Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091643.D
Acq On : 15 Dec 2016 22:05
Operator : UM/SJ
Sample : H5940-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS01-0-2IN

Manual Integrations APPROVED
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12/16/2016 6:22:20 PM

Quant Time: Dec 16 01:16:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	259189	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	994733	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	497084	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	605343	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	555524	20.00	ng	0.00
86) Perylene-d12	15.35	264	513725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1594445	103.64	ng	0.01
7) Phenol-d6	6.43	99	2152534	112.23	ng	0.00
23) Nitrobenzene-d5	7.34	82	1311219	73.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	417598	101.14	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1761972	61.25	ng	0.00
78) Terphenyl-d14	12.89	244	1185200	48.41	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	725270	23.04	ng	100
74) Fluoranthene	12.51	202	108638	3.46	ng	98
77) Pyrene	12.74	202	99098	2.25	ng	97
87) Benzo(b)fluoranthene	14.95	252	75500m	2.47	ng	
89) Benzo(a)pyrene	15.28	252	56605	2.05	ng	# 84

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

Quantitation Report (LSC Reviewed)

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Data File : BF091643.D
Acq On : 15 Dec 2016 22:05
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Misc :
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Quant Time: Dec 16 01:16:50 2016
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Instrument :
BNA_F
ClientSampleId :
SS01-0-2IN

Manual Integrations APPROVED
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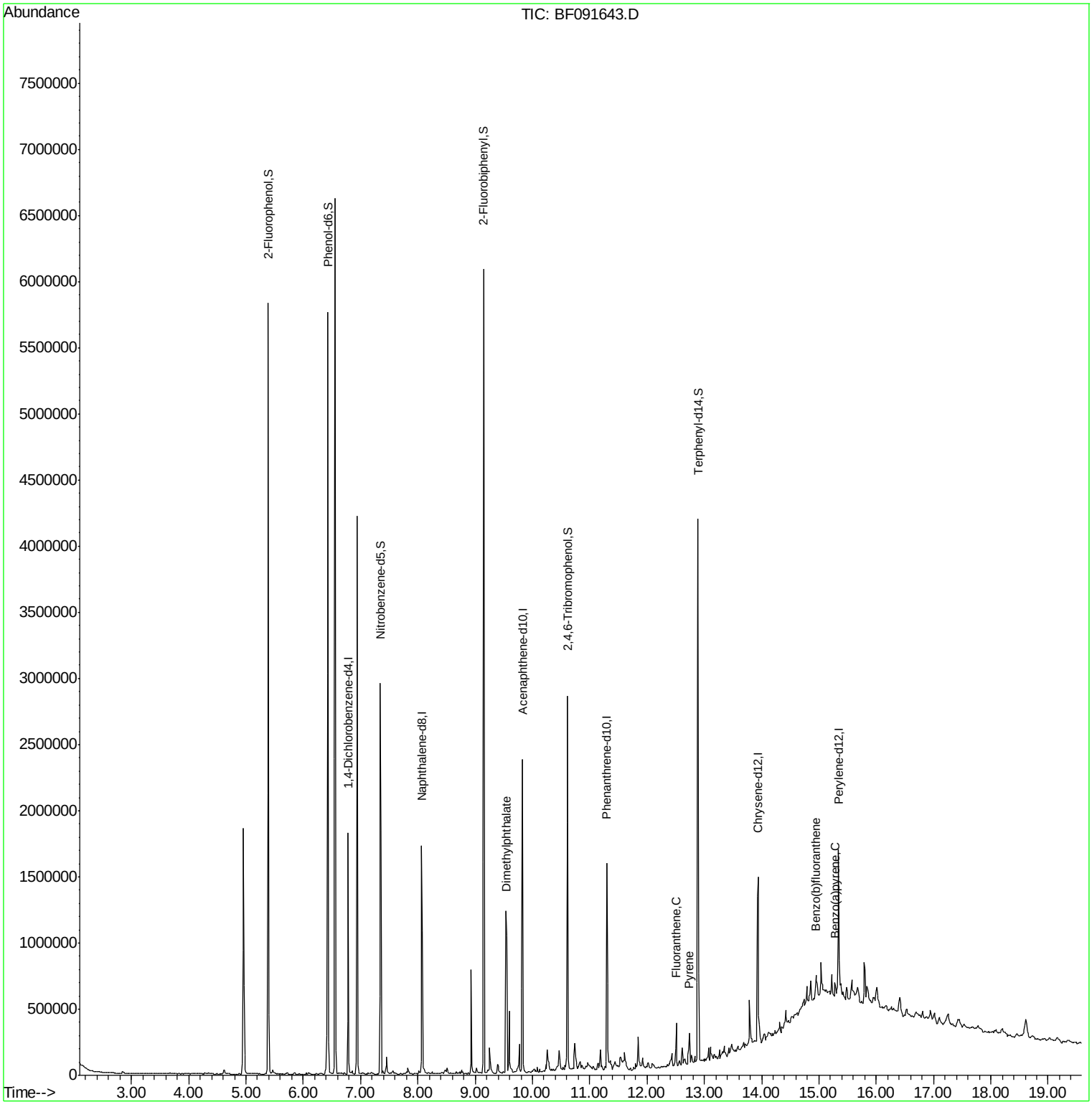
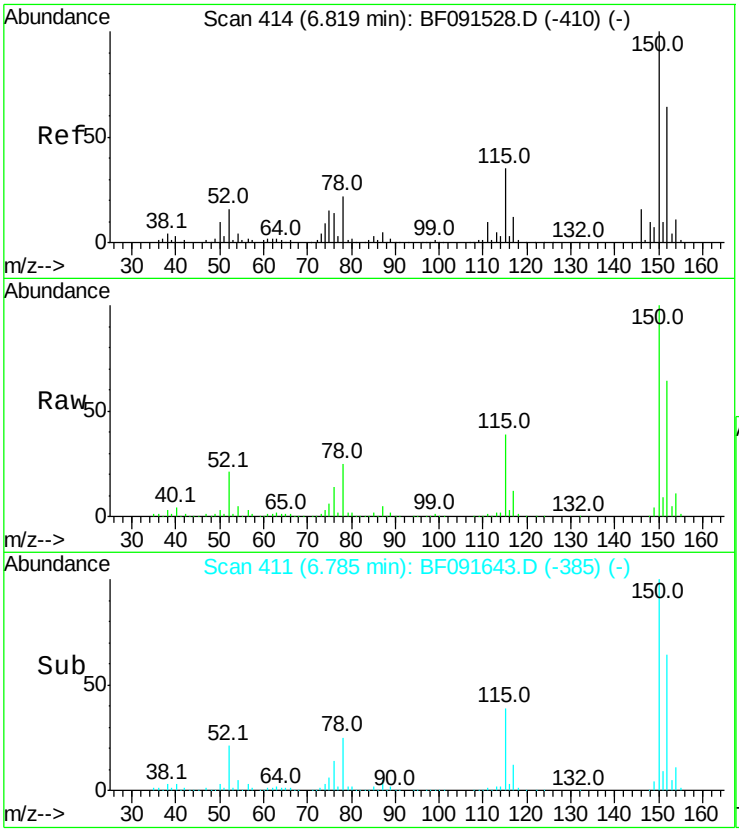
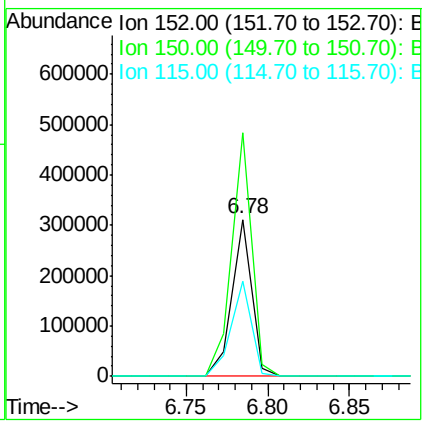




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:152 Resp: 259189

Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.5	183.7
115	60.8	51.8	77.8



Instrument :
BNA_F
ClientSampleId :
SS01-0-2IN

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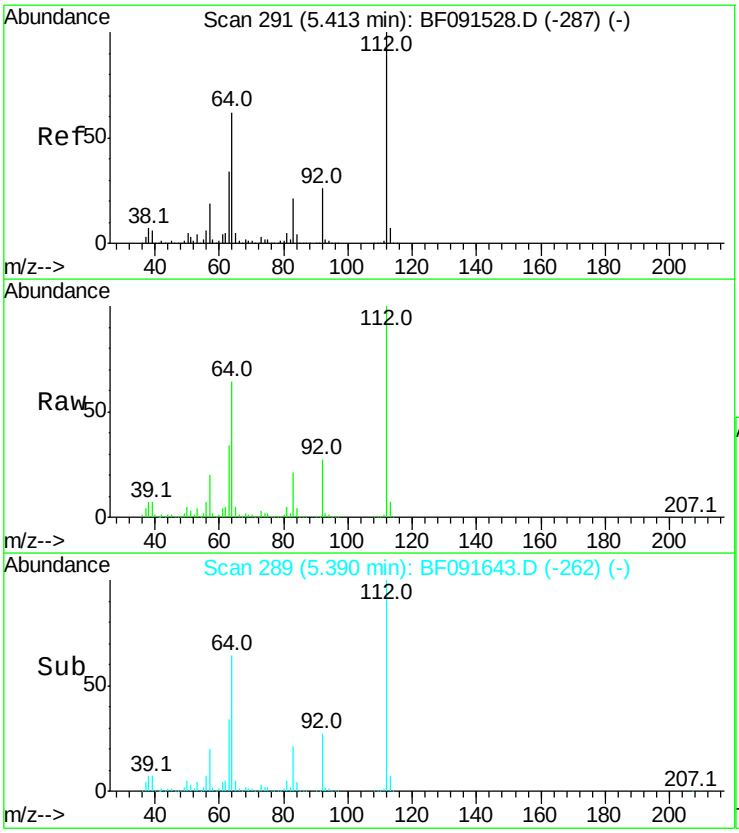
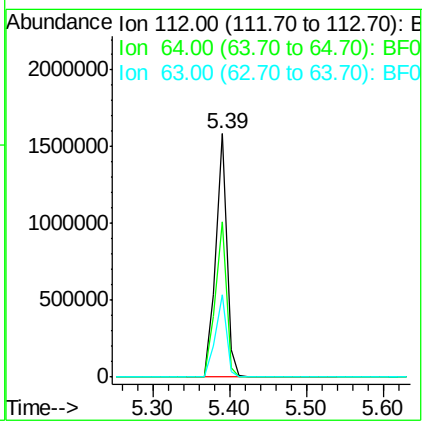
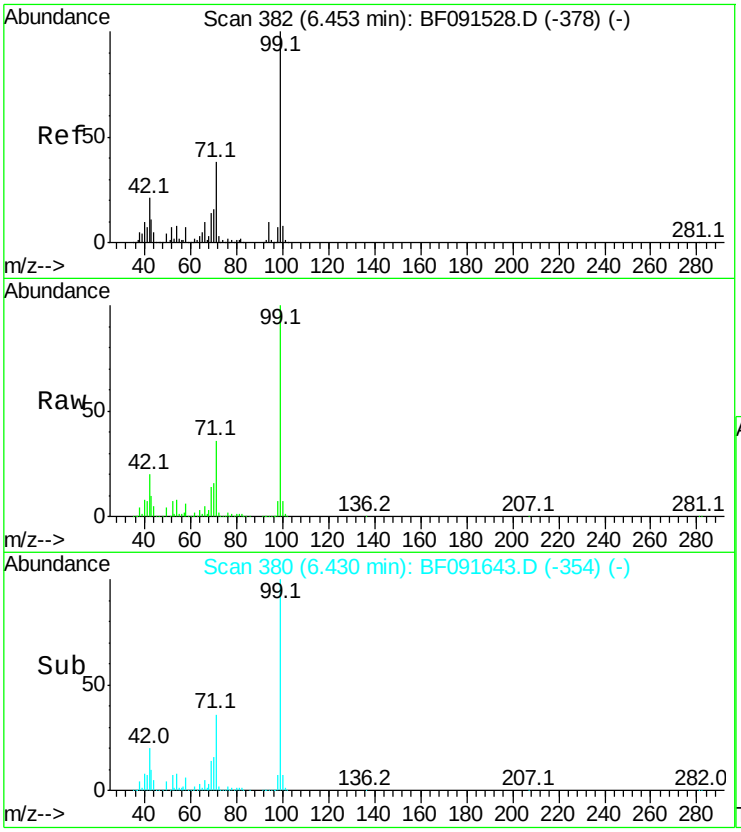


#5
2-Fluorophenol
Concen: 103.64 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:112 Resp: 1594445

Ion	Ratio	Lower	Upper
112	100		
64	64.0	61.5	92.3
63	33.6	33.3	49.9

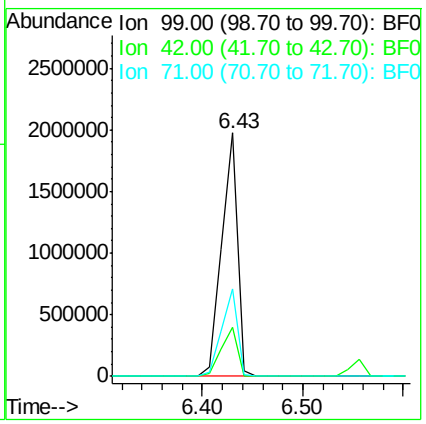




#7
Phenol-d6
Concen: 112.23 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion: 99 Resp: 2152534

Ion	Ratio	Lower	Upper
99	100		
42	20.2	20.6	31.0#
71	36.1	29.9	44.9



Instrument :
BNA_F
ClientSampleId :
SS01-0-2IN

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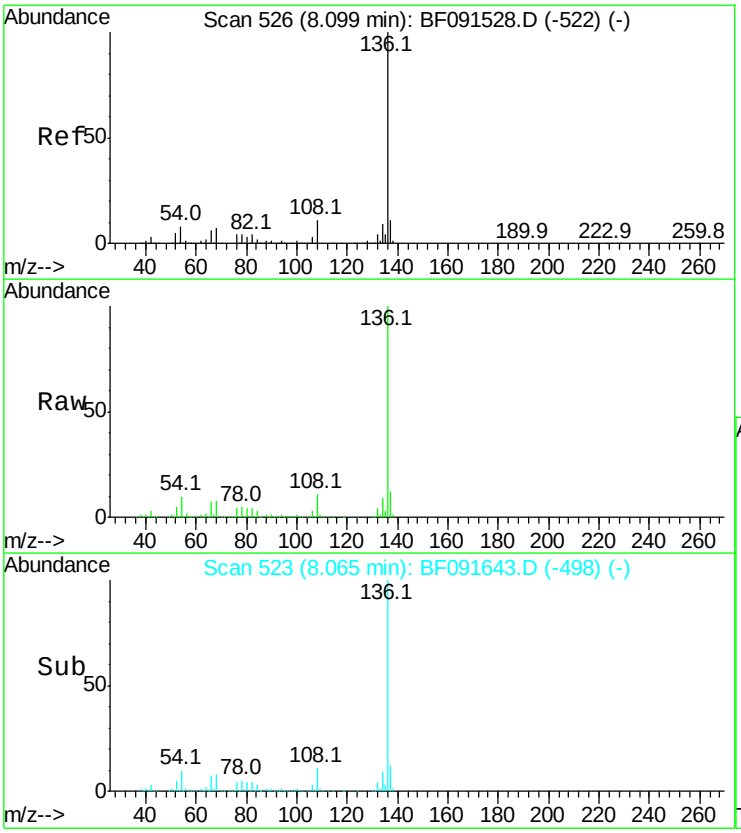
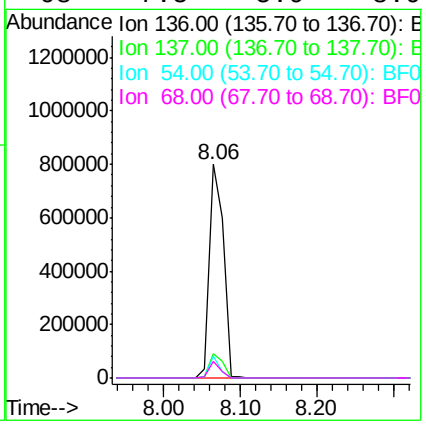
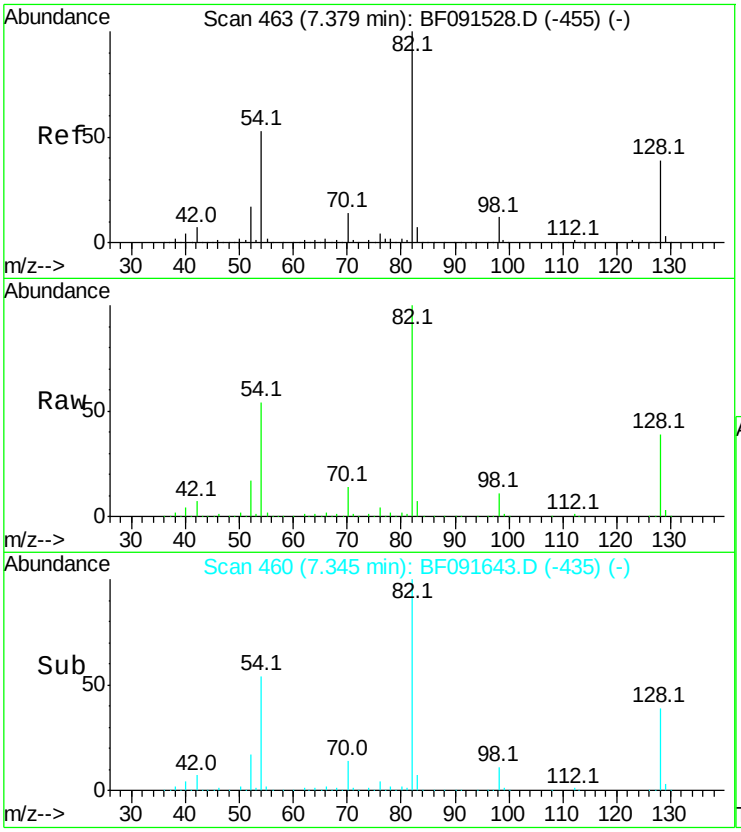


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:136 Resp: 994733

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.3	9.1	13.7
68	7.5	5.9	8.9

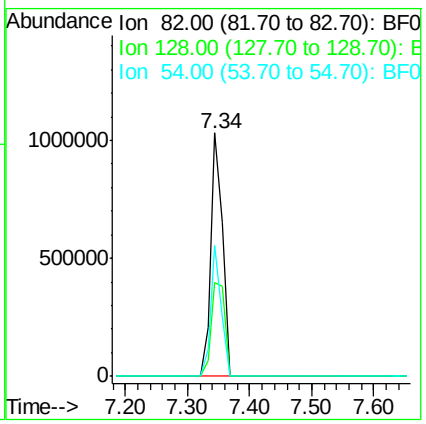




#23
Nitrobenzene-d5
Concen: 73.57 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion: 82 Resp: 1311219

Ion	Ratio	Lower	Upper
82	100		
128	38.8	31.8	47.6
54	53.7	49.1	73.7



Instrument :
BNA_F
ClientSampleId :
SS01-0-2IN

Manual Integrations APPROVED
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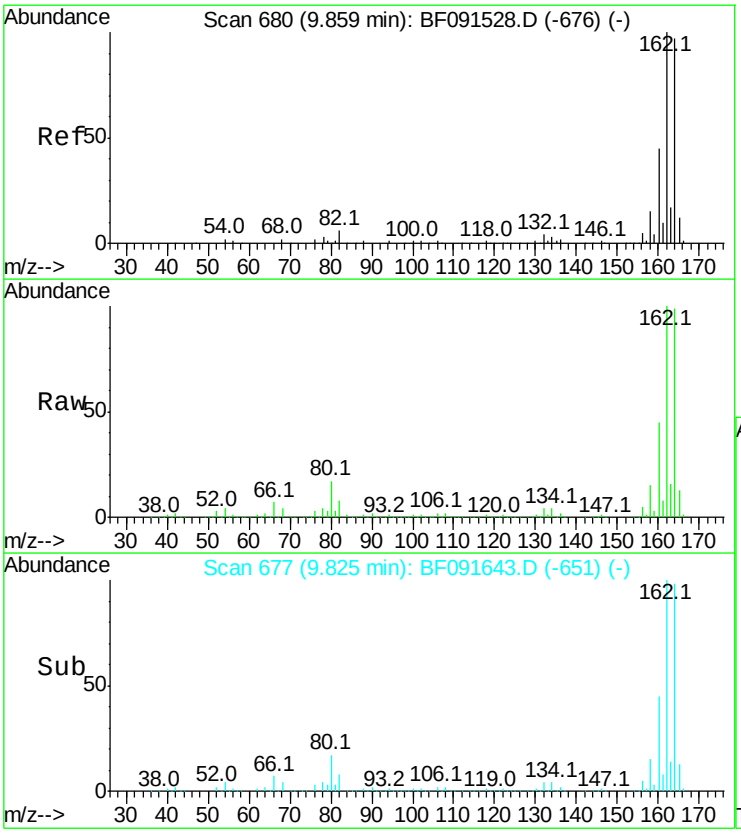
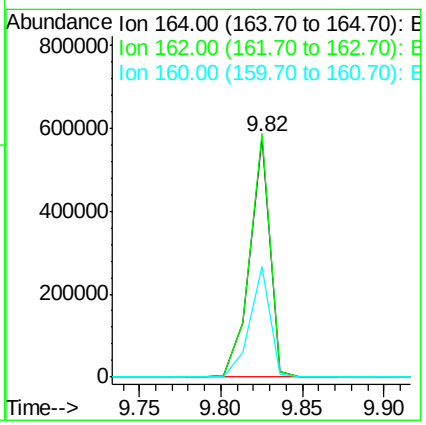
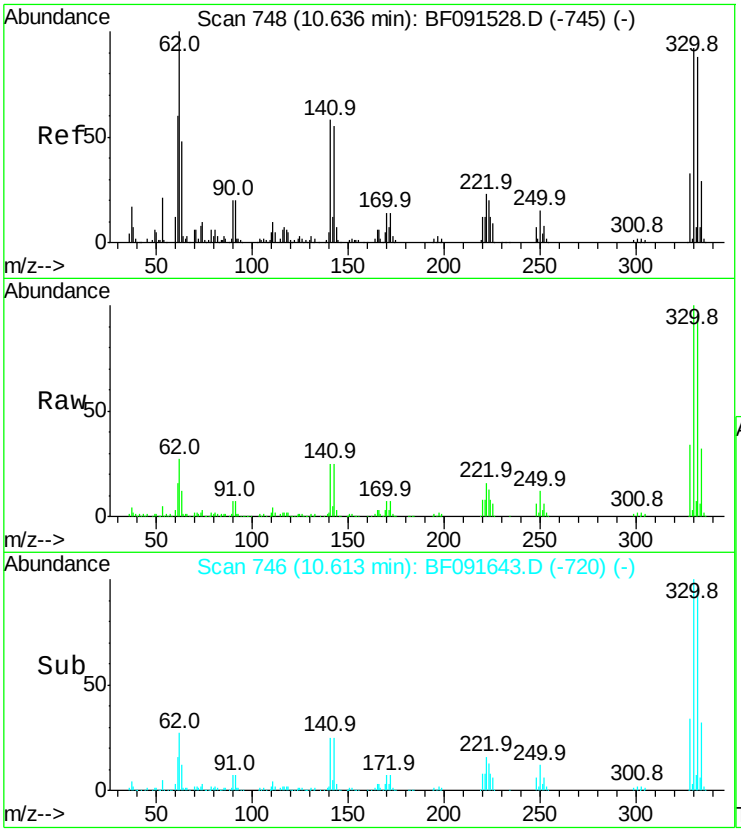


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:164 Resp: 497084

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.6	124.0
160	46.0	36.7	55.1

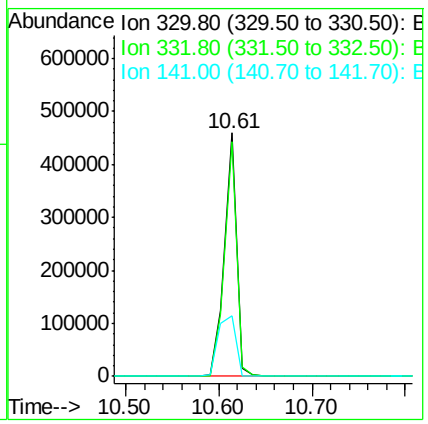




#41
2,4,6-Tribromophenol
Concen: 101.14 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:330 Resp: 417598

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.2	114.4
141	36.7	33.6	50.4



Instrument :
BNA_F
ClientSampleId :
SS01-0-2IN

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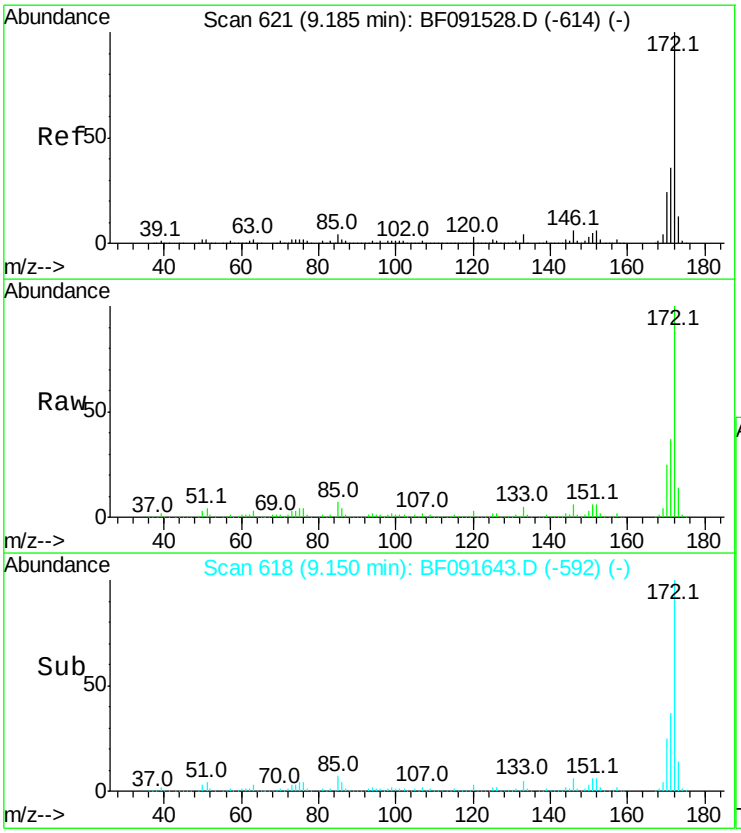
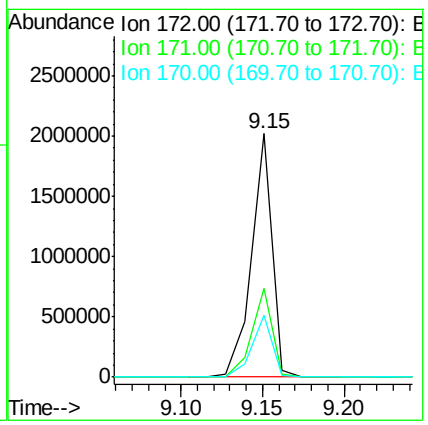
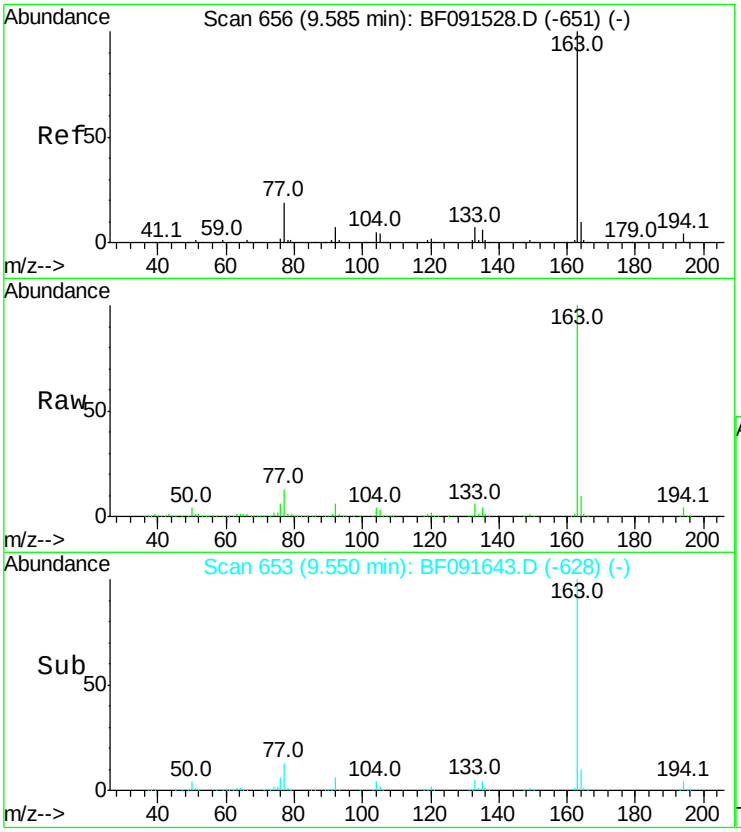


#44
2-Fluorobiphenyl
Concen: 61.25 ng
RT: 9.15 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:172 Resp: 1761972

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	25.1	19.7	29.5

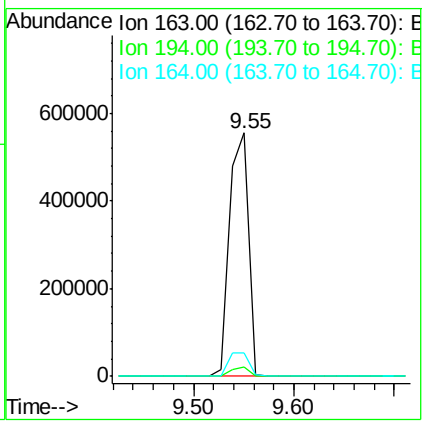




#49
Dimethylphthalate
Concen: 23.04 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:163 Resp: 725270

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	9.8	7.8	11.8



Instrument :
BNA_F
ClientSampleId :
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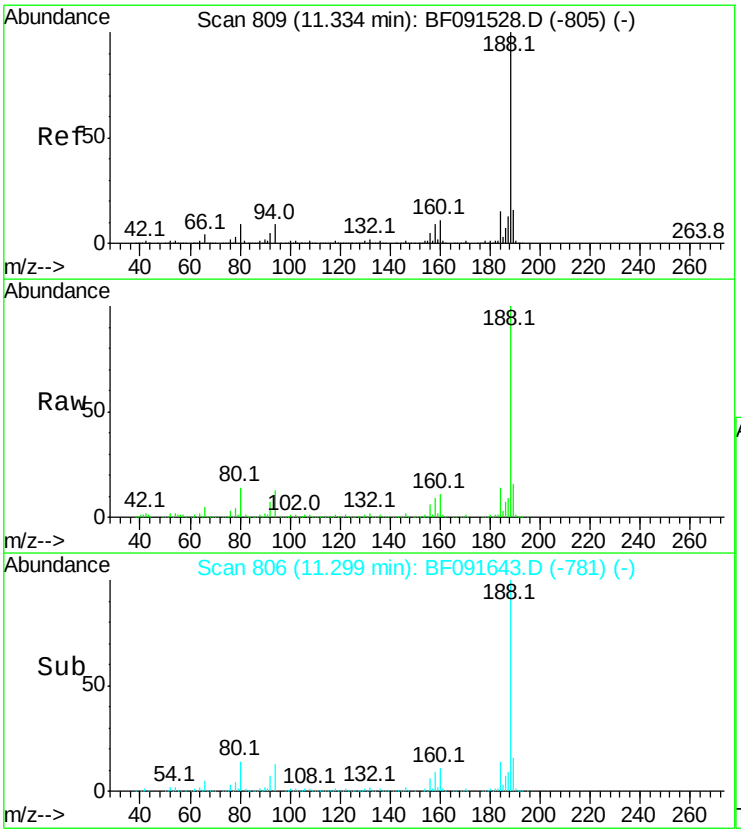
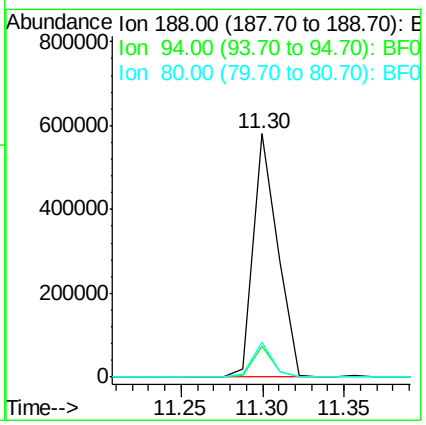
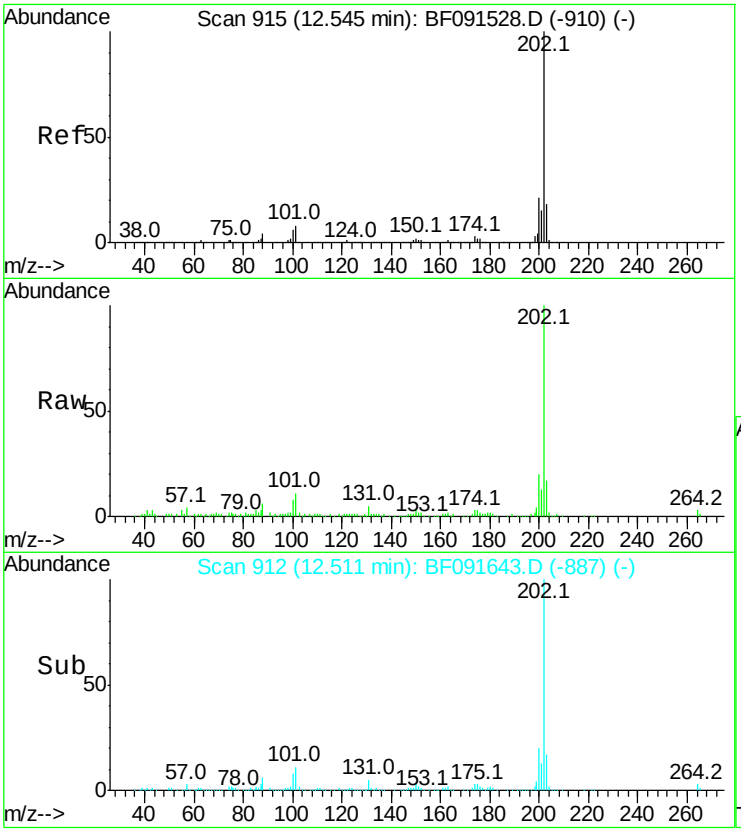


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:188 Resp: 605343

Ion	Ratio	Lower	Upper
188	100		
94	12.8	9.2	13.8
80	14.1	10.5	15.7

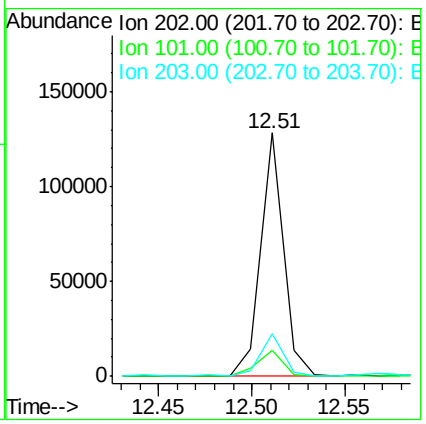




#74
Fluoranthene
Concen: 3.46 ng
RT: 12.51 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:202 Resp: 108638

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	29.5
203	17.4	0.0	37.8



Instrument :
BNA_F
ClientSampleId :
SS01-0-2IN

Manual Integrations APPROVED
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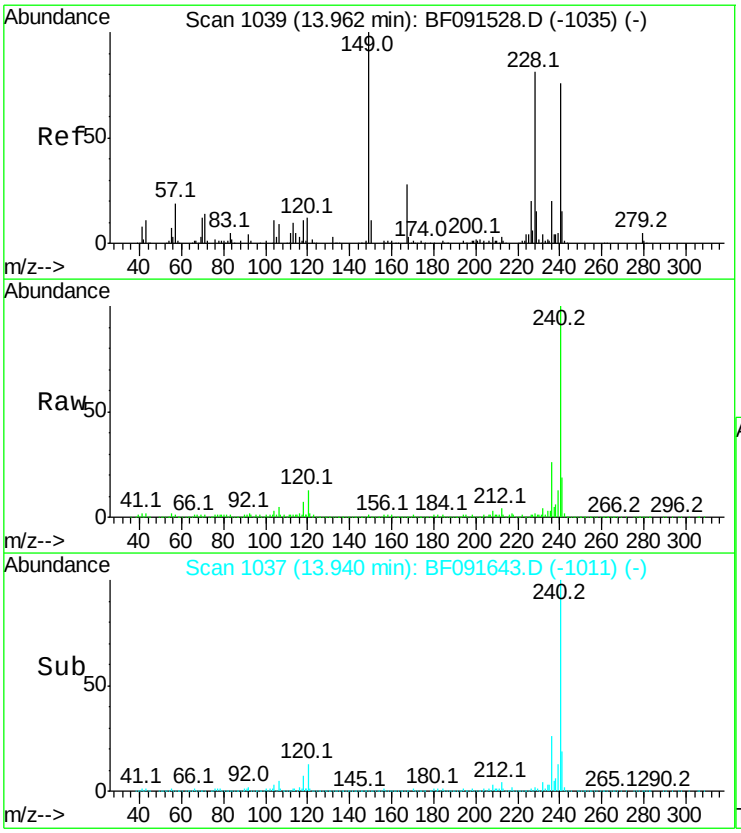
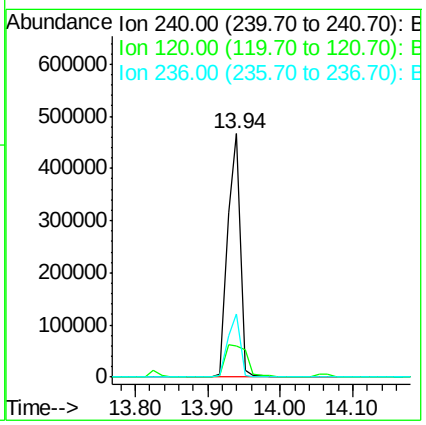
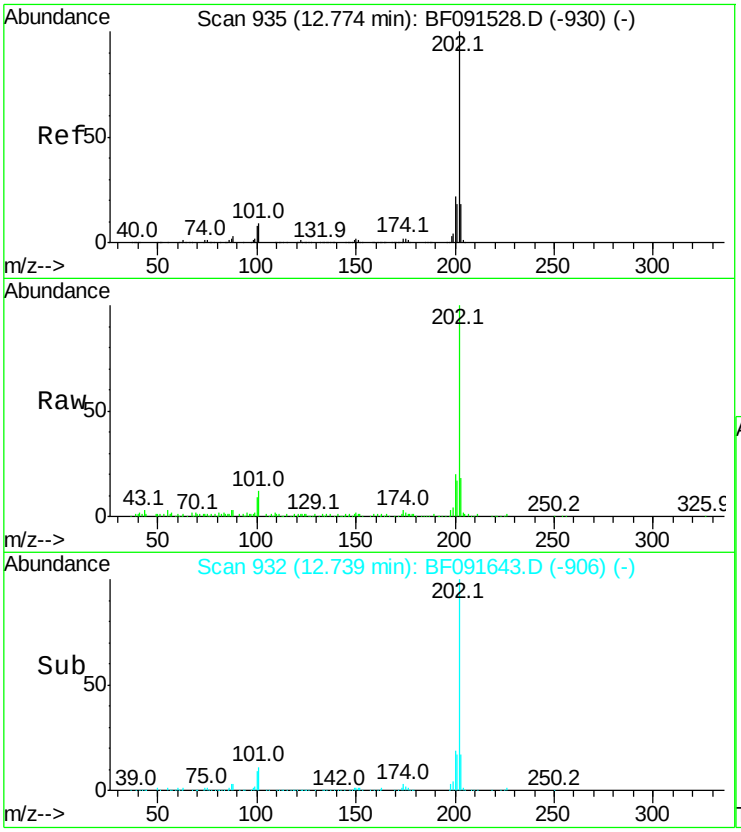


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:240 Resp: 555524

Ion	Ratio	Lower	Upper
240	100		
120	12.9	12.1	18.1
236	25.7	21.0	31.6

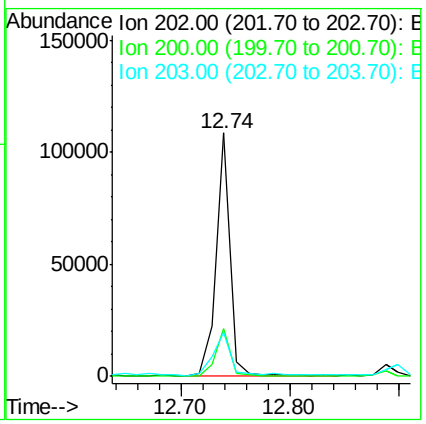




#77
Pyrene
Concen: 2.25 ng
RT: 12.74 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:202 Resp: 99098

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.6	26.4
203	17.8	14.0	21.0



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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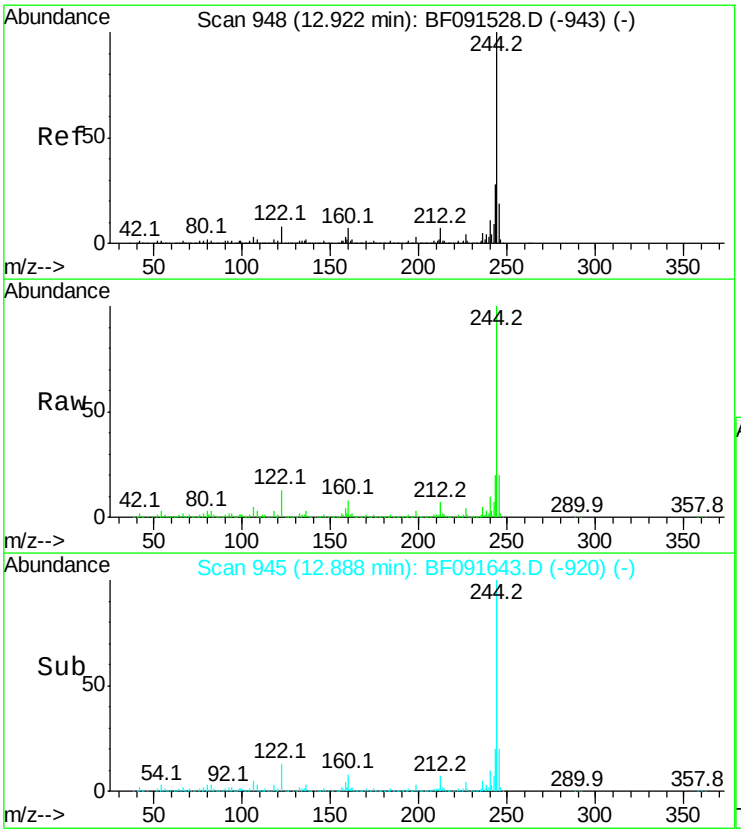
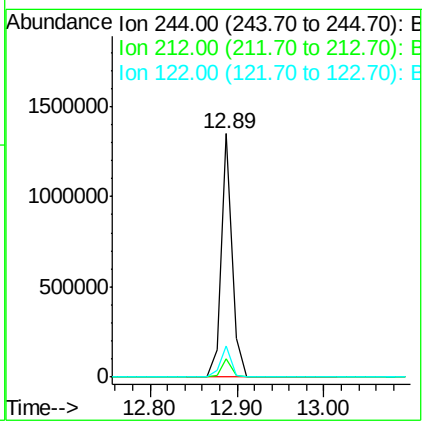
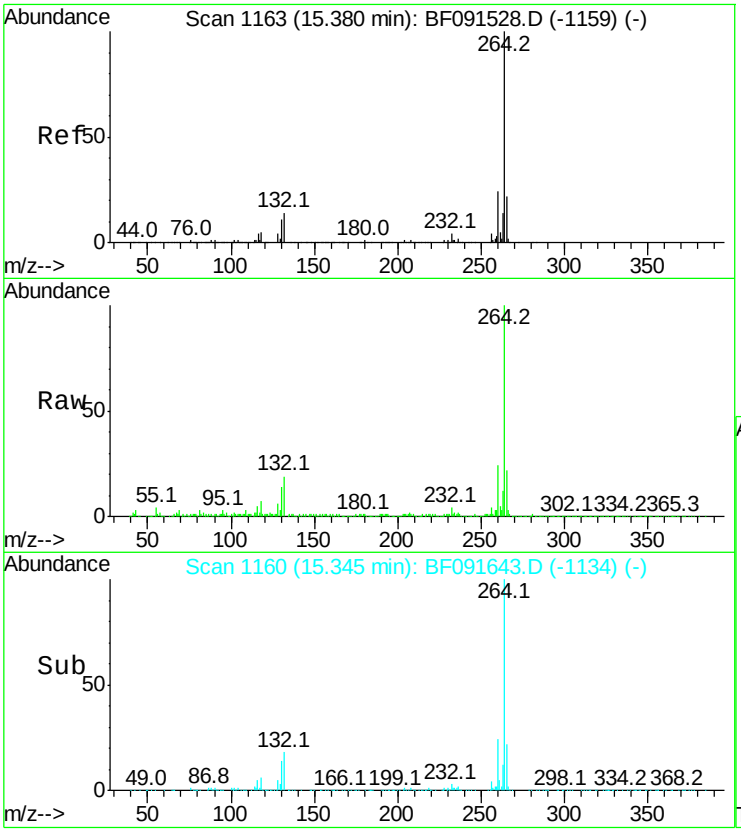


#78
Terphenyl-d14
Concen: 48.41 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:244 Resp: 1185200

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	12.8	9.5	14.3

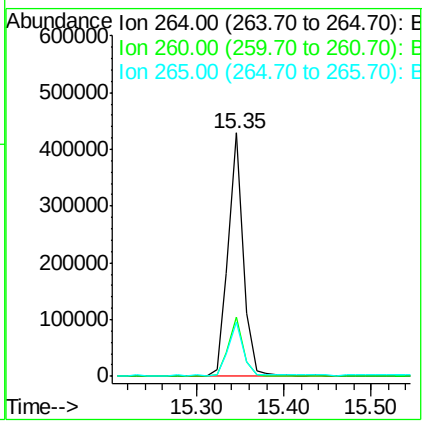




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:264 Resp: 513725

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	22.2	17.0	25.6



Instrument :
BNA_F
ClientSampleId :
SS01-0-2IN

Manual Integrations APPROVED
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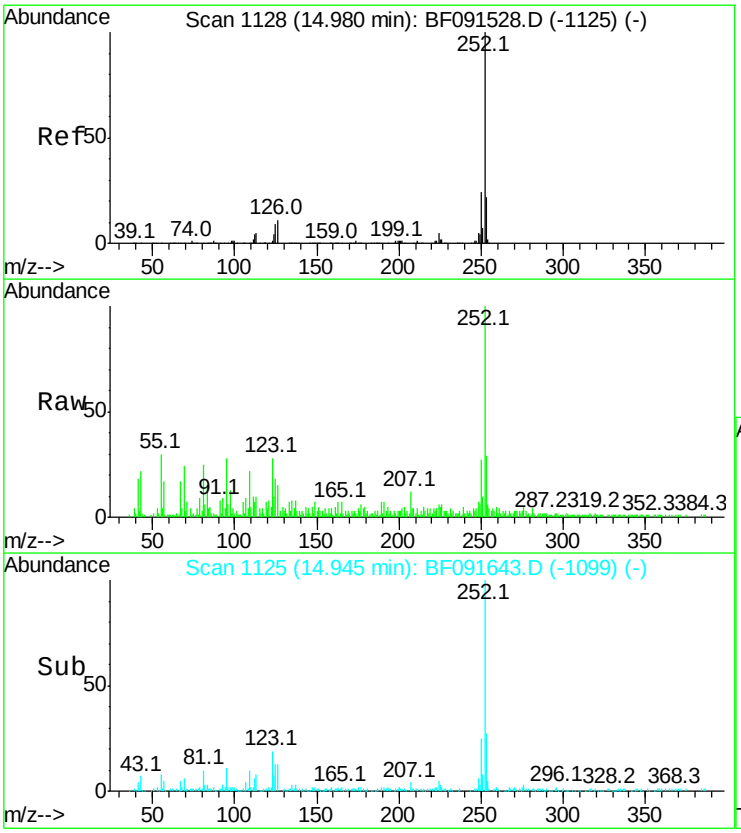
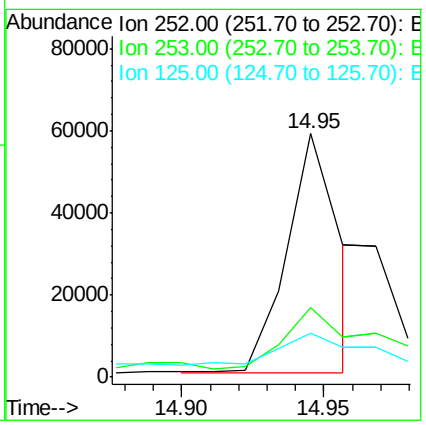
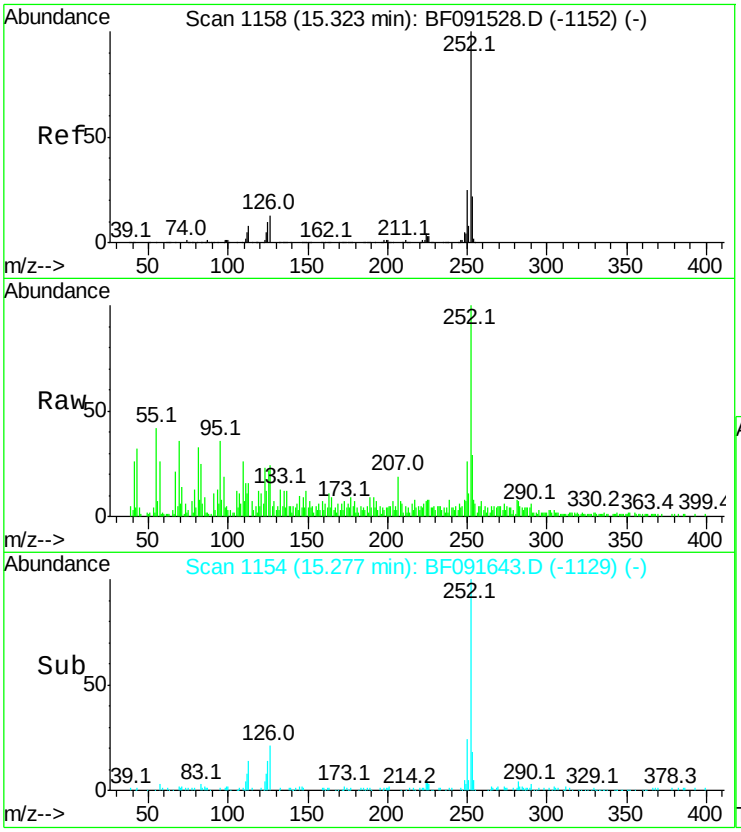


#87
Benzo(b)fluoranthene
Concen: 2.47 ng m
RT: 14.95 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:252 Resp: 75500

Ion	Ratio	Lower	Upper
252	100		
253	28.7	18.2	27.2#
125	18.0	8.6	13.0#

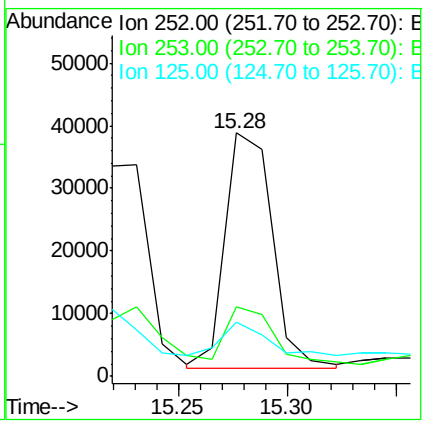




#89
Benzo(a)pyrene
Concen: 2.05 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:252 Resp: 56605

Ion	Ratio	Lower	Upper
252	100		
253	28.7	18.2	27.4#
125	22.5	10.4	15.6#



Instrument :
BNA_F
ClientSampleId :
SS01-0-2IN

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