Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091301.D
Acq On : 24 Nov 2016 3:23
Operator : UM/SJ
Sample : H5749-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-3

Manual Integrations APPROVED
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Quant Time: Nov 24 05:54:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 13:22:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	187398	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	782300	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	347165	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	505500	20.00	ng	0.00
75) Chrysene-d12	14.04	240	480677	20.00	ng	0.00
86) Perylene-d12	15.48	264	381442	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1500514	128.65	ng	0.02
7) Phenol-d6	6.51	99	2023730	135.04	ng	0.01
23) Nitrobenzene-d5	7.45	82	1290872	95.00	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	388789	111.05	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1744492	82.28	ng	0.00
78) Terphenyl-d14	12.99	244	1282557	60.94	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.52	94	76178	4.56	ng	# 47
49) Dimethylphthalate	9.64	163	189568	8.75	ng	99
74) Fluoranthene	12.61	202	112481	4.22	ng	97
77) Pyrene	12.84	202	114458	3.22	ng	98
80) Benzo(a)anthracene	14.03	228	76251	2.80	ng	96
82) Chrysene	14.07	228	67536m	2.62	ng	
87) Benzo(b)fluoranthene	15.06	252	75293m	3.13	ng	

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

Quantitation Report (LSC Reviewed)

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Misc :
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Instrument :
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ClientSampleId :
GRID-MM4-3

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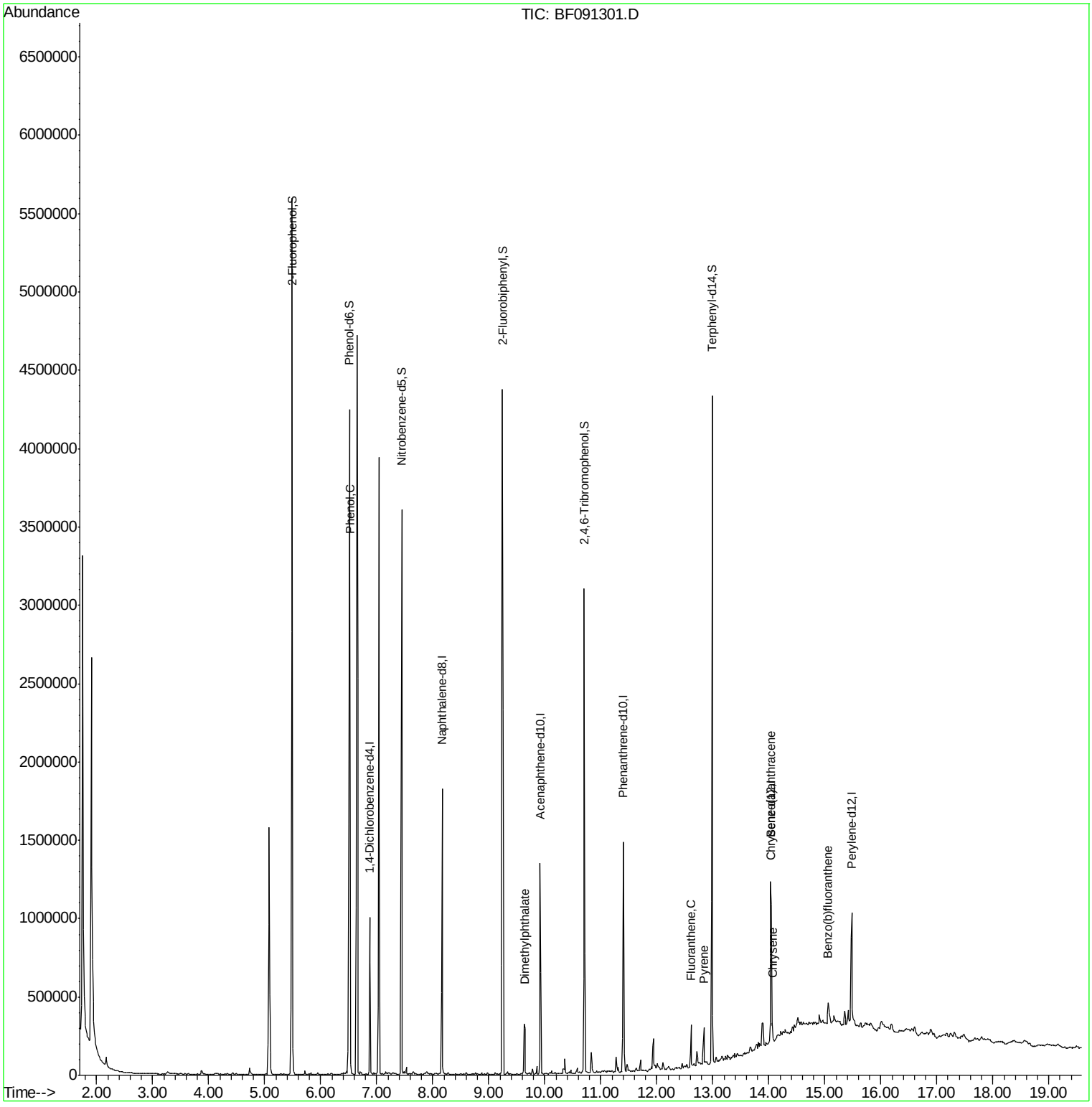
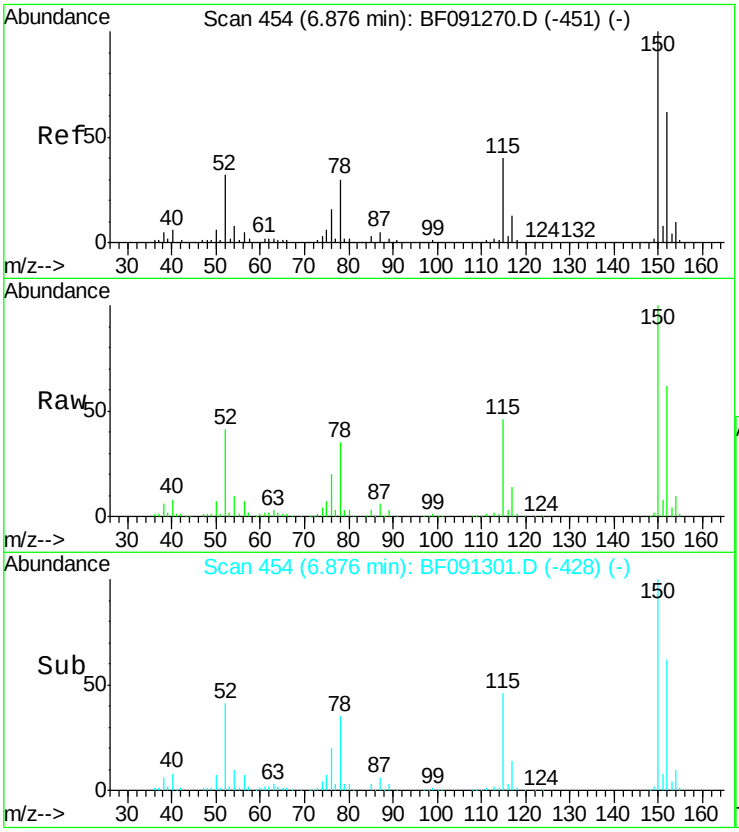
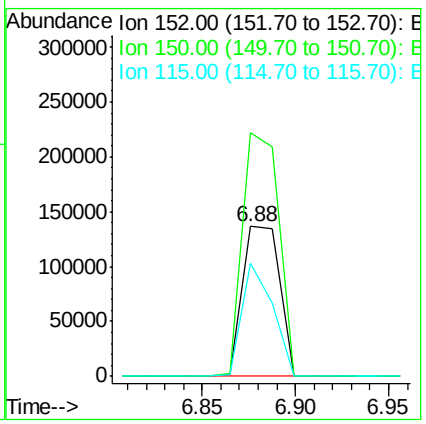




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF091301.D
Acq: 24 Nov 2016 3:23

Tgt Ion:152 Resp: 187398

Ion	Ratio	Lower	Upper
152	100		
150	162.2	122.5	183.7
115	75.3	51.8	77.8



Instrument :
BNA_F
ClientSampleId :
GRID-MM4-3

Manual Integrations APPROVED
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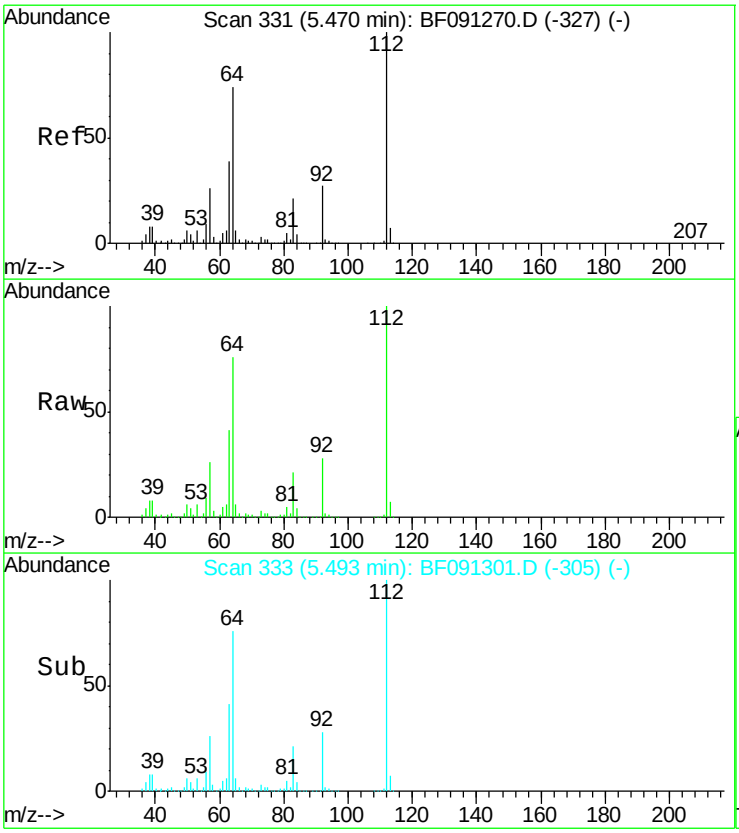
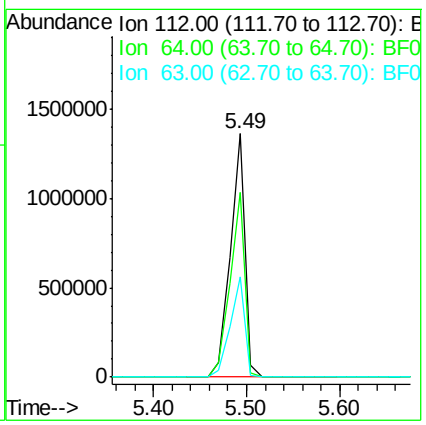
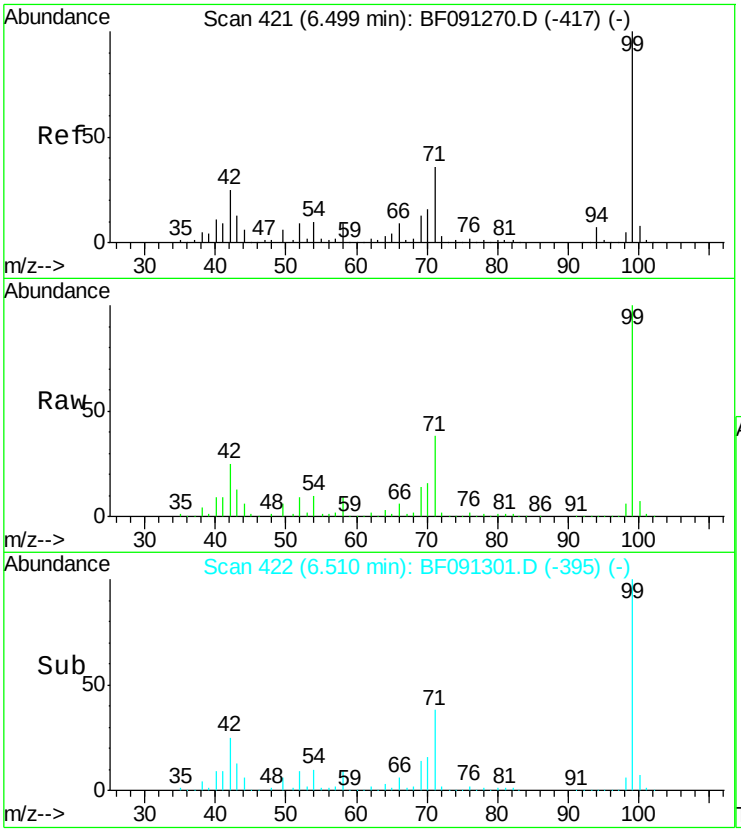


#5
2-Fluorophenol
Concen: 128.65 ng
RT: 5.49 min Scan# 333
Delta R.T. 0.02 min
Lab File: BF091301.D
Acq: 24 Nov 2016 3:23

Tgt Ion:112 Resp: 1500514

Ion	Ratio	Lower	Upper
112	100		
64	76.0	61.5	92.3
63	41.0	33.3	49.9

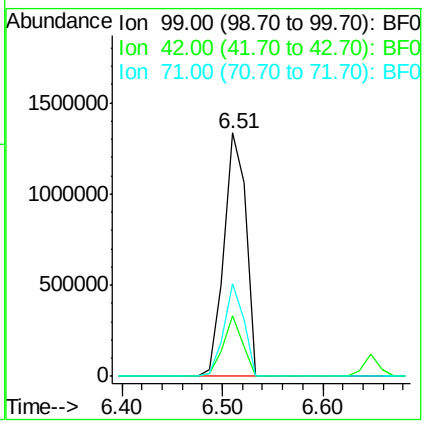




#7
Phenol-d6
Concen: 135.04 ng
RT: 6.51 min Scan# 422
Delta R.T. 0.01 min
Lab File: BF091301.D
Acq: 24 Nov 2016 3:23

Tgt Ion: 99 Resp: 2023730

Ion	Ratio	Lower	Upper
99	100		
42	24.9	20.6	31.0
71	38.0	29.9	44.9



Instrument :
BNA_F
ClientSampleId :
GRID-MM4-3

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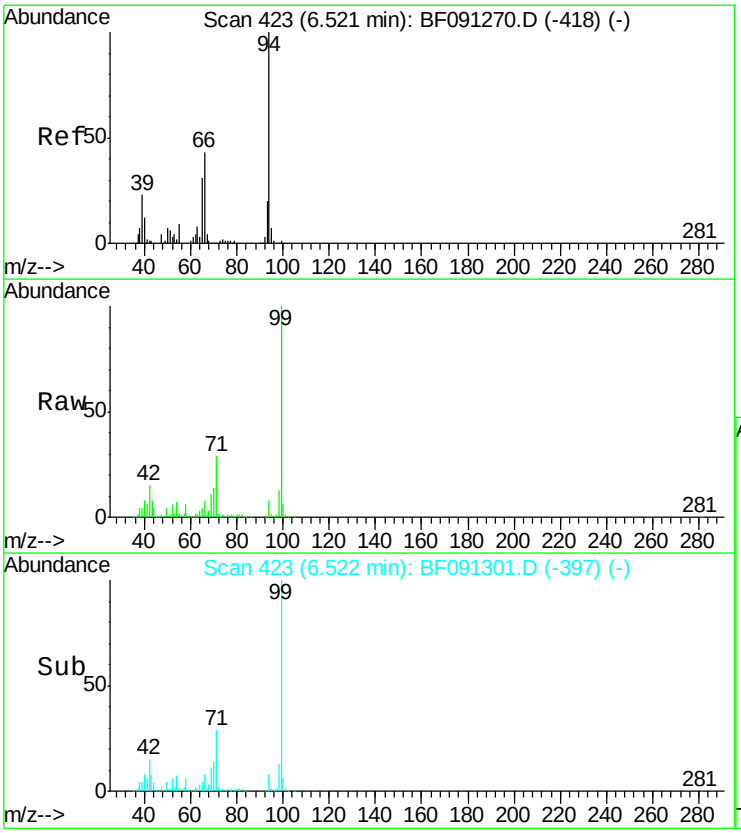
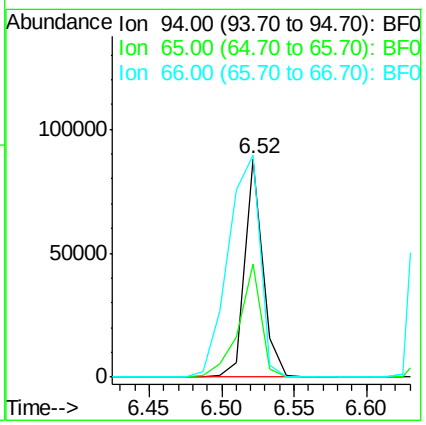
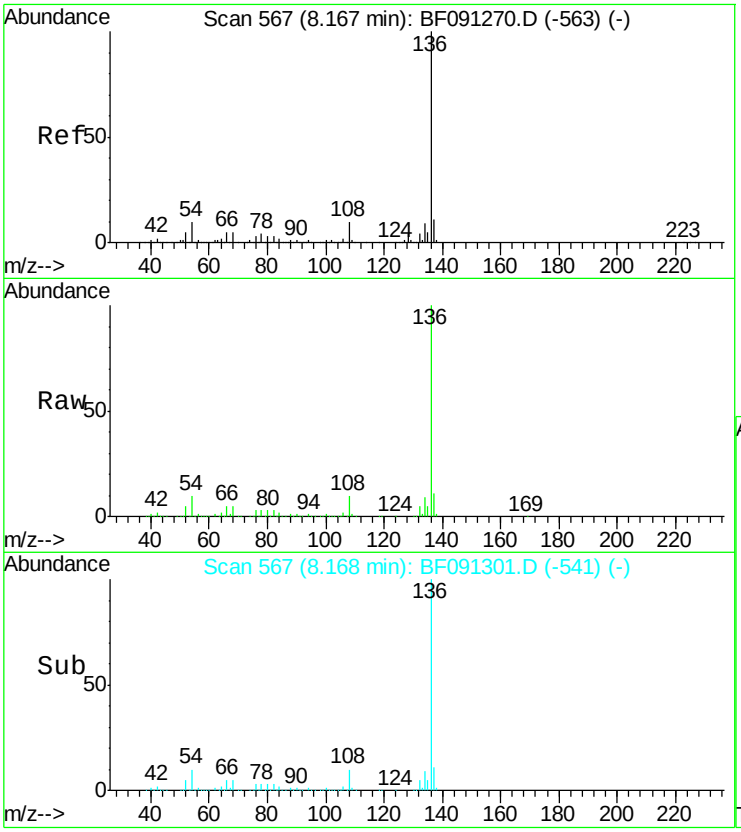


#10
Phenol
Concen: 4.56 ng
RT: 6.52 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF091301.D
Acq: 24 Nov 2016 3:23

Tgt Ion: 94 Resp: 76178

Ion	Ratio	Lower	Upper
94	100		
65	51.9	16.9	56.9
66	101.6	30.6	70.6#

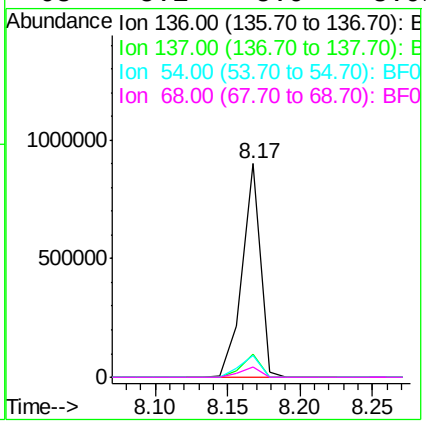




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF091301.D
Acq: 24 Nov 2016 3:23

Tgt Ion:136 Resp: 782300

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	9.9	9.1	13.7
68	5.1	5.9	8.9#



Instrument :
BNA_F
ClientSampleId :
GRID-MM4-3

Manual Integrations APPROVED
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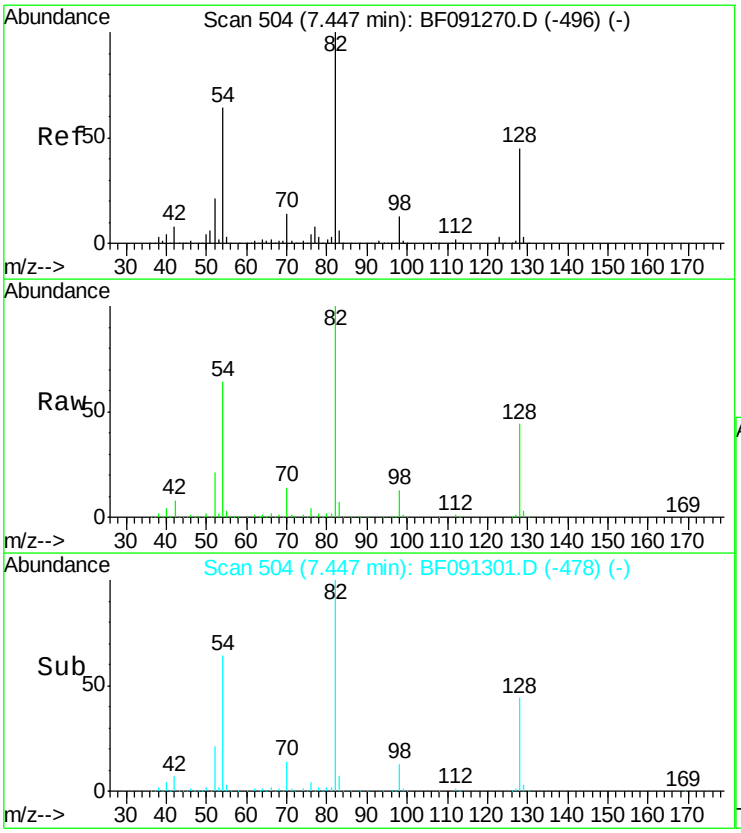
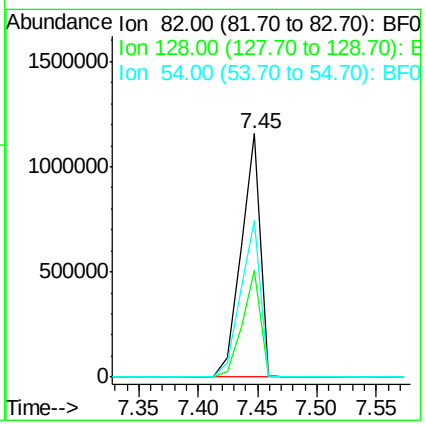
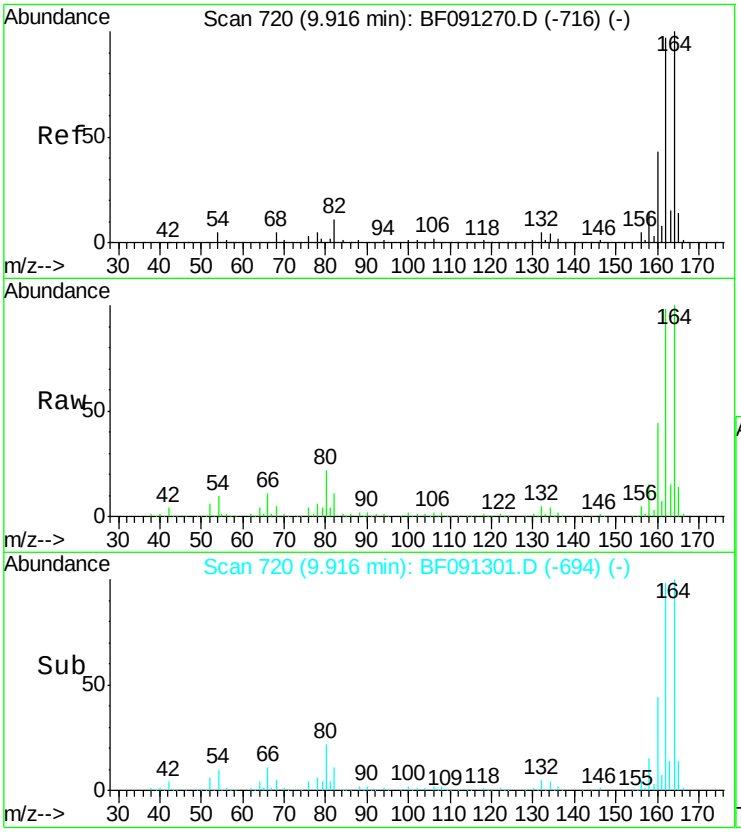


#23
Nitrobenzene-d5
Concen: 95.00 ng
RT: 7.45 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF091301.D
Acq: 24 Nov 2016 3:23

Tgt Ion: 82 Resp: 1290872

Ion	Ratio	Lower	Upper
82	100		
128	43.8	31.8	47.6
54	64.4	49.1	73.7

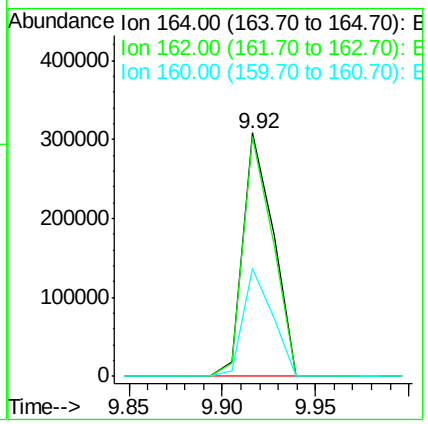




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF091301.D
Acq: 24 Nov 2016 3:23

Tgt Ion:164 Resp: 347165

Ion	Ratio	Lower	Upper
164	100		
162	98.3	82.6	124.0
160	44.3	36.7	55.1



Instrument :
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ClientSampleId :
GRID-MM4-3

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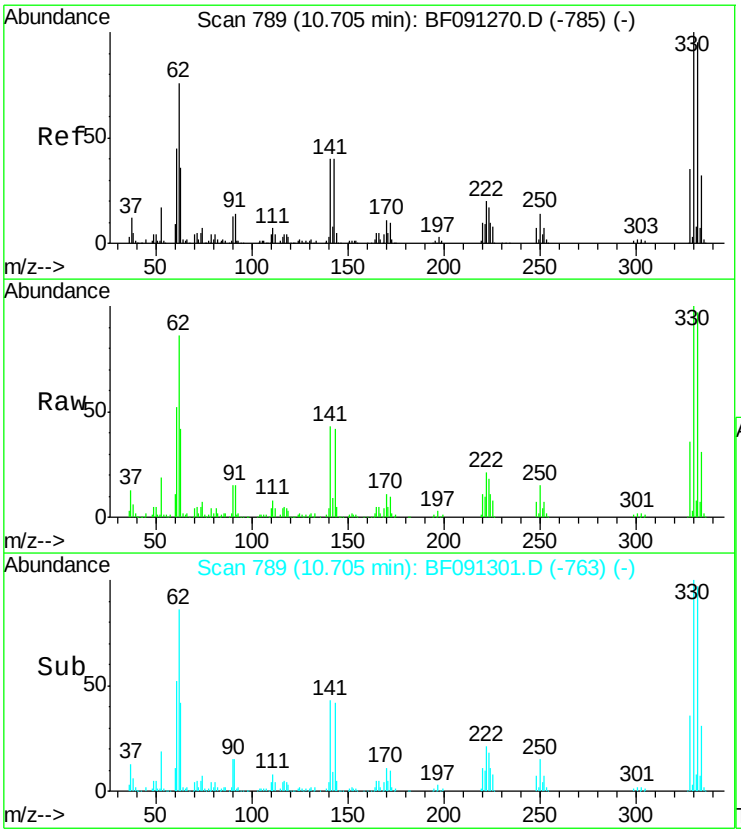
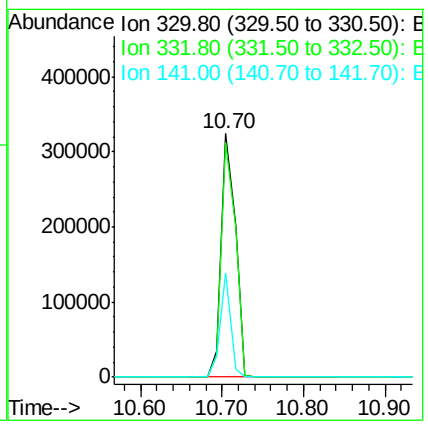
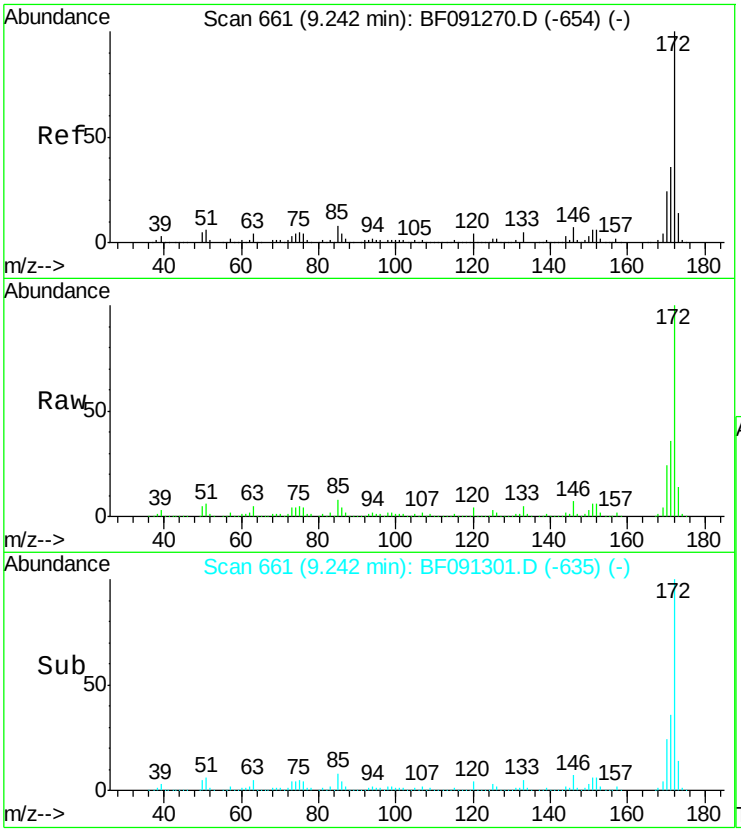


#41
2,4,6-Tribromophenol
Concen: 111.05 ng
RT: 10.70 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF091301.D
Acq: 24 Nov 2016 3:23

Tgt Ion:330 Resp: 388789

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.2	114.4
141	31.9	33.6	50.4#

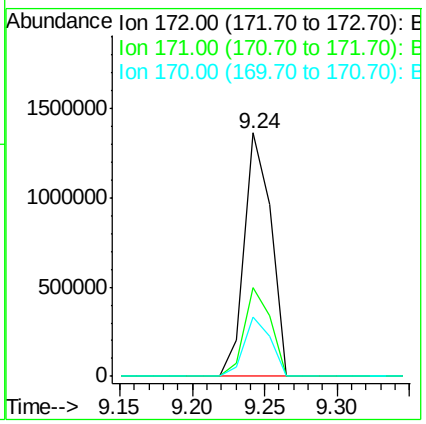




#44
2-Fluorobiphenyl
Concen: 82.28 ng
RT: 9.24 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF091301.D
Acq: 24 Nov 2016 3:23

Tgt Ion:172 Resp: 1744492

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.3	19.7	29.5



Instrument :
BNA_F
ClientSampleId :
GRID-MM4-3

Manual Integrations APPROVED
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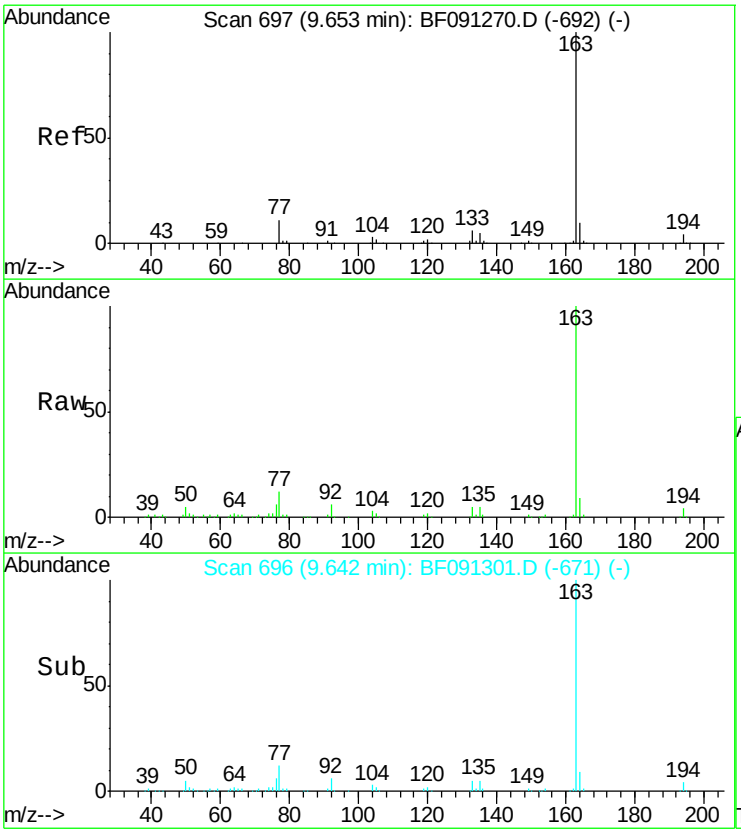
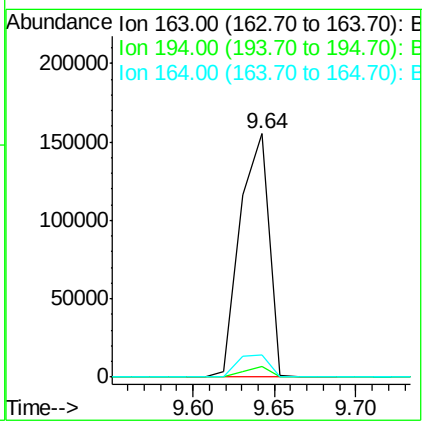
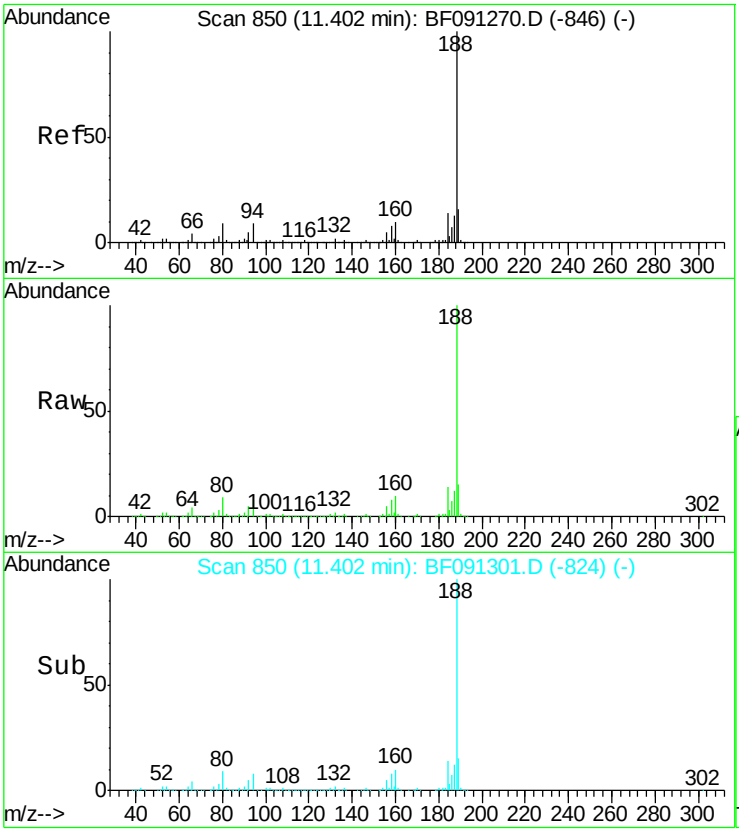


#49
Dimethylphthalate
Concen: 8.75 ng
RT: 9.64 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF091301.D
Acq: 24 Nov 2016 3:23

Tgt Ion:163 Resp: 189568

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.4
164	9.4	7.8	11.8

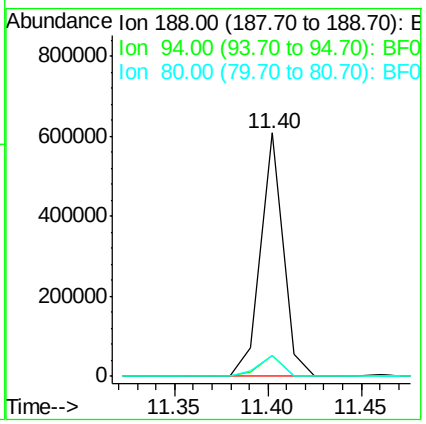




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF091301.D
Acq: 24 Nov 2016 3:23

Tgt Ion:188 Resp: 505500

Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.2	13.8#
80	8.6	10.5	15.7#



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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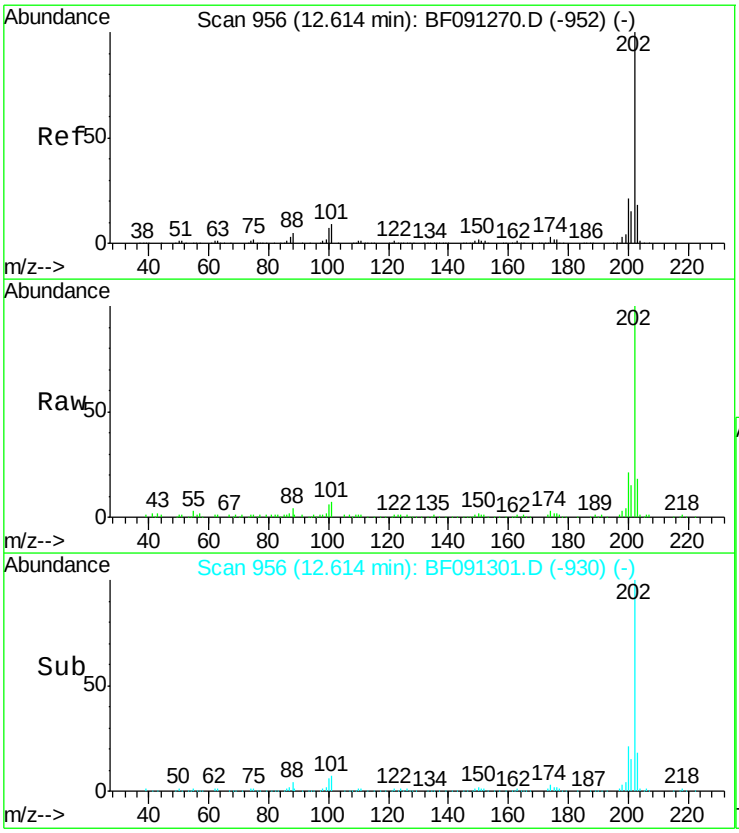
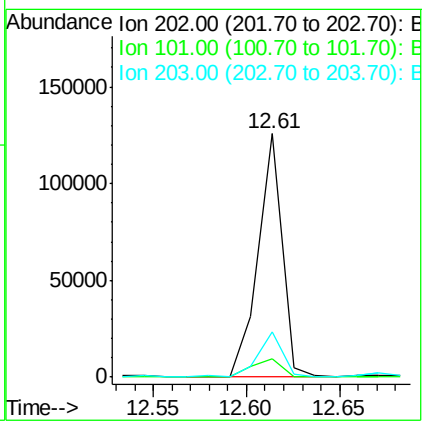
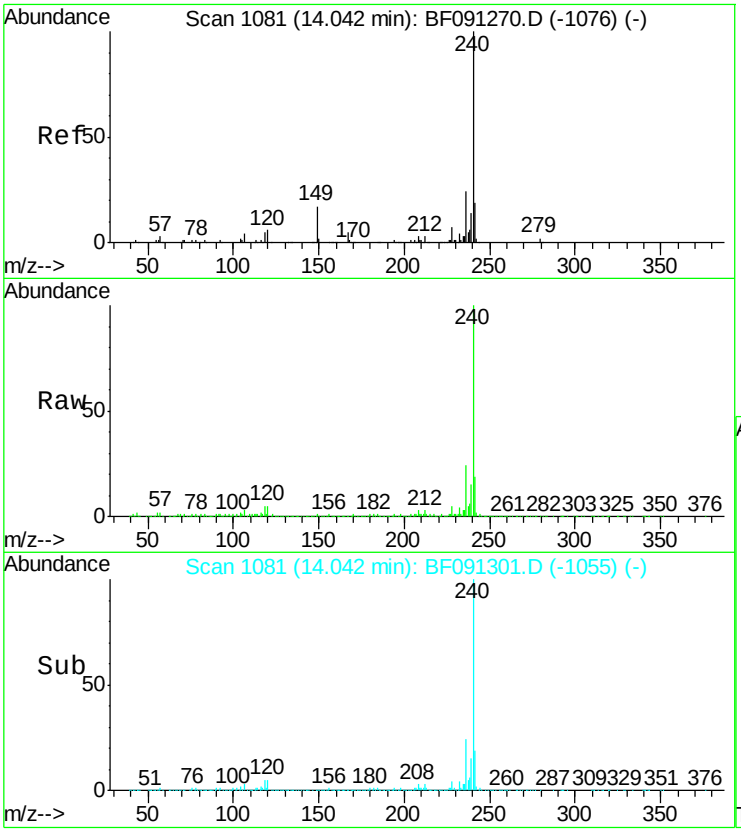


#74
Fluoranthene
Concen: 4.22 ng
RT: 12.61 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF091301.D
Acq: 24 Nov 2016 3:23

Tgt Ion:202 Resp: 112481

Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	29.5
203	18.4	0.0	37.8

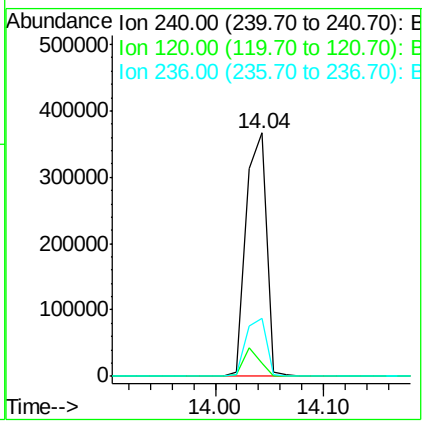




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BF091301.D
Acq: 24 Nov 2016 3:23

Tgt Ion:240 Resp: 480677

Ion	Ratio	Lower	Upper
240	100		
120	5.2	12.1	18.1#
236	23.8	21.0	31.6



Instrument :
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ClientSampleId :
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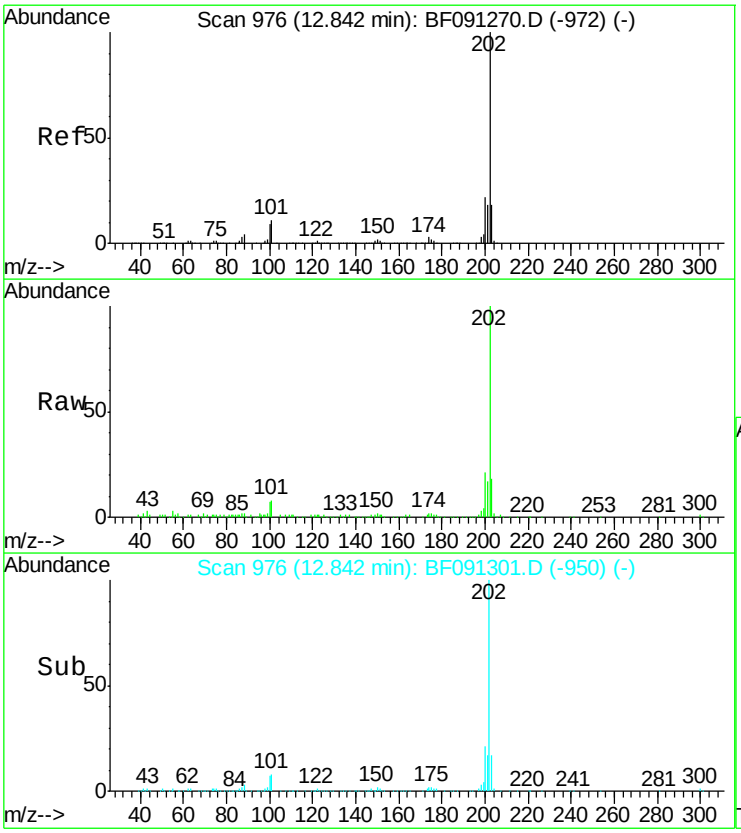
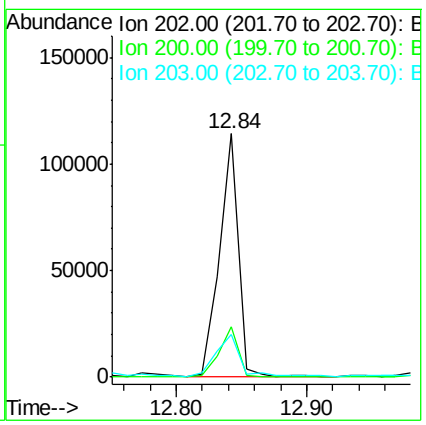
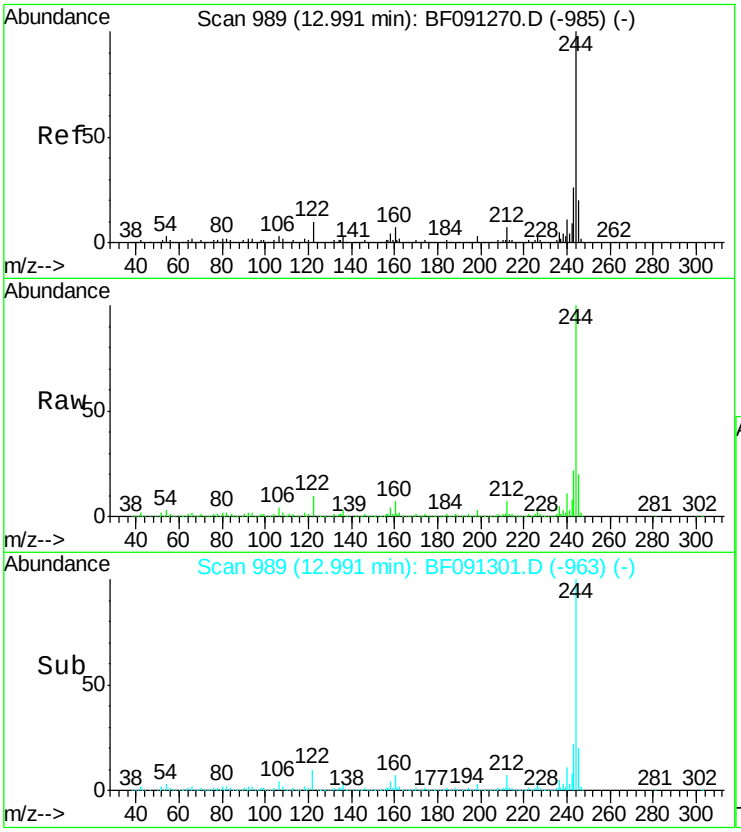


#77
Pyrene
Concen: 3.22 ng
RT: 12.84 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF091301.D
Acq: 24 Nov 2016 3:23

Tgt Ion:202 Resp: 114458

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	17.8	14.0	21.0

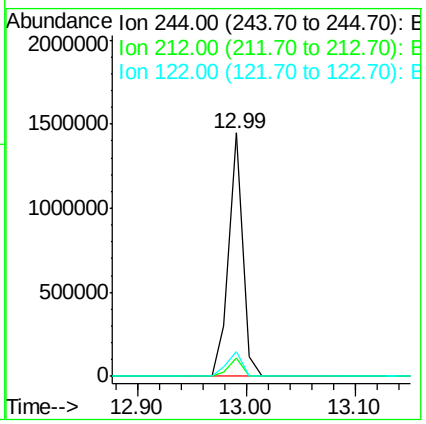




#78
Terphenyl-d14
Concen: 60.94 ng
RT: 12.99 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF091301.D
Acq: 24 Nov 2016 3:23

Tgt Ion:244 Resp: 1282557

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	10.3	9.5	14.3



Instrument :
BNA_F
ClientSampleId :
GRID-MM4-3

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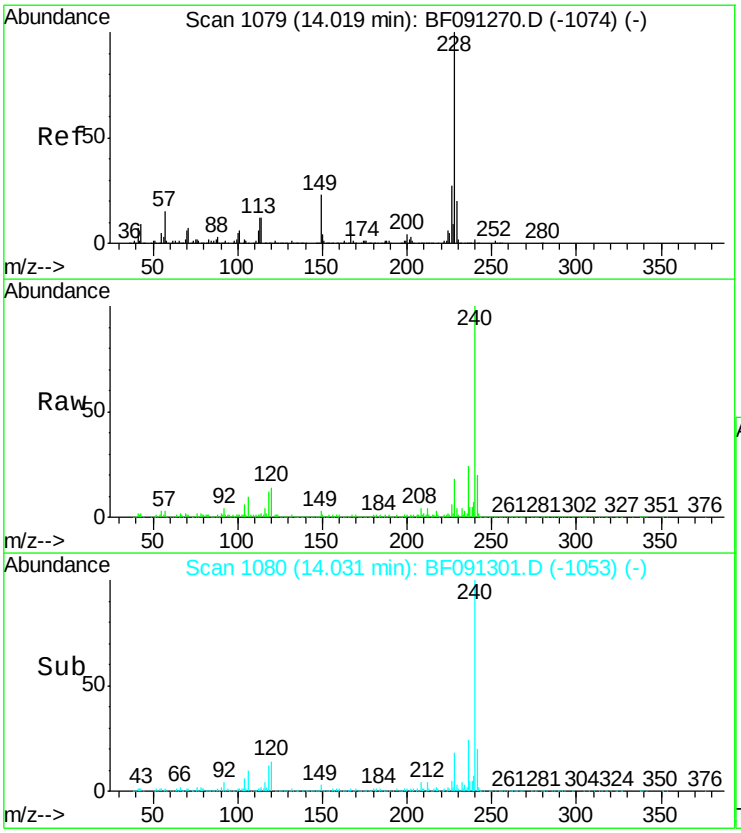
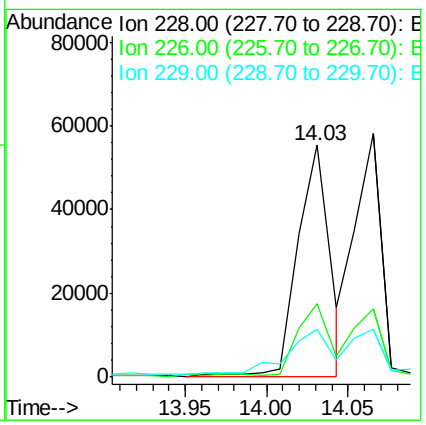
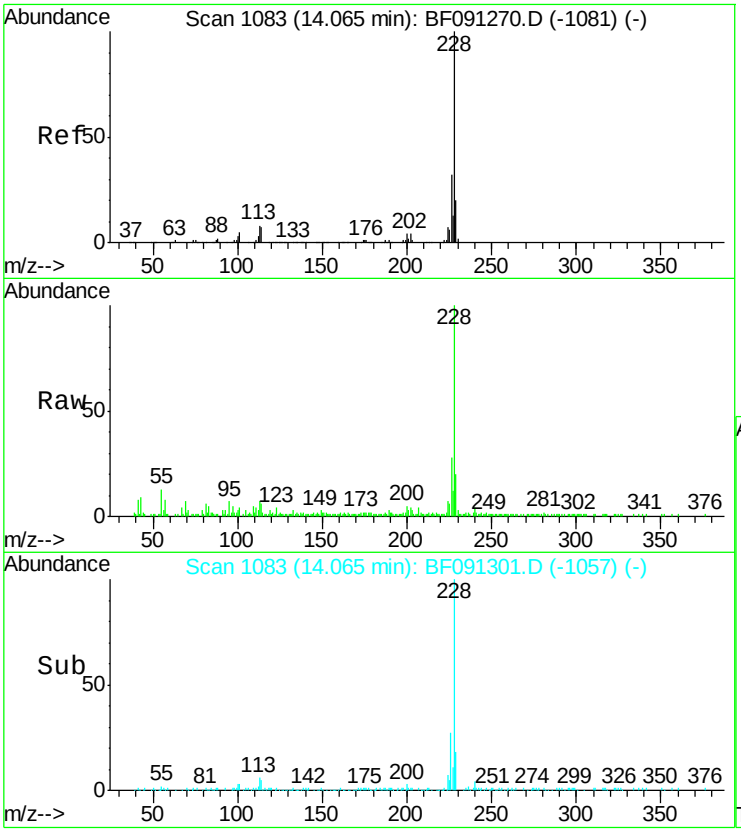


#80
Benzo(a)anthracene
Concen: 2.80 ng
RT: 14.03 min Scan# 1080
Delta R.T. 0.01 min
Lab File: BF091301.D
Acq: 24 Nov 2016 3:23

Tgt Ion:228 Resp: 76251

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.5	33.7
229	20.4	16.4	24.6

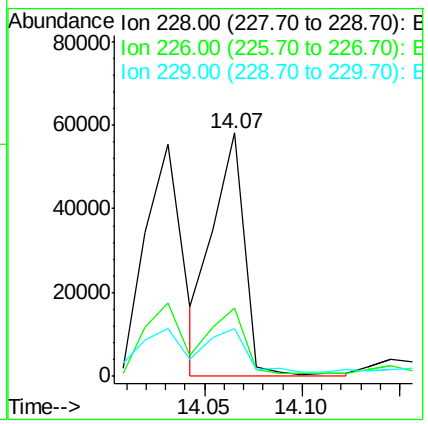




#82
Chrysene
Concen: 2.62 ng m
RT: 14.07 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BF091301.D
Acq: 24 Nov 2016 3:23

Tgt Ion:228 Resp: 67536

Ion	Ratio	Lower	Upper
228	100		
226	28.1	25.0	37.4
229	19.6	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
GRID-MM4-3

Manual Integrations APPROVED
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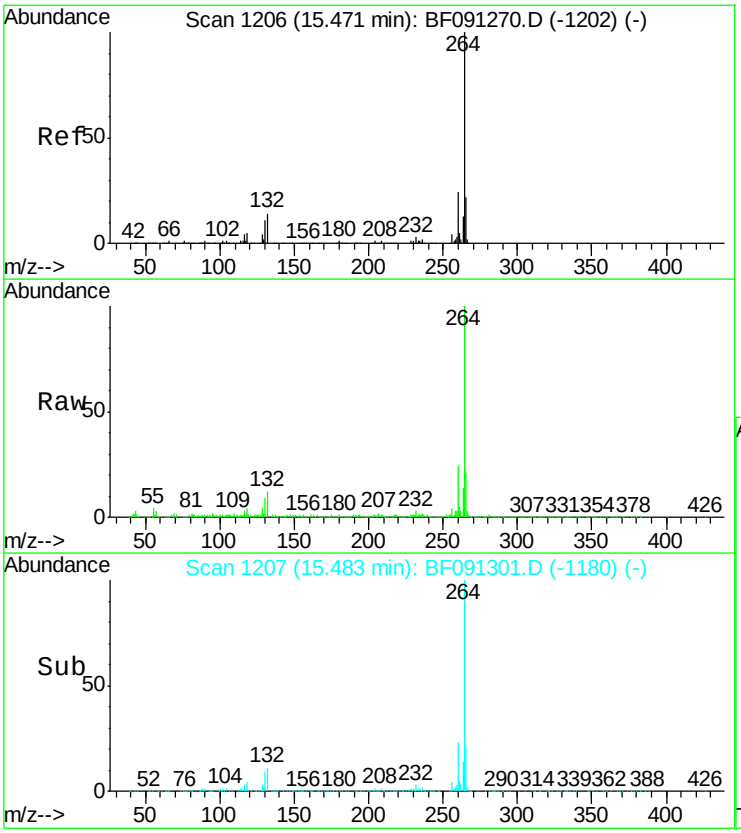
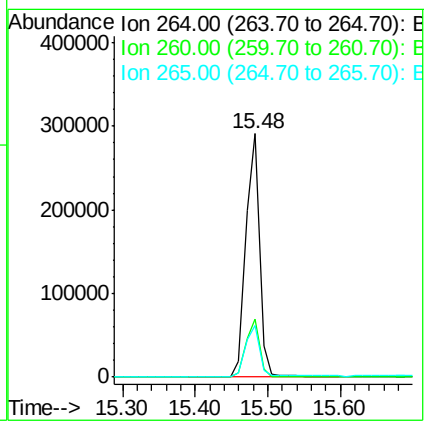
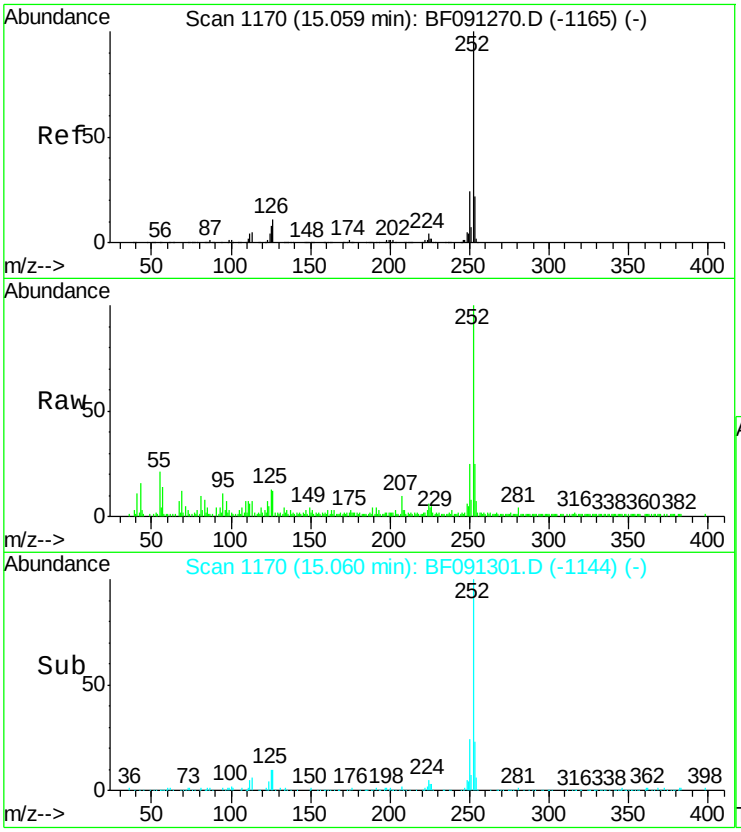


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF091301.D
Acq: 24 Nov 2016 3:23

Tgt Ion:264 Resp: 381442

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.3	17.0	25.6

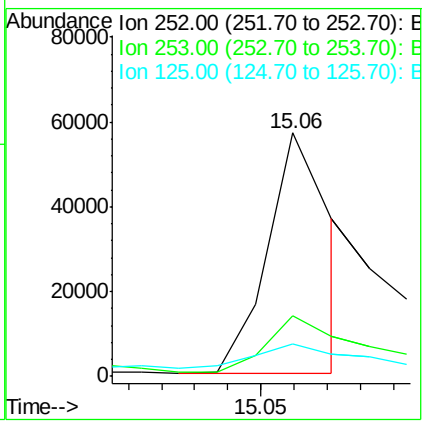




#87
Benzo(b)fluoranthene
Concen: 3.13 ng m
RT: 15.06 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF091301.D
Acq: 24 Nov 2016 3:23

Tgt Ion:252 Resp: 75293

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.2	27.2
125	13.4	8.6	13.0#



Instrument :
BNA_F
ClientSampleId :
GRID-MM4-3

Manual Integrations APPROVED
sohil
11/28/2016 5:18:53 PM