Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085321.D
Acq On : 10 Mar 2016 1:52
Operator : UM/SJ
Sample : H1722-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-34(0.5-2.0)

Manual Integrations APPROVED
UMANGI
3/10/2016 11:17:28 AM

Quant Time: Mar 10 02:41:57 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	168572	20.00	ng	-0.05
21) Naphthalene-d8	8.23	136	753792	20.00	ng	-0.03
38) Acenaphthene-d10	9.99	164	347683	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	660953	20.00	ng	-0.03
75) Chrysene-d12	14.11	240	354276	20.00	ng	-0.05
86) Perylene-d12	15.57	264	257576	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1315677	130.92	ng	-0.02
7) Phenol-d6	6.57	99	1758089	133.53	ng	-0.03
23) Nitrobenzene-d5	7.51	82	1194199	84.78	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	446535	150.10	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1764754	77.19	ng	-0.05
78) Terphenyl-d14	13.07	244	1579060	103.47	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	489902	18.36	ng	98
74) Fluoranthene	12.69	202	95322	2.74	ng	93
77) Pyrene	12.92	202	85549	3.21	ng	97

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085321.D
Acq On : 10 Mar 2016 1:52
Operator : UM/SJ
Sample : H1722-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 10 02:41:57 2016
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Instrument :
BNA_F
ClientSampleId :
W170TH-SB-34(0.5-2.0)

Manual Integrations APPROVED
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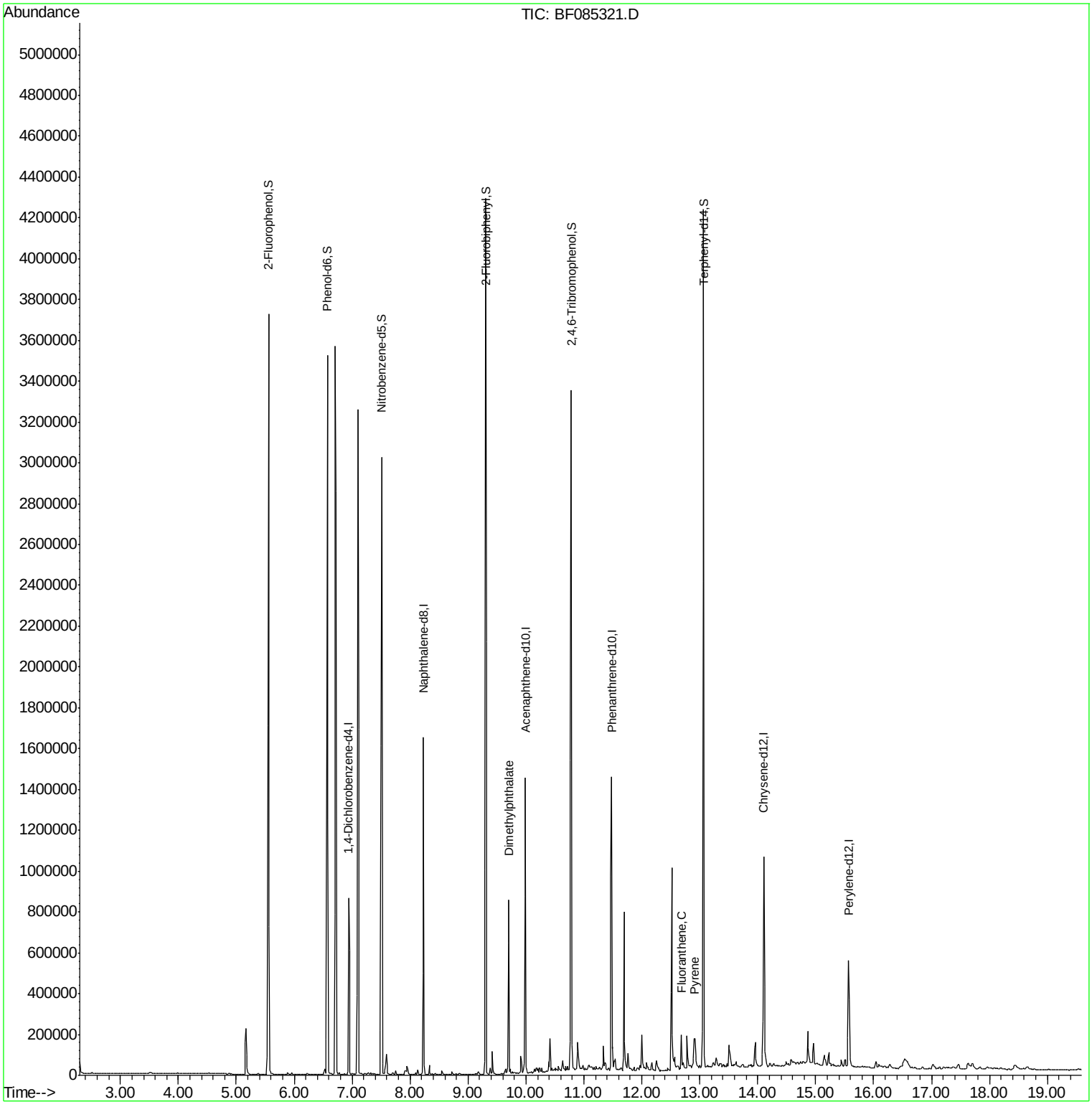
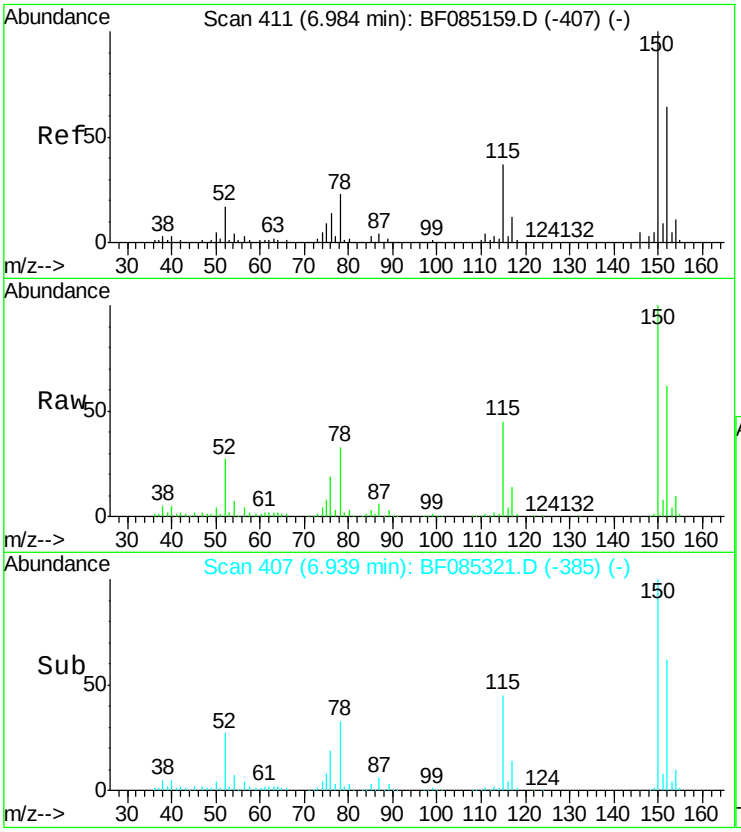
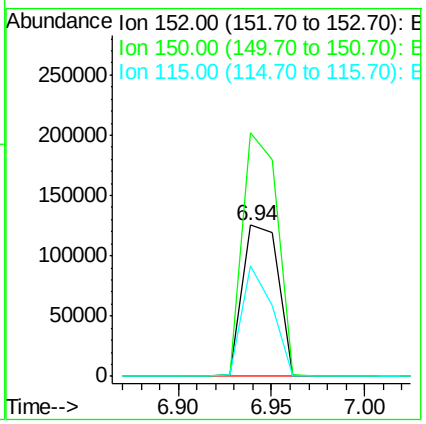




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF085321.D
Acq: 10 Mar 2016 1:52

Tgt Ion:152 Resp: 168572

Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.6	186.8
115	73.2	46.6	70.0#



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-34(0.5-2.0)

Manual Integrations APPROVED
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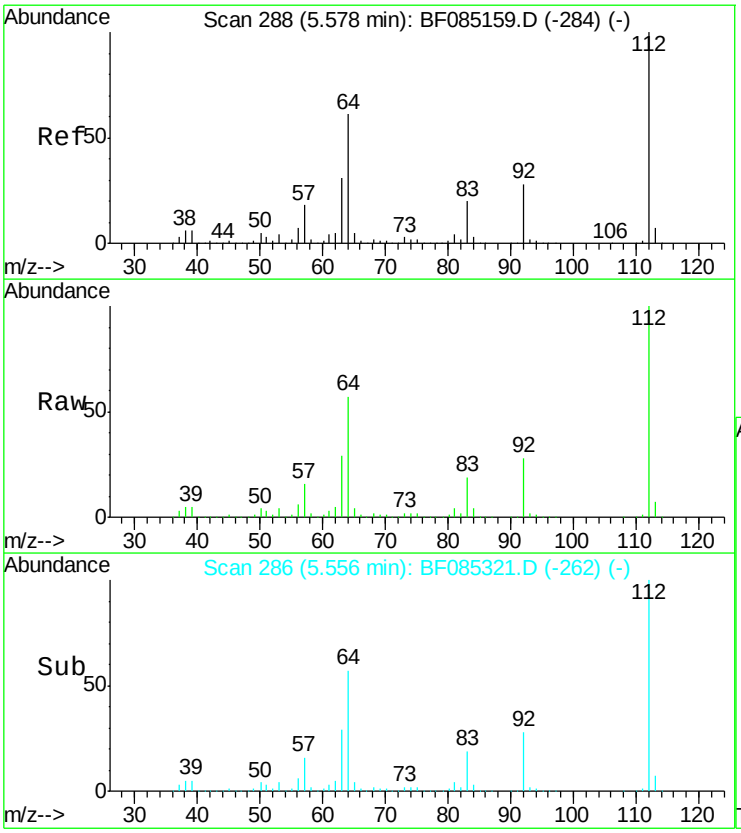
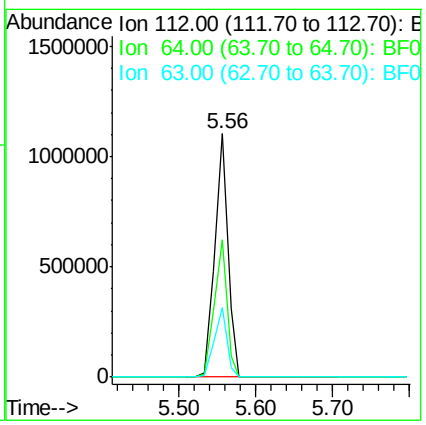
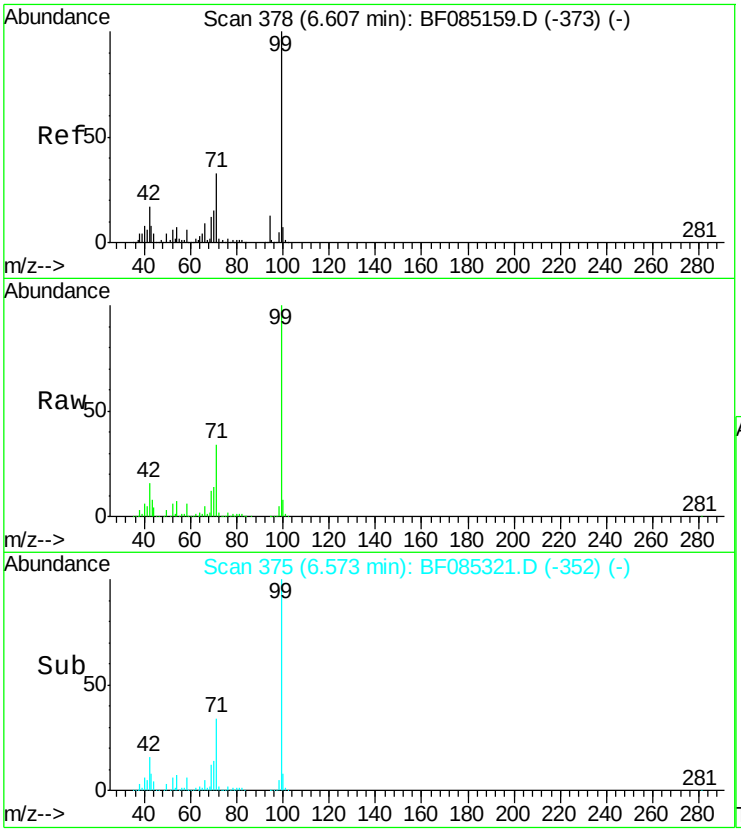


#5
2-Fluorophenol
Concen: 130.92 ng
RT: 5.56 min Scan# 286
Delta R.T. -0.02 min
Lab File: BF085321.D
Acq: 10 Mar 2016 1:52

Tgt Ion:112 Resp: 1315677

Ion	Ratio	Lower	Upper
112	100		
64	56.7	49.0	73.4
63	28.6	24.8	37.2

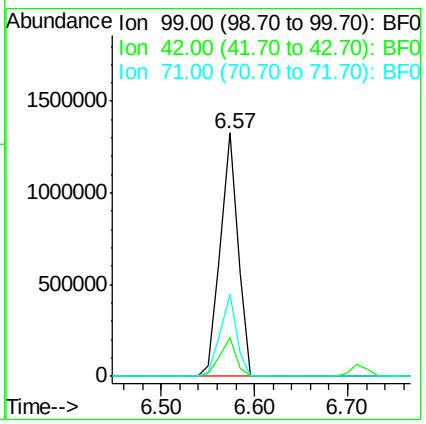




#7
Phenol-d6
Concen: 133.53 ng
RT: 6.57 min Scan# 375
Delta R.T. -0.03 min
Lab File: BF085321.D
Acq: 10 Mar 2016 1:52

Tgt Ion: 99 Resp: 1758089

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.6	20.4
71	33.9	26.7	40.1



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-34(0.5-2.0)

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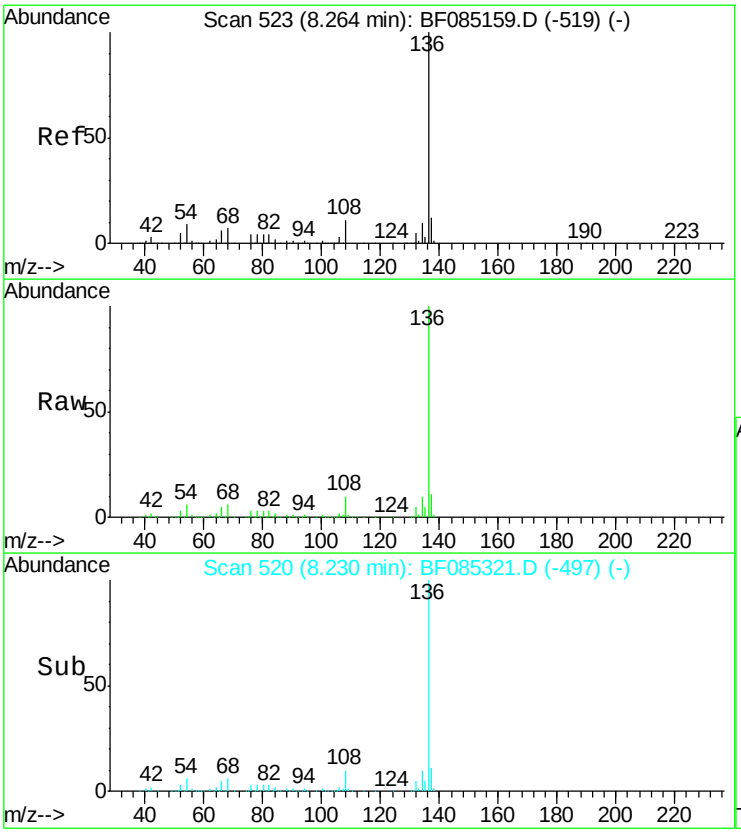
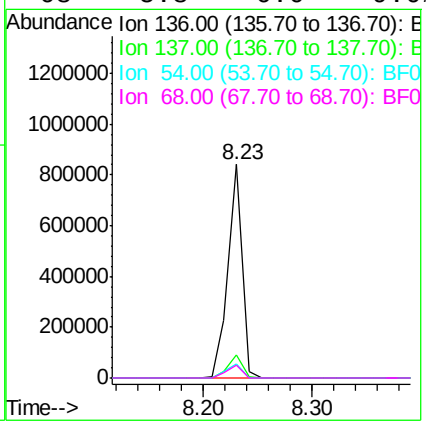
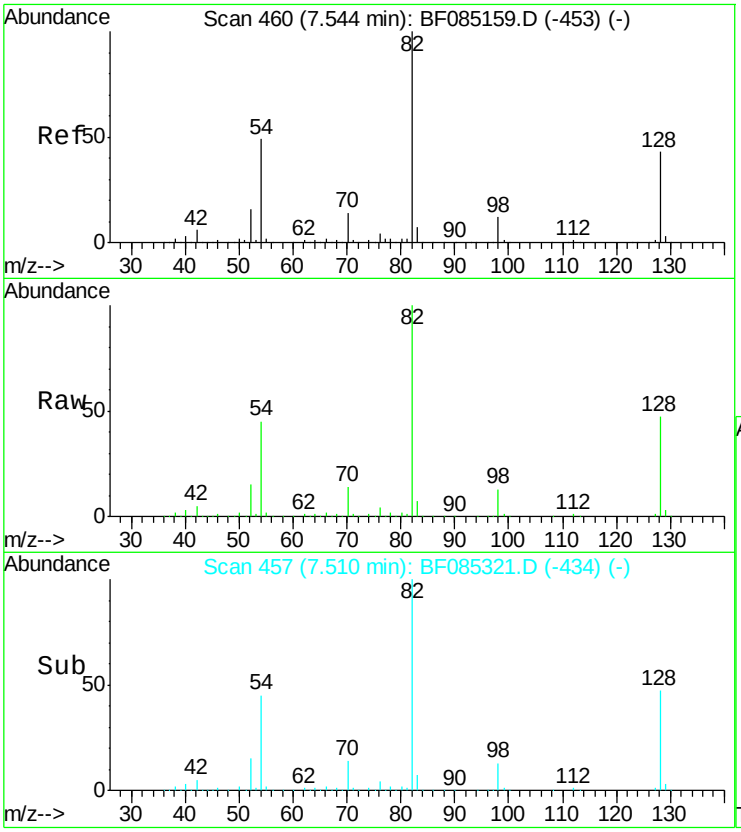


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF085321.D
Acq: 10 Mar 2016 1:52

Tgt Ion:136 Resp: 753792

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	6.4	7.4	11.2#
68	5.8	6.0	9.0#

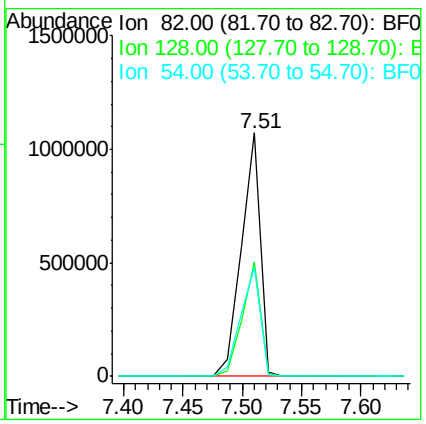




#23
Nitrobenzene-d5
Concen: 84.78 ng
RT: 7.51 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF085321.D
Acq: 10 Mar 2016 1:52

Tgt Ion: 82 Resp: 1194199

Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.5	51.7
54	45.1	39.3	58.9



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-34(0.5-2.0)

Manual Integrations APPROVED
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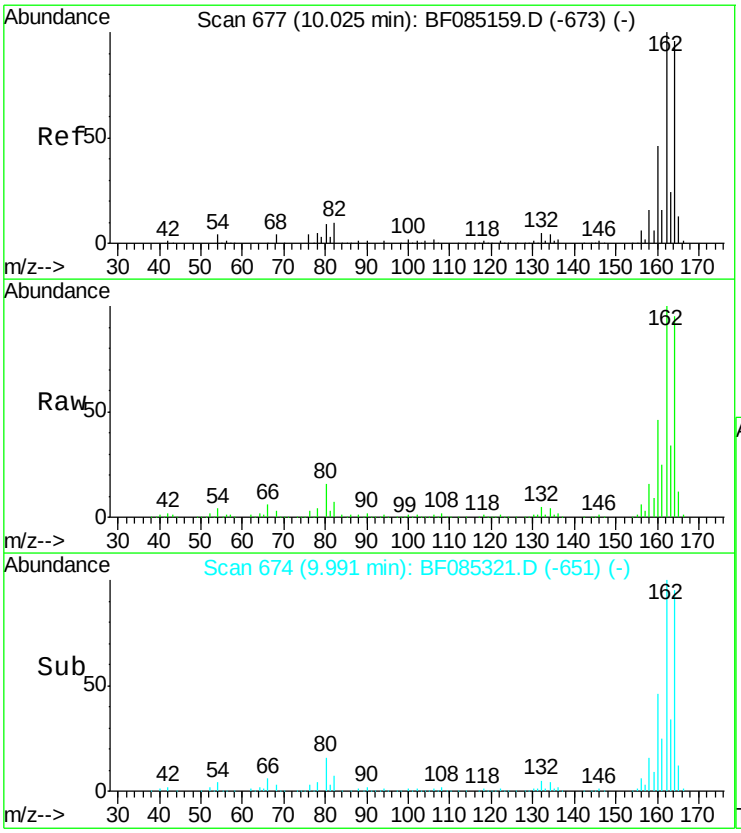
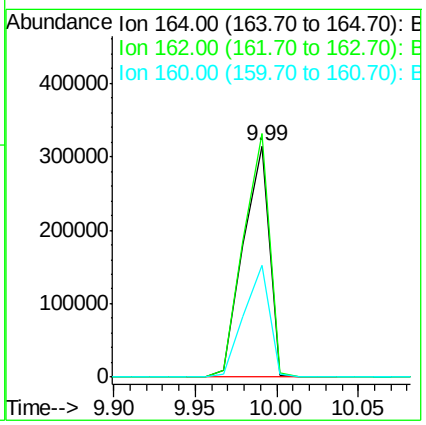
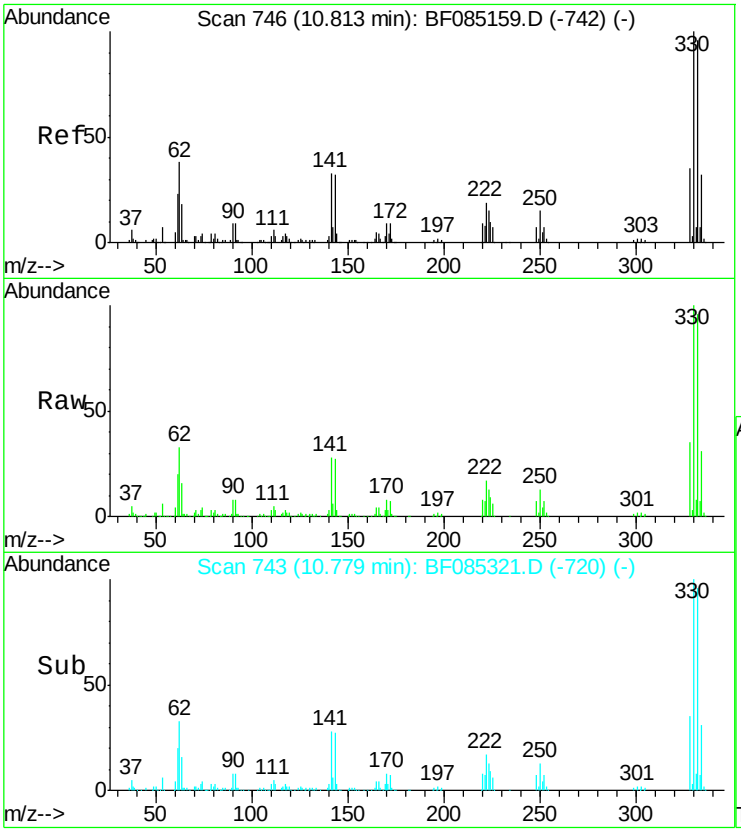


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF085321.D
Acq: 10 Mar 2016 1:52

Tgt Ion:164 Resp: 347683

Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.3	124.9
160	48.7	37.9	56.9

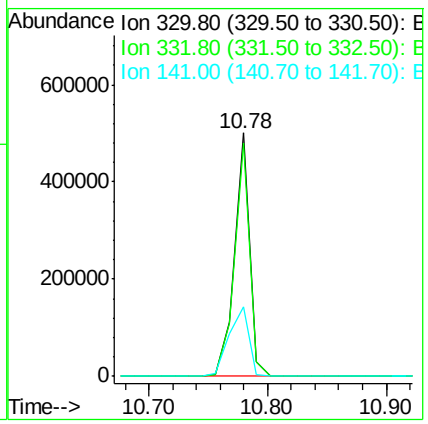




#41
2,4,6-Tribromophenol
Concen: 150.10 ng
RT: 10.78 min Scan# 743
Delta R.T. -0.03 min
Lab File: BF085321.D
Acq: 10 Mar 2016 1:52

Tgt Ion:330 Resp: 446535

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	37.0	35.0	52.6



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-34(0.5-2.0)

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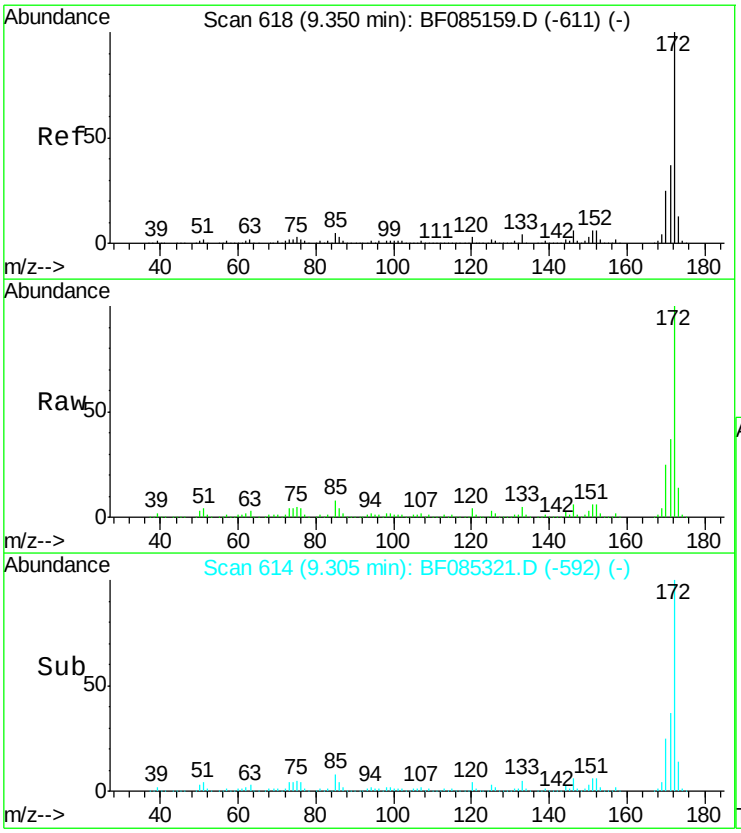
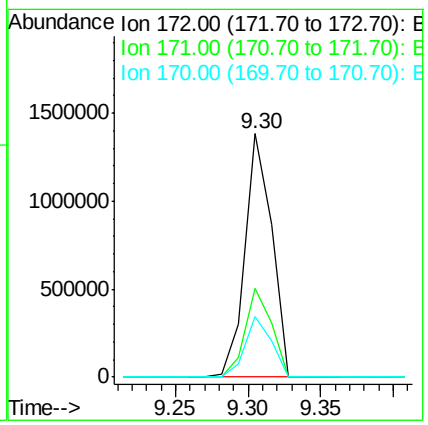
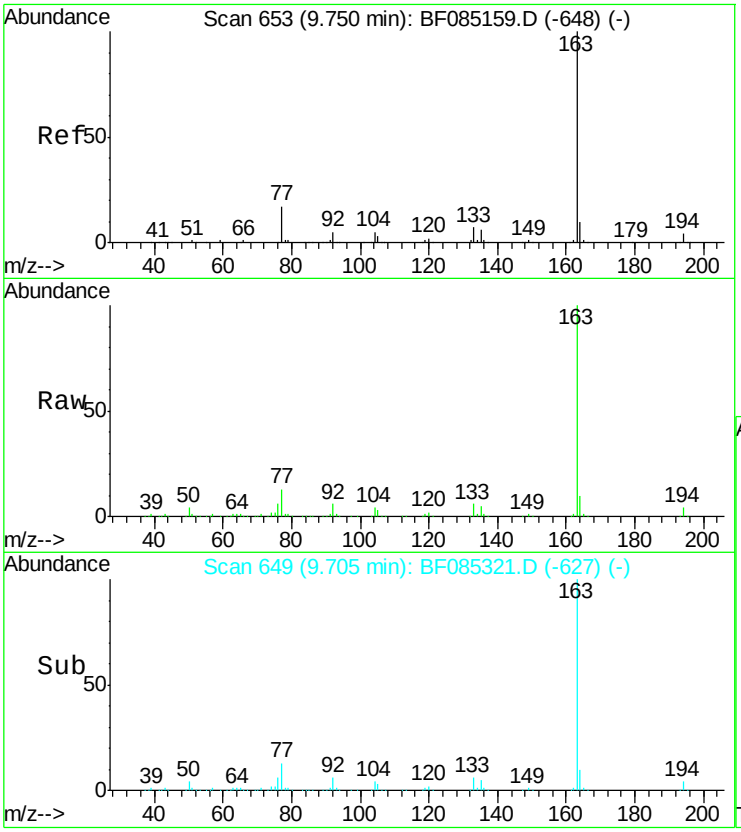


#44
2-Fluorobiphenyl
Concen: 77.19 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.05 min
Lab File: BF085321.D
Acq: 10 Mar 2016 1:52

Tgt Ion:172 Resp: 1764754

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.3	43.9
170	24.9	20.0	30.0

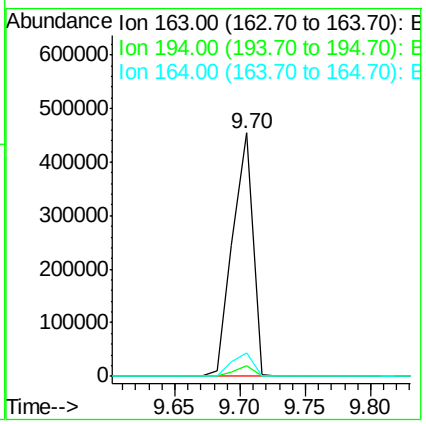




#49
Dimethylphthalate
Concen: 18.36 ng
RT: 9.70 min Scan# 649
Delta R.T. -0.05 min
Lab File: BF085321.D
Acq: 10 Mar 2016 1:52

Tgt Ion:163 Resp: 489902

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	9.6	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-34(0.5-2.0)

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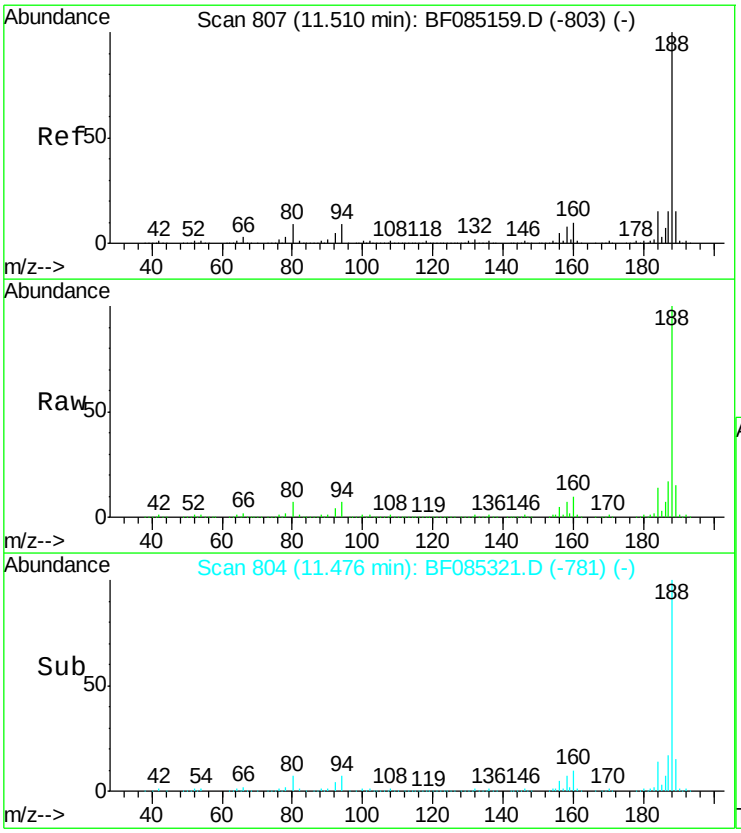
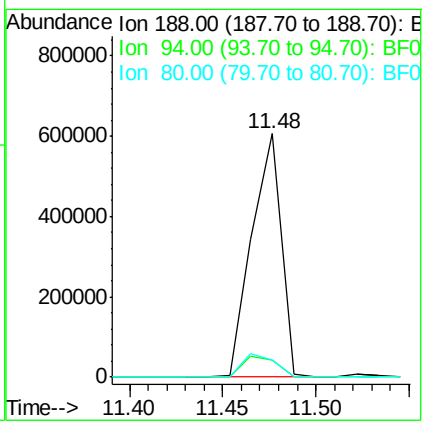
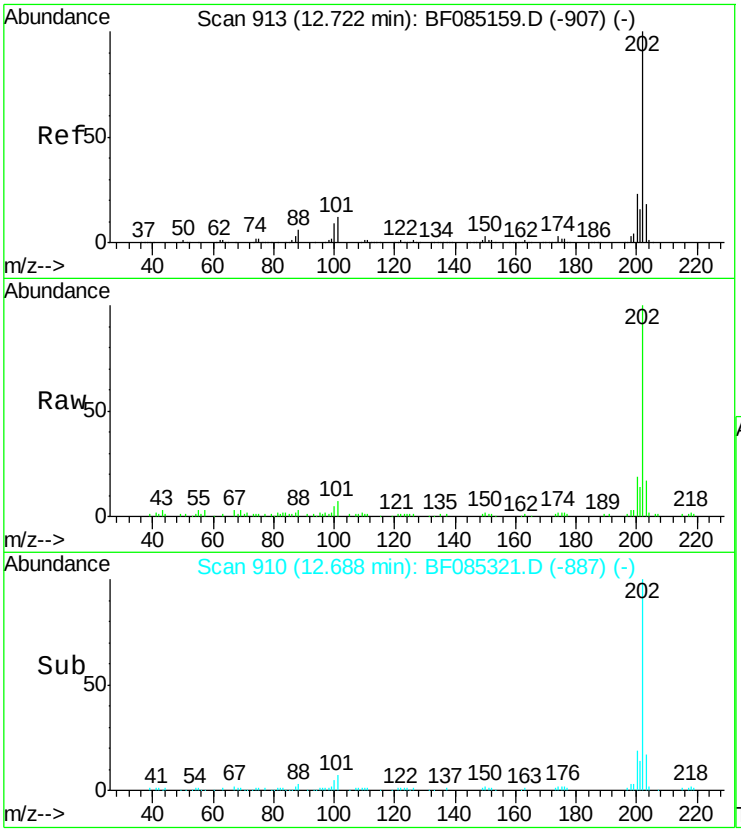


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF085321.D
Acq: 10 Mar 2016 1:52

Tgt Ion:188 Resp: 660953

Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.0	10.6
80	7.2	7.4	11.0#

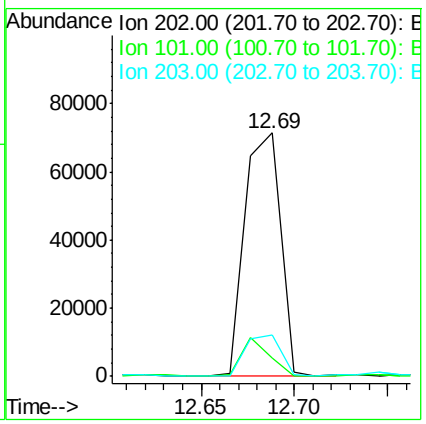




#74
Fluoranthene
Concen: 2.74 ng
RT: 12.69 min Scan# 910
Delta R.T. -0.03 min
Lab File: BF085321.D
Acq: 10 Mar 2016 1:52

Tgt Ion:202 Resp: 95322

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	31.8
203	16.8	0.0	38.4



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-34(0.5-2.0)

Manual Integrations APPROVED
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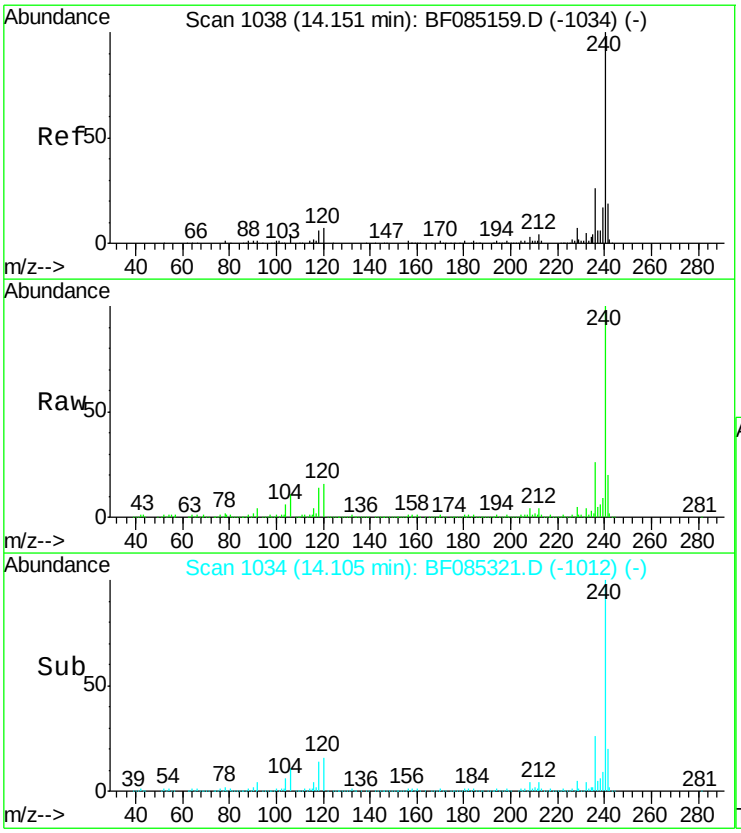
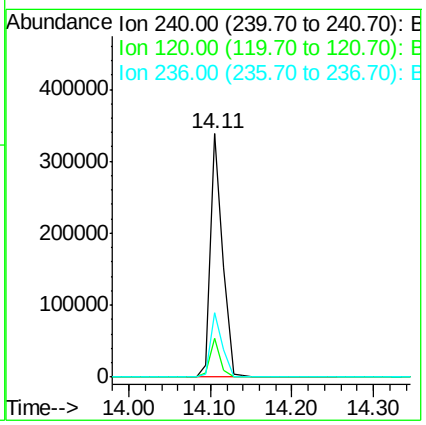
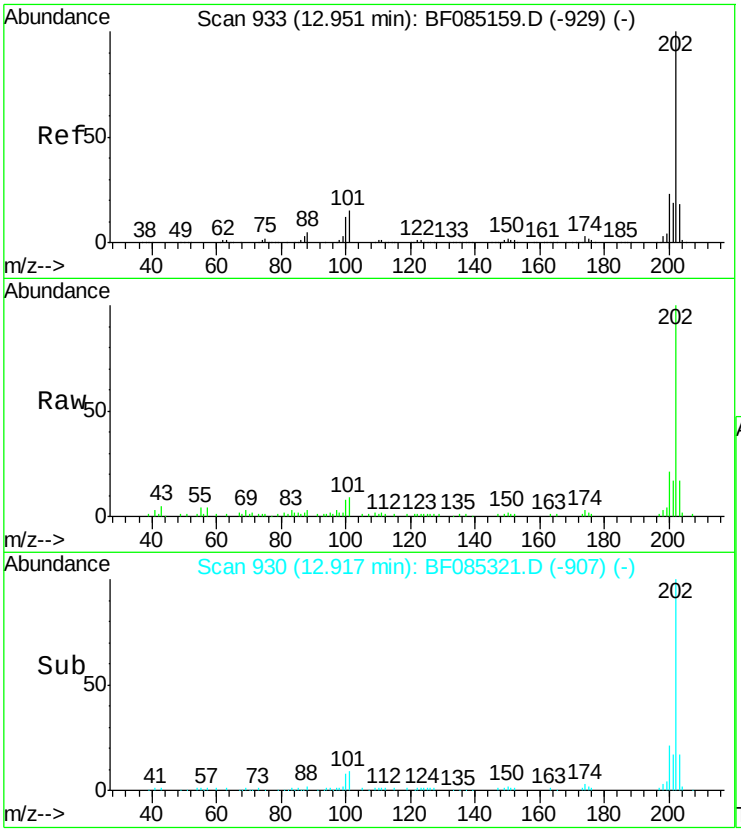


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF085321.D
Acq: 10 Mar 2016 1:52

Tgt Ion:240 Resp: 354276

Ion	Ratio	Lower	Upper
240	100		
120	15.9	5.3	7.9#
236	26.2	20.7	31.1

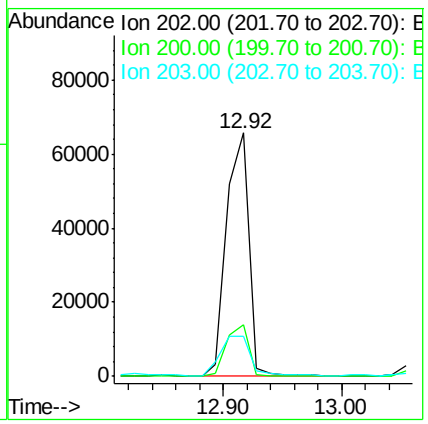




#77
Pyrene
Concen: 3.21 ng
RT: 12.92 min Scan# 930
Delta R.T. -0.03 min
Lab File: BF085321.D
Acq: 10 Mar 2016 1:52

Tgt Ion:202 Resp: 85549

Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.2	27.4
203	16.6	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-34(0.5-2.0)

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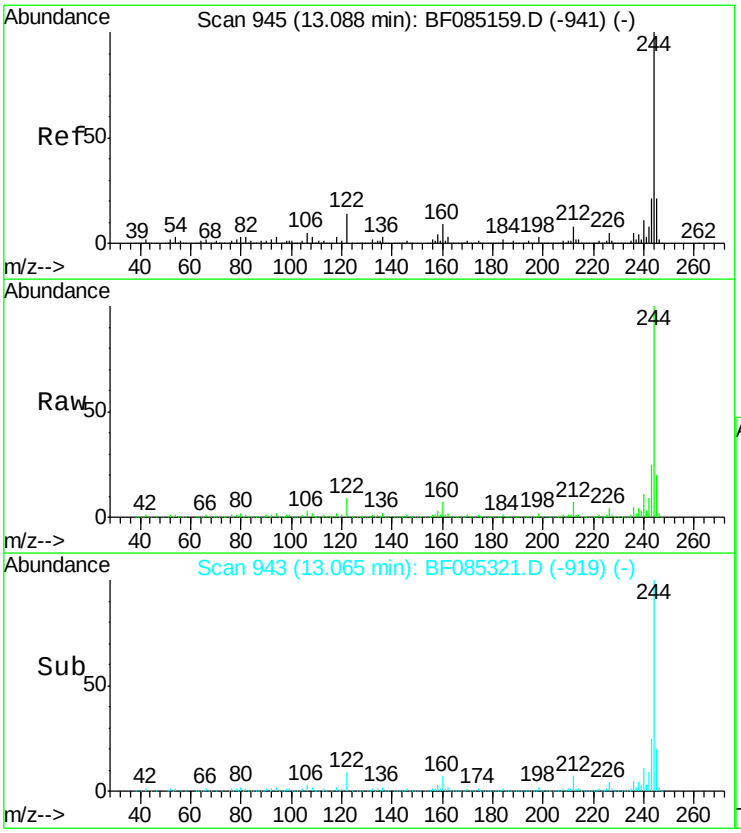
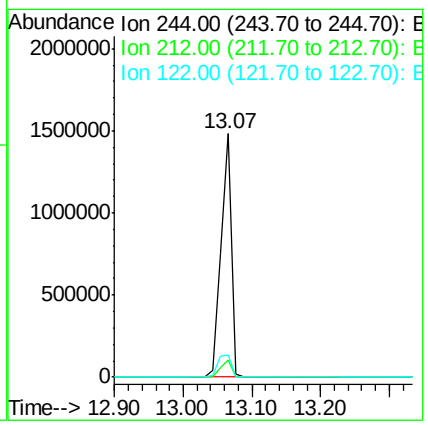
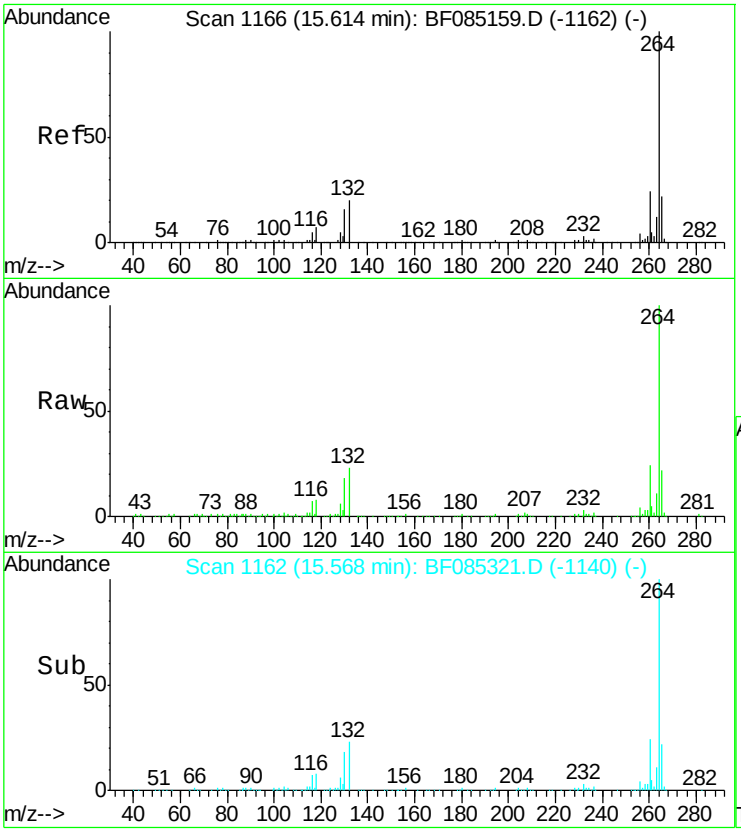


#78
Terphenyl-d14
Concen: 103.47 ng
RT: 13.07 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF085321.D
Acq: 10 Mar 2016 1:52

Tgt Ion:244 Resp: 1579060

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.4	9.6
122	9.4	11.4	17.2#

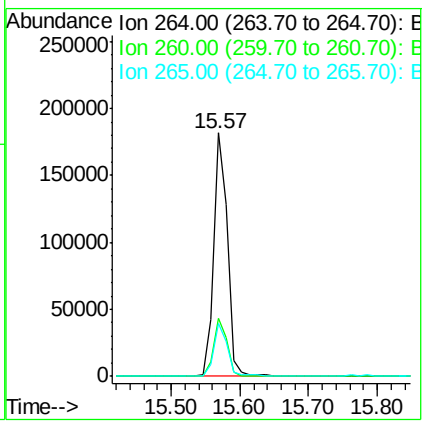




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085321.D
Acq: 10 Mar 2016 1:52

Tgt Ion:264 Resp: 257576

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.8	17.3	25.9



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-34(0.5-2.0)

Manual Integrations APPROVED
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3/10/2016 11:17:28 AM