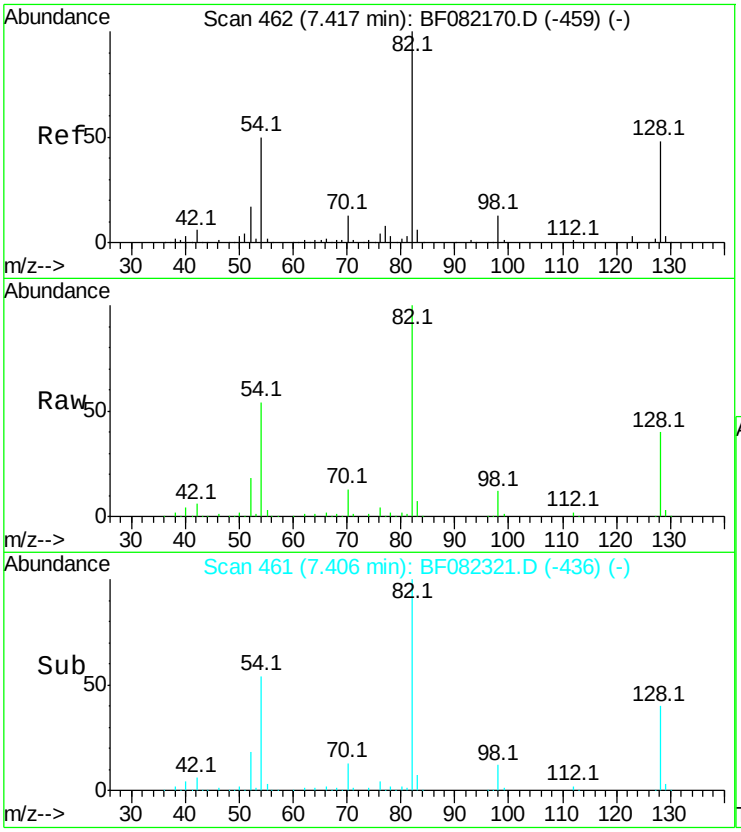


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF082321.D
Acq: 16 Oct 2015 12:49

Tgt Ion:136 Resp: 245655

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	9.7	7.5	11.3
68	6.0	4.6	7.0

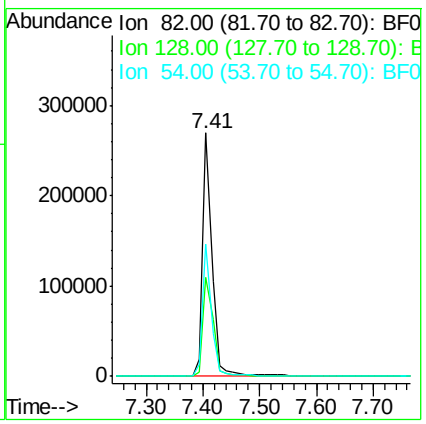




#23
Nitrobenzene-d5
Concen: 82.49 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF082321.D
Acq: 16 Oct 2015 12:49

Tgt Ion: 82 Resp: 301748

Ion	Ratio	Lower	Upper
82	100		
128	40.5	38.7	58.1
54	54.2	40.1	60.1



Instrument :
BNA_F
ClientSampleId :
PB86109BL

Manual Integrations APPROVED
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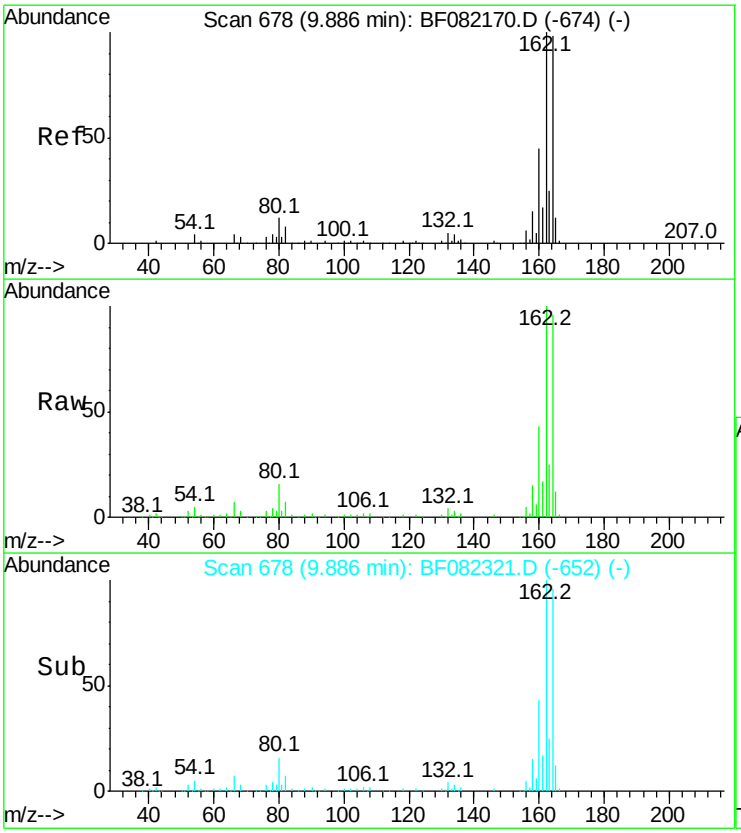
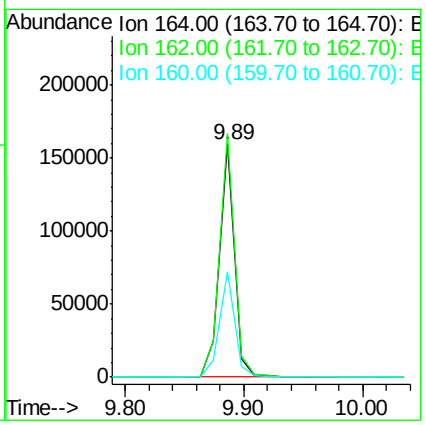
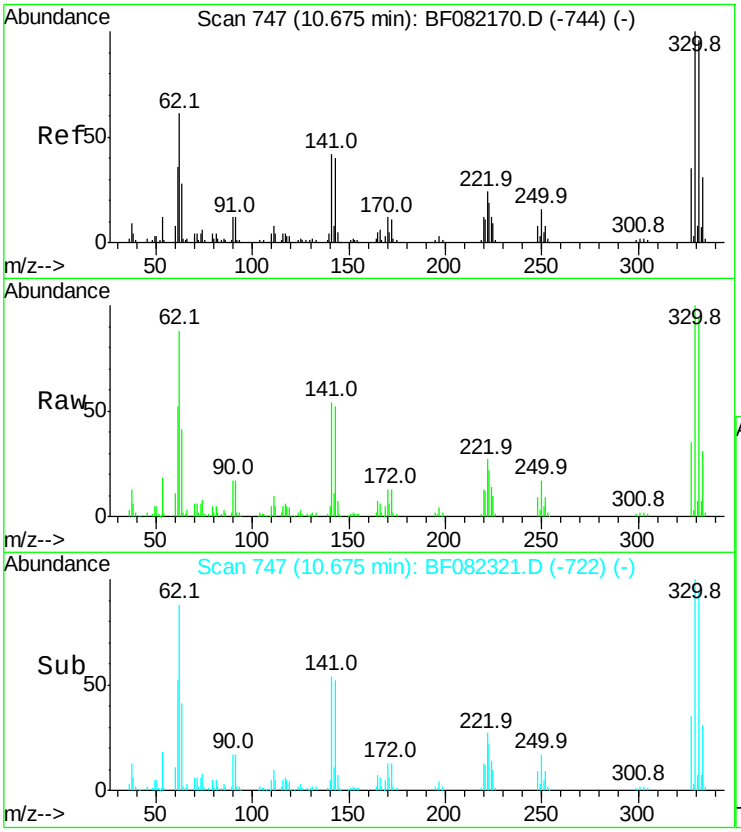


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF082321.D
Acq: 16 Oct 2015 12:49

Tgt Ion:164 Resp: 137450

Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.6	122.4
160	45.2	36.4	54.6

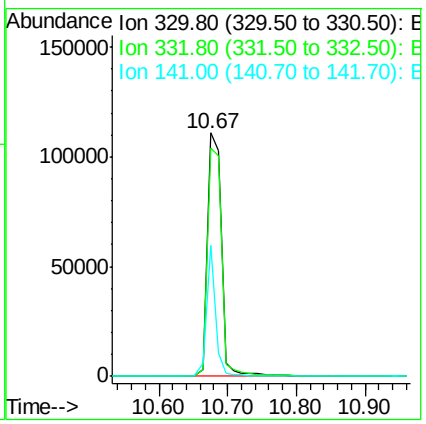




#41
2,4,6-Tribromophenol
Concen: 124.24 ng
RT: 10.67 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF082321.D
Acq: 16 Oct 2015 12:49

Tgt Ion:330 Resp: 160154

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	34.4	29.8	44.8



Instrument :
BNA_F
ClientSampleId :
PB86109BL

Manual Integrations APPROVED
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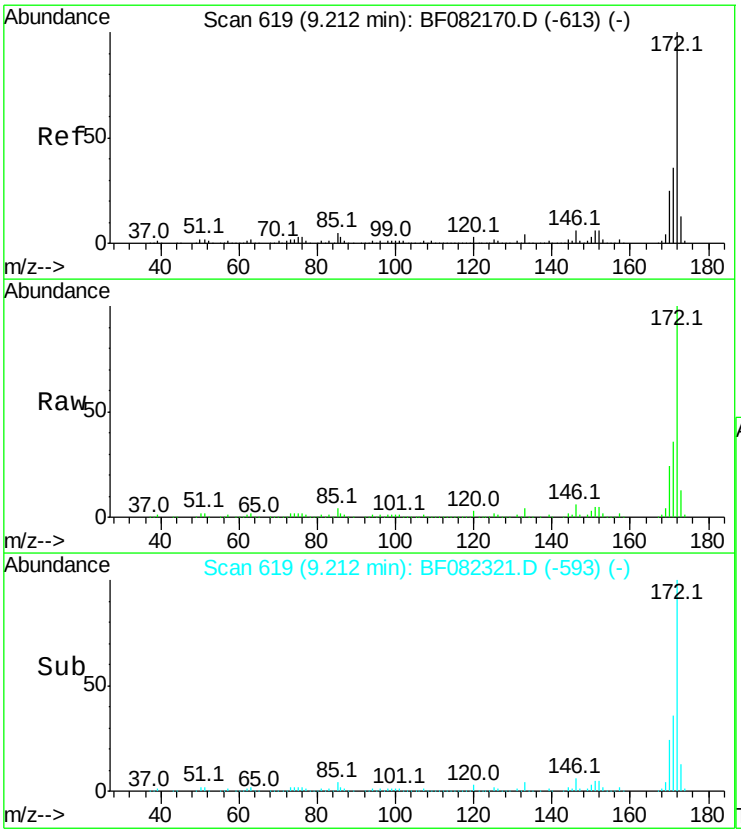
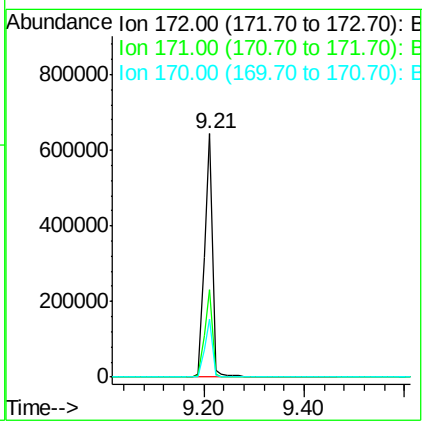
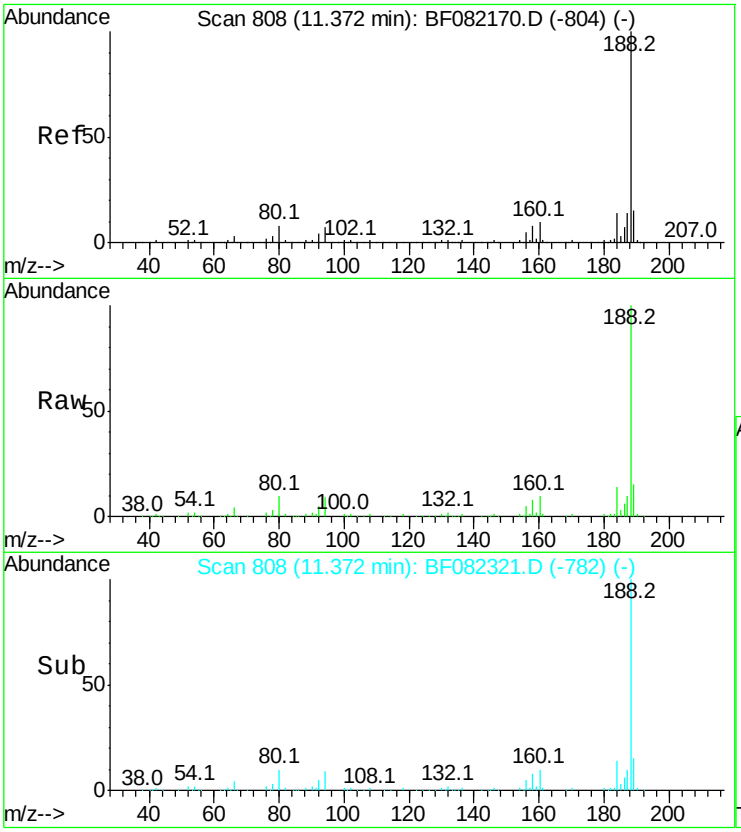


#44
2-Fluorobiphenyl
Concen: 84.88 ng
RT: 9.21 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF082321.D
Acq: 16 Oct 2015 12:49

Tgt Ion:172 Resp: 703535

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.8	19.7	29.5

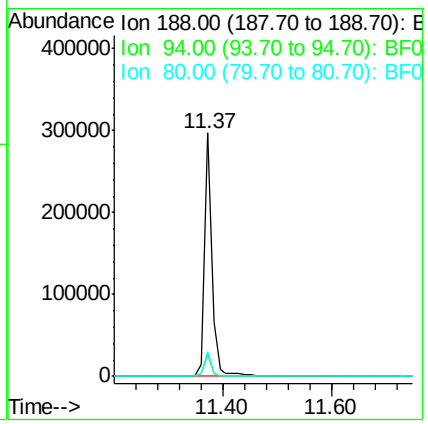




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF082321.D
Acq: 16 Oct 2015 12:49

Tgt Ion:188 Resp: 280930

Ion	Ratio	Lower	Upper
188	100		
94	9.0	5.8	8.6#
80	10.1	6.4	9.6#



Instrument :
BNA_F
ClientSampleId :
PB86109BL

Manual Integrations APPROVED
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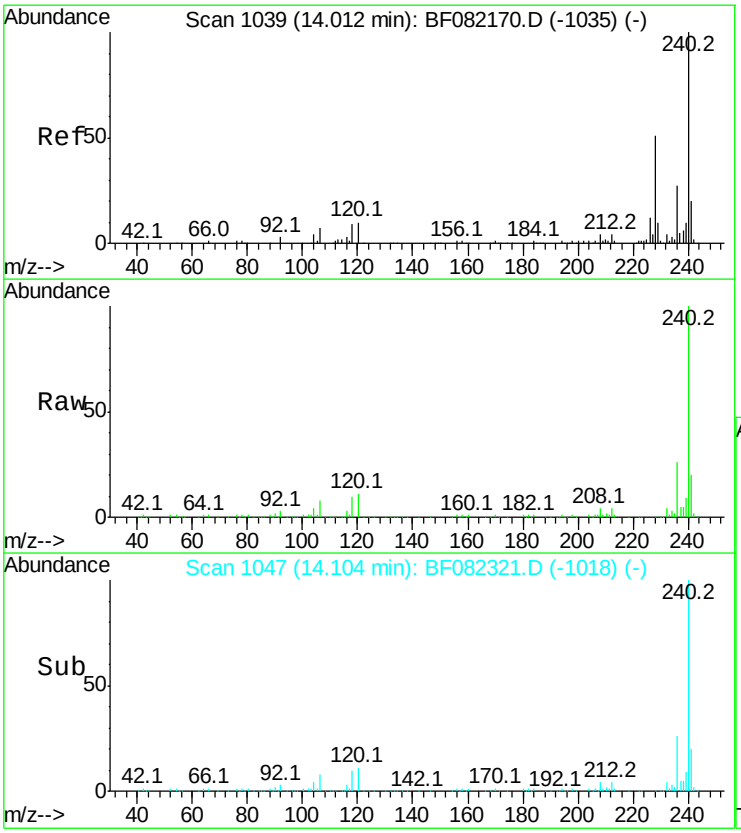
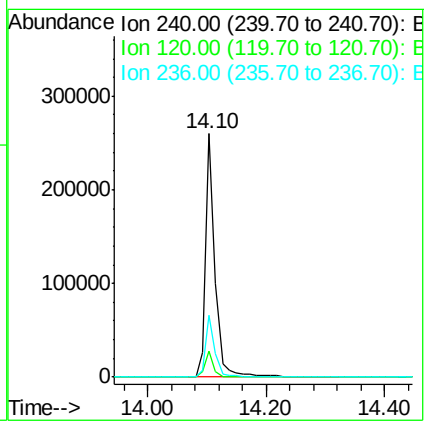
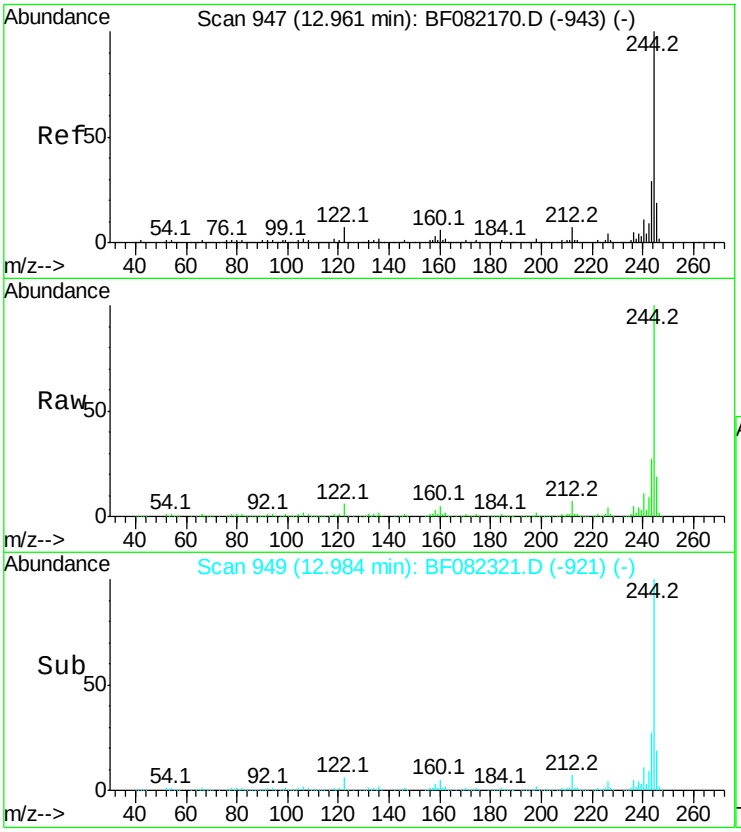


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1047
Delta R.T. 0.03 min
Lab File: BF082321.D
Acq: 16 Oct 2015 12:49

Tgt Ion:240 Resp: 295541

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.1	12.1
236	25.5	21.3	31.9

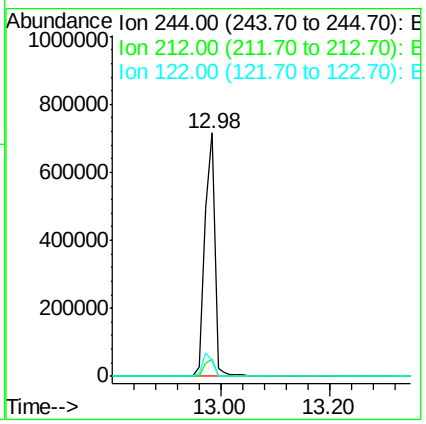




#78
Terphenyl-d14
Concen: 80.38 ng
RT: 12.98 min Scan# 949
Delta R.T. 0.02 min
Lab File: BF082321.D
Acq: 16 Oct 2015 12:49

Tgt Ion:244 Resp: 896505

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	6.4	5.9	8.9



Instrument :
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ClientSampleId :
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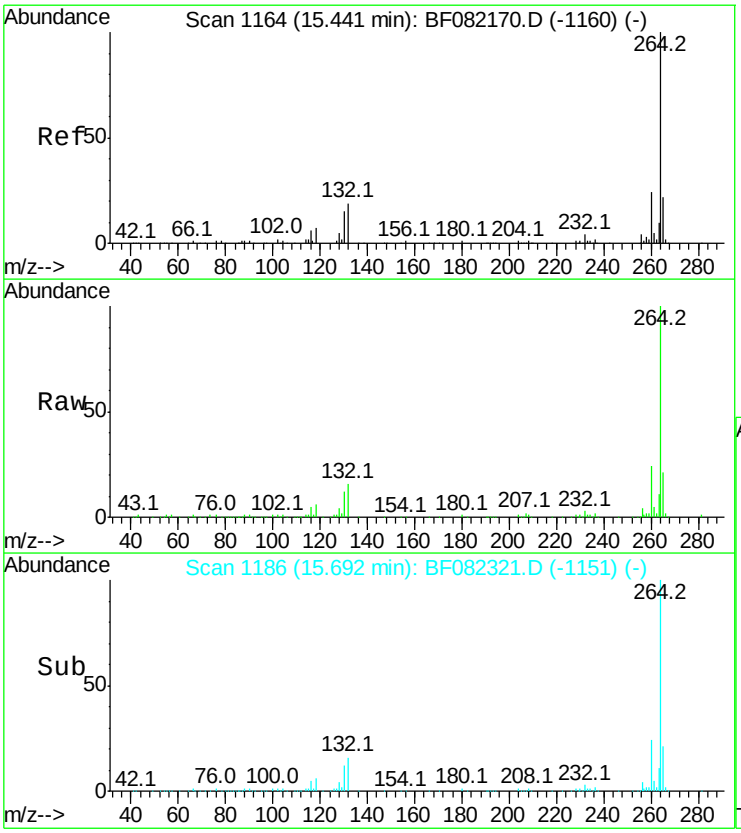
10/19/2015 5:32:03 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.69 min Scan# 1186
Delta R.T. 0.10 min
Lab File: BF082321.D
Acq: 16 Oct 2015 12:49

Tgt Ion:264 Resp: 243052

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.3	17.3	25.9