Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096532.D
Acq On : 6 Jul 2017 14:47
Operator : SJ/MA
Sample : I4053-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-E

Manual Integrations APPROVED
mohammad
7/7/2017 1:30:05 PM

Quant Time: Jul 06 19:10:13 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 13:27:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	122004	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	490318	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	194346	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	293688	20.00	ng		0.00
75) Chrysene-d12	13.86	240	231106	20.00	ng		0.00
86) Perylene-d12	15.28	264	180091	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	708702	85.74	ng		0.00
7) Phenol-d6	6.36	99	865163	85.14	ng		0.00
23) Nitrobenzene-d5	7.27	82	487700	59.77	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	121671	80.15	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	890135	78.31	ng		0.00
78) Terphenyl-d14	12.82	244	506688	46.85	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.36	94	31661	2.735	ng		98
49) Dimethylphthalate	9.47	163	263405	18.156	ng		99
70) Phenanthrene	11.25	178	36501	2.299	ng		96
74) Fluoranthene	12.44	202	87500	5.621	ng		98
77) Pyrene	12.66	202	75302	4.059	ng		97
80) Benzo(a)anthracene	13.85	228	37539	2.805	ng		94
82) Chrysene	13.89	228	41189	2.939	ng		97
87) Benzo(b)fluoranthene	14.87	252	49780m	4.411	ng		
89) Benzo(a)pyrene	15.22	252	30066	2.984	ng	#	89
91) Benzo(g,h,i)perylene	17.06	276	17598	2.143	ng	#	91

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096532.D
Acq On : 6 Jul 2017 14:47
Operator : SJ/MA
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 06 19:10:13 2017
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Instrument :
BNA_F
ClientSampleId :
CL-02-070317-E

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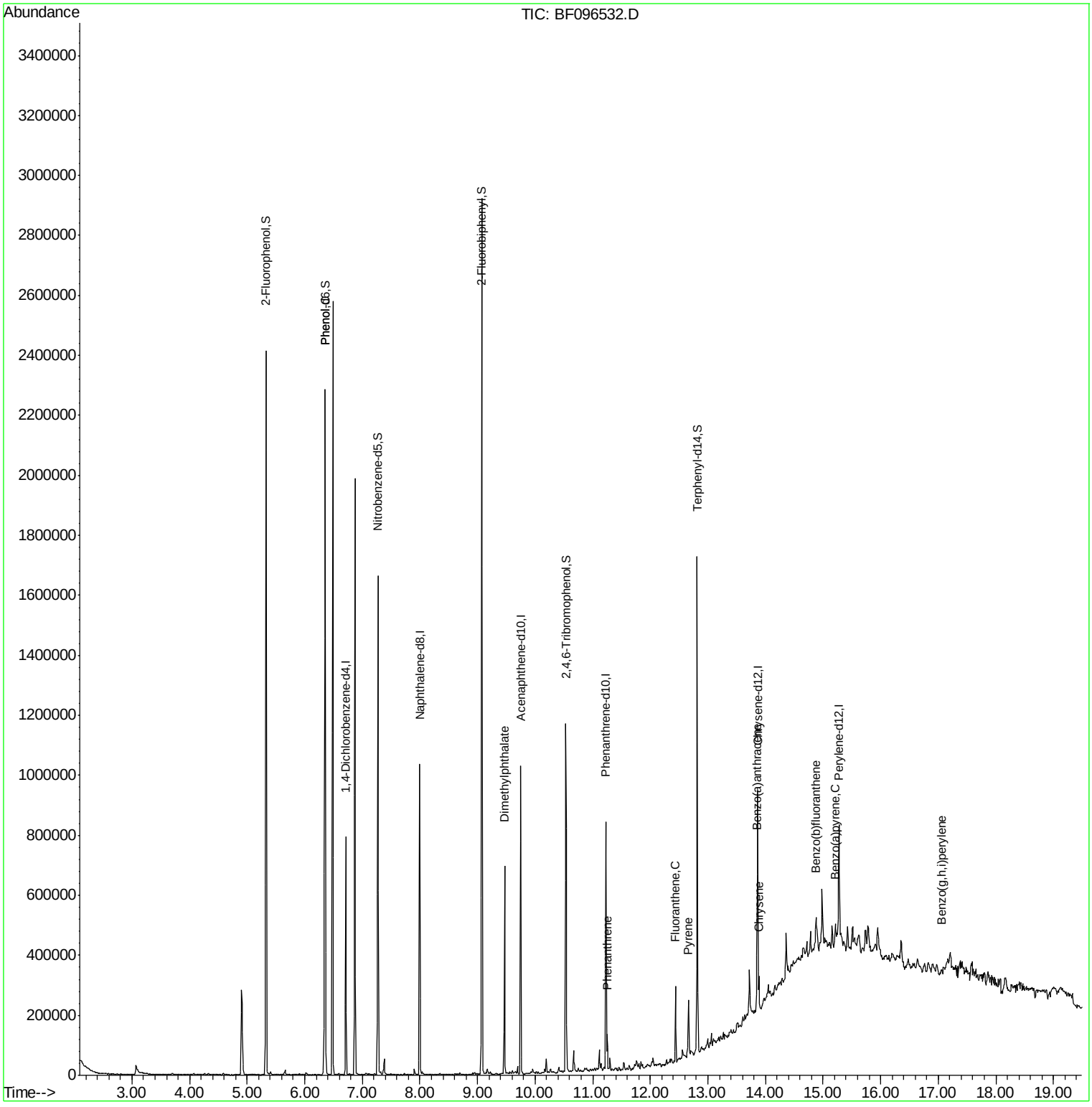
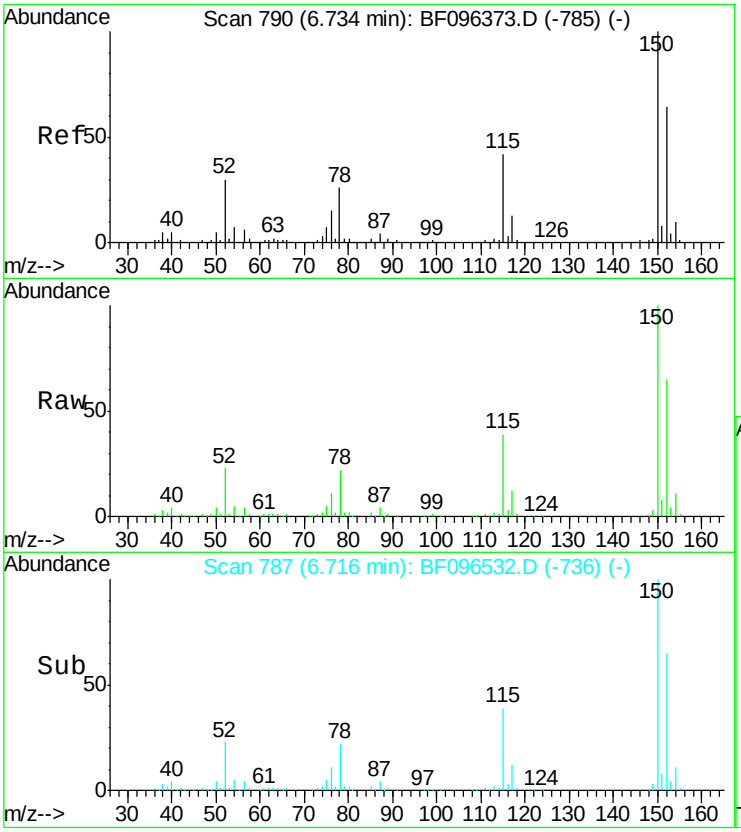
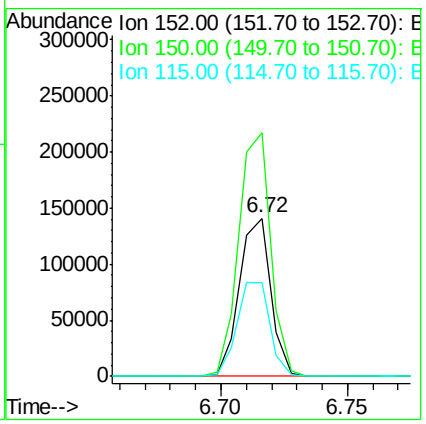




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096532.D
Acq: 6 Jul 2017 14:47

Tgt Ion:152 Resp: 122004

Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.2	189.2
115	59.8	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
CL-02-070317-E

Manual Integrations APPROVED
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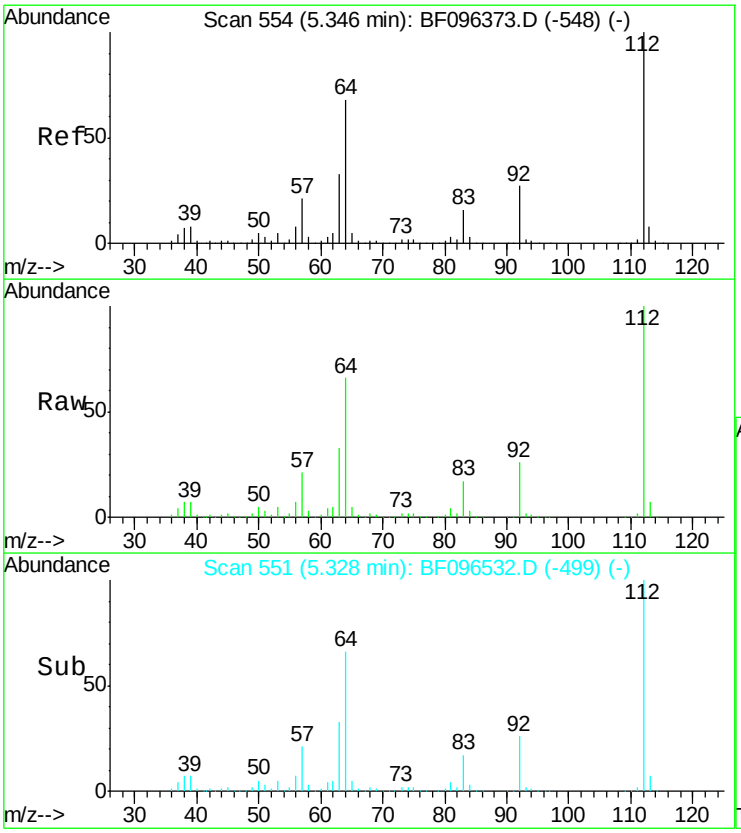
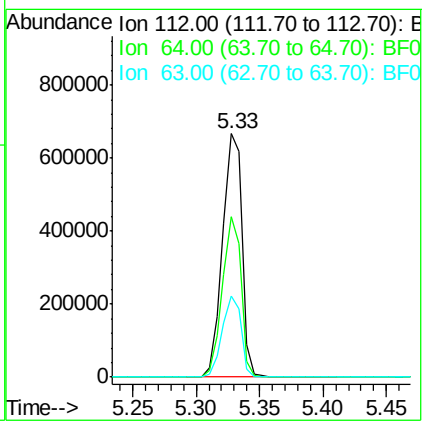
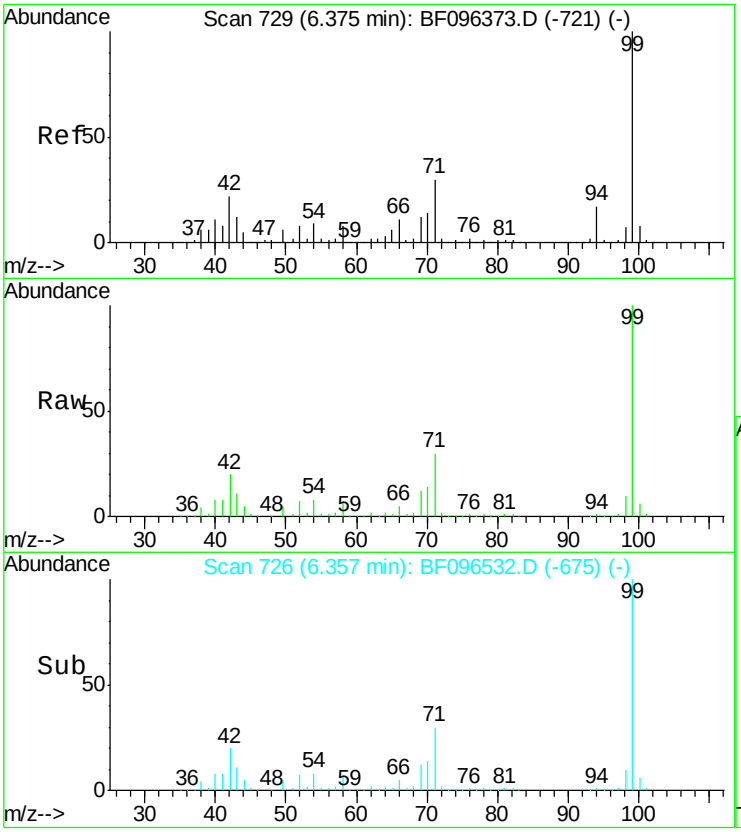


#5
2-Fluorophenol
Concen: 85.737 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF096532.D
Acq: 6 Jul 2017 14:47

Tgt Ion:112 Resp: 708702

Ion	Ratio	Lower	Upper
112	100		
64	65.7	46.0	69.0
63	33.1	23.4	35.0





#7
Phenol-d6
Concen: 85.137 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF096532.D
Acq: 6 Jul 2017 14:47

Tgt Ion: 99 Resp: 865163

Ion	Ratio	Lower	Upper
99	100		
42	20.4	13.5	20.3#
71	30.1	24.5	36.7

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-E

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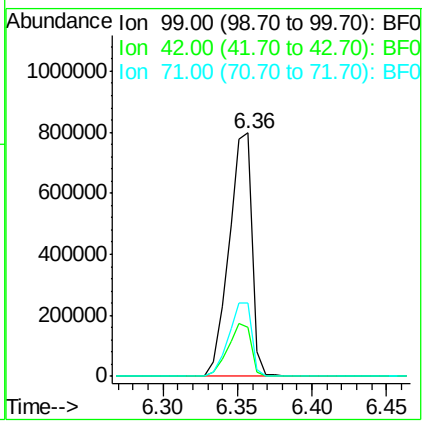
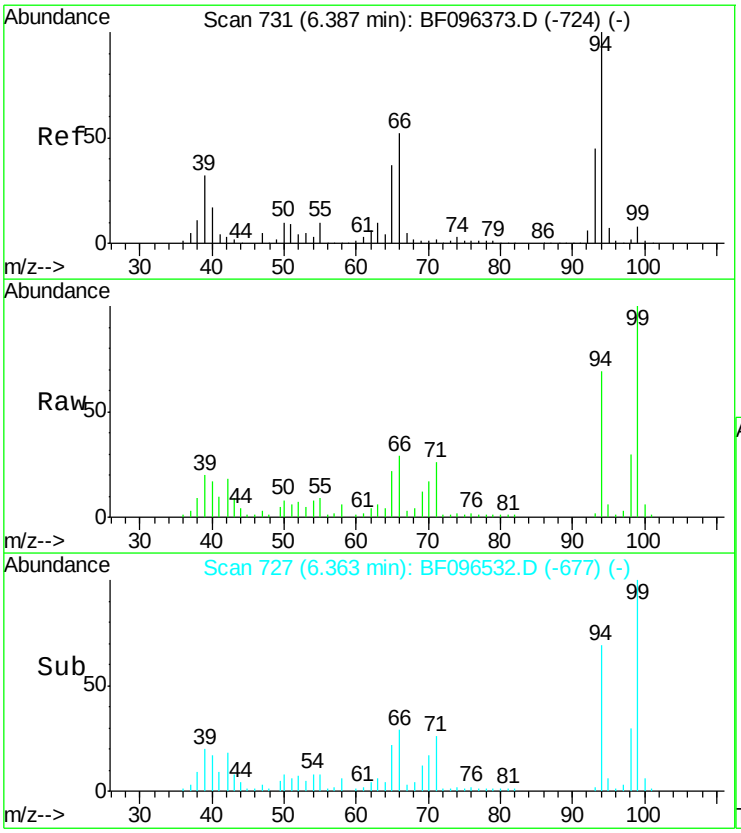
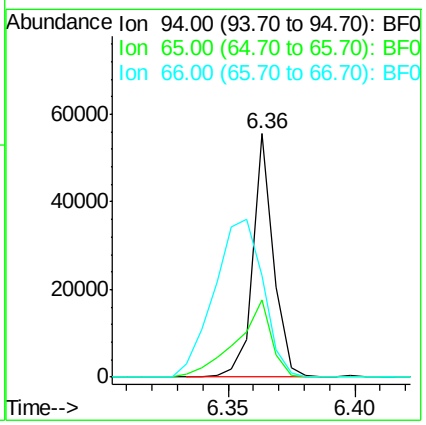


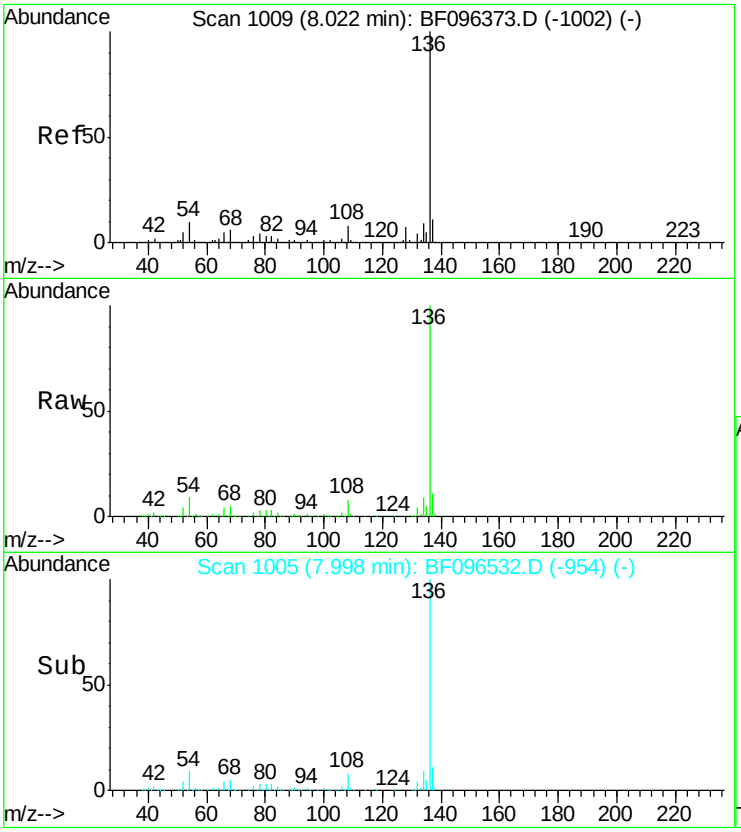


#10
Phenol
Concen: 2.735 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF096532.D
Acq: 6 Jul 2017 14:47

Tgt Ion: 94 Resp: 31661

Ion	Ratio	Lower	Upper
94	100		
65	31.7	9.9	49.9
66	41.9	23.1	63.1

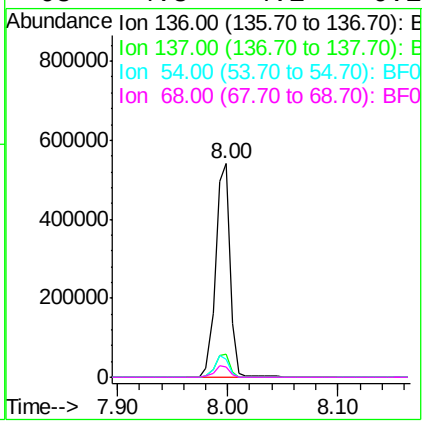




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF096532.D
Acq: 6 Jul 2017 14:47

Tgt Ion:136 Resp: 490318

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	8.7	4.9	7.3#
68	4.8	4.1	6.1



Instrument :
BNA_F
ClientSampleId :
CL-02-070317-E

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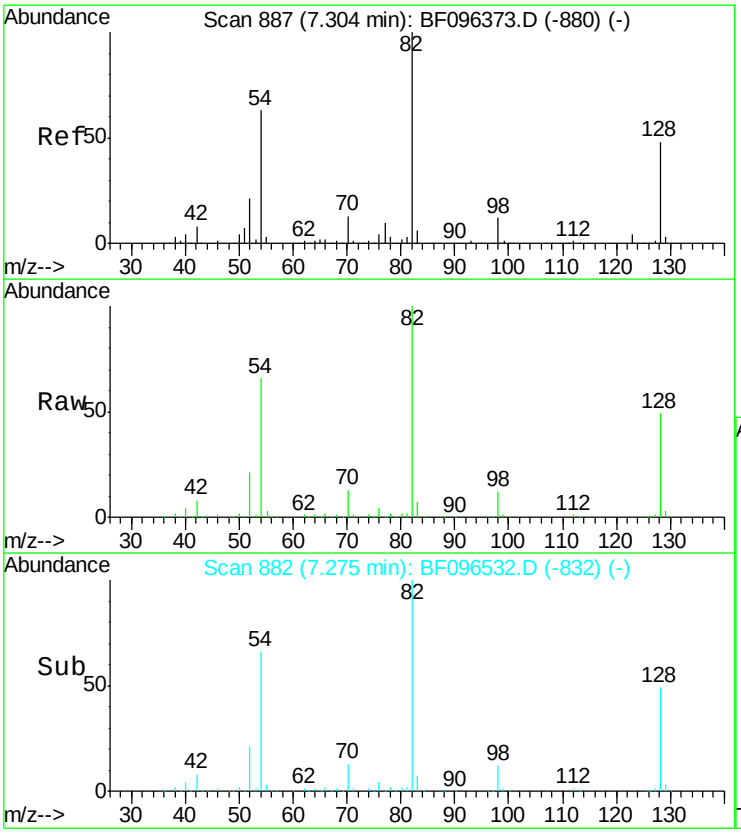
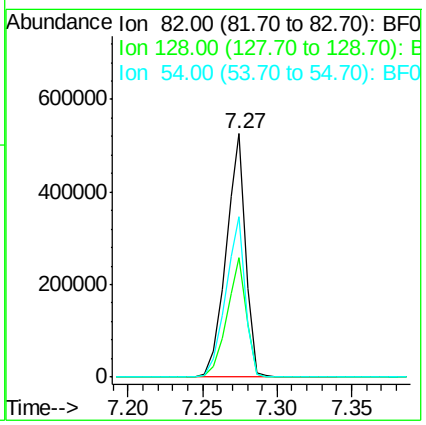
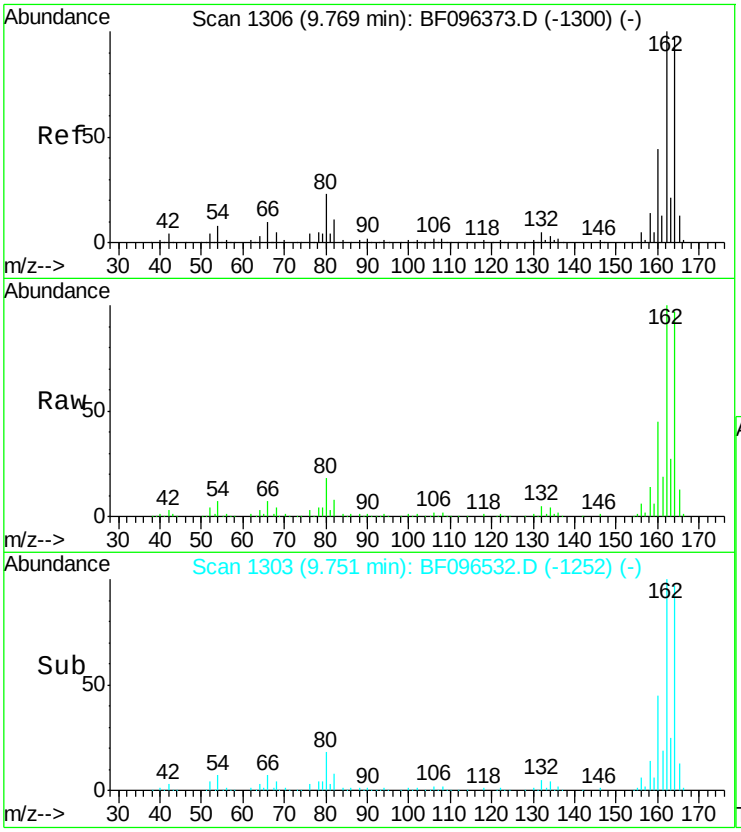


#23
Nitrobenzene-d5
Concen: 59.770 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF096532.D
Acq: 6 Jul 2017 14:47

Tgt Ion: 82 Resp: 487700

Ion	Ratio	Lower	Upper
82	100		
128	49.1	34.0	51.0
54	65.8	42.2	63.2#

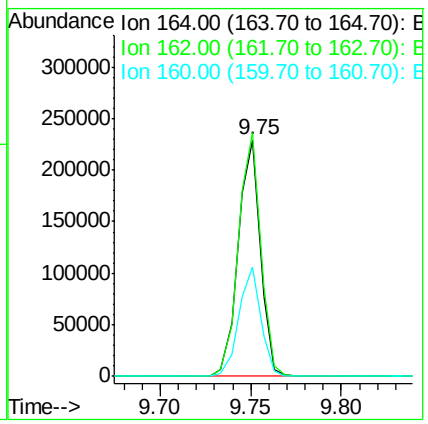




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF096532.D
Acq: 6 Jul 2017 14:47

Tgt Ion:164 Resp: 194346

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	46.1	36.2	54.2



Instrument :
BNA_F
ClientSampleId :
CL-02-070317-E

Manual Integrations APPROVED
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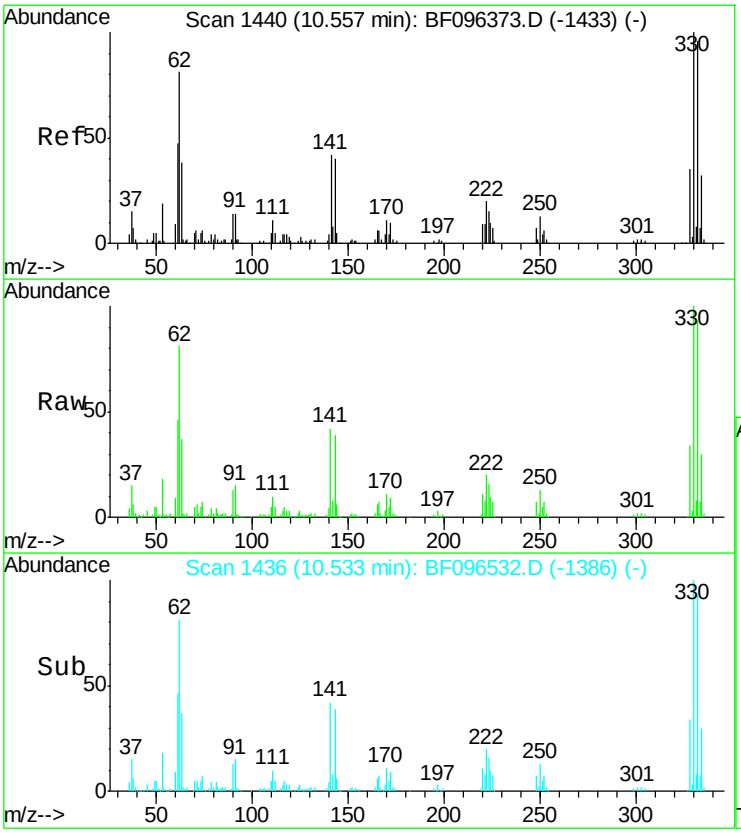
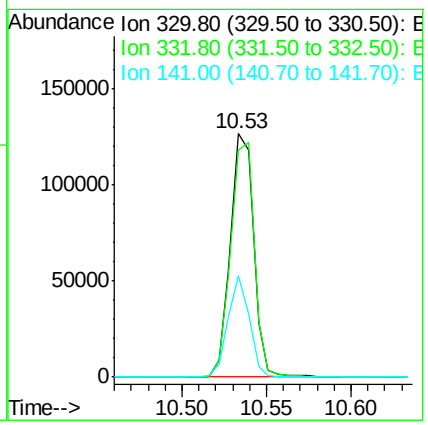
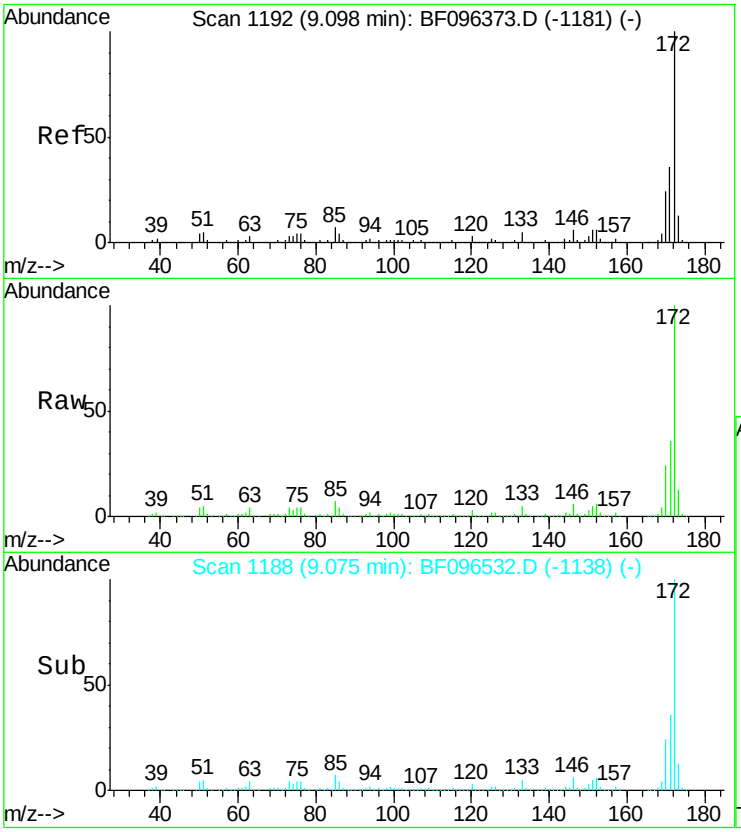


#41
2,4,6-Tribromophenol
Concen: 80.148 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF096532.D
Acq: 6 Jul 2017 14:47

Tgt Ion:330 Resp: 121671

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	115.0
141	38.0	31.4	47.2

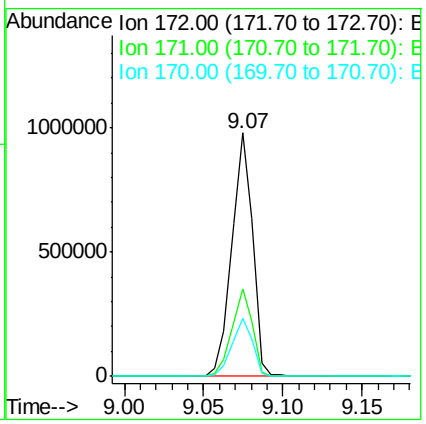




#44
2-Fluorobiphenyl
Concen: 78.310 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096532.D
Acq: 6 Jul 2017 14:47

Tgt Ion:172 Resp: 890135

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.1	19.8	29.8



Instrument :
BNA_F
ClientSampleId :
CL-02-070317-E

Manual Integrations APPROVED
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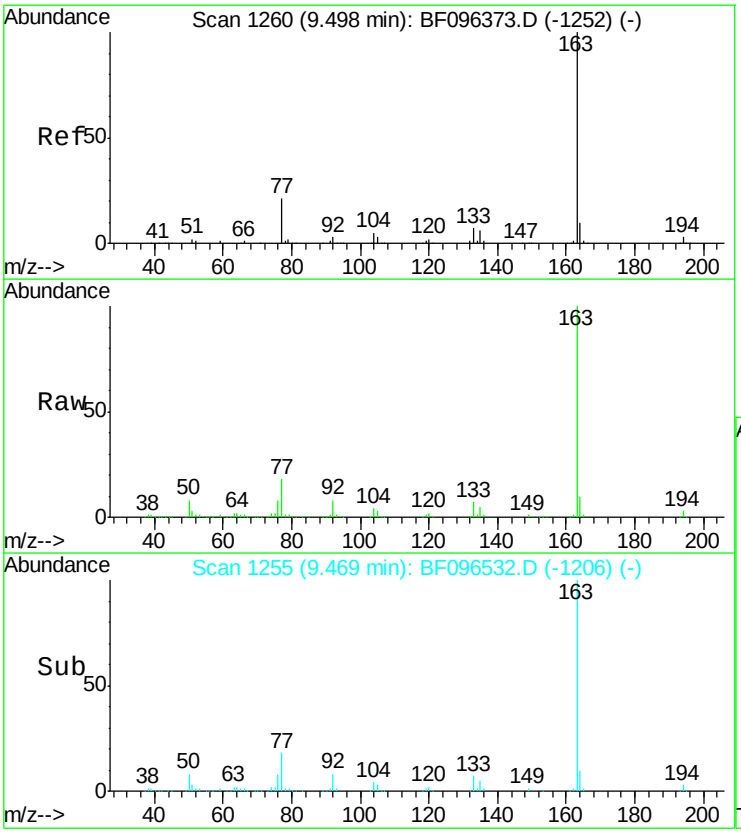
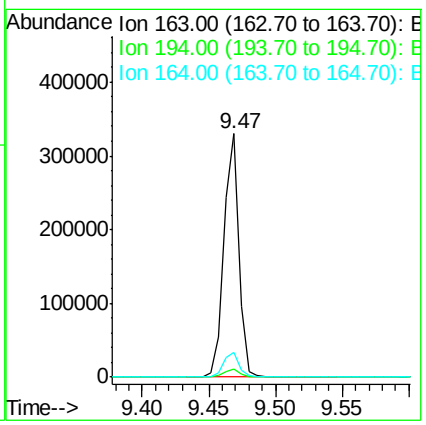
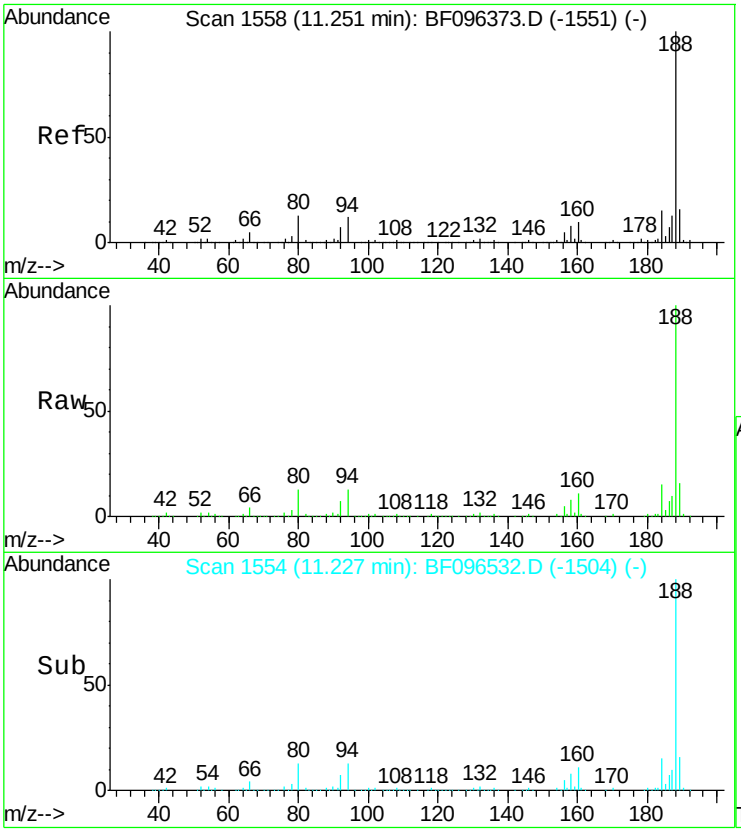


#49
Dimethylphthalate
Concen: 18.156 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF096532.D
Acq: 6 Jul 2017 14:47

Tgt Ion:163 Resp: 263405

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.1	8.4	12.6

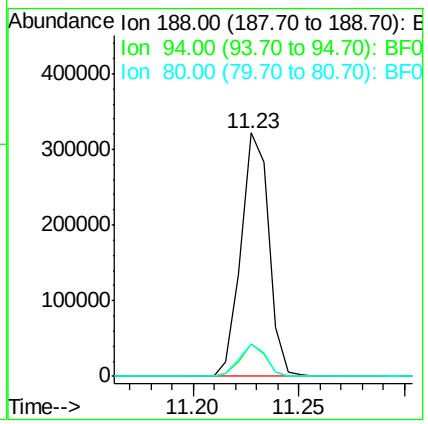




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096532.D
Acq: 6 Jul 2017 14:47

Tgt Ion:188 Resp: 293688

Ion	Ratio	Lower	Upper
188	100		
94	13.1	9.4	14.2
80	13.1	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
CL-02-070317-E

Manual Integrations APPROVED
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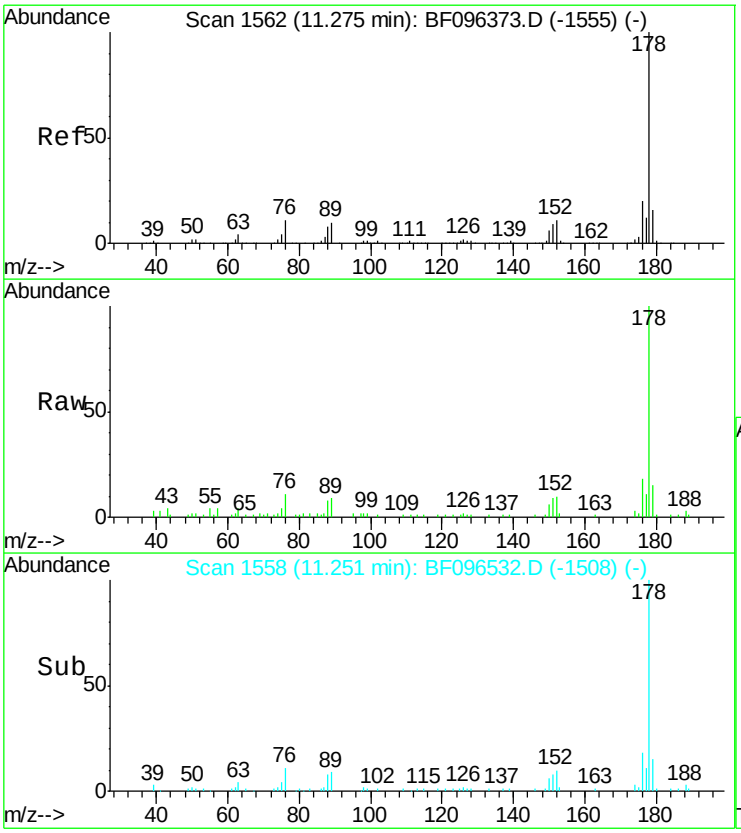
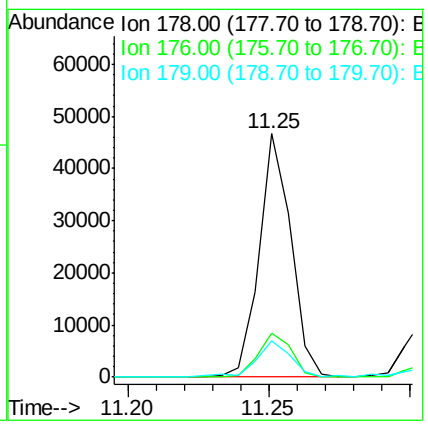
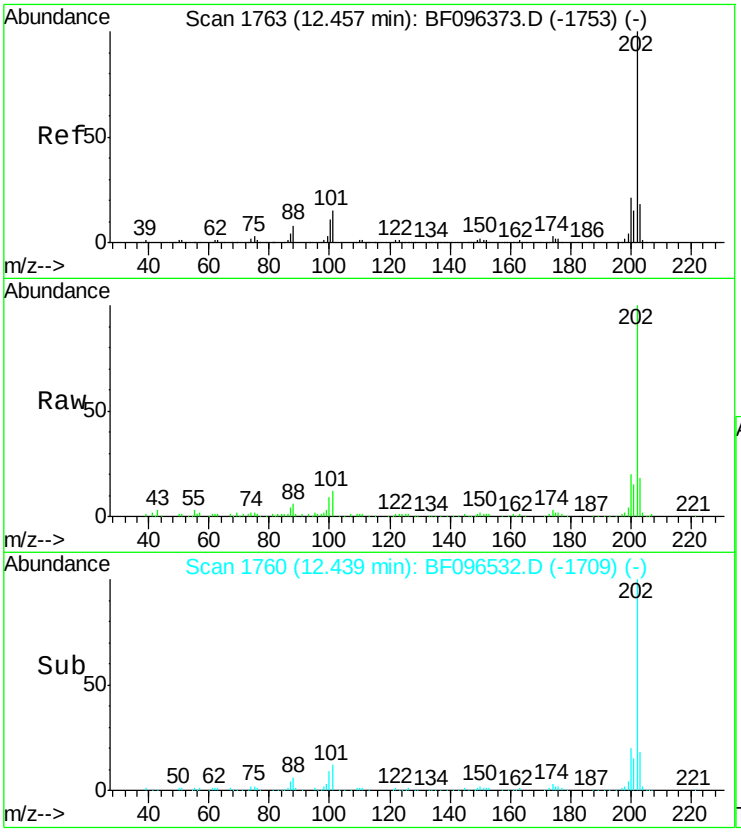


#70
Phenanthrene
Concen: 2.299 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF096532.D
Acq: 6 Jul 2017 14:47

Tgt Ion:178 Resp: 36501

Ion	Ratio	Lower	Upper
178	100		
176	17.9	16.2	24.4
179	14.8	12.6	19.0

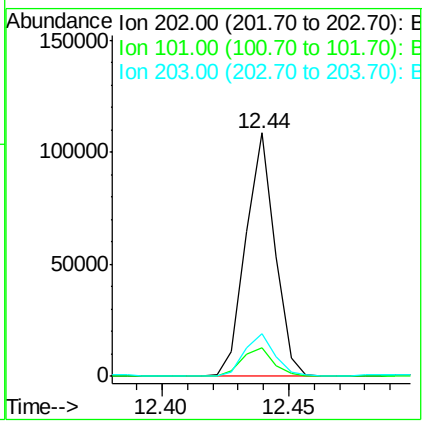




#74
Fluoranthene
Concen: 5.621 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BF096532.D
Acq: 6 Jul 2017 14:47

Tgt Ion:202 Resp: 87500

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	33.2
203	17.6	0.0	38.1



Instrument :
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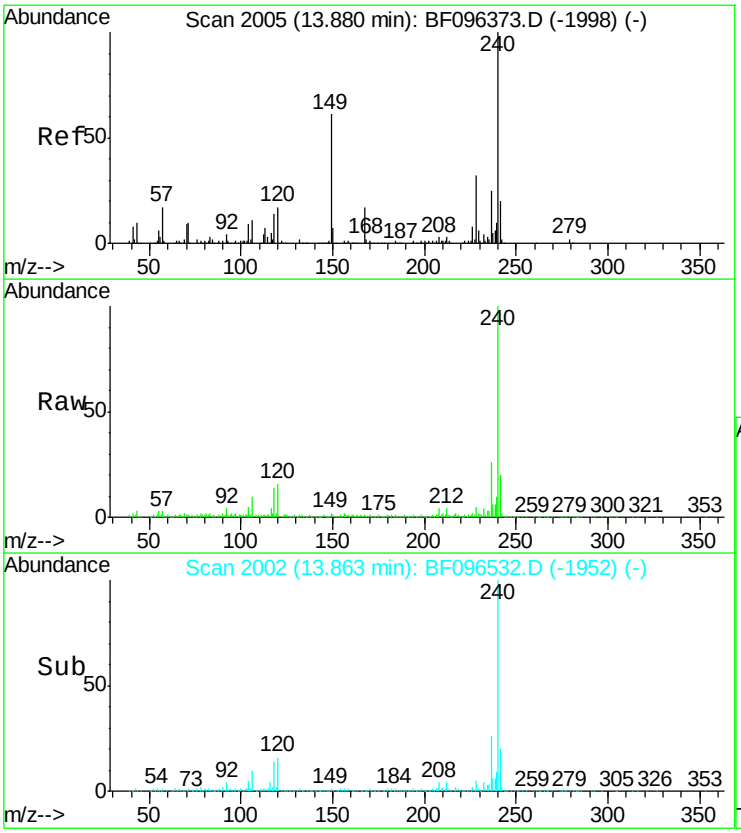
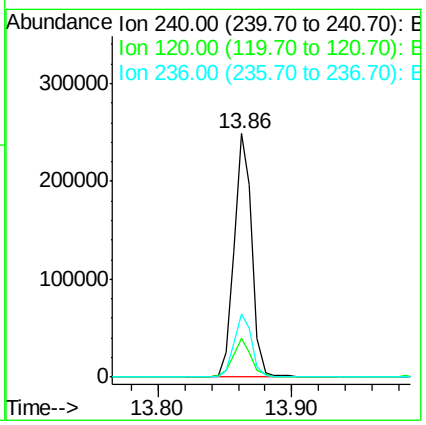
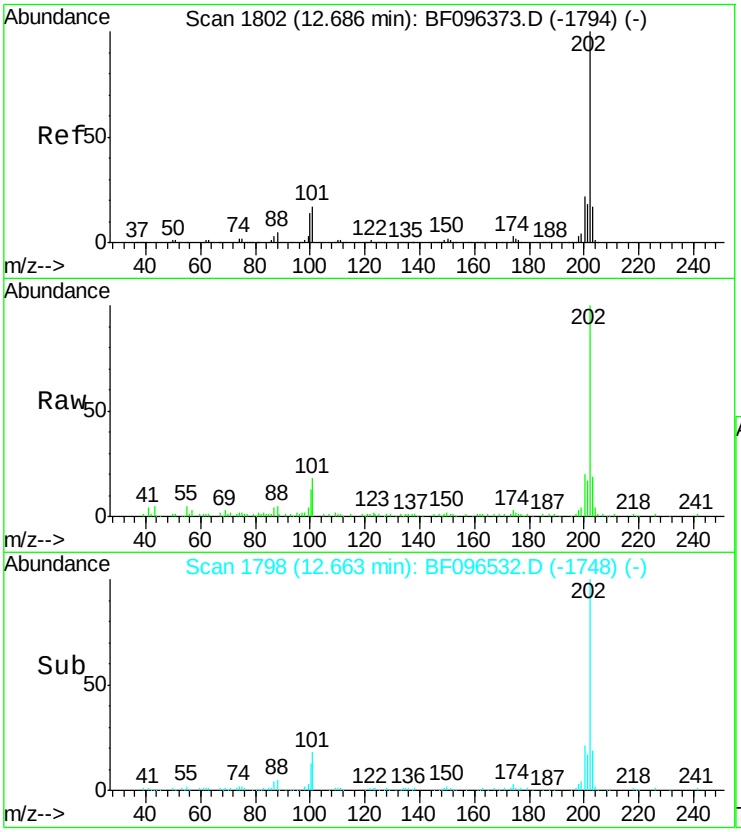


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096532.D
Acq: 6 Jul 2017 14:47

Tgt Ion:240 Resp: 231106

Ion	Ratio	Lower	Upper
240	100		
120	16.1	5.8	8.8#
236	26.0	20.5	30.7

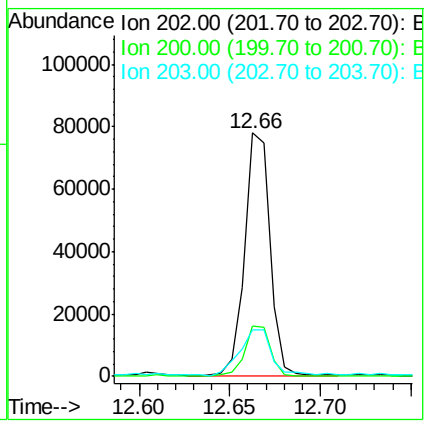




#77
Pyrene
Concen: 4.059 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BF096532.D
Acq: 6 Jul 2017 14:47

Tgt Ion:202 Resp: 75302

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.6	26.4
203	19.1	14.4	21.6



Instrument :
BNA_F
ClientSampleId :
CL-02-070317-E

Manual Integrations APPROVED
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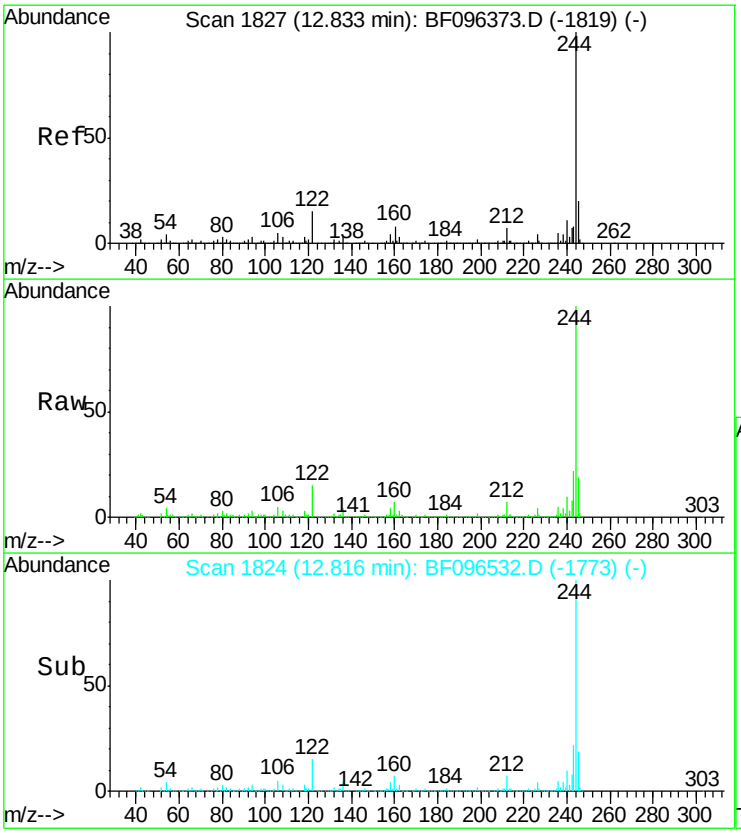
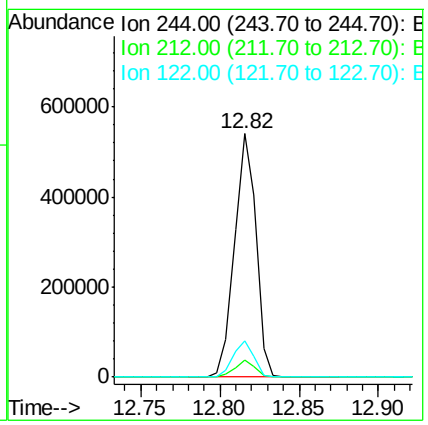
7/7/2017 1:30:05 PM

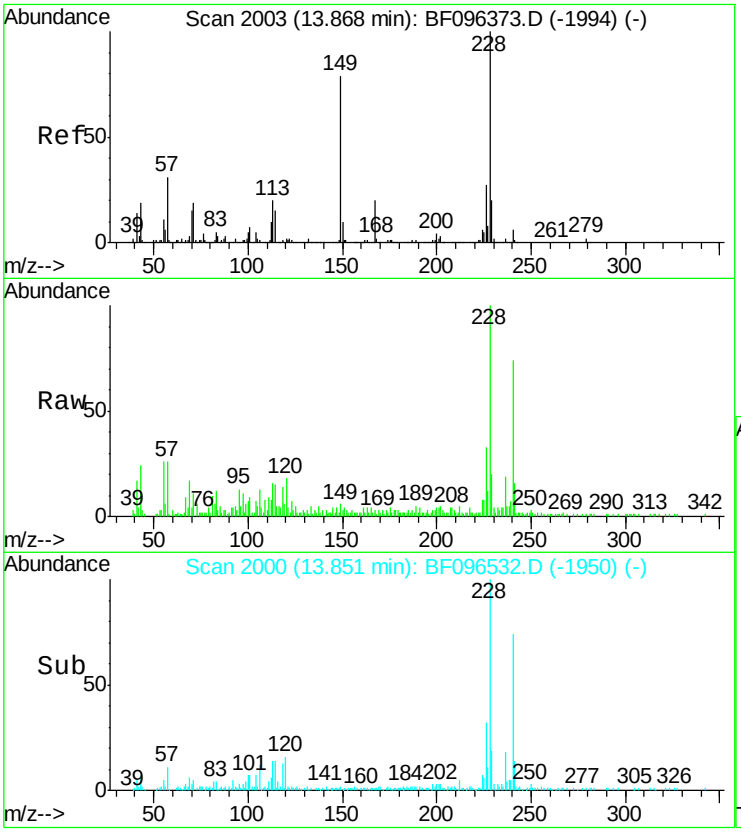


#78
Terphenyl-d14
Concen: 46.849 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF096532.D
Acq: 6 Jul 2017 14:47

Tgt Ion:244 Resp: 506688

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.9	10.3	15.5

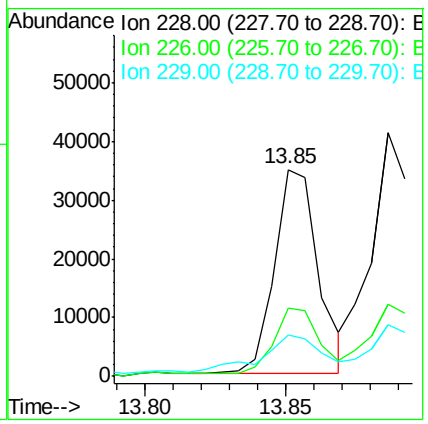




#80
Benzo(a)anthracene
Concen: 2.805 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF096532.D
Acq: 6 Jul 2017 14:47

Tgt Ion:228 Resp: 37539

Ion	Ratio	Lower	Upper
228	100		
226	33.2	22.6	33.8
229	20.3	16.3	24.5



Instrument :
BNA_F
ClientSampleId :
CL-02-070317-E

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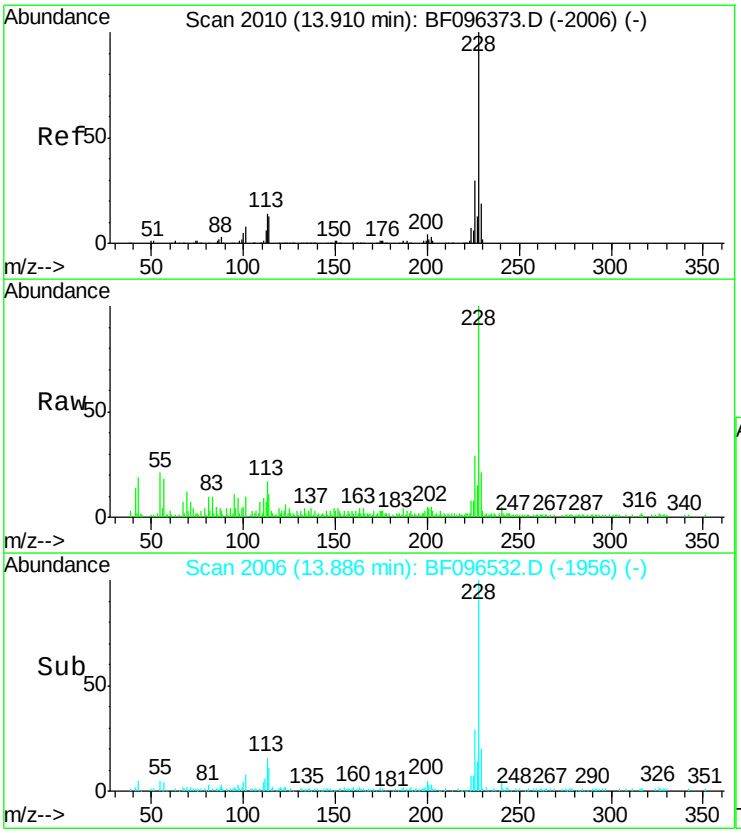
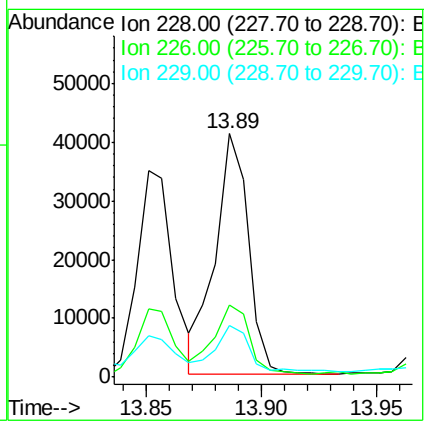
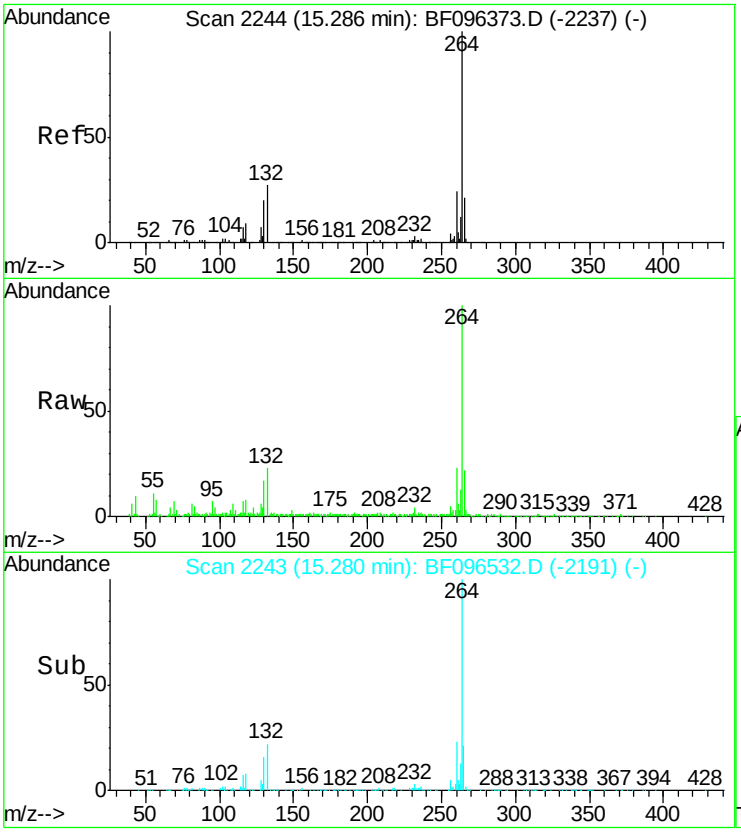


#82
Chrysene
Concen: 2.939 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF096532.D
Acq: 6 Jul 2017 14:47

Tgt Ion:228 Resp: 41189

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.9	37.3
229	21.1	15.8	23.6

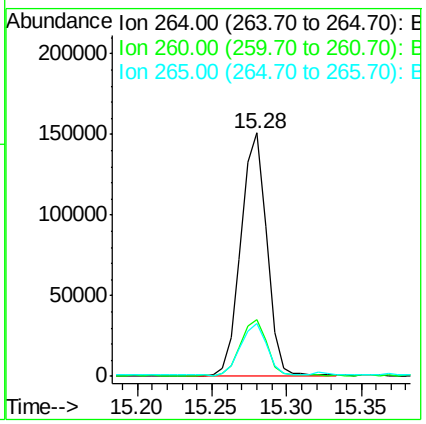




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF096532.D
Acq: 6 Jul 2017 14:47

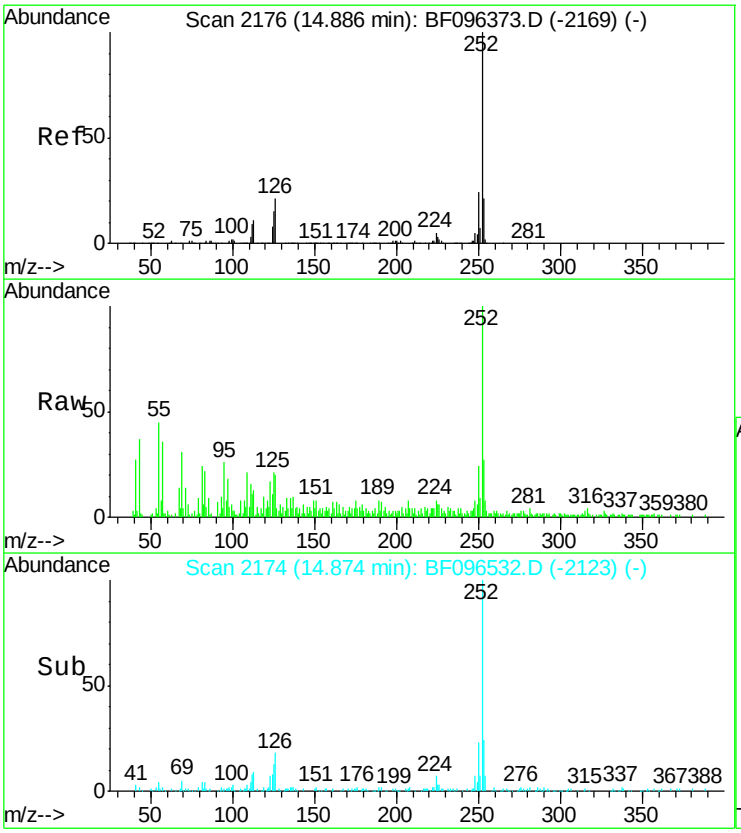
Tgt Ion:264 Resp: 180091

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.7	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
CL-02-070317-E

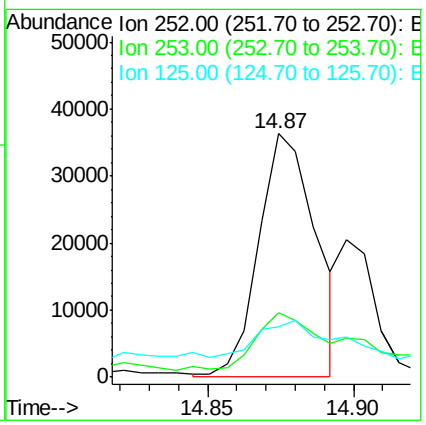
Manual Integrations APPROVED
mohammad
7/7/2017 1:30:05 PM

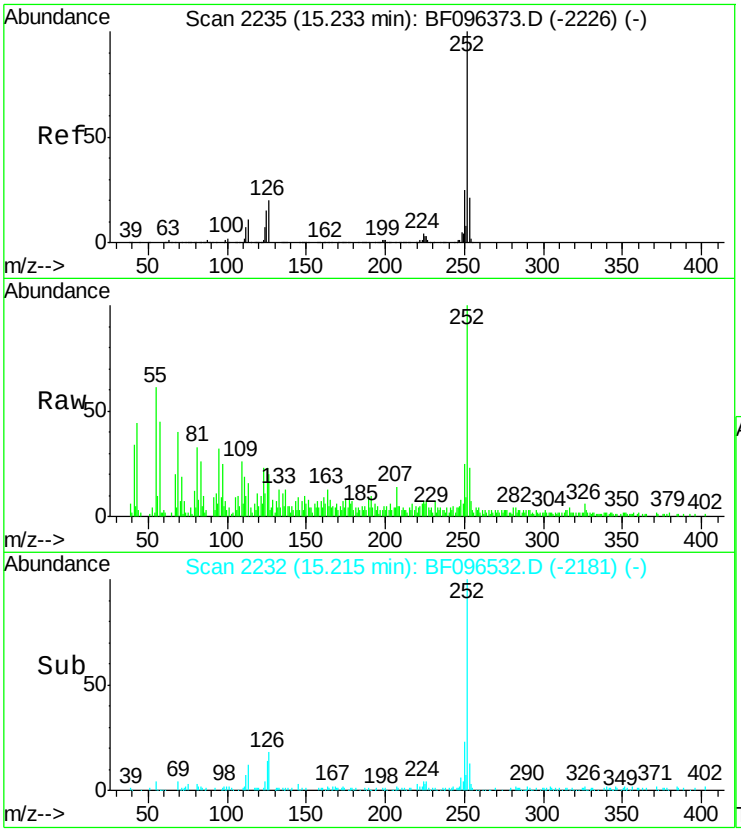


#87
Benzo(b)fluoranthene
Concen: 4.411 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF096532.D
Acq: 6 Jul 2017 14:47

Tgt Ion:252 Resp: 49780

Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.1	27.1
125	20.7	9.8	14.8#





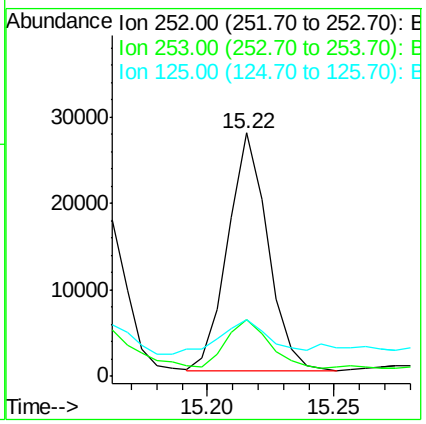
#89
Benzo(a)pyrene
Concen: 2.984 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF096532.D
Acq: 6 Jul 2017 14:47

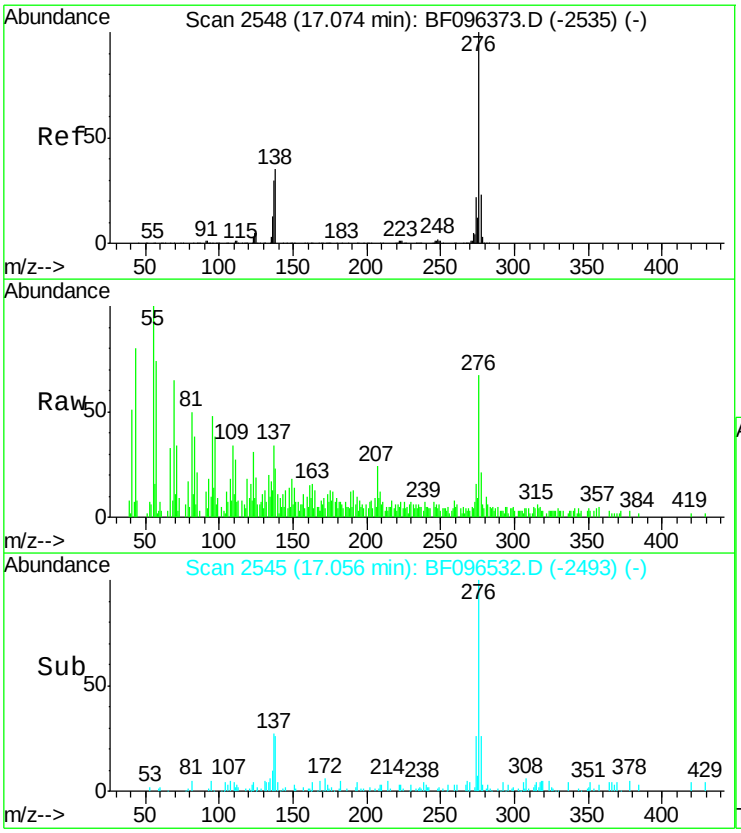
Tgt Ion:252 Resp: 30066

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	23.3	11.0	16.4#

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-E

Manual Integrations APPROVED
mohammad
7/7/2017 1:30:05 PM





#91
Benzo(g,h,i)perylene
Concen: 2.143 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF096532.D
Acq: 6 Jul 2017 14:47

Tgt Ion:276 Resp: 17598

Ion	Ratio	Lower	Upper
276	100		
277	30.9	18.6	28.0#
138	33.8	25.4	38.0