Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082093.D
Acq On : 6 Oct 2015 19:42
Operator : UM/IZ
Sample : G3906-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-MLA-DGA-01

Manual Integrations APPROVED
mmdadoda
10/7/2015 4:52:12 PM

Quant Time: Oct 07 05:56:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 02:00:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	89581	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	337399	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	154867	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	283621	20.00	ng	0.00
75) Chrysene-d12	14.06	240	241085	20.00	ng	-0.01
86) Perylene-d12	15.51	264	202726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	699220	141.69	ng	0.01
7) Phenol-d6	6.51	99	873900	140.74	ng	0.00
23) Nitrobenzene-d5	7.45	82	554761	109.60	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	240435	153.30	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	803115	87.22	ng	0.00
78) Terphenyl-d14	12.99	244	664868	90.76	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.65	163	161684	15.13	ng	# 97
74) Fluoranthene	12.63	202	47101	3.10	ng	85
77) Pyrene	12.86	202	48094	3.34	ng	98
82) Chrysene	14.08	228	19823m	2.04	ng	

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

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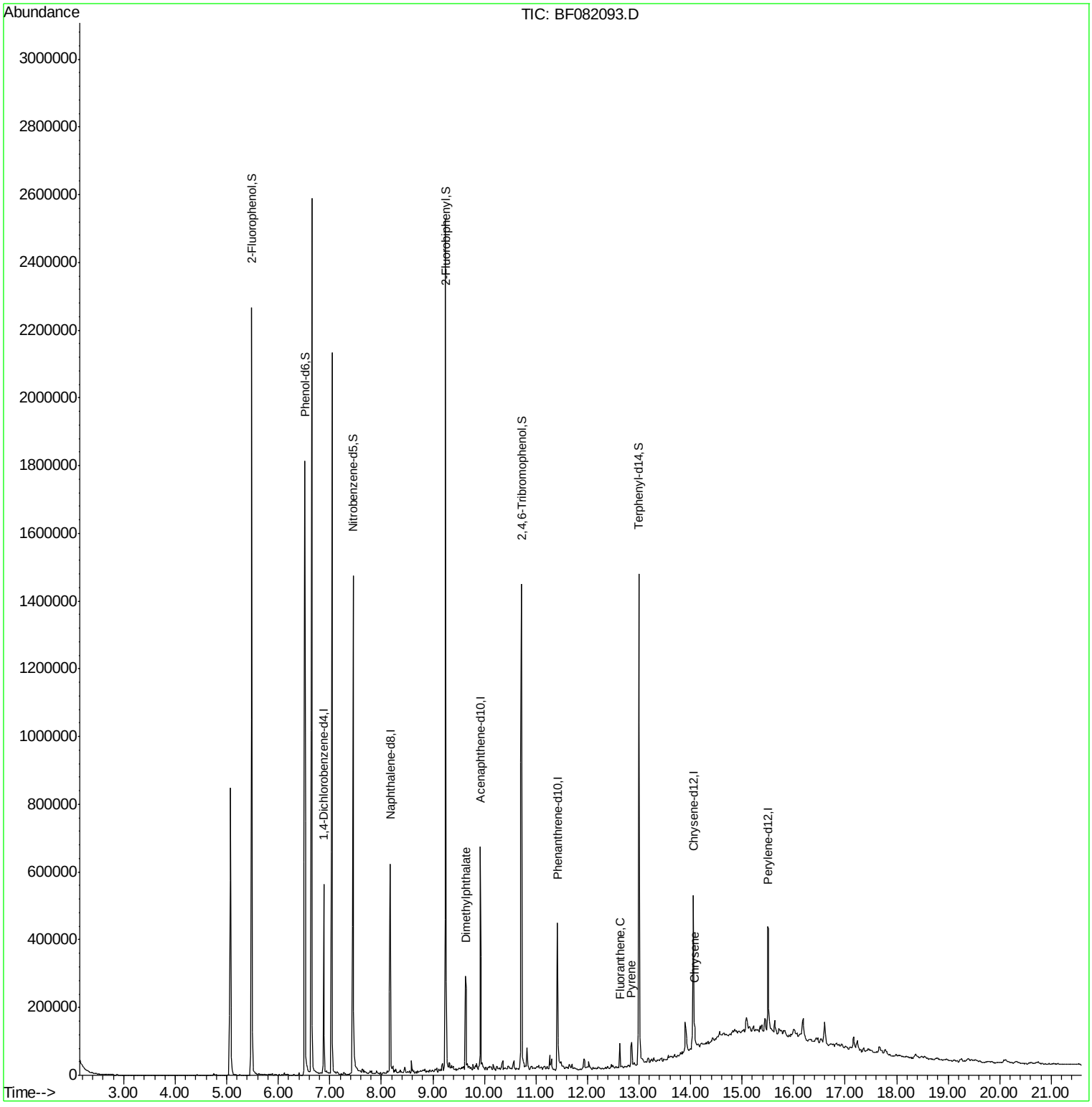
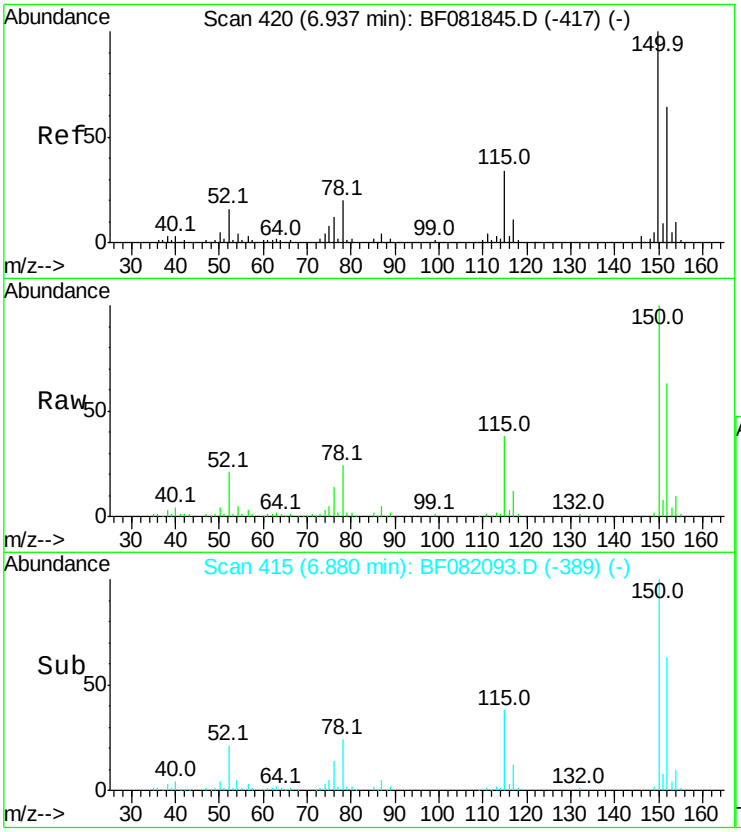
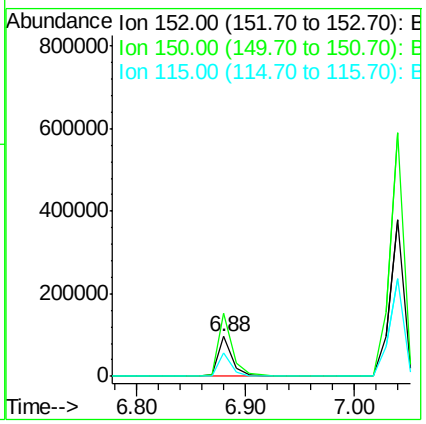




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF082093.D
Acq: 6 Oct 2015 19:42

Tgt Ion:152 Resp: 89581

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.7	187.1
115	59.6	39.0	58.4#



Instrument :
BNA_F
ClientSampleId :
IM-MLA-DGA-01

Manual Integrations APPROVED
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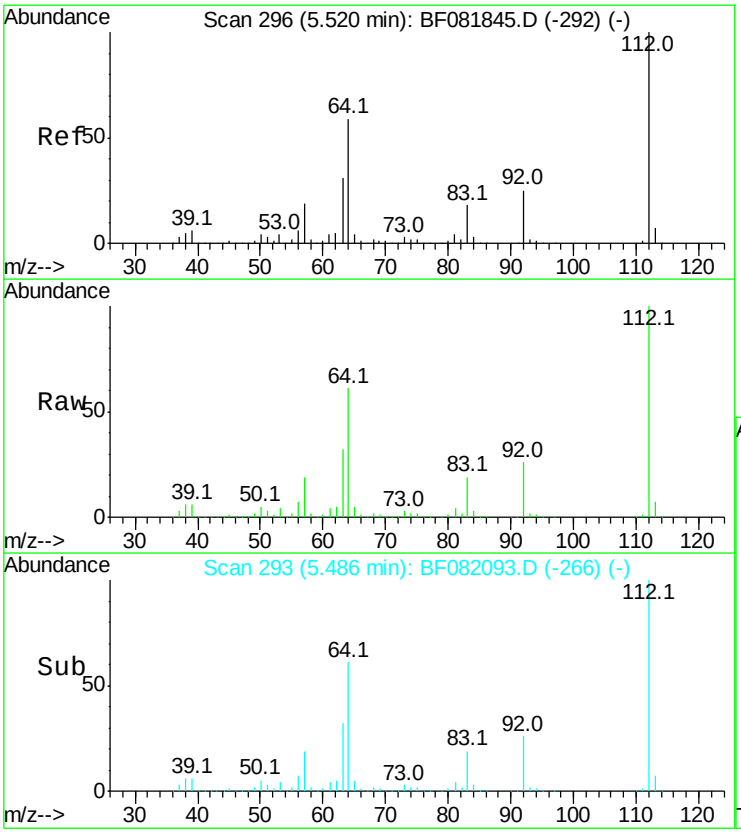
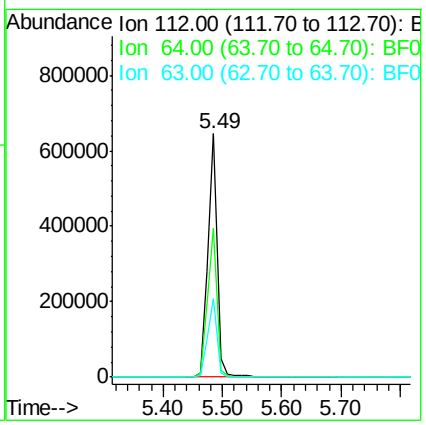
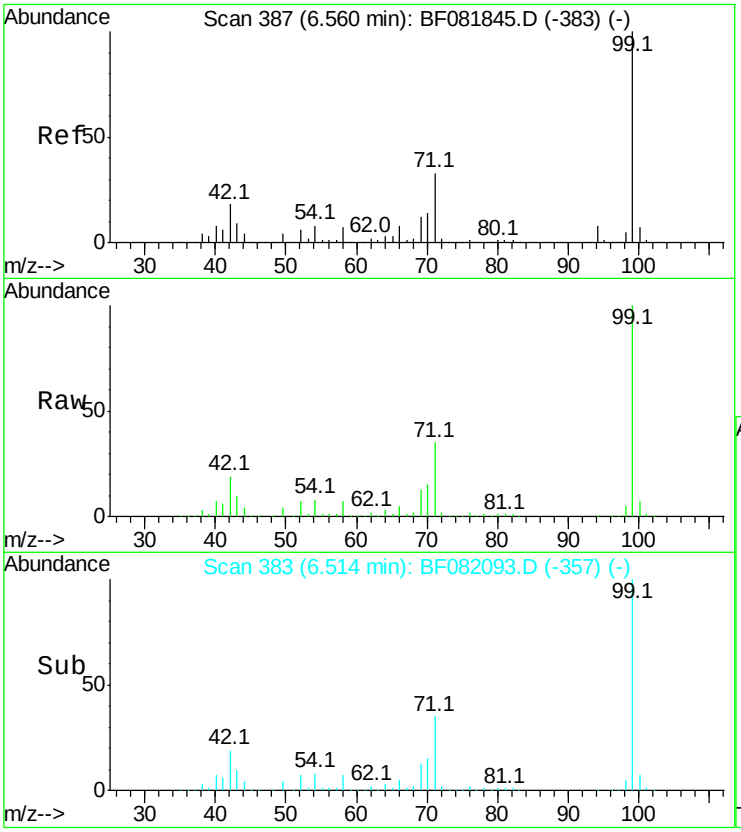


#5
2-Fluorophenol
Concen: 141.69 ng
RT: 5.49 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF082093.D
Acq: 6 Oct 2015 19:42

Tgt Ion:112 Resp: 699220

Ion	Ratio	Lower	Upper
112	100		
64	61.0	39.7	59.5#
63	32.3	17.4	26.0#

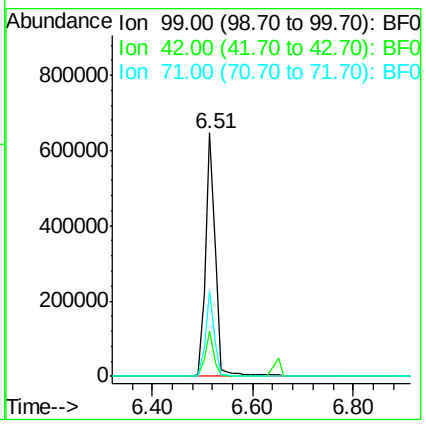




#7
Phenol-d6
Concen: 140.74 ng
RT: 6.51 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF082093.D
Acq: 6 Oct 2015 19:42

Tgt Ion: 99 Resp: 873900

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.7	20.5
71	35.0	14.2	21.2#



Instrument :
BNA_F
ClientSampleId :
IM-MLA-DGA-01

Manual Integrations APPROVED
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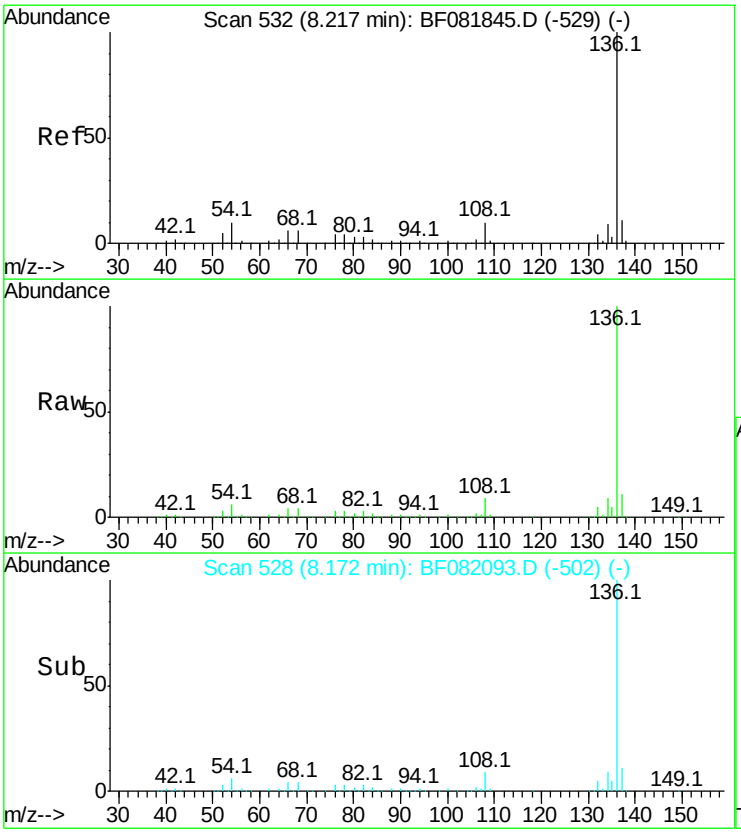
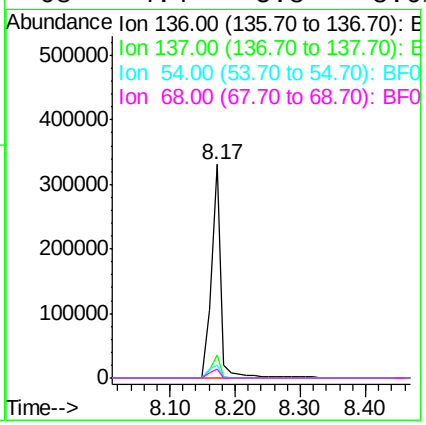
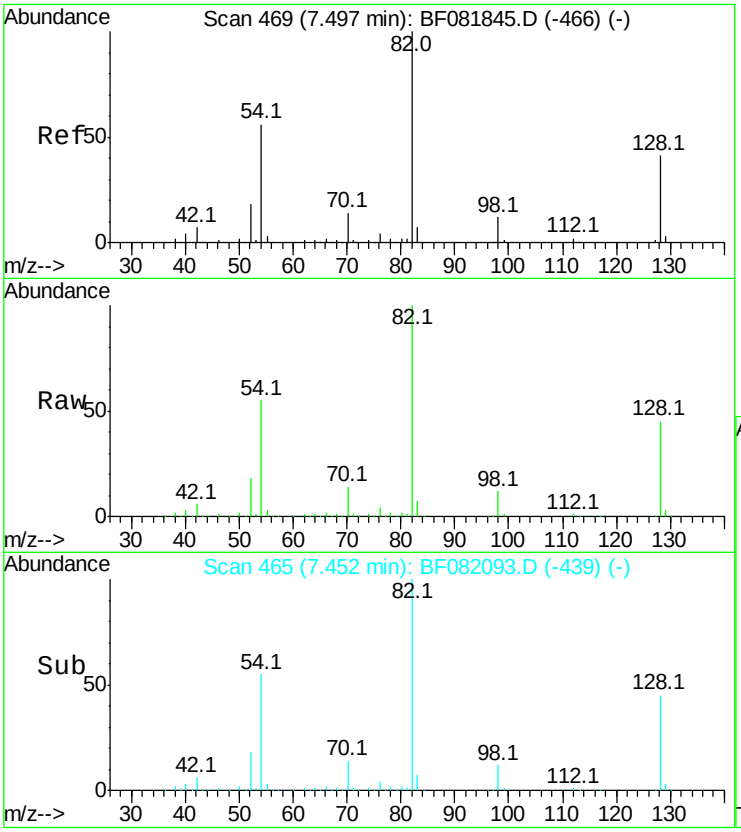


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082093.D
Acq: 6 Oct 2015 19:42

Tgt Ion:136 Resp: 337399

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	6.2	8.2	12.2#
68	4.4	5.8	8.6#

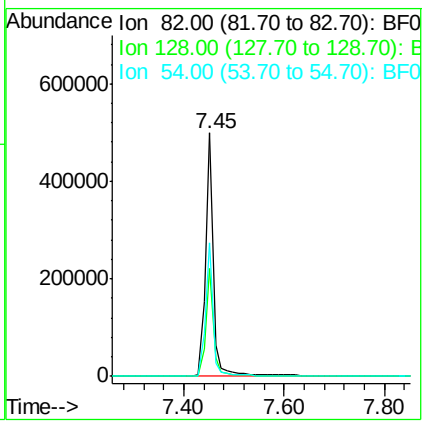




#23
Nitrobenzene-d5
Concen: 109.60 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF082093.D
Acq: 6 Oct 2015 19:42

Tgt Ion: 82 Resp: 554761

Ion	Ratio	Lower	Upper
82	100		
128	44.6	51.0	76.6#
54	54.6	47.5	71.3



Instrument :
BNA_F
ClientSampleId :
IM-MLA-DGA-01

Manual Integrations APPROVED
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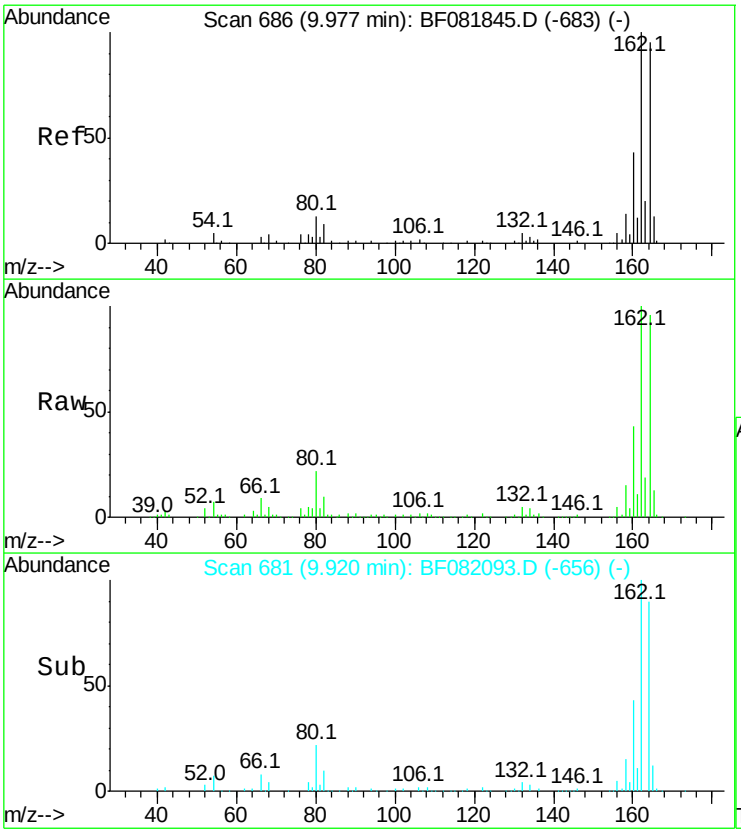
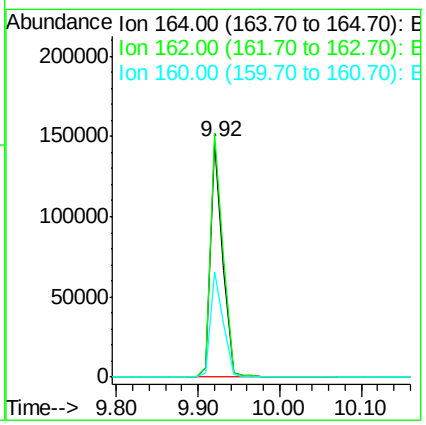
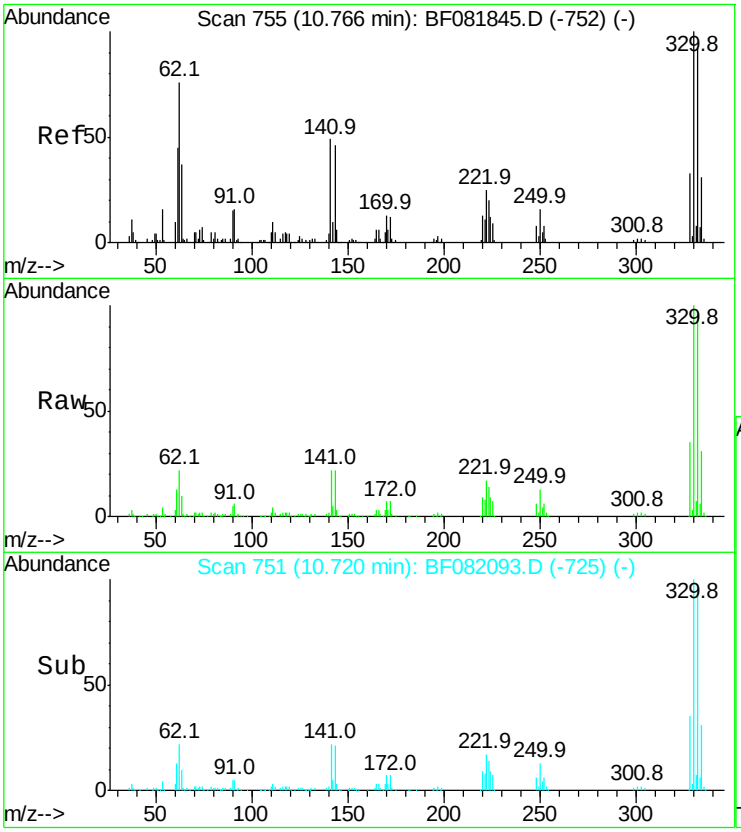


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF082093.D
Acq: 6 Oct 2015 19:42

Tgt Ion:164 Resp: 154867

Ion	Ratio	Lower	Upper
164	100		
162	103.7	75.2	112.8
160	44.8	31.5	47.3

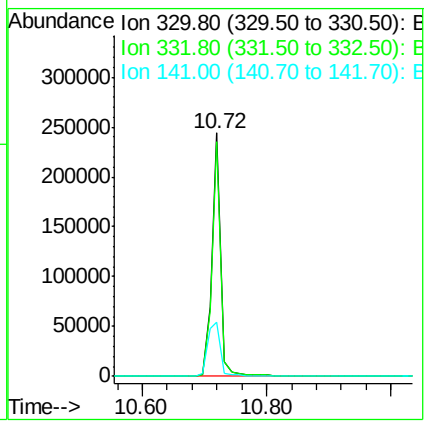




#41
2,4,6-Tribromophenol
Concen: 153.30 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF082093.D
Acq: 6 Oct 2015 19:42

Tgt Ion:330 Resp: 240435

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	32.8	29.7	44.5



Instrument :
BNA_F
ClientSampleId :
IM-MLA-DGA-01

Manual Integrations APPROVED
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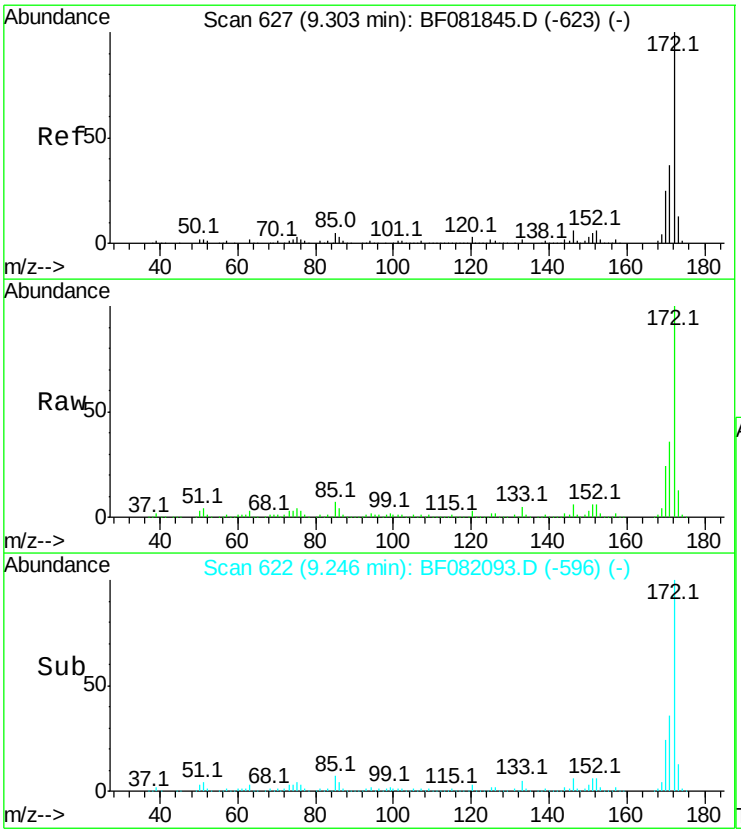
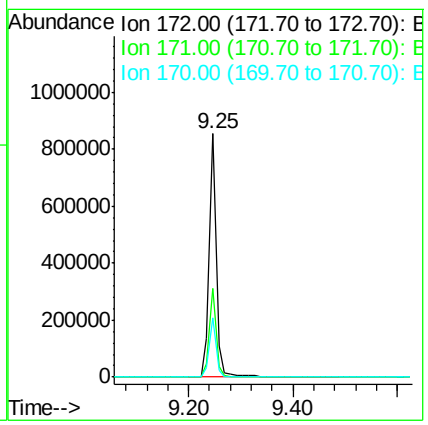
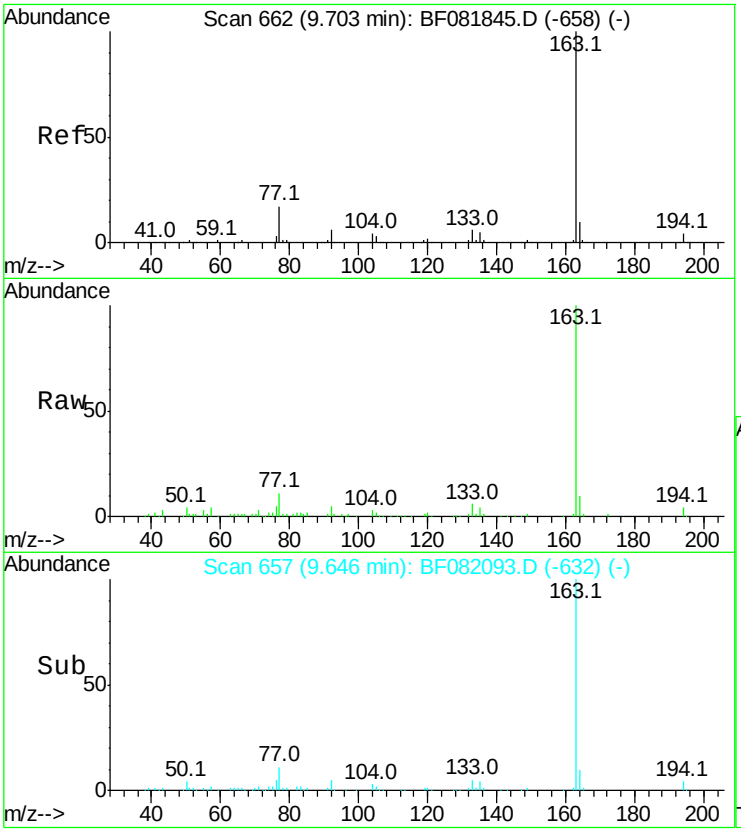


#44
2-Fluorobiphenyl
Concen: 87.22 ng
RT: 9.25 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF082093.D
Acq: 6 Oct 2015 19:42

Tgt Ion:172 Resp: 803115

Ion	Ratio	Lower	Upper
172	100		
171	36.5	26.1	39.1
170	24.4	17.4	26.2

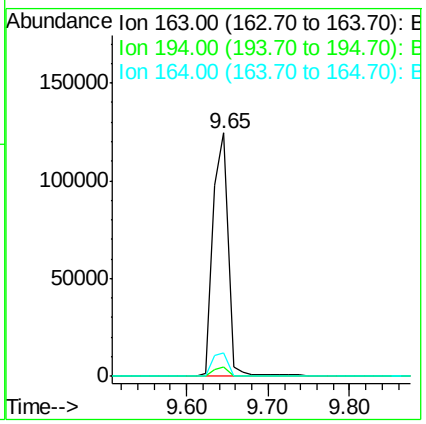




#49
Dimethylphthalate
Concen: 15.13 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF082093.D
Acq: 6 Oct 2015 19:42

Tgt Ion:163 Resp: 161684

Ion	Ratio	Lower	Upper
163	100		
194	4.0	4.4	6.6#
164	9.6	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
IM-MLA-DGA-01

Manual Integrations APPROVED
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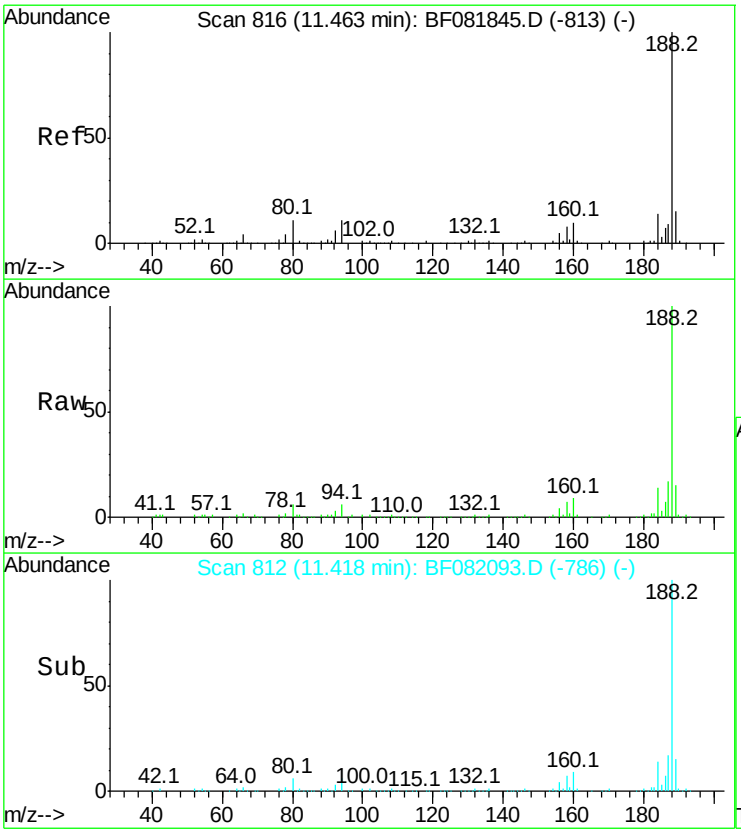
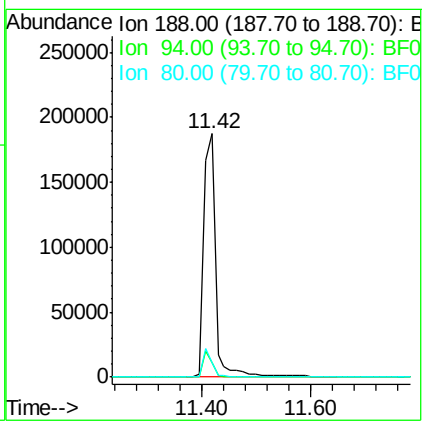
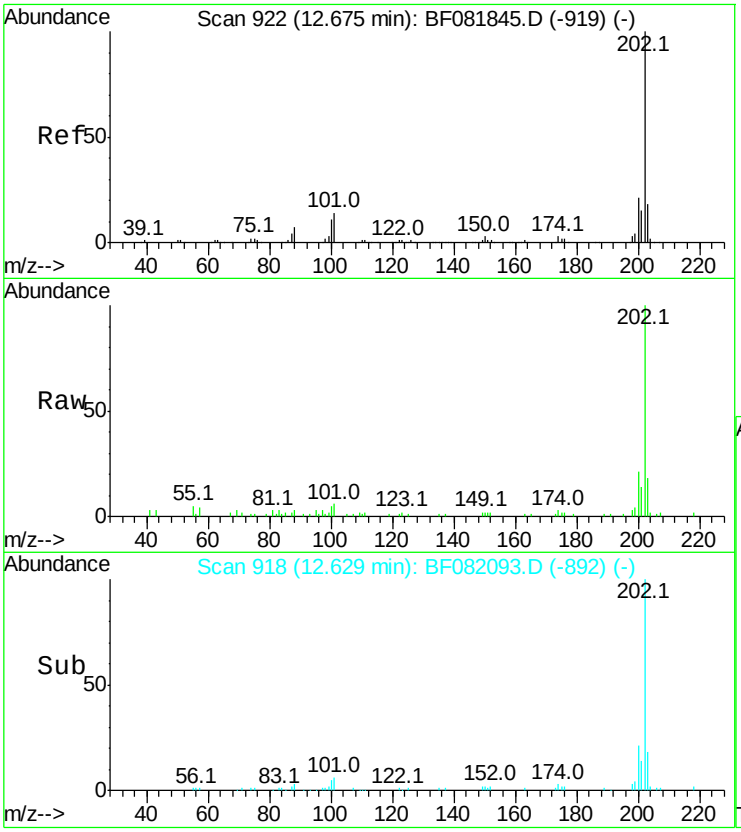


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF082093.D
Acq: 6 Oct 2015 19:42

Tgt Ion:188 Resp: 283621

Ion	Ratio	Lower	Upper
188	100		
94	5.7	11.1	16.7#
80	5.7	11.0	16.4#

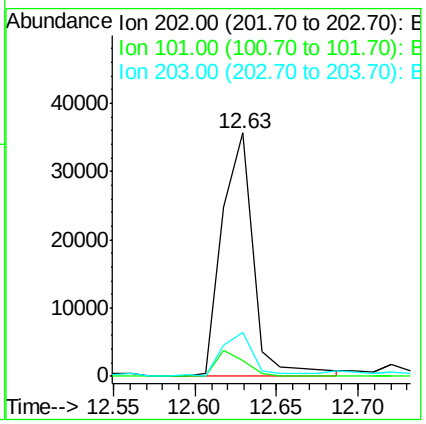




#74
Fluoranthene
Concen: 3.10 ng
RT: 12.63 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF082093.D
Acq: 6 Oct 2015 19:42

Tgt Ion:202 Resp: 47101

Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	38.3
203	18.1	0.0	37.3



Instrument :
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ClientSampleId :
IM-MLA-DGA-01

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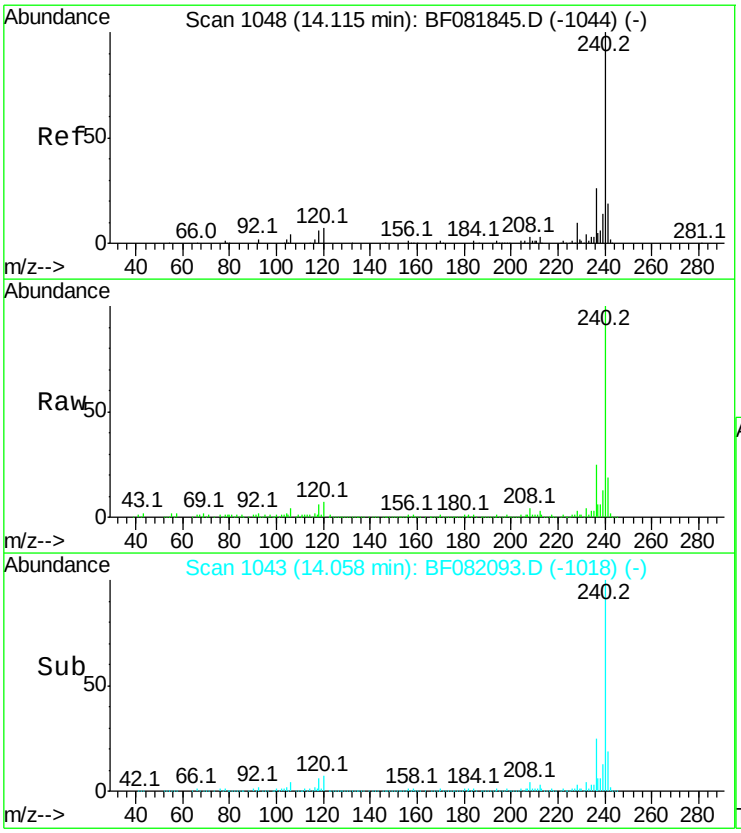
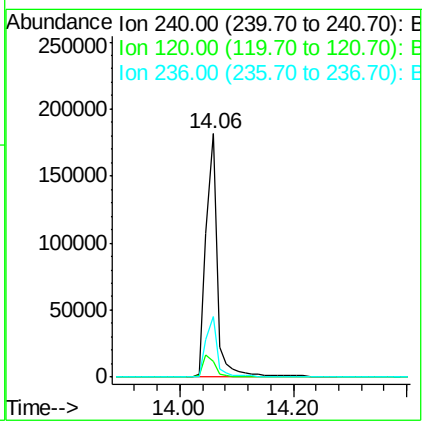
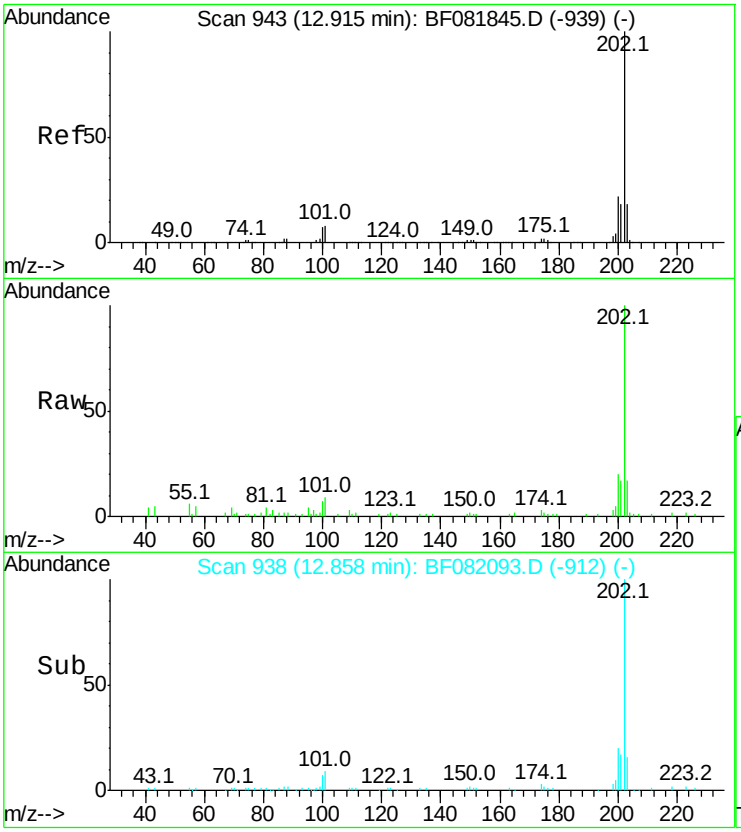


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF082093.D
Acq: 6 Oct 2015 19:42

Tgt Ion:240 Resp: 241085

Ion	Ratio	Lower	Upper
240	100		
120	6.6	16.2	24.2#
236	25.1	18.4	27.6

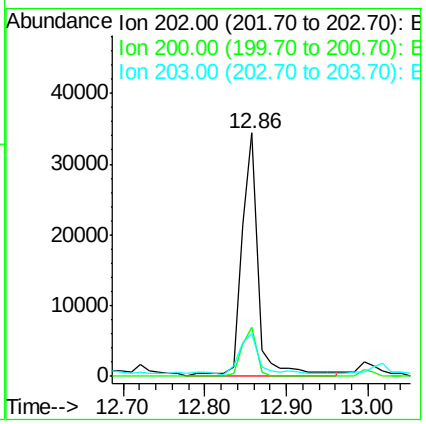




#77
Pyrene
Concen: 3.34 ng
RT: 12.86 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF082093.D
Acq: 6 Oct 2015 19:42

Tgt Ion:202 Resp: 48094

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.0	22.4
203	17.3	14.1	21.1



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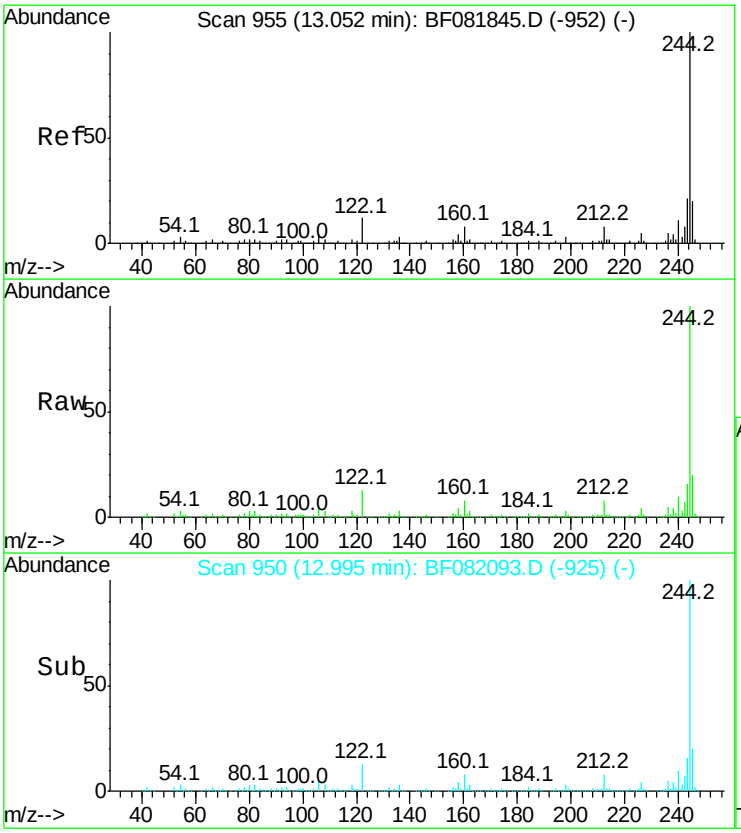
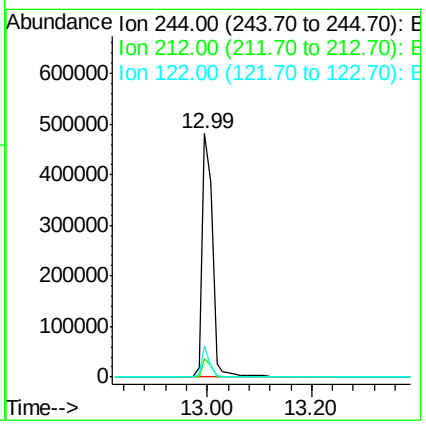
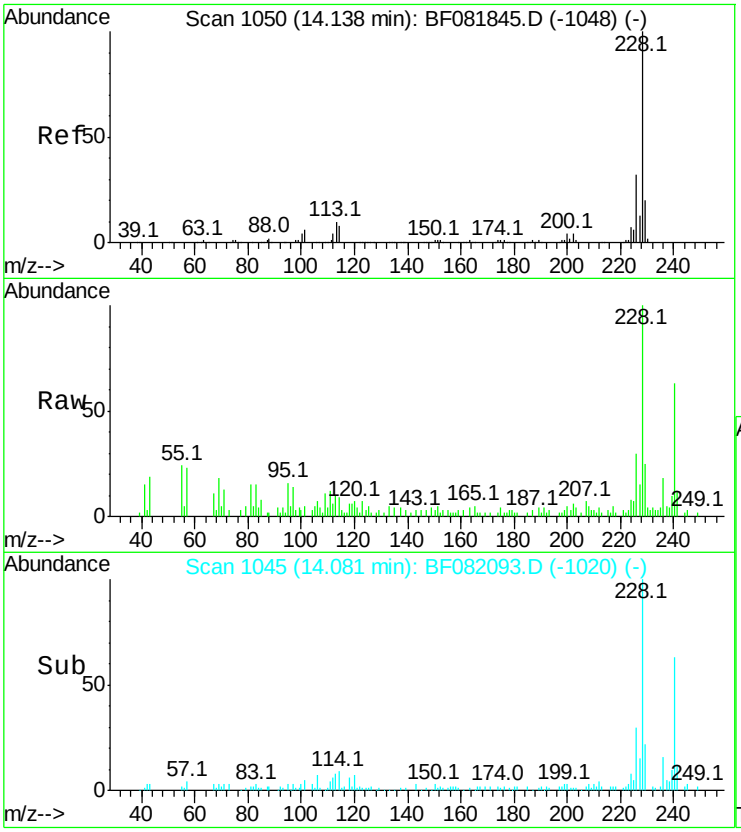


#78
Terphenyl-d14
Concen: 90.76 ng
RT: 12.99 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF082093.D
Acq: 6 Oct 2015 19:42

Tgt Ion:244 Resp: 664868

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.3	6.5#
122	12.9	17.4	26.2#





#82
Chrysene
Concen: 2.04 ng m
RT: 14.08 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF082093.D
Acq: 6 Oct 2015 19:42

Tgt Ion:228 Resp: 19823

Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.0	31.4
229	24.6	15.6	23.4#

Instrument :
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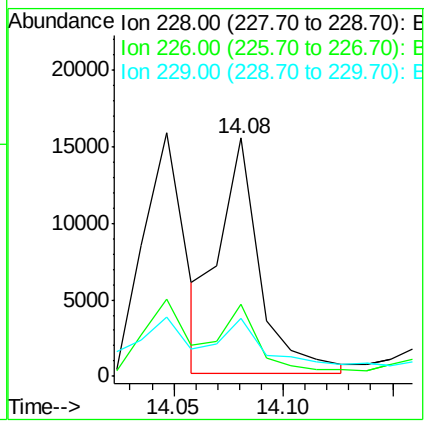

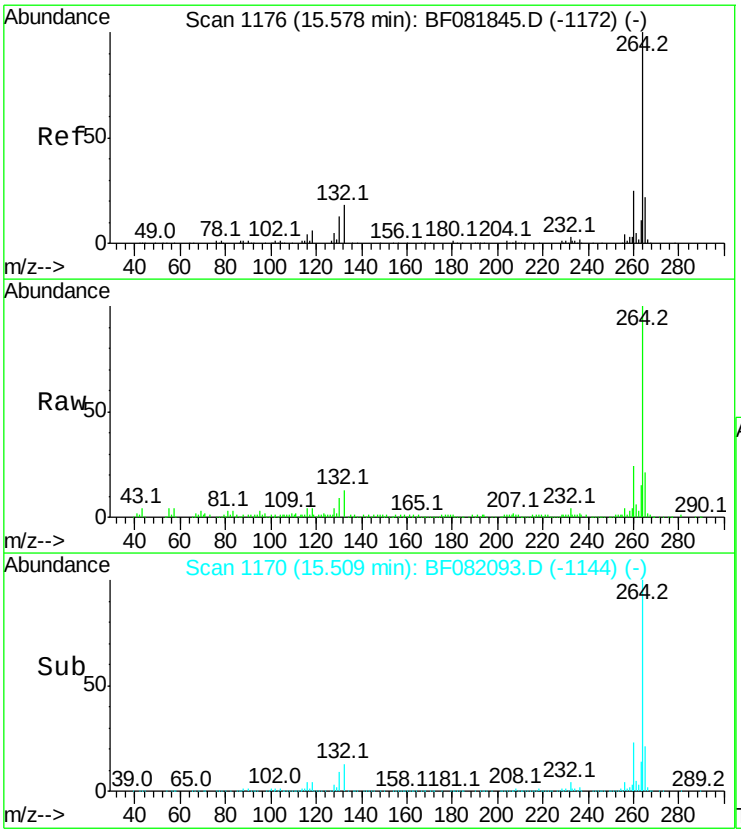

#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF082093.D
Acq: 6 Oct 2015 19:42

Tgt Ion:264 Resp: 202726

Ion	Ratio	Lower	Upper
264	100		
260	23.5	16.7	25.1
265	21.1	17.2	25.8