Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
Data File : BF093242.D
Acq On : 28 Feb 2017 12:18
Operator : SJ/MA
Sample : I1992-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-003-B

Manual Integrations APPROVED
mohammad
3/1/2017 4:05:51 PM

Quant Time: Mar 01 07:08:48 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	131625	20.00	ng		-0.05
21) Naphthalene-d8	8.09	136	553524	20.00	ng		-0.06
38) Acenaphthene-d10	9.84	164	253317	20.00	ng		-0.06
63) Phenanthrene-d10	11.32	188	461619	20.00	ng		-0.06
75) Chrysene-d12	13.96	240	299898	20.00	ng		-0.06
86) Perylene-d12	15.39	264	285755	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1240457	161.68	ng		-0.03
7) Phenol-d6	6.46	99	1687184	170.91	ng		-0.02
23) Nitrobenzene-d5	7.38	82	1066918	107.34	ng		-0.05
41) 2,4,6-Tribromophenol	10.64	330	268550	146.58	ng		-0.05
44) 2-Fluorobiphenyl	9.16	172	1489107	106.50	ng		-0.06
78) Terphenyl-d14	12.91	244	1193658	93.52	ng		-0.06
Target Compounds							Qvalue
49) Dimethylphthalate	9.56	163	384761	22.55	ng		99
70) Phenanthrene	11.34	178	107573	4.07	ng		97
74) Fluoranthene	12.53	202	162645	5.96	ng		96
77) Pyrene	12.76	202	142388	6.34	ng		100
80) Benzo(a)anthracene	13.95	228	63332	3.45	ng		99
82) Chrysene	13.99	228	45506	2.65	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	30098	2.26	ng		97
87) Benzo(b)fluoranthene	14.98	252	72698m	3.87	ng		
89) Benzo(a)pyrene	15.32	252	43535	2.68	ng	#	89
91) Benzo(g,h,i)perylene	17.19	276	31633	2.38	ng	#	85

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

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Instrument :
BNA_F
ClientSampleId :
FK-GF-02-003-B

Manual Integrations APPROVED
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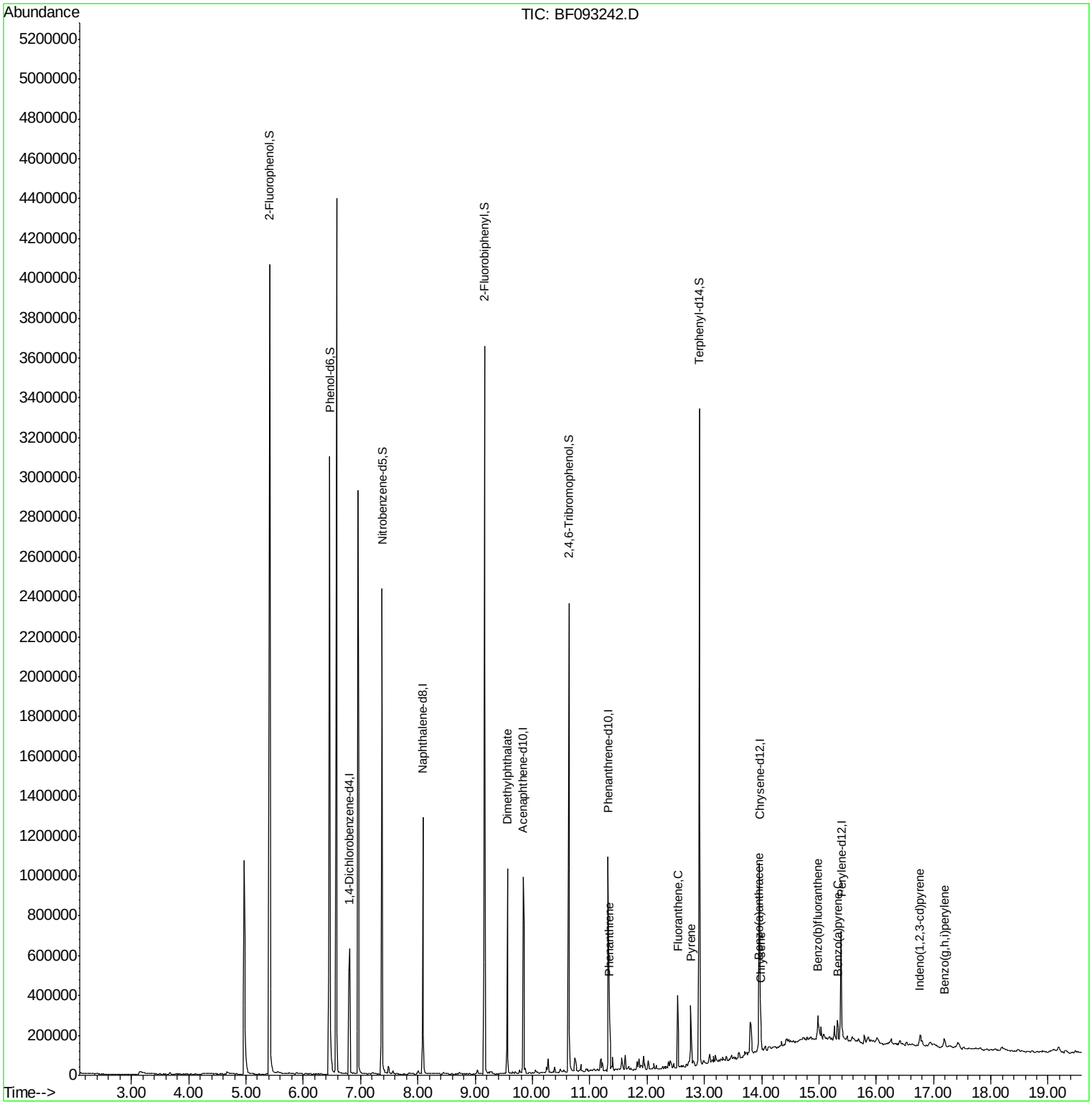
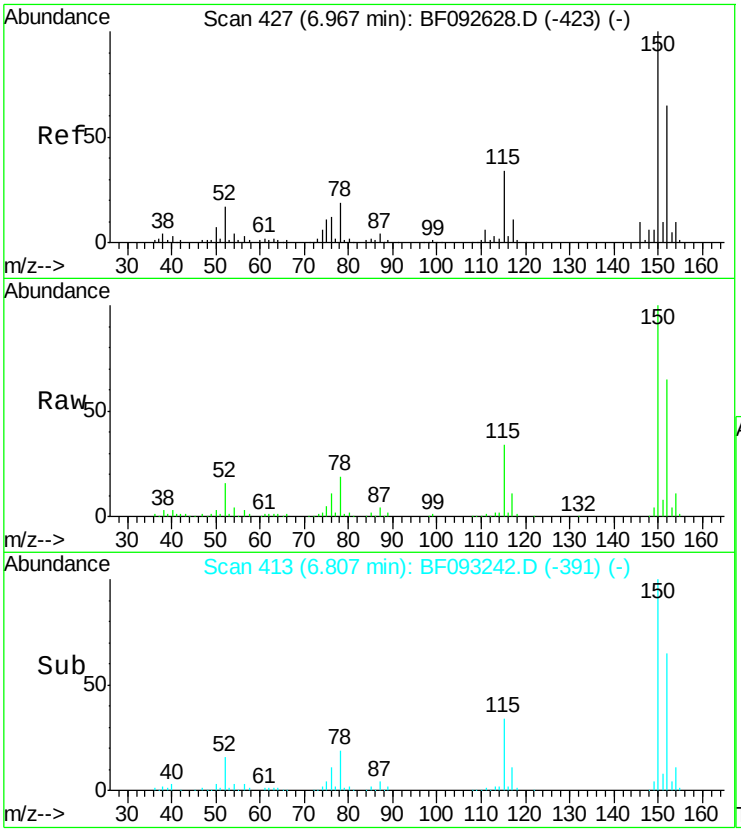
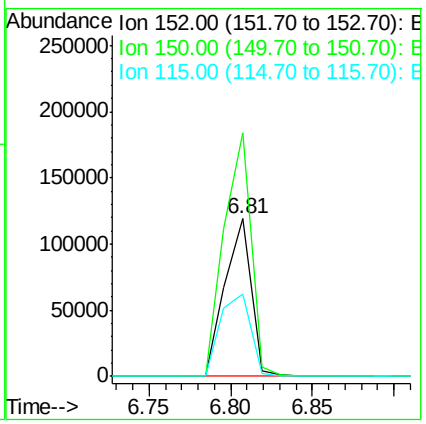




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF093242.D
Acq: 28 Feb 2017 12:18

Tgt Ion:152 Resp: 131625

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.9	187.3
115	52.7	46.0	69.0



Instrument :
BNA_F
ClientSampleId :
FK-GF-02-003-B

Manual Integrations APPROVED
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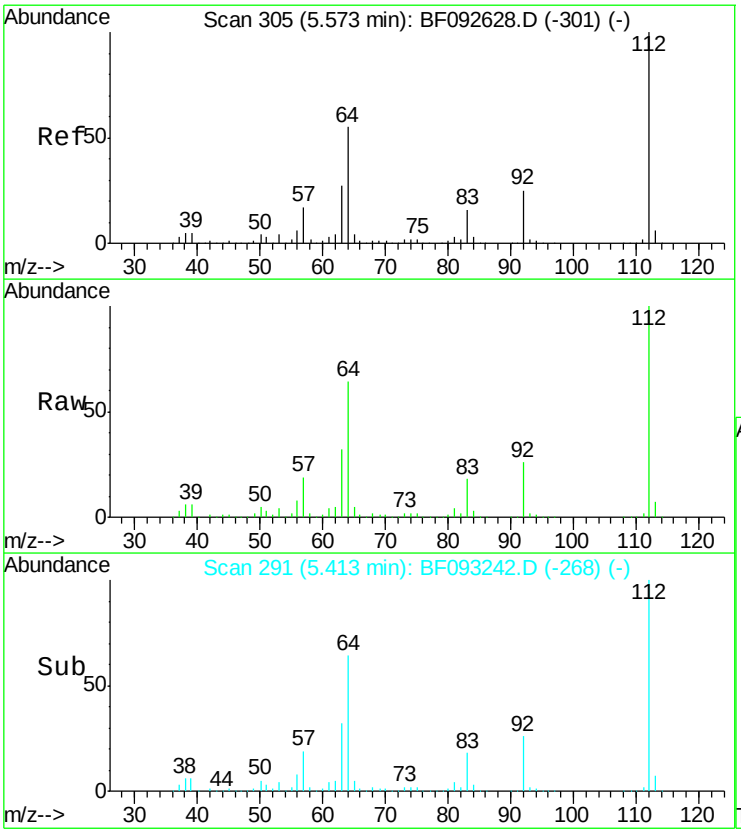
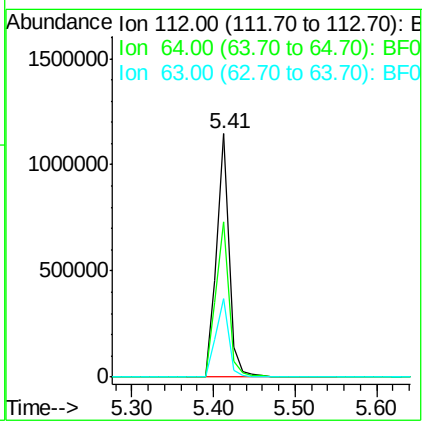
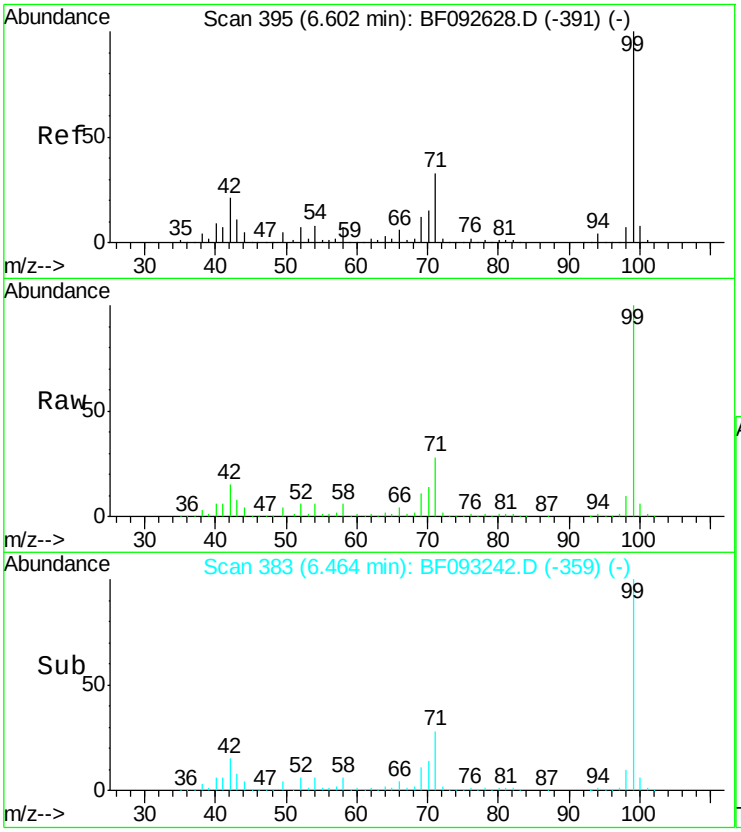


#5
2-Fluorophenol
Concen: 161.68 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.03 min
Lab File: BF093242.D
Acq: 28 Feb 2017 12:18

Tgt Ion:112 Resp: 1240457

Ion	Ratio	Lower	Upper
112	100		
64	63.6	46.1	69.1
63	32.0	23.8	35.6

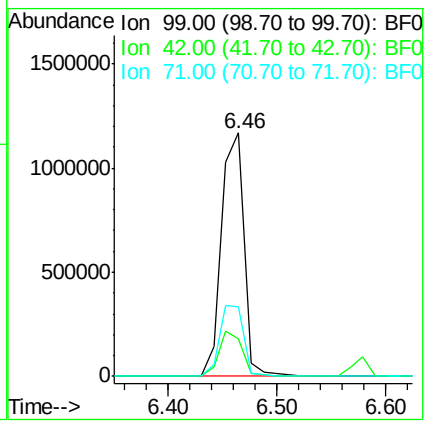




#7
Phenol-d6
Concen: 170.91 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.02 min
Lab File: BF093242.D
Acq: 28 Feb 2017 12:18

Tgt Ion: 99 Resp: 1687184

Ion	Ratio	Lower	Upper
99	100		
42	15.5	15.6	23.4#
71	28.5	27.5	41.3



Instrument :
BNA_F
ClientSampleId :
FK-GF-02-003-B

Manual Integrations APPROVED
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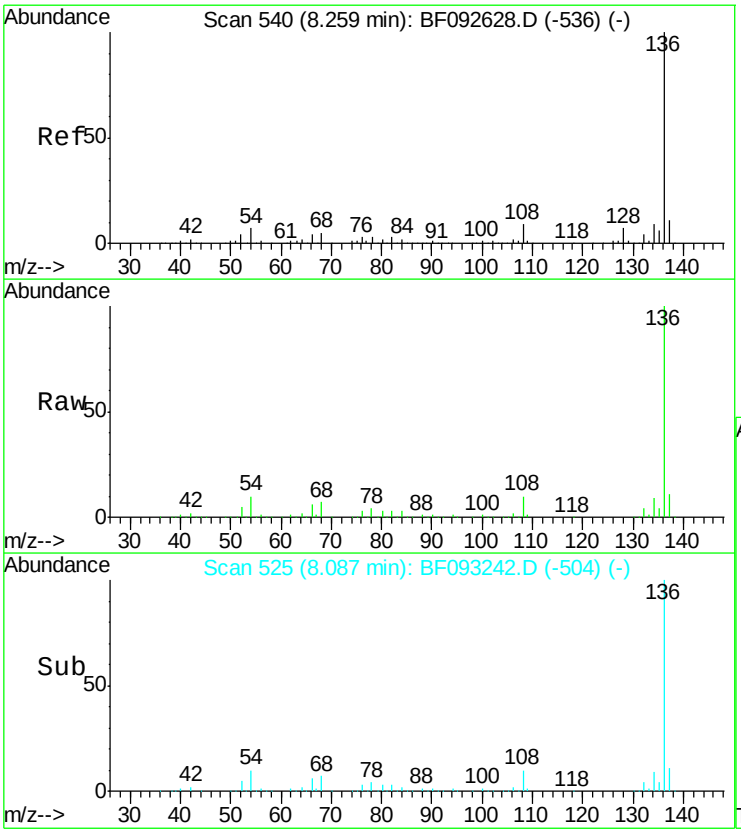
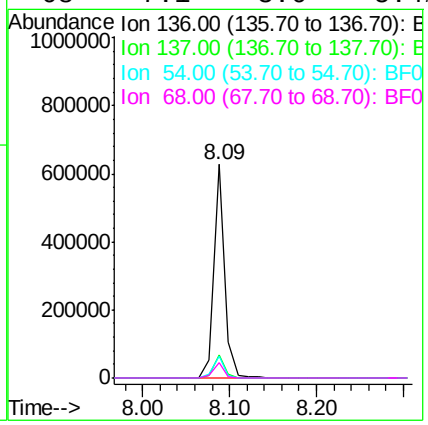
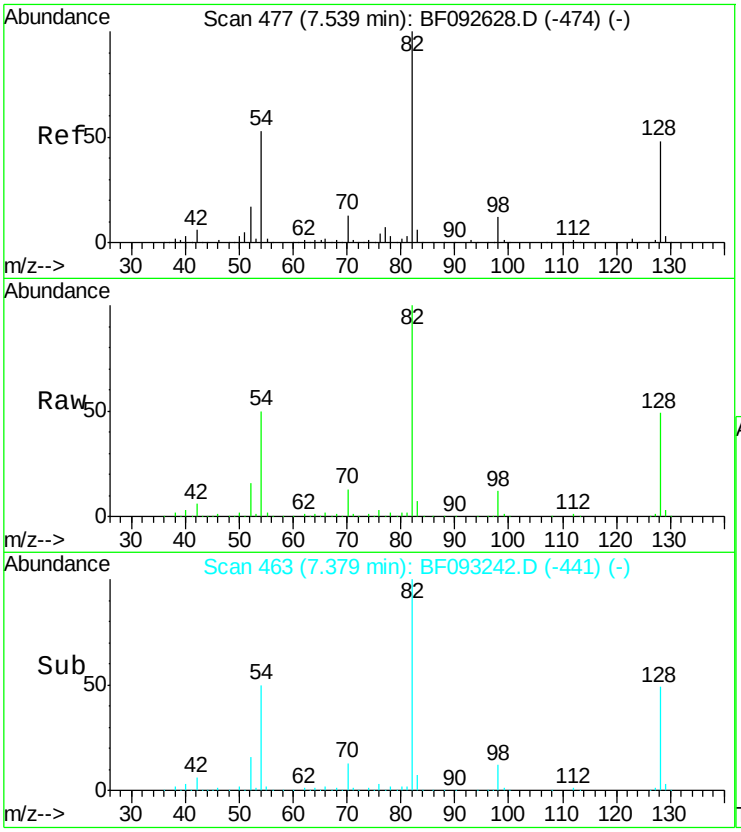


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093242.D
Acq: 28 Feb 2017 12:18

Tgt Ion:136 Resp: 553524

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.4	4.5	6.7#
68	7.1	3.6	5.4#

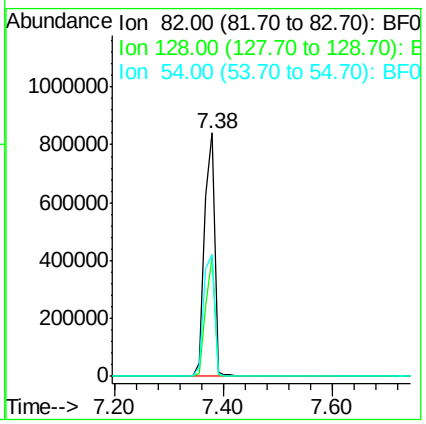




#23
Nitrobenzene-d5
Concen: 107.34 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093242.D
Acq: 28 Feb 2017 12:18

Tgt Ion: 82 Resp: 1066918

Ion	Ratio	Lower	Upper
82	100		
128	49.1	34.6	52.0
54	50.3	39.5	59.3



Instrument :
BNA_F
ClientSampleId :
FK-GF-02-003-B

Manual Integrations APPROVED
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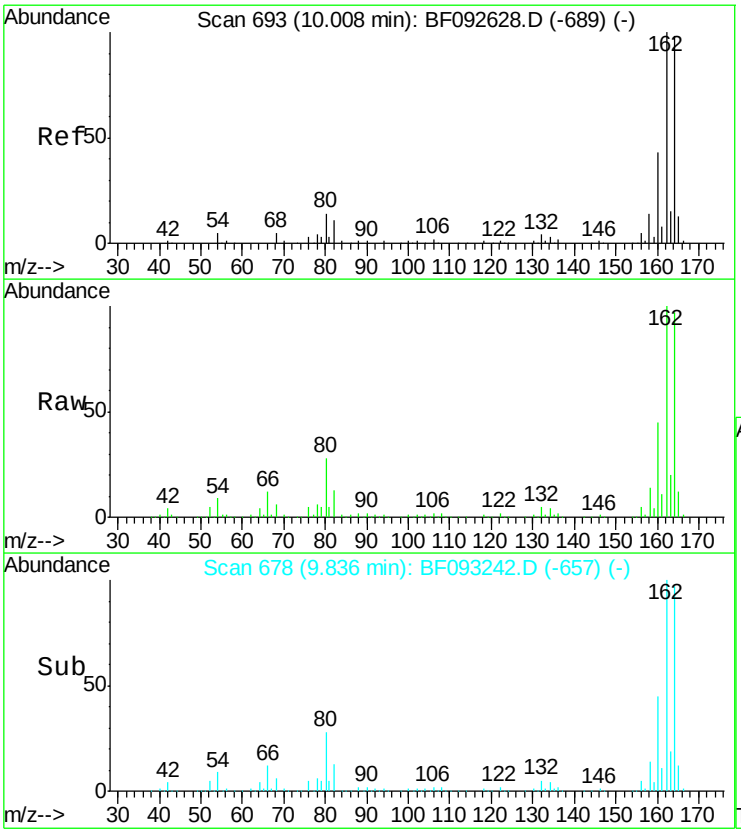
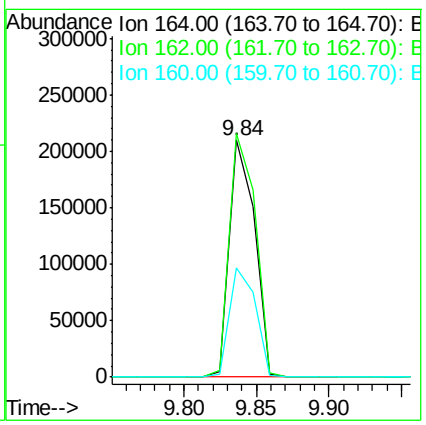
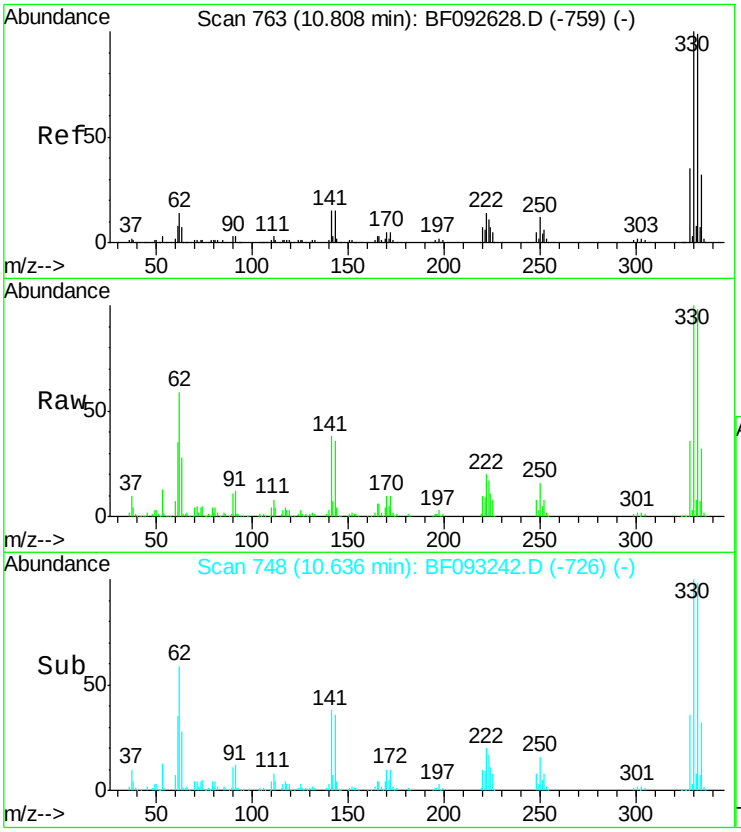


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.06 min
Lab File: BF093242.D
Acq: 28 Feb 2017 12:18

Tgt Ion:164 Resp: 253317

Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.2	120.2
160	46.0	36.9	55.3

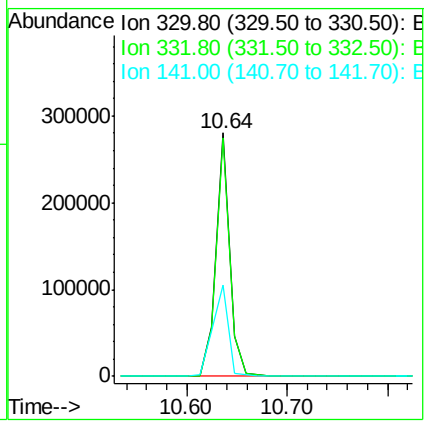




#41
2,4,6-Tribromophenol
Concen: 146.58 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.05 min
Lab File: BF093242.D
Acq: 28 Feb 2017 12:18

Tgt Ion:330 Resp: 268550

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.4	116.2
141	42.7	34.1	51.1



Instrument :
BNA_F
ClientSampleId :
FK-GF-02-003-B

Manual Integrations APPROVED
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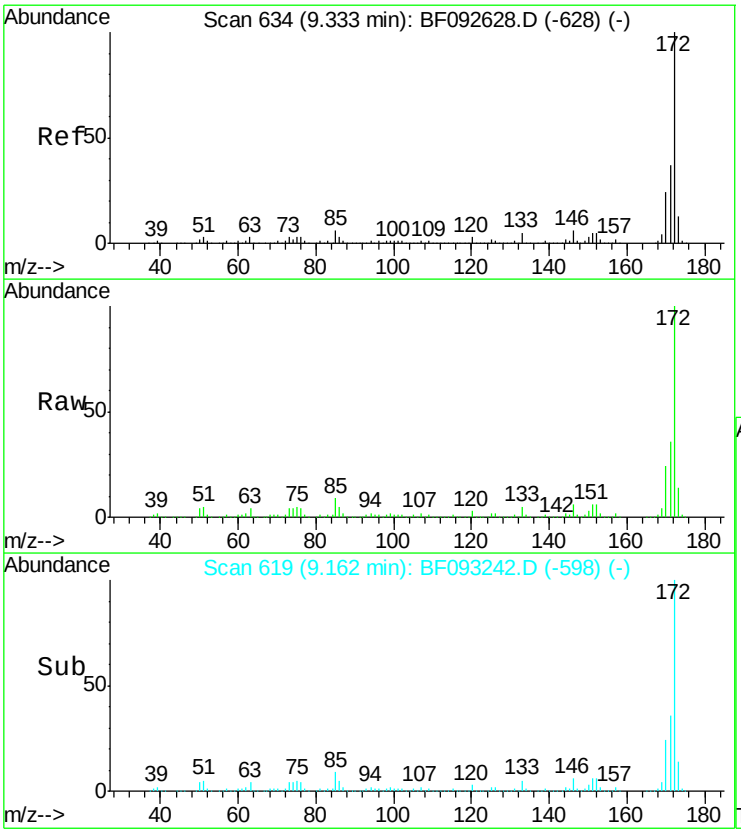
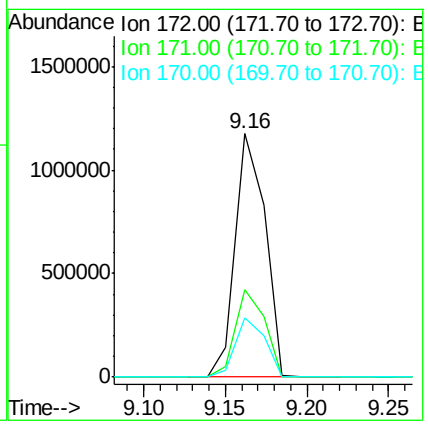
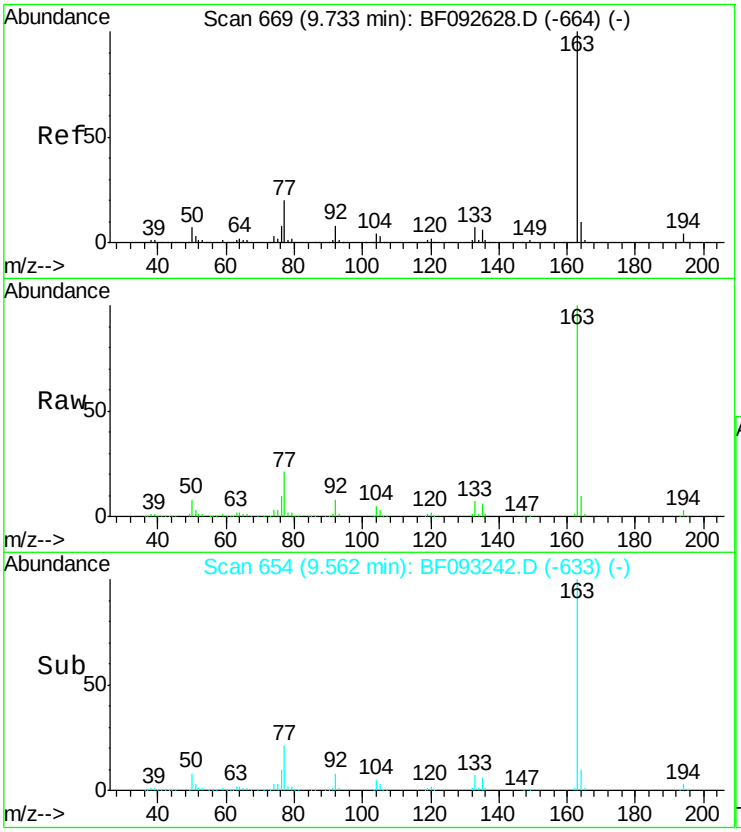


#44
2-Fluorobiphenyl
Concen: 106.50 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.06 min
Lab File: BF093242.D
Acq: 28 Feb 2017 12:18

Tgt Ion:172 Resp: 1489107

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.5	20.2	30.4

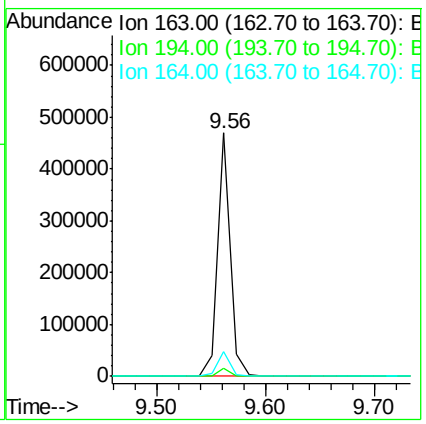




#49
Dimethylphthalate
Concen: 22.55 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF093242.D
Acq: 28 Feb 2017 12:18

Tgt Ion:163 Resp: 384761

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.3	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
FK-GF-02-003-B

Manual Integrations APPROVED
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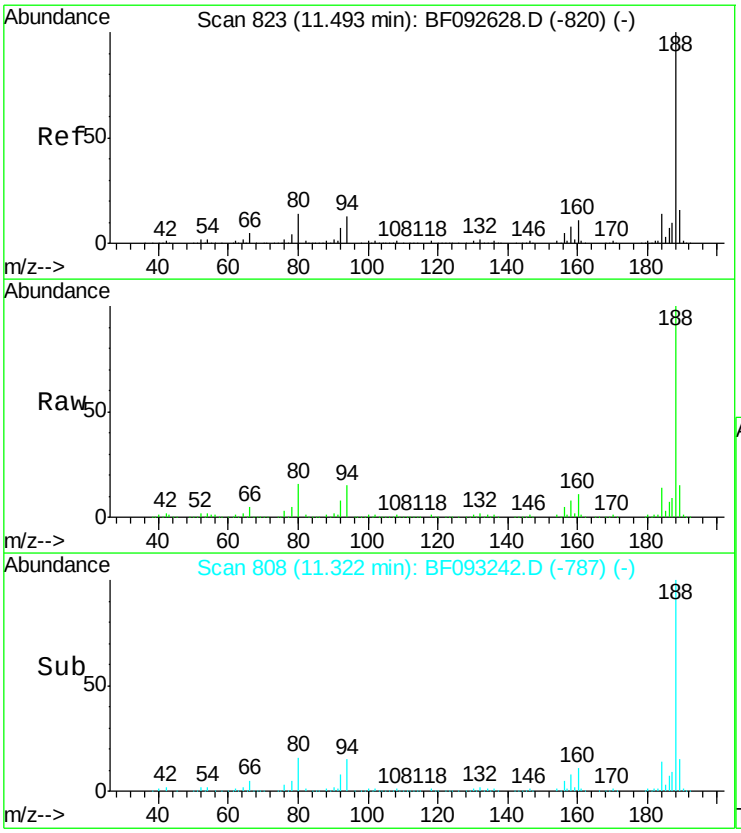
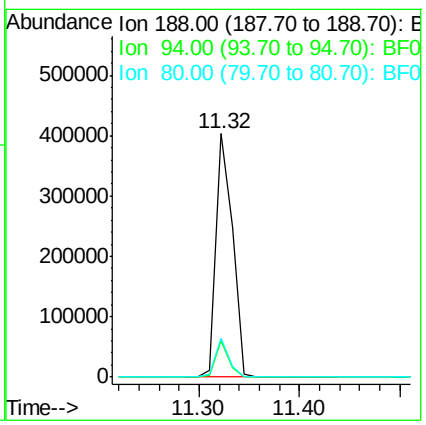
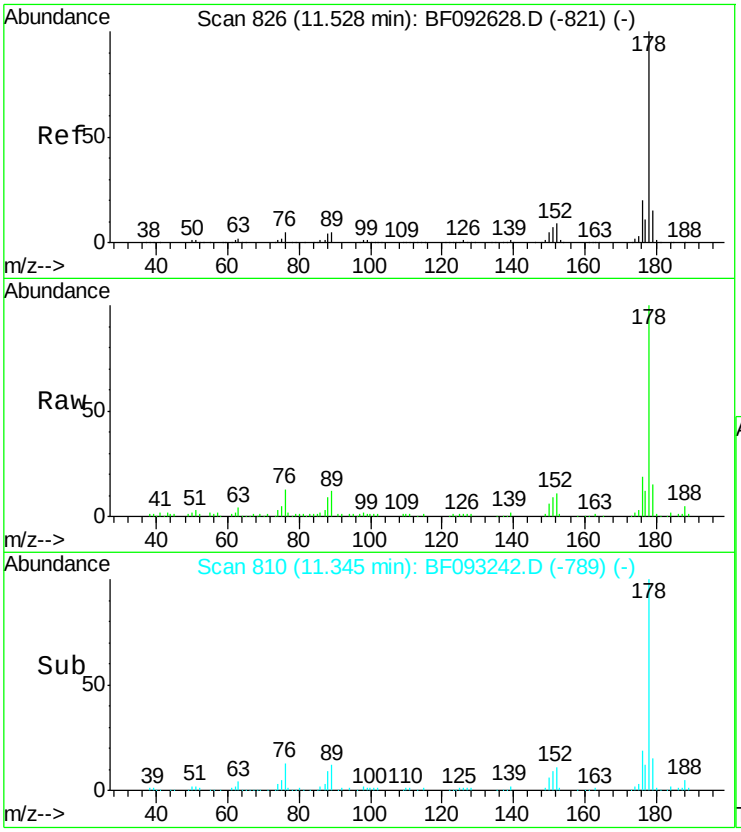


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF093242.D
Acq: 28 Feb 2017 12:18

Tgt Ion:188 Resp: 461619

Ion	Ratio	Lower	Upper
188	100		
94	14.9	10.0	15.0
80	16.0	11.2	16.8

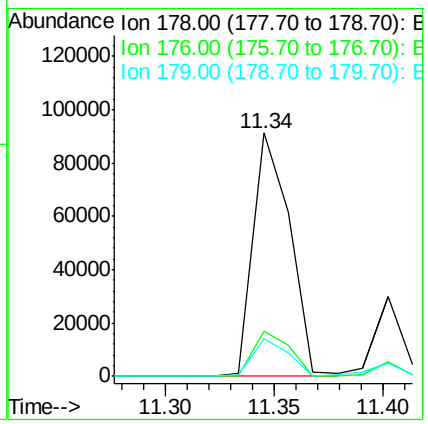




#70
Phenanthrene
Concen: 4.07 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.06 min
Lab File: BF093242.D
Acq: 28 Feb 2017 12:18

Tgt Ion:178 Resp: 107573

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.6	25.0
179	15.3	12.8	19.2



Instrument :
BNA_F
ClientSampleId :
FK-GF-02-003-B

Manual Integrations APPROVED
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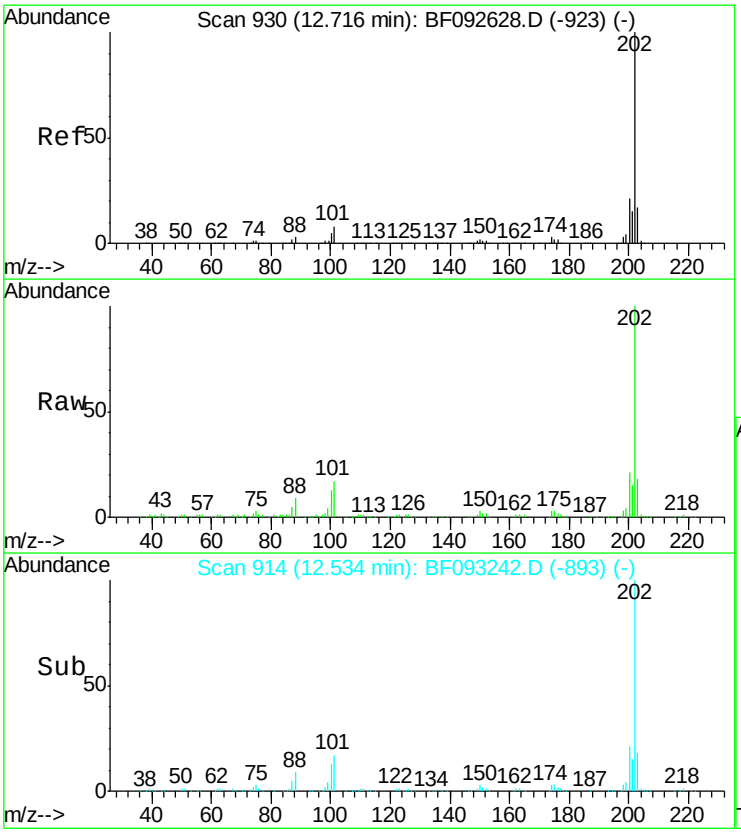
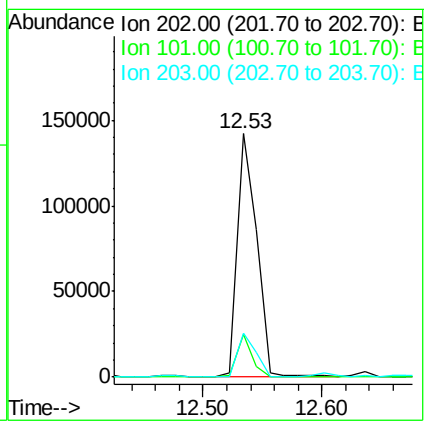
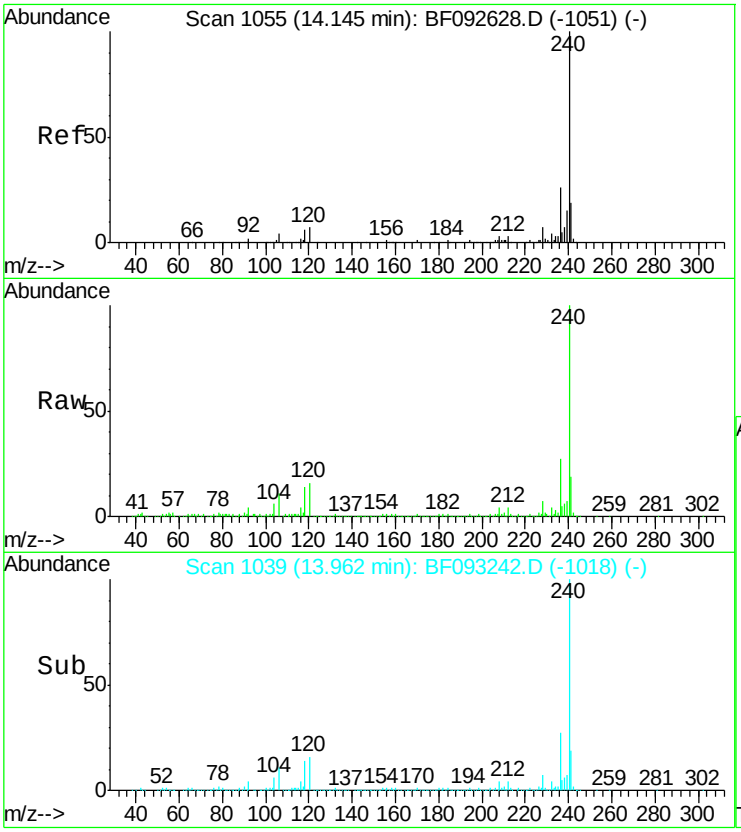


#74
Fluoranthene
Concen: 5.96 ng
RT: 12.53 min Scan# 914
Delta R.T. -0.06 min
Lab File: BF093242.D
Acq: 28 Feb 2017 12:18

Tgt Ion:202 Resp: 162645

Ion	Ratio	Lower	Upper
202	100		
101	17.3	0.0	34.6
203	17.9	0.0	38.7

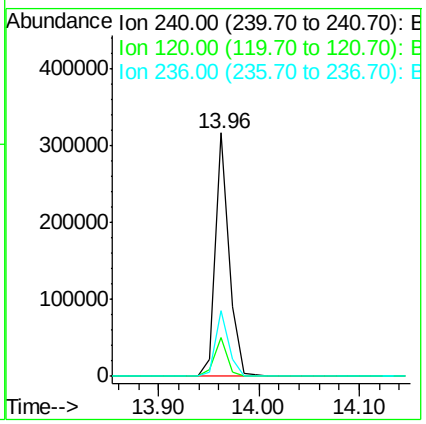




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.06 min
Lab File: BF093242.D
Acq: 28 Feb 2017 12:18

Tgt Ion:240 Resp: 299898

Ion	Ratio	Lower	Upper
240	100		
120	16.1	12.9	19.3
236	26.9	20.9	31.3



Instrument :
BNA_F
ClientSampleId :
FK-GF-02-003-B

Manual Integrations APPROVED
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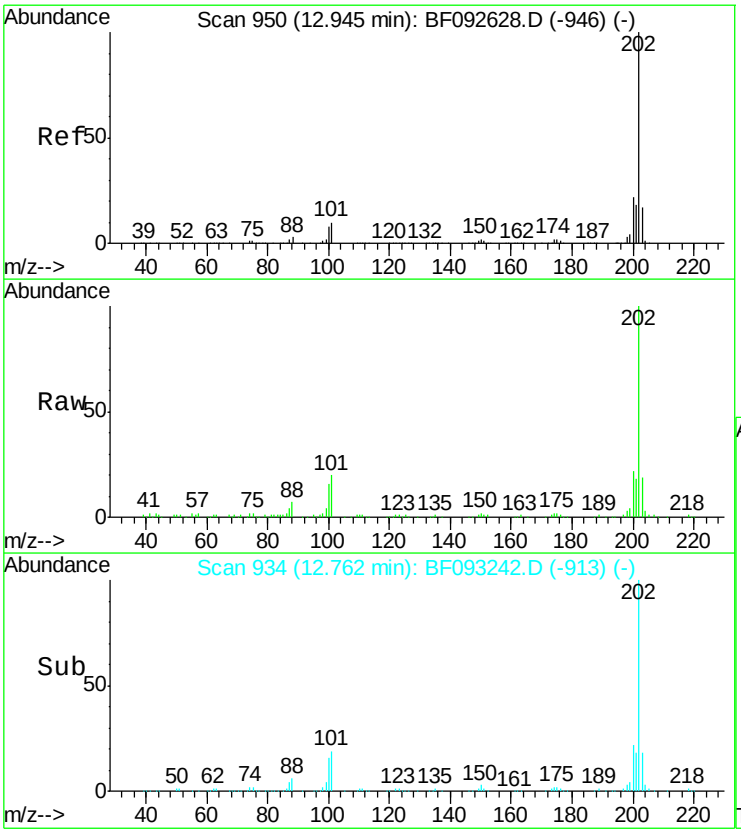
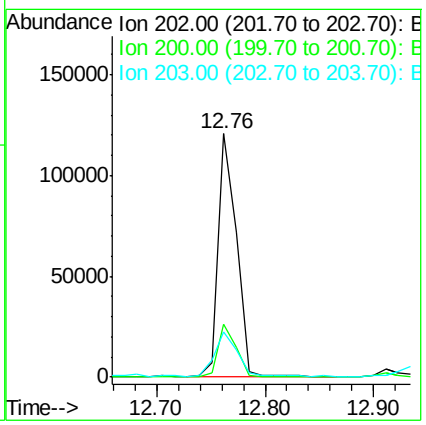
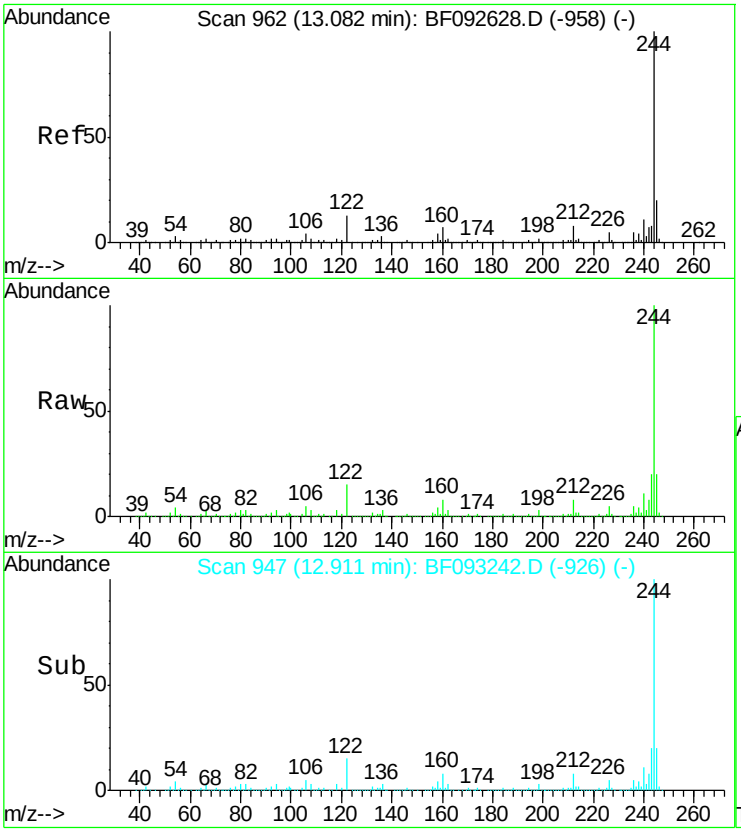


#77
Pyrene
Concen: 6.34 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.06 min
Lab File: BF093242.D
Acq: 28 Feb 2017 12:18

Tgt Ion:202 Resp: 142388

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	18.6	14.7	22.1

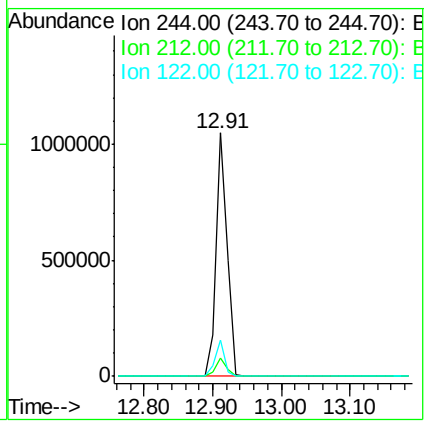




#78
Terphenyl-d14
Concen: 93.52 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.06 min
Lab File: BF093242.D
Acq: 28 Feb 2017 12:18

Tgt Ion:244 Resp: 1193658

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	14.9	11.4	17.2



Instrument :
BNA_F
ClientSampleId :
FK-GF-02-003-B

Manual Integrations APPROVED
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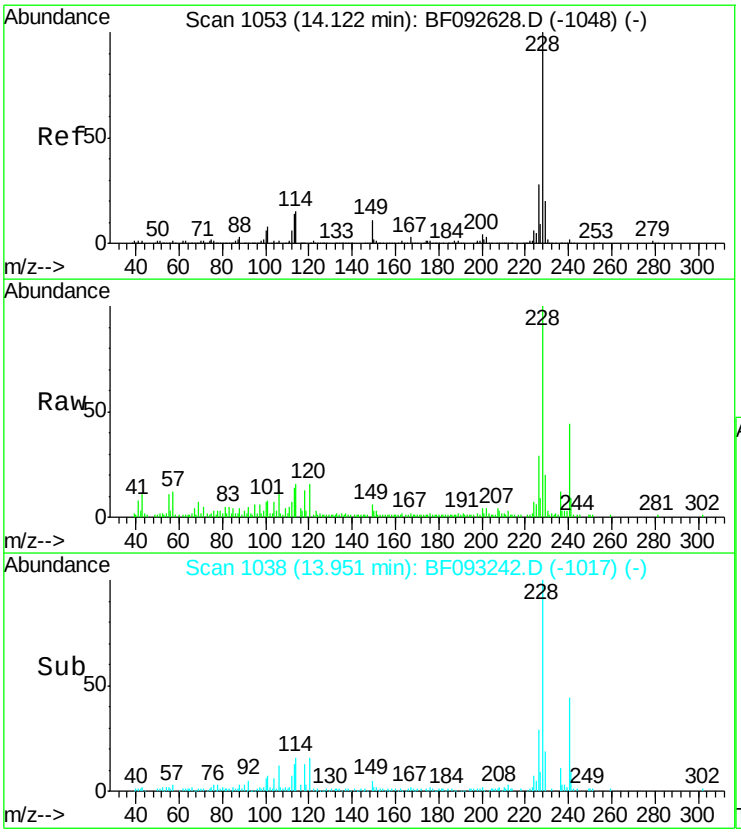
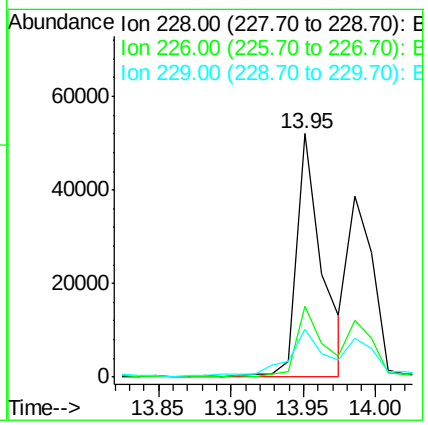
3/1/2017 4:05:51 PM

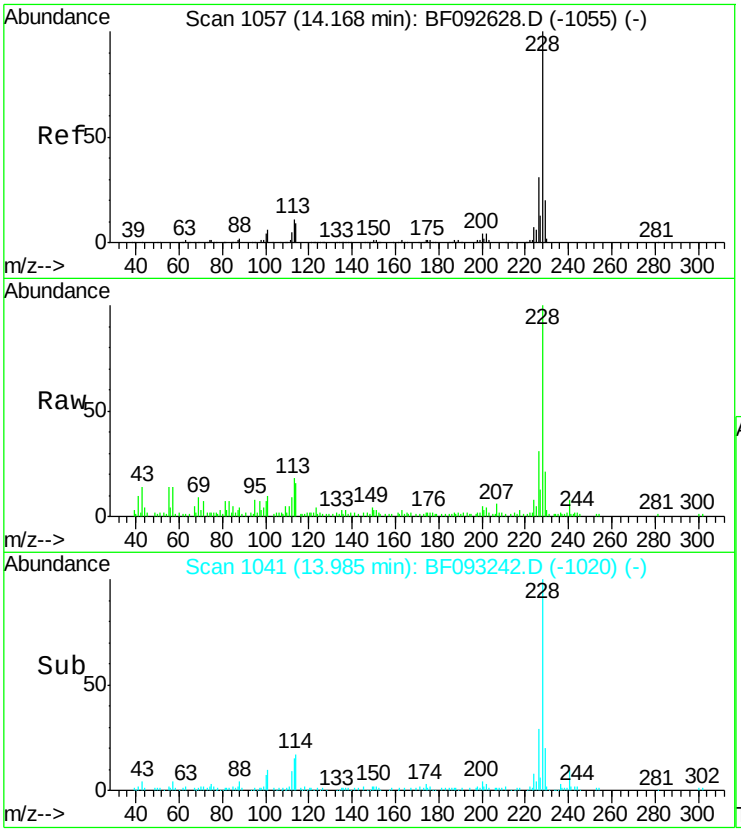


#80
Benzo(a)anthracene
Concen: 3.45 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.06 min
Lab File: BF093242.D
Acq: 28 Feb 2017 12:18

Tgt Ion:228 Resp: 63332

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.4	33.6
229	19.8	16.2	24.4

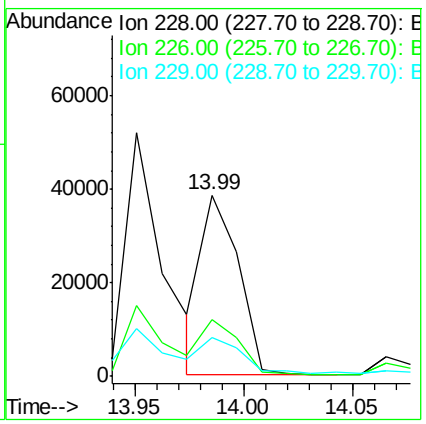




#82
Chrysene
Concen: 2.65 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.06 min
Lab File: BF093242.D
Acq: 28 Feb 2017 12:18

Tgt Ion:228 Resp: 45506

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.0
229	21.0	16.2	24.2



Instrument :
BNA_F
ClientSampleId :
FK-GF-02-003-B

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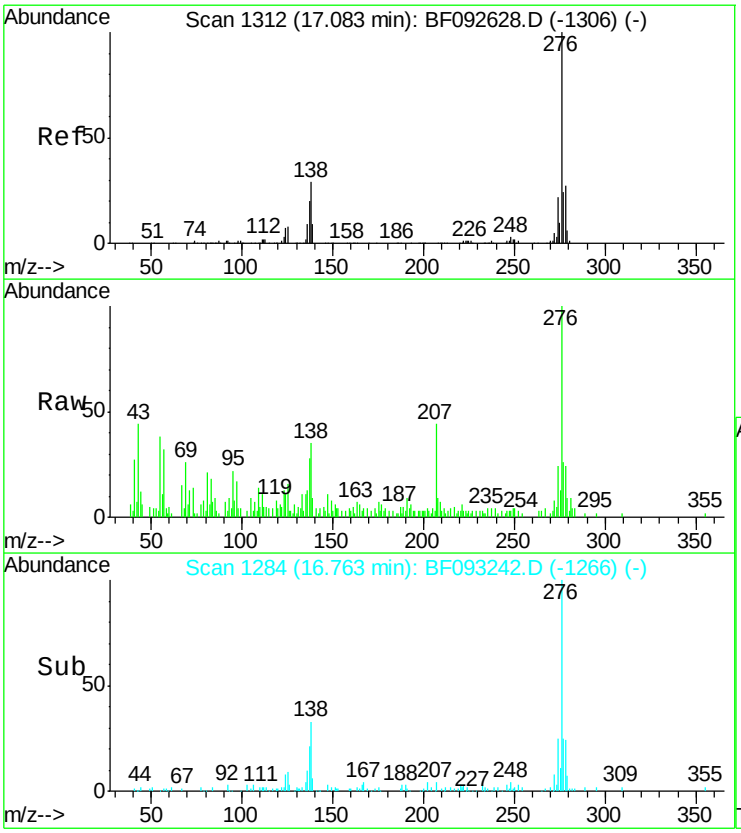
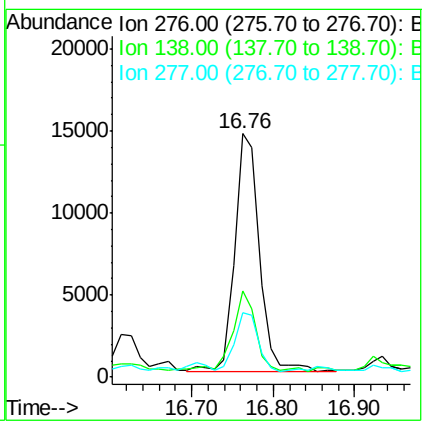
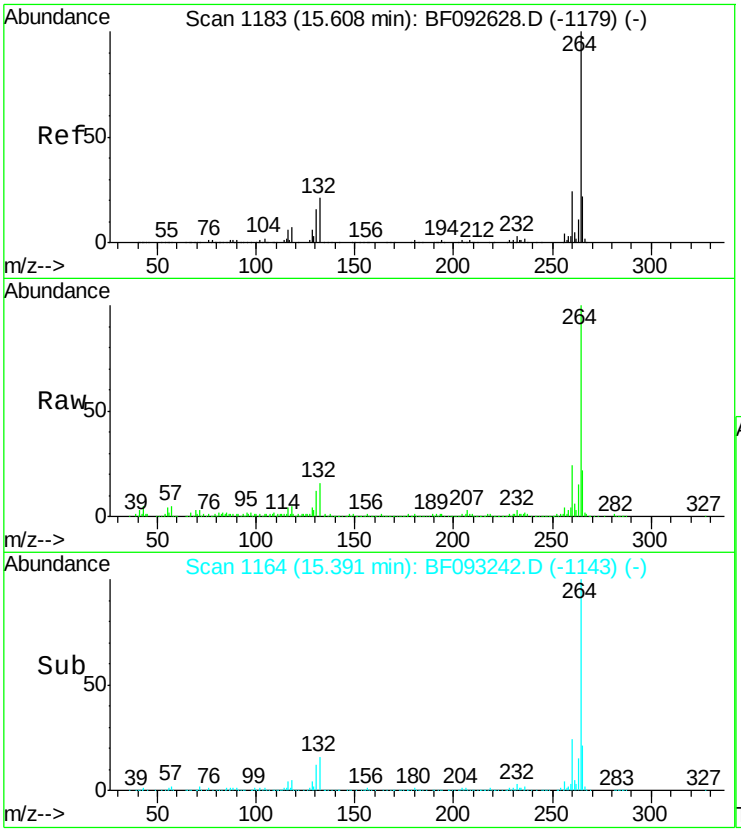


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.26 ng
RT: 16.76 min Scan# 1284
Delta R.T. -0.09 min
Lab File: BF093242.D
Acq: 28 Feb 2017 12:18

Tgt Ion:276 Resp: 30098

Ion	Ratio	Lower	Upper
276	100		
138	29.3	21.8	32.6
277	25.9	20.2	30.4

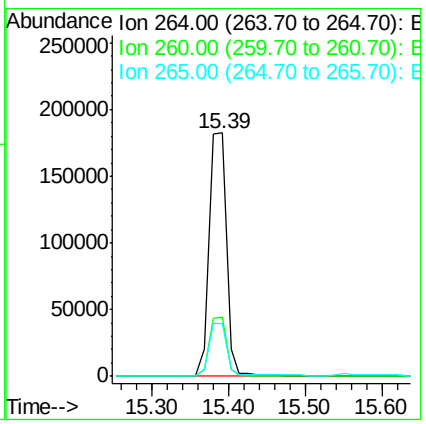




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF093242.D
Acq: 28 Feb 2017 12:18

Tgt Ion:264 Resp: 285755

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.6	17.4	26.0



Instrument :
BNA_F
ClientSampleId :
FK-GF-02-003-B

Manual Integrations APPROVED
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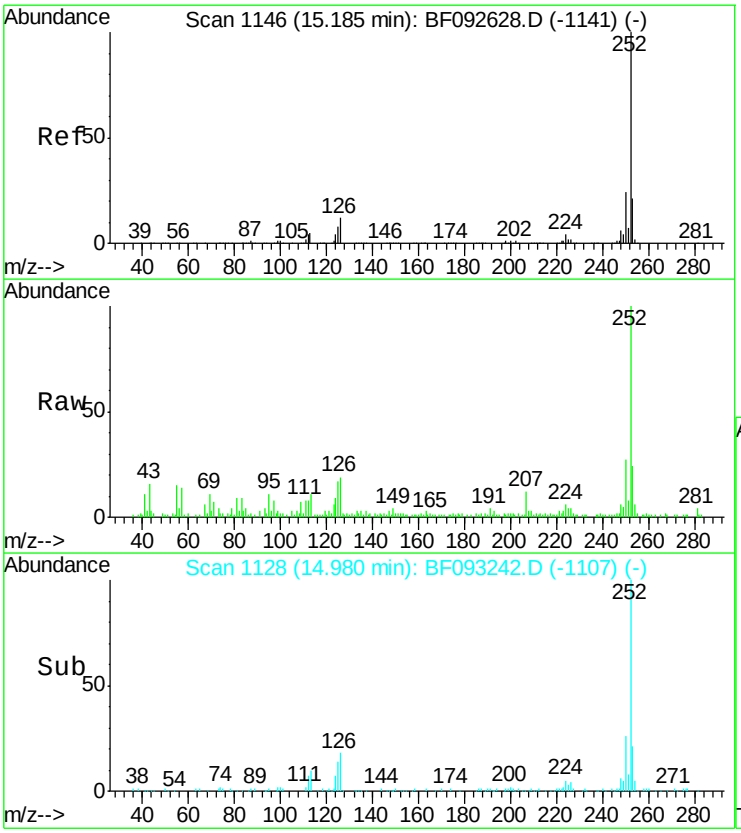
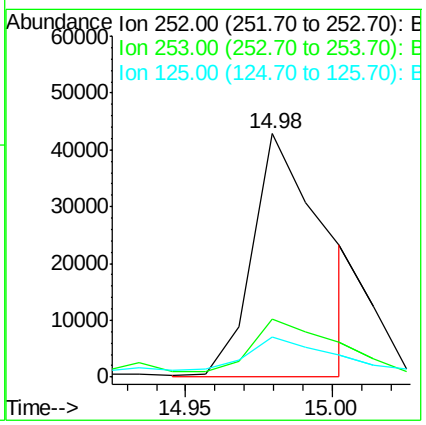
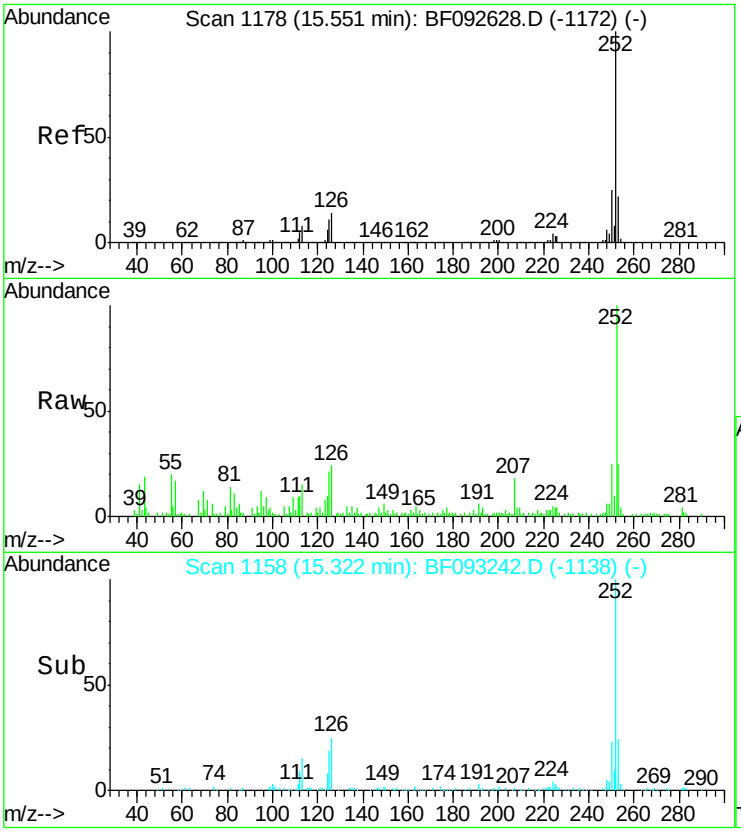


#87
Benzo(b)fluoranthene
Concen: 3.87 ng m
RT: 14.98 min Scan# 1128
Delta R.T. -0.06 min
Lab File: BF093242.D
Acq: 28 Feb 2017 12:18

Tgt Ion:252 Resp: 72698

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	16.7	9.8	14.6#

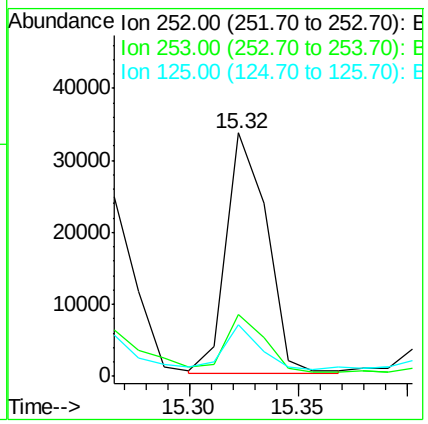




#89
Benzo(a)pyrene
Concen: 2.68 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.07 min
Lab File: BF093242.D
Acq: 28 Feb 2017 12:18

Tgt Ion:252 Resp: 43535

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.2	27.2
125	21.0	10.0	15.0#



Instrument :
BNA_F
ClientSampleId :
FK-GF-02-003-B

Manual Integrations APPROVED
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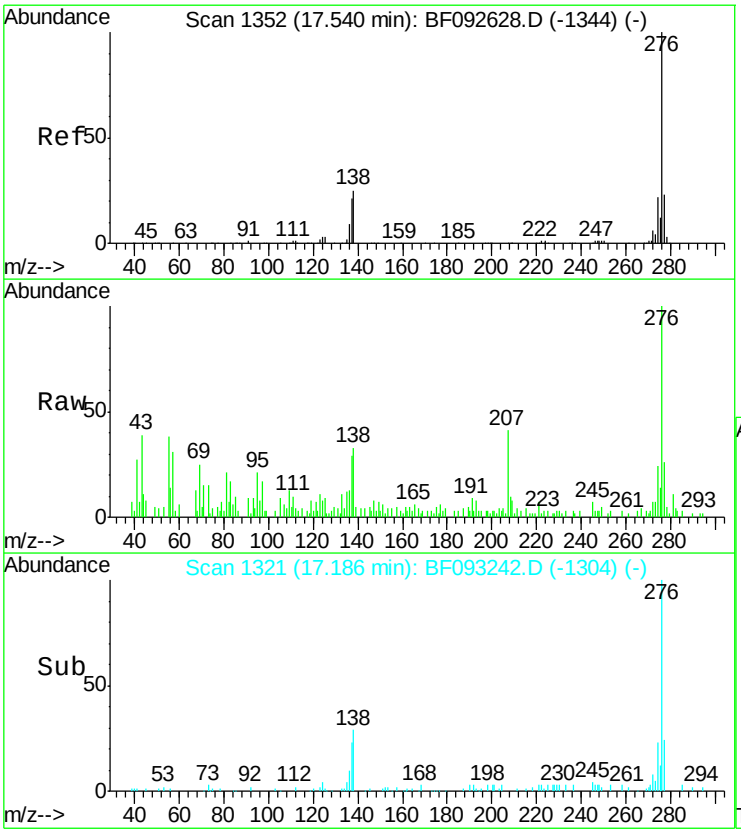

#91
Benzo(g,h,i)perylene
Concen: 2.38 ng
RT: 17.19 min Scan# 1321
Delta R.T. -0.10 min
Lab File: BF093242.D
Acq: 28 Feb 2017 12:18

Tgt Ion:276 Resp: 31633

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.2	28.8
138	32.6	16.0	24.0#