Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096461.D
Acq On : 4 Jul 2017 1:52
Operator : SJ/MA
Sample : I3998-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-Q5-BASE

Manual Integrations APPROVED
mohammad
7/5/2017 11:42:00 AM

Quant Time: Jul 04 04:00:42 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	111464	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	378625	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	147092	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	210845	20.00	ng		0.00
75) Chrysene-d12	13.87	240	181259	20.00	ng		0.00
86) Perylene-d12	15.29	264	135002	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	675434	89.44	ng		0.00
7) Phenol-d6	6.37	99	827113	89.09	ng		0.00
23) Nitrobenzene-d5	7.29	82	433369	68.78	ng		-0.02
41) 2,4,6-Tribromophenol	10.55	330	107428	93.50	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	594695	69.13	ng		-0.01
78) Terphenyl-d14	12.83	244	428481	50.51	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.37	94	41580	3.931	ng		99
49) Dimethylphthalate	9.48	163	195753	17.827	ng	#	98
70) Phenanthrene	11.27	178	60714	5.327	ng	#	95
74) Fluoranthene	12.45	202	79158	7.084	ng		97
77) Pyrene	12.68	202	71380	4.906	ng		99
80) Benzo(a)anthracene	13.86	228	36306	3.459	ng		96
82) Chrysene	13.90	228	30996	2.820	ng		96
83) Bis(2-ethylhexyl)phthalate	13.87	149	24380	2.966	ng	#	96
85) Indeno(1,2,3-cd)pyrene	16.64	276	18972	2.187	ng		99
87) Benzo(b)fluoranthene	14.89	252	28655m	3.387	ng		
89) Benzo(a)pyrene	15.22	252	28238	3.739	ng	#	80
91) Benzo(g,h,i)perylene	17.06	276	16456	2.673	ng		95

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

Quantitation Report (QT Reviewed)

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Data File : BF096461.D
Acq On : 4 Jul 2017 1:52
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Misc :
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Quant Time: Jul 04 04:00:42 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
E2-Q5-BASE

Manual Integrations APPROVED
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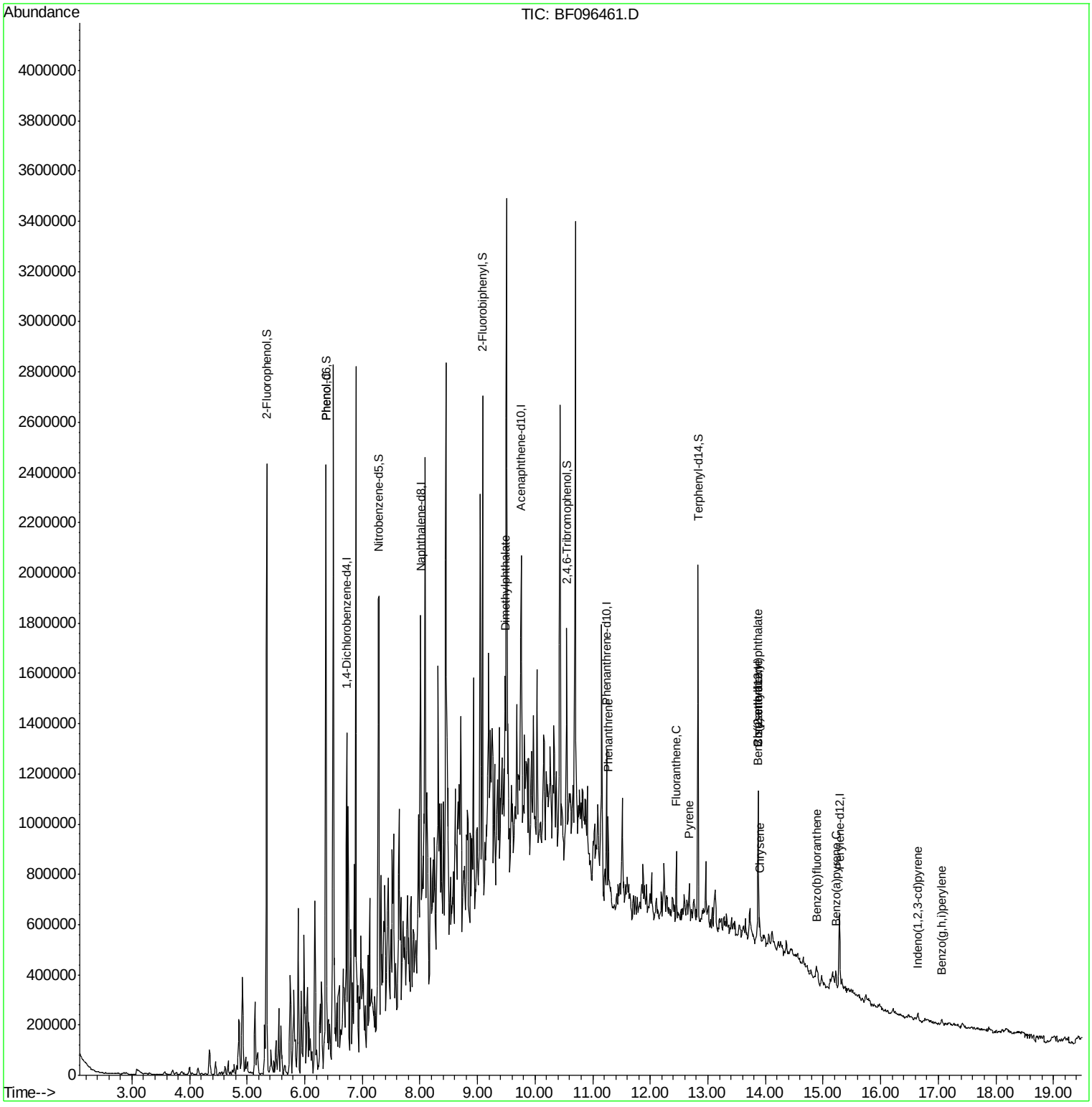
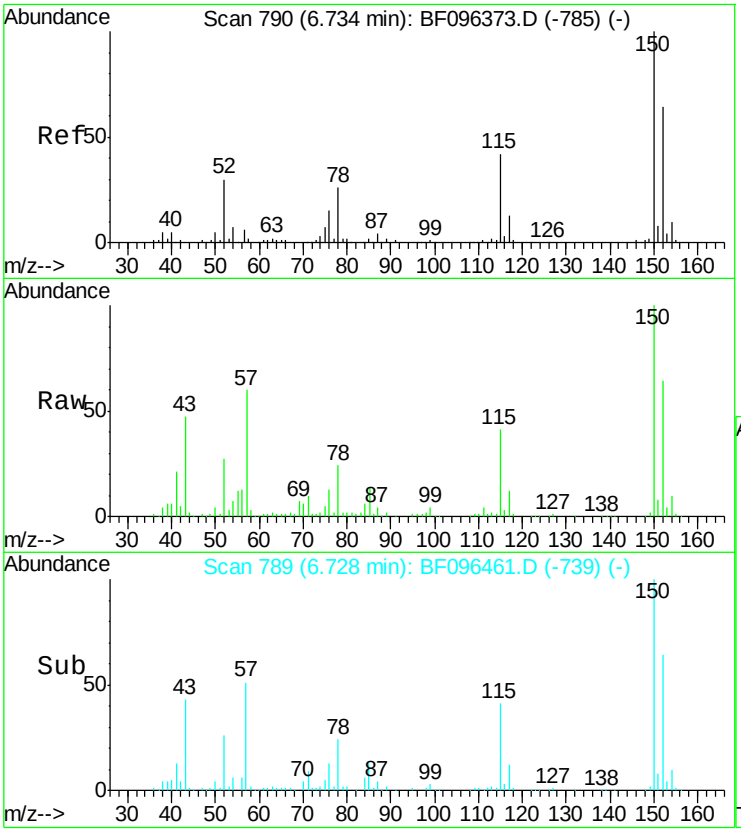
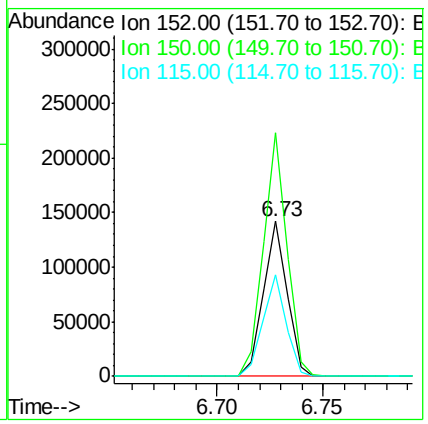




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096461.D
Acq: 4 Jul 2017 1:52

Tgt Ion:152 Resp: 111464

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	65.3	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
E2-Q5-BASE

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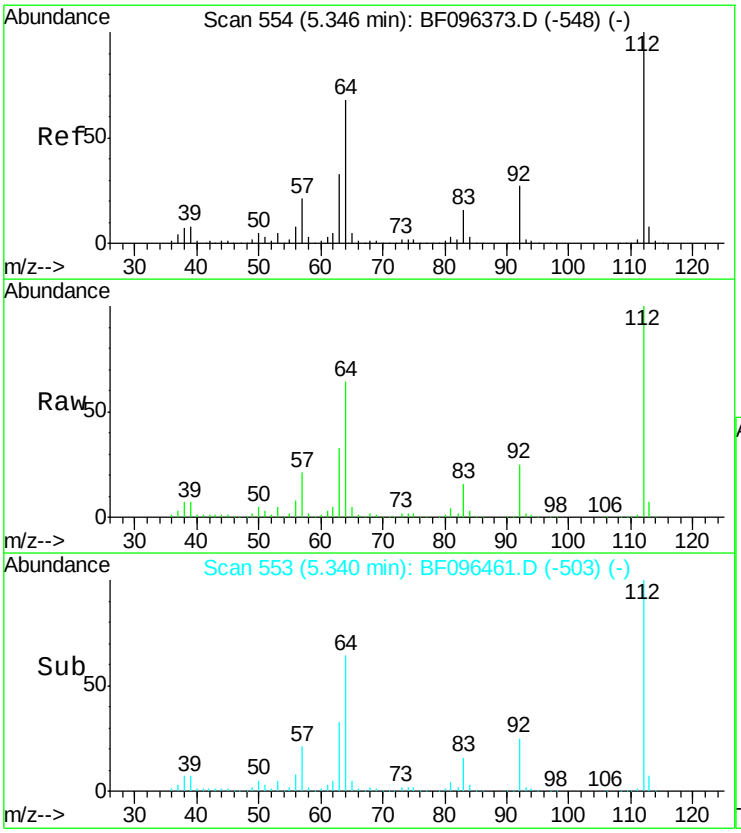
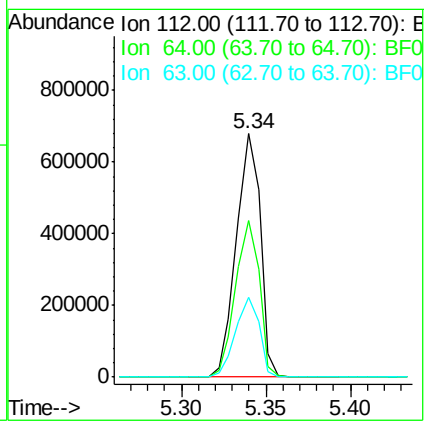
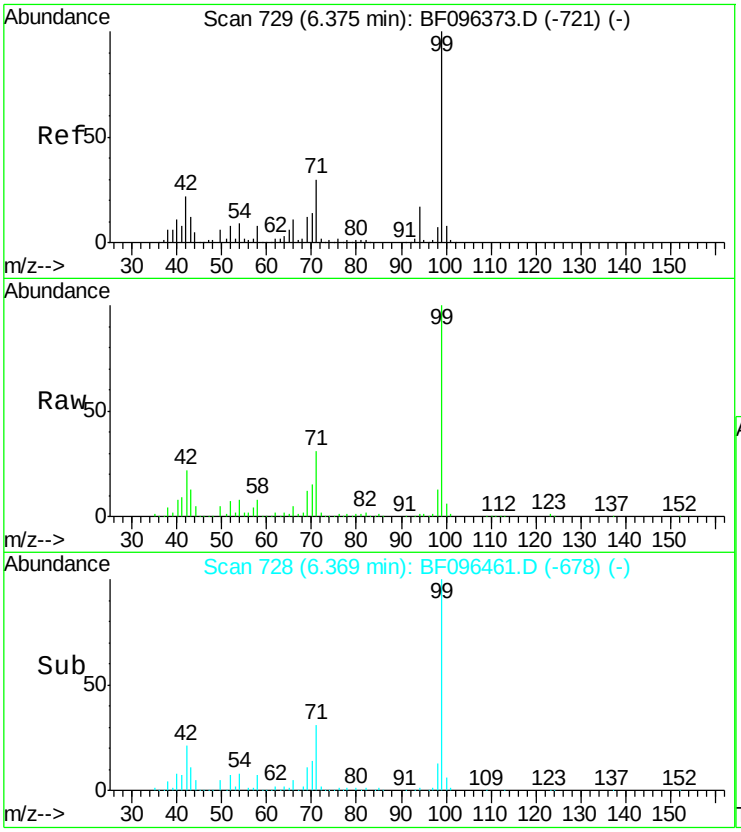


#5
2-Fluorophenol
Concen: 89.439 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF096461.D
Acq: 4 Jul 2017 1:52

Tgt Ion:112 Resp: 675434

Ion	Ratio	Lower	Upper
112	100		
64	64.2	46.0	69.0
63	32.6	23.4	35.0

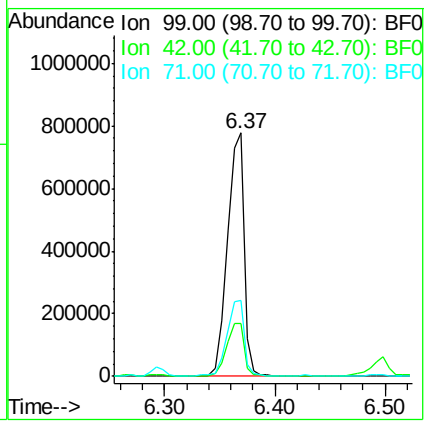




#7
Phenol-d6
Concen: 89.089 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF096461.D
Acq: 4 Jul 2017 1:52

Tgt Ion: 99 Resp: 827113

Ion	Ratio	Lower	Upper
99	100		
42	21.7	13.5	20.3#
71	31.2	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
E2-Q5-BASE

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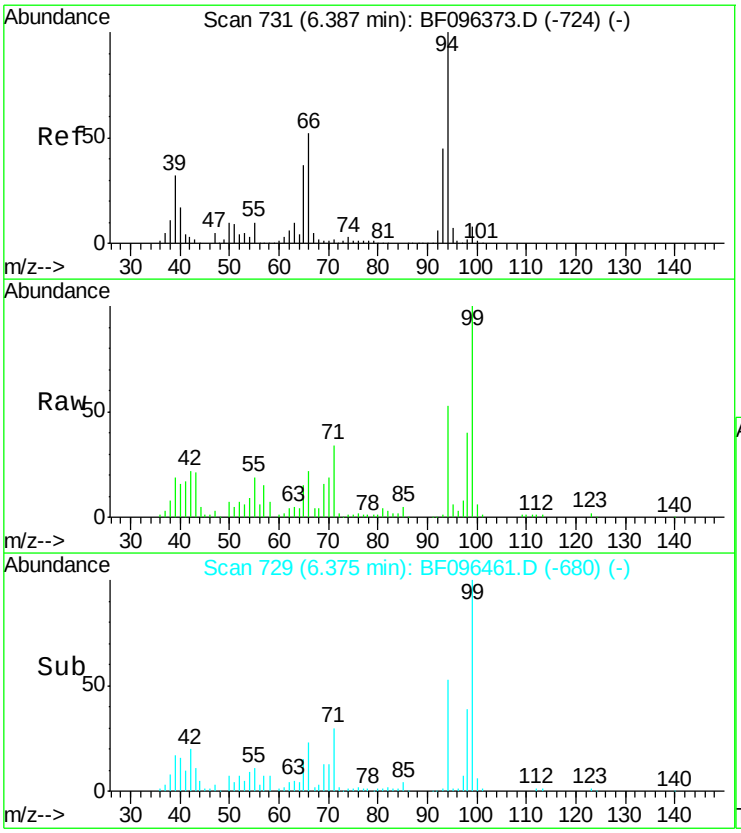
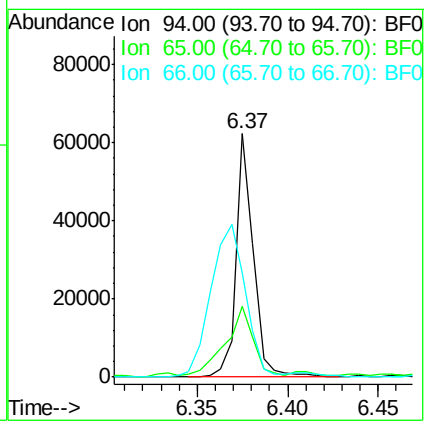
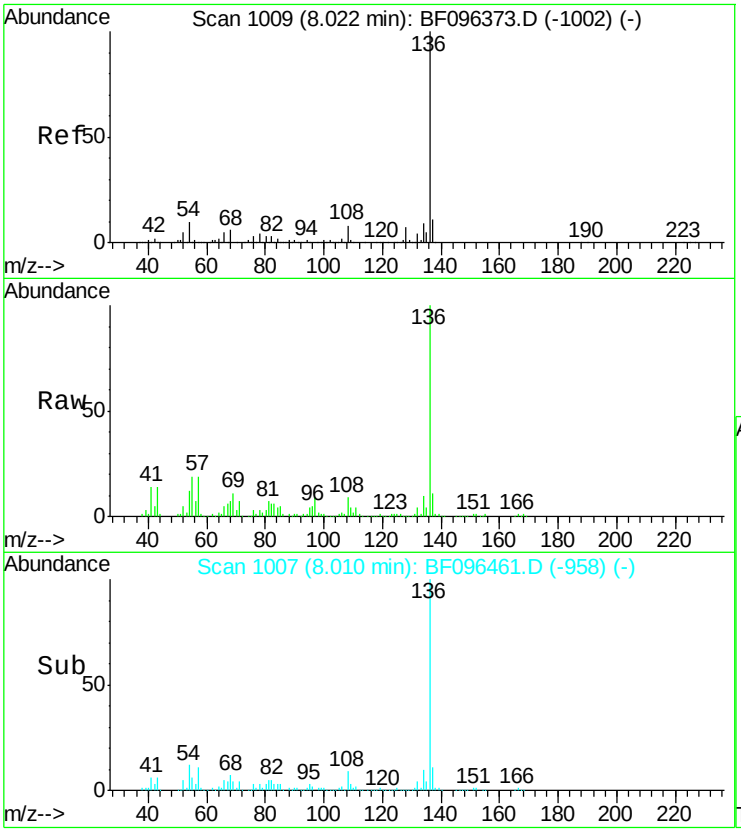


#10
Phenol
Concen: 3.931 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF096461.D
Acq: 4 Jul 2017 1:52

Tgt Ion: 94 Resp: 41580

Ion	Ratio	Lower	Upper
94	100		
65	29.2	9.9	49.9
66	42.6	23.1	63.1

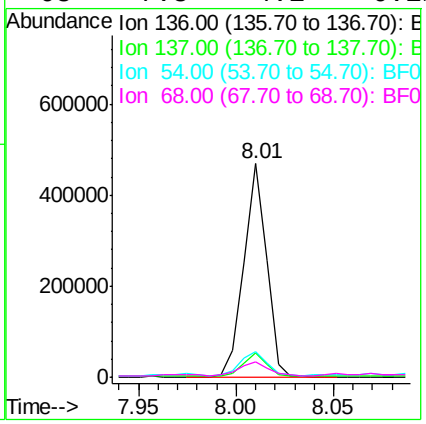




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF096461.D
Acq: 4 Jul 2017 1:52

Tgt Ion:136 Resp: 378625

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	12.3	4.9	7.3#
68	7.3	4.1	6.1#



Instrument :
BNA_F
ClientSampleId :
E2-Q5-BASE

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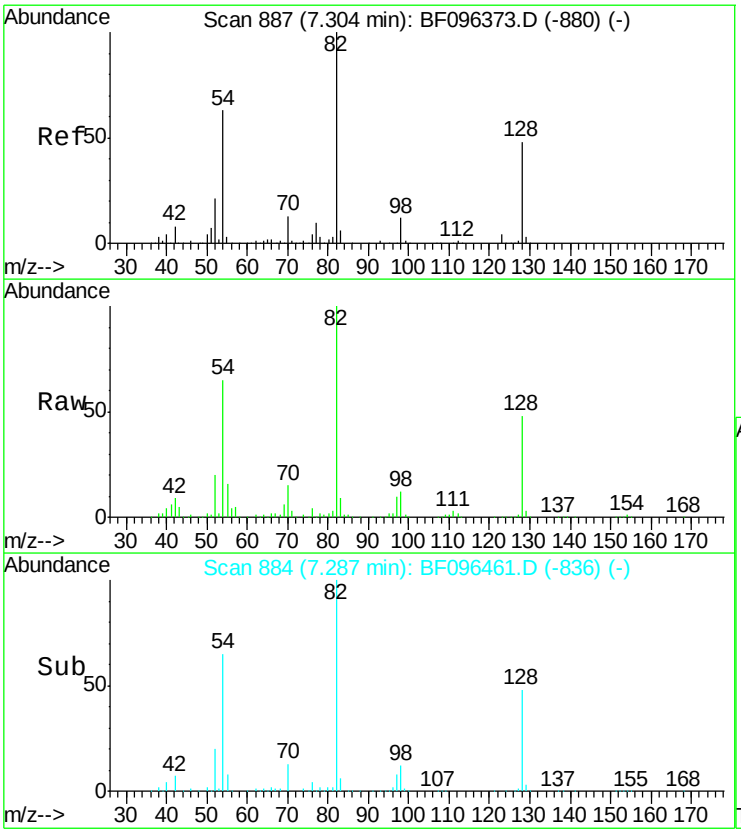
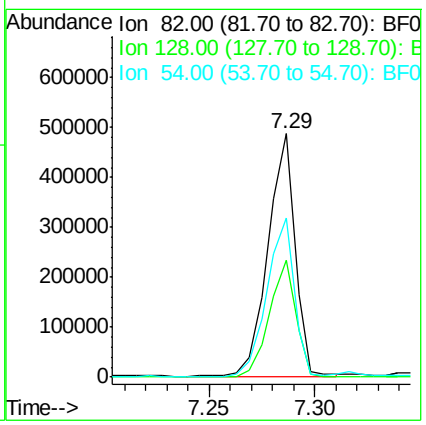
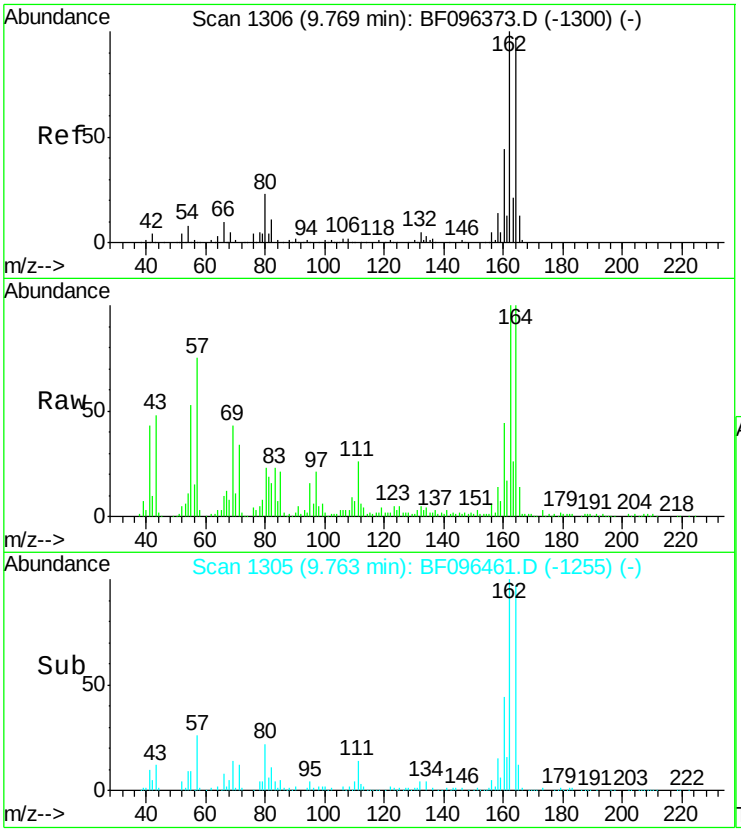


#23
Nitrobenzene-d5
Concen: 68.779 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF096461.D
Acq: 4 Jul 2017 1:52

Tgt Ion: 82 Resp: 433369

Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.0	51.0
54	65.4	42.2	63.2#

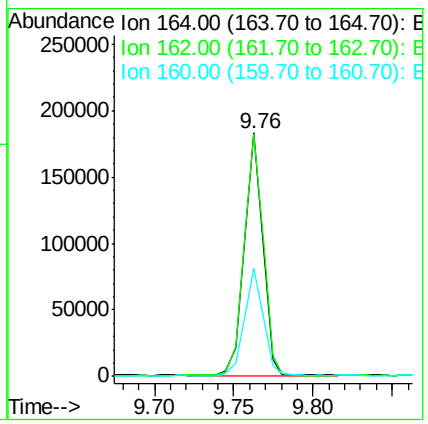




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF096461.D
Acq: 4 Jul 2017 1:52

Tgt Ion:164 Resp: 147092

Ion	Ratio	Lower	Upper
164	100		
162	99.5	82.6	123.8
160	44.1	36.2	54.2



Instrument :
BNA_F
ClientSampleId :
E2-Q5-BASE

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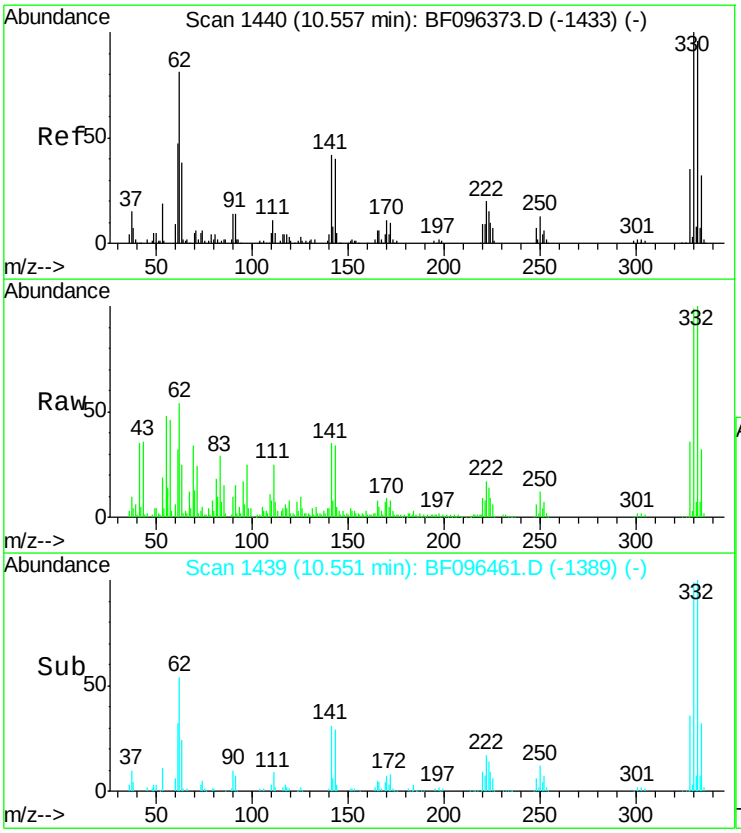
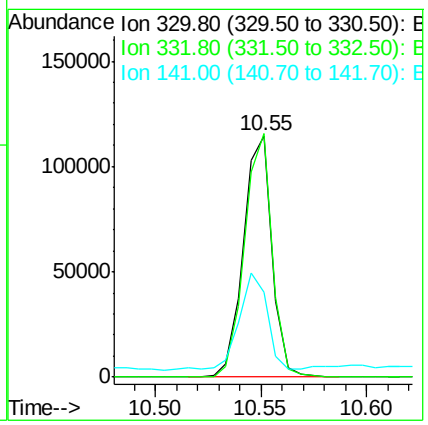
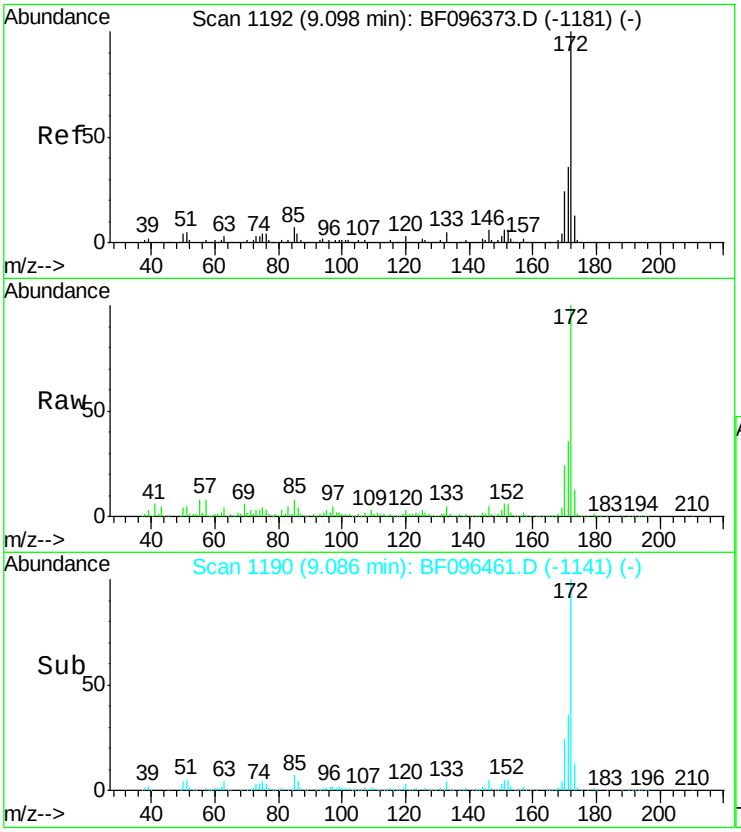


#41
2,4,6-Tribromophenol
Concen: 93.499 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF096461.D
Acq: 4 Jul 2017 1:52

Tgt Ion:330 Resp: 107428

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	39.5	31.4	47.2

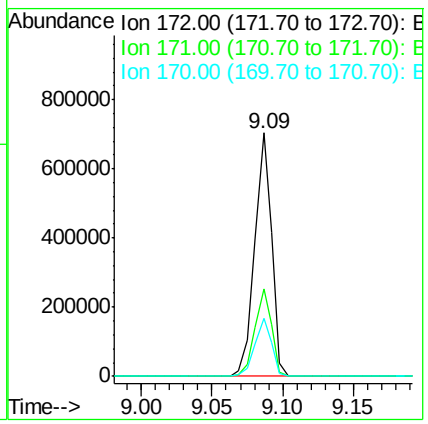




#44
2-Fluorobiphenyl
Concen: 69.126 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF096461.D
Acq: 4 Jul 2017 1:52

Tgt Ion:172 Resp: 594695

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.0	19.8	29.8



Instrument :
BNA_F
ClientSampleId :
E2-Q5-BASE

Manual Integrations APPROVED
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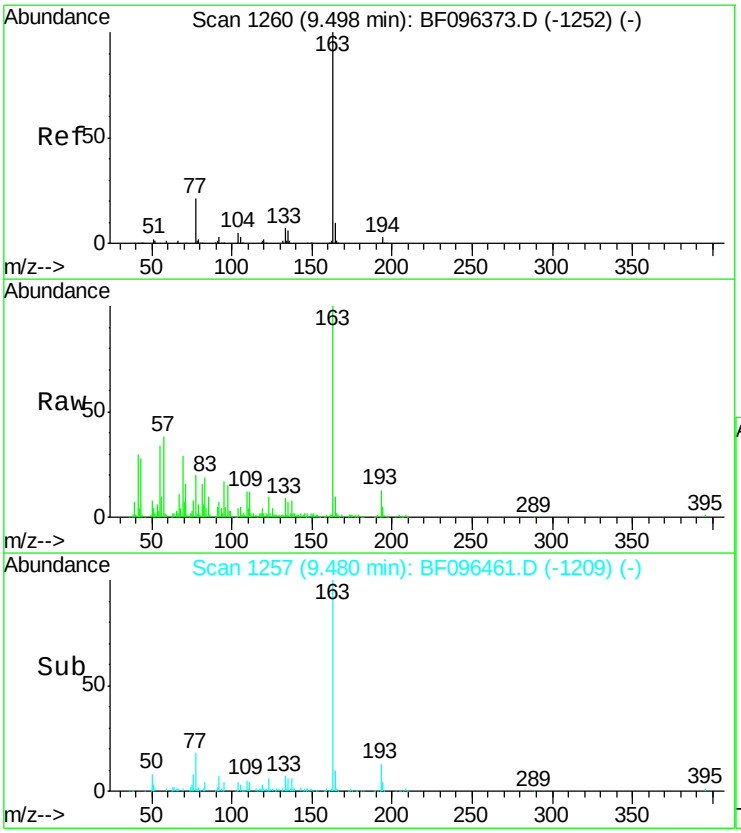
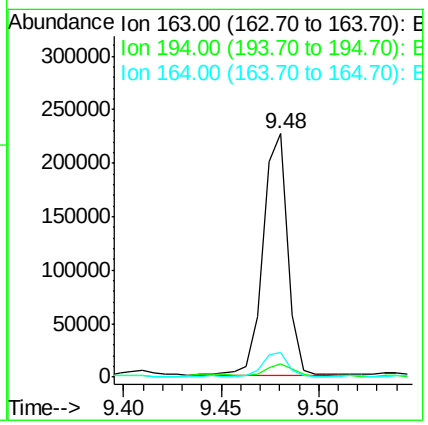
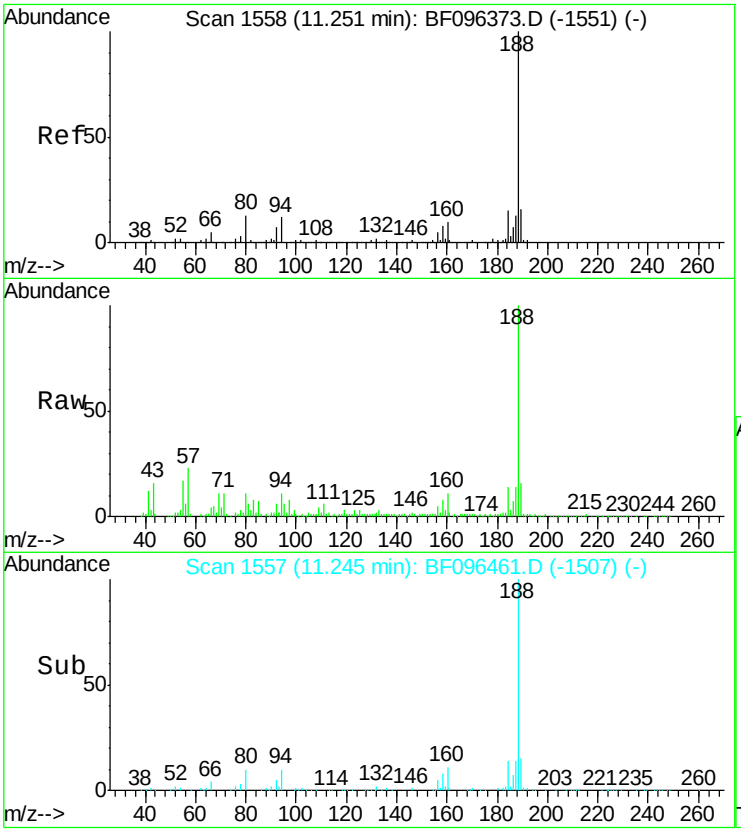


#49
Dimethylphthalate
Concen: 17.827 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF096461.D
Acq: 4 Jul 2017 1:52

Tgt Ion:163 Resp: 195753

Ion	Ratio	Lower	Upper
163	100		
194	5.3	2.6	4.0#
164	10.2	8.4	12.6





#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096461.D
Acq: 4 Jul 2017 1:52

Tgt Ion:188 Resp: 210845

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	10.6	10.2	15.2

Instrument :
BNA_F
ClientSampleId :
E2-Q5-BASE

Manual Integrations APPROVED
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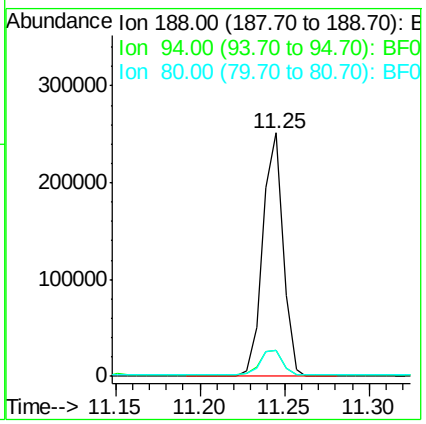
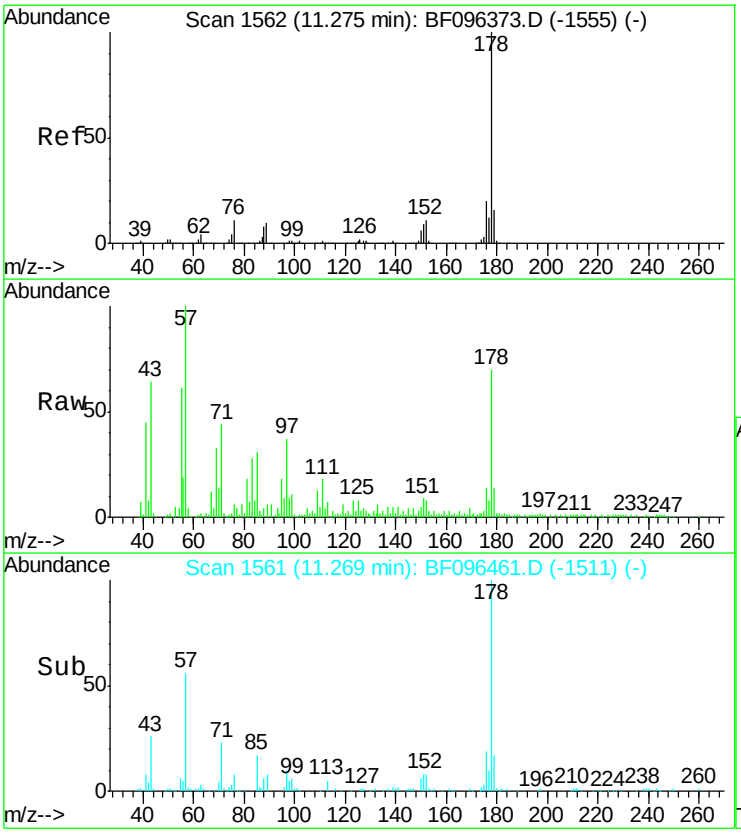
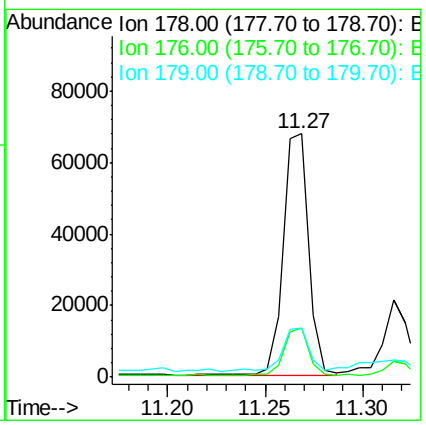


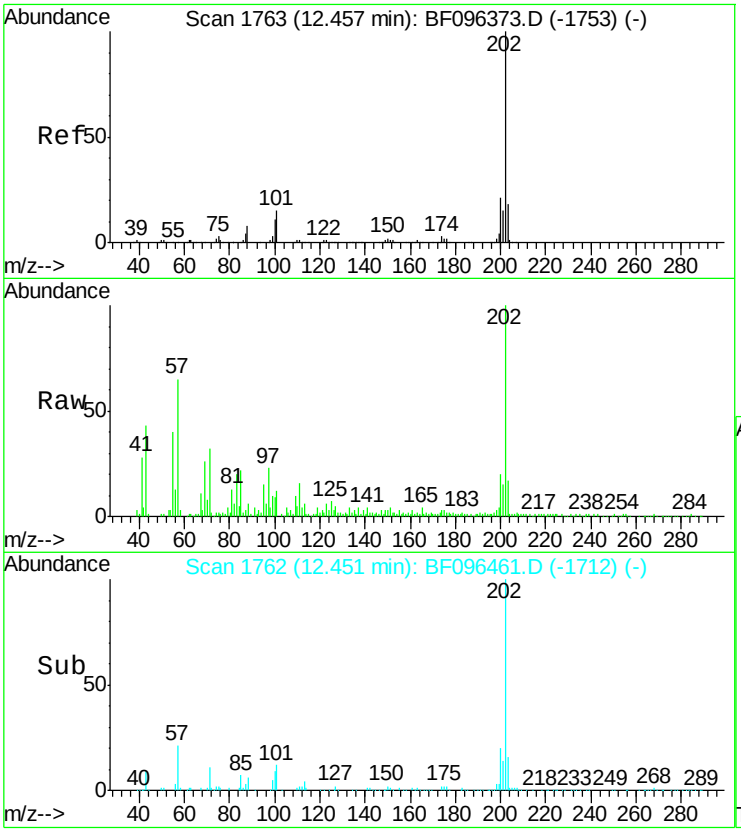


#70
Phenanthrene
Concen: 5.327 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF096461.D
Acq: 4 Jul 2017 1:52

Tgt Ion:178 Resp: 60714

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	20.2	12.6	19.0#

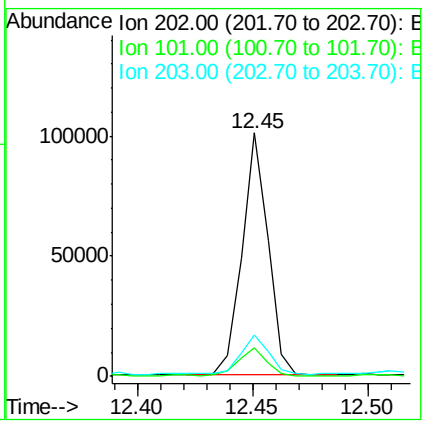




#74
Fluoranthene
Concen: 7.084 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF096461.D
Acq: 4 Jul 2017 1:52

Tgt Ion:202 Resp: 79158

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	33.2
203	17.0	0.0	38.1



Instrument :
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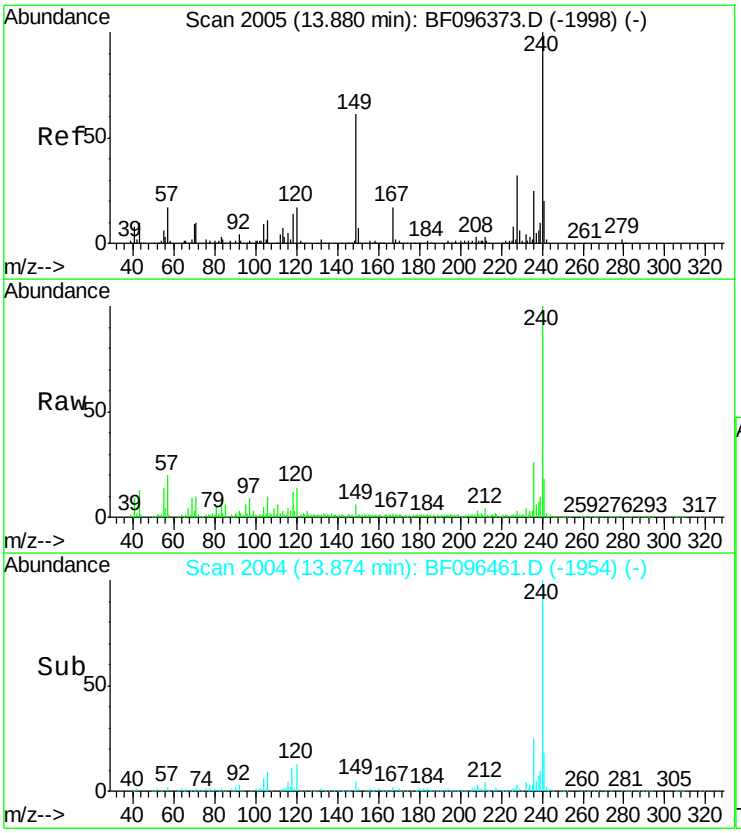
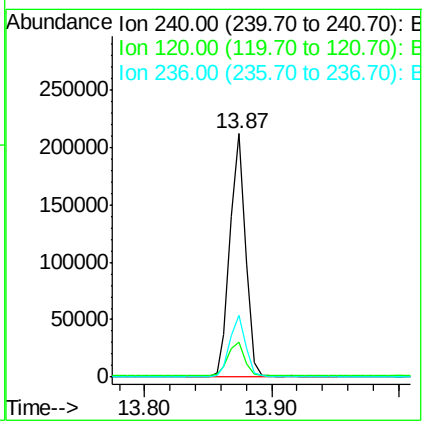
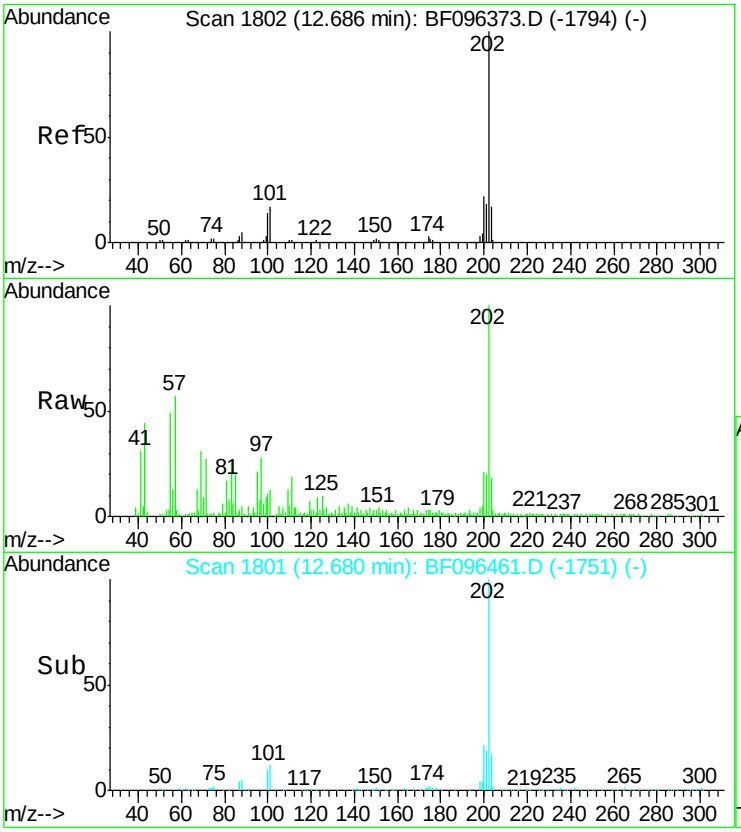


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF096461.D
Acq: 4 Jul 2017 1:52

Tgt Ion:240 Resp: 181259

Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	25.6	20.5	30.7

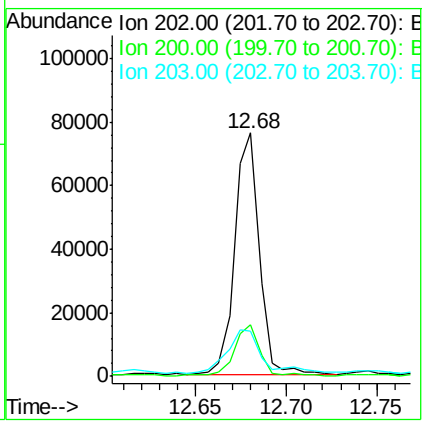




#77
Pyrene
Concen: 4.906 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF096461.D
Acq: 4 Jul 2017 1:52

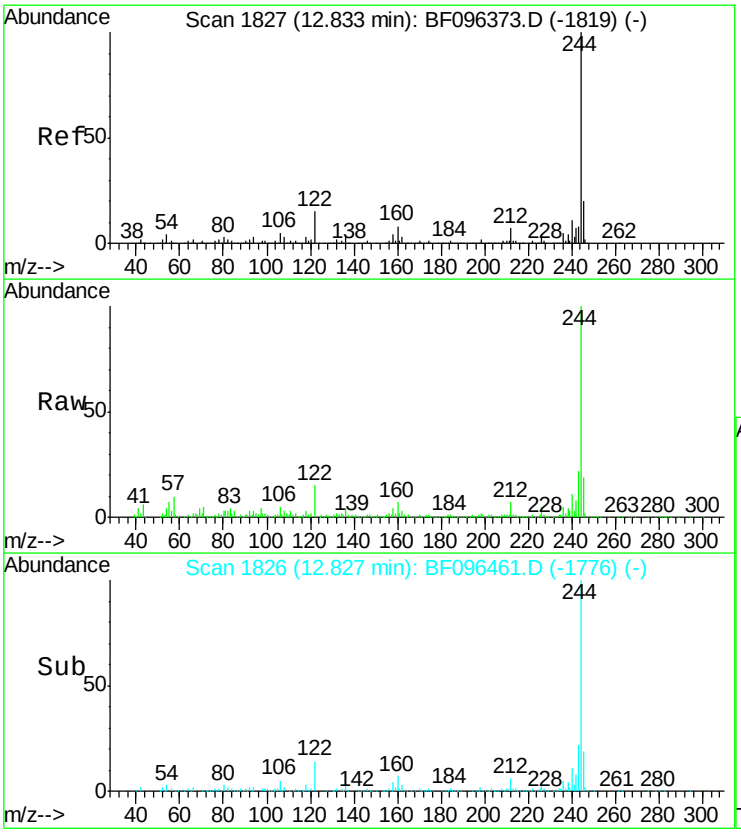
Tgt Ion:202 Resp: 71380

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	18.3	14.4	21.6



Instrument :
BNA_F
ClientSampleId :
E2-Q5-BASE

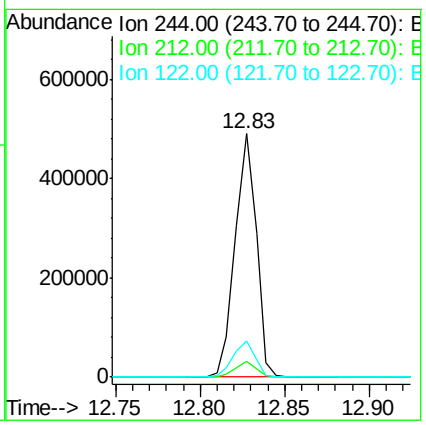
Manual Integrations APPROVED
mohammad
7/5/2017 11:42:00 AM

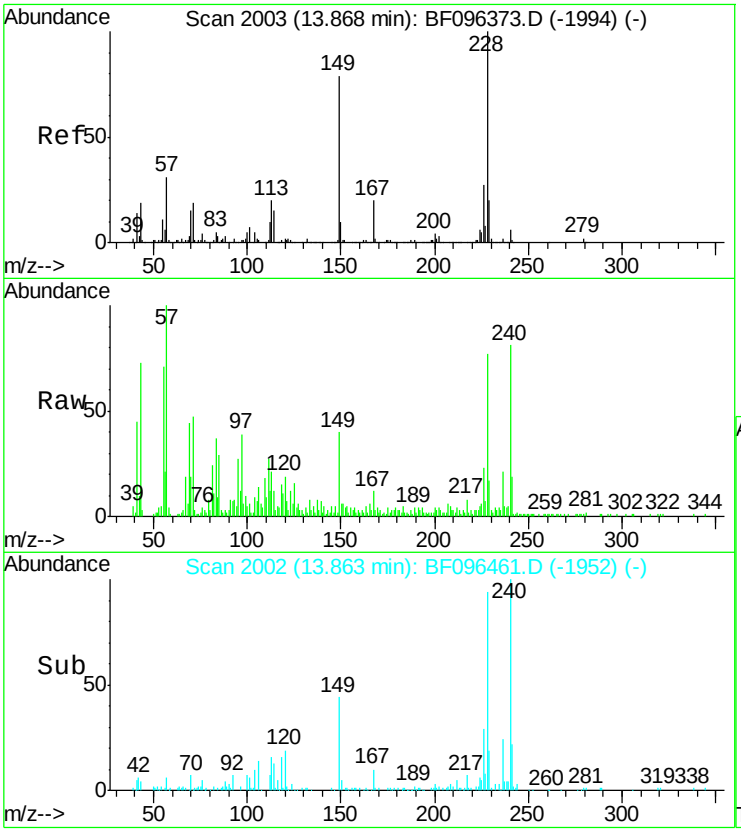


#78
Terphenyl-d14
Concen: 50.513 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF096461.D
Acq: 4 Jul 2017 1:52

Tgt Ion:244 Resp: 428481

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	14.7	10.3	15.5

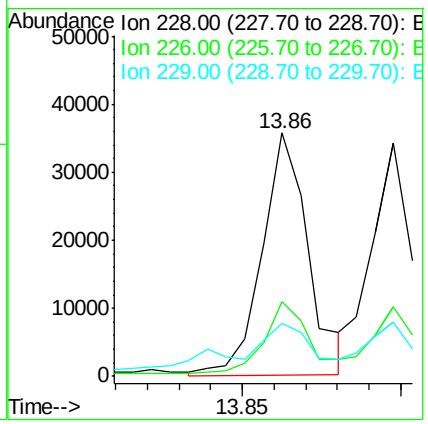




#80
Benzo(a)anthracene
Concen: 3.459 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096461.D
Acq: 4 Jul 2017 1:52

Tgt Ion:228 Resp: 36306

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	21.8	16.3	24.5



Instrument :
BNA_F
ClientSampleId :
E2-Q5-BASE

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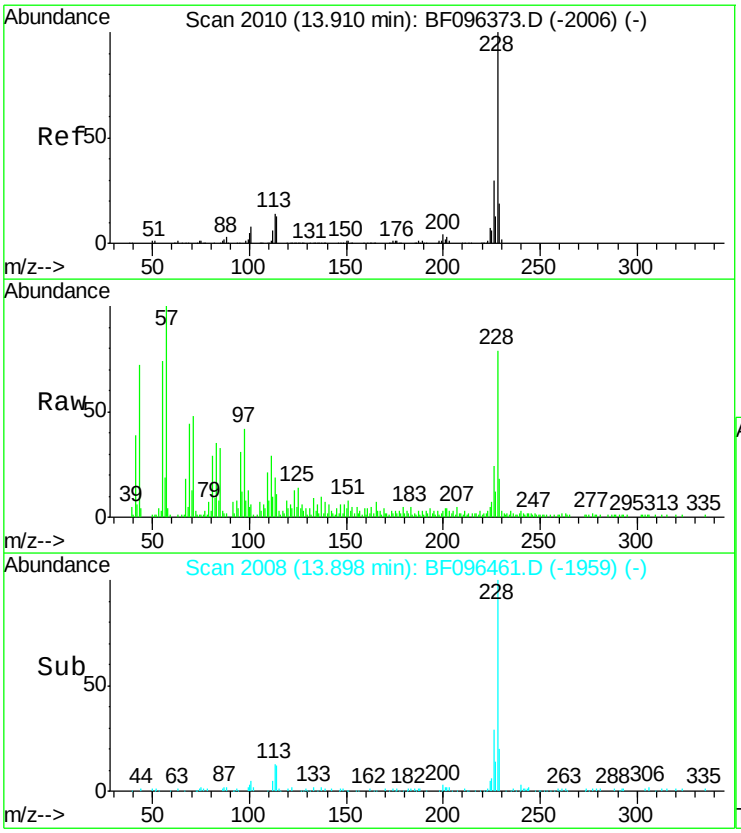
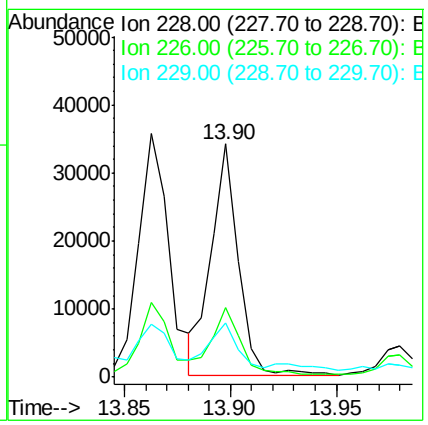
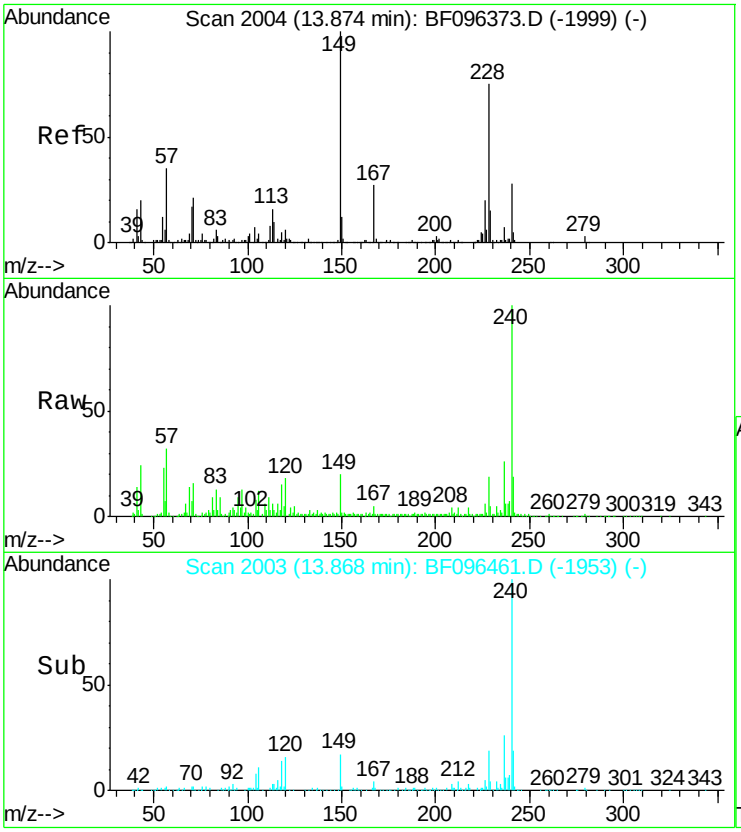


#82
Chrysene
Concen: 2.820 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF096461.D
Acq: 4 Jul 2017 1:52

Tgt Ion:228 Resp: 30996

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	23.4	15.8	23.6





#83
Bis(2-ethylhexyl)phthalate
Concen: 2.966 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF096461.D
Acq: 4 Jul 2017 1:52

Tgt Ion:149 Resp: 24380

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.0	31.4
279	4.2	1.9	2.9#

Instrument :
BNA_F
ClientSampleId :
E2-Q5-BASE

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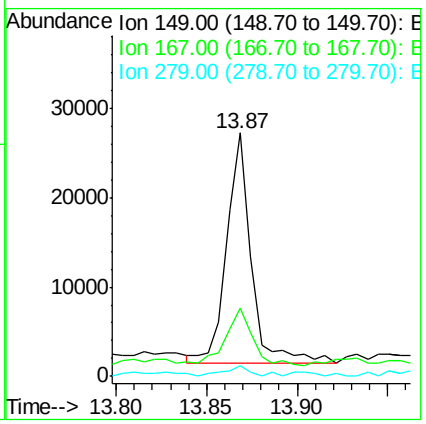
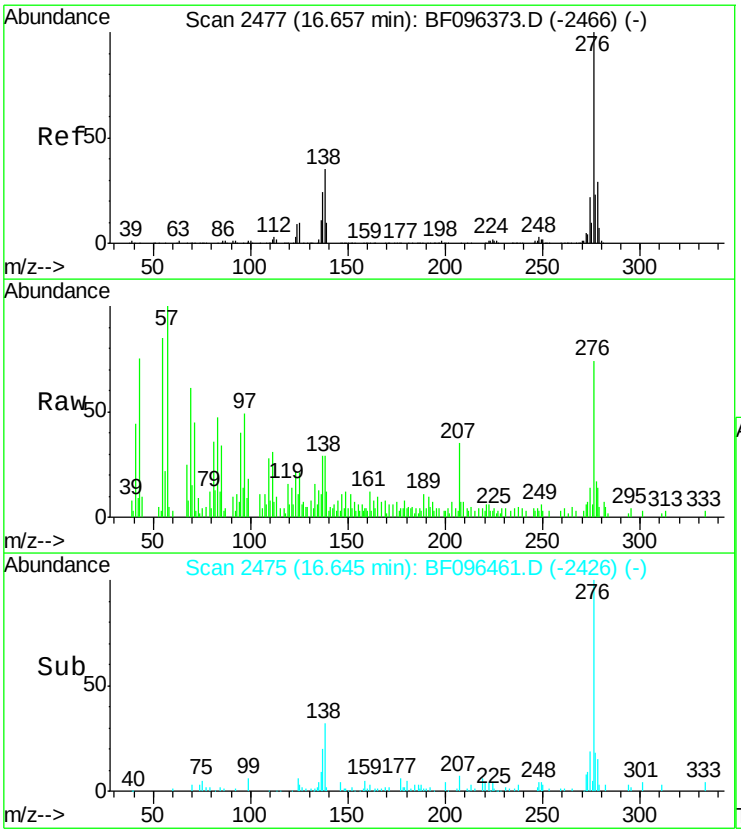
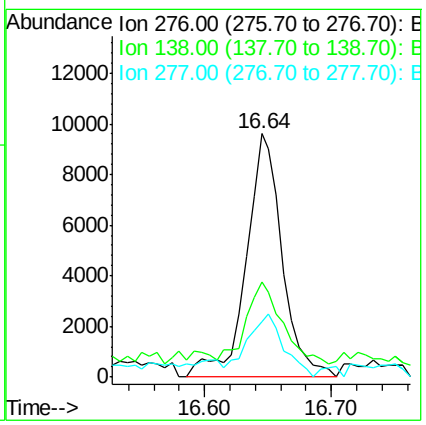


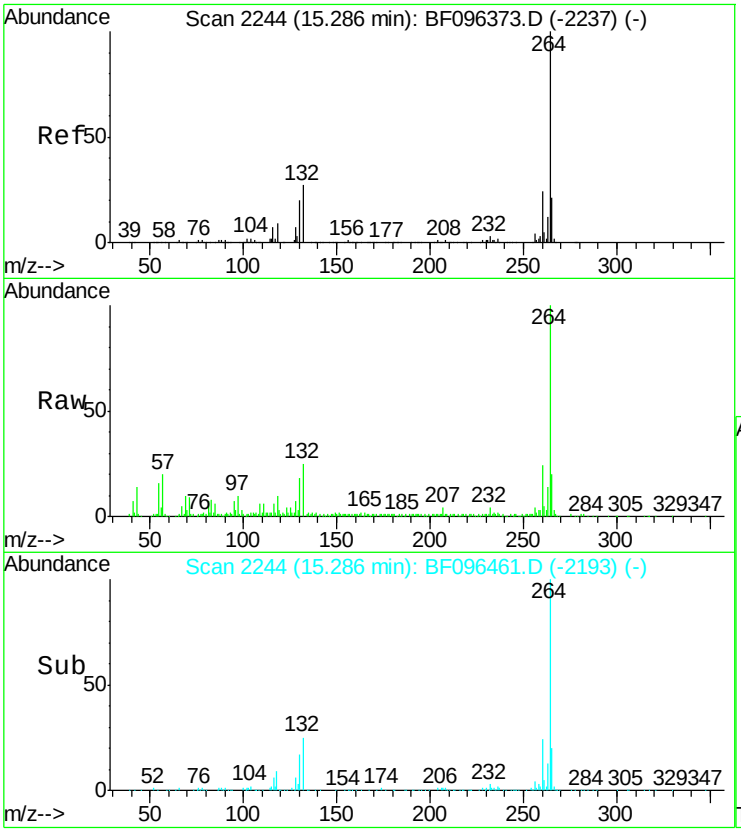


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.187 ng
RT: 16.64 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BF096461.D
Acq: 4 Jul 2017 1:52

Tgt Ion:276 Resp: 18972

Ion	Ratio	Lower	Upper
276	100		
138	34.0	27.8	41.6
277	26.1	20.2	30.4

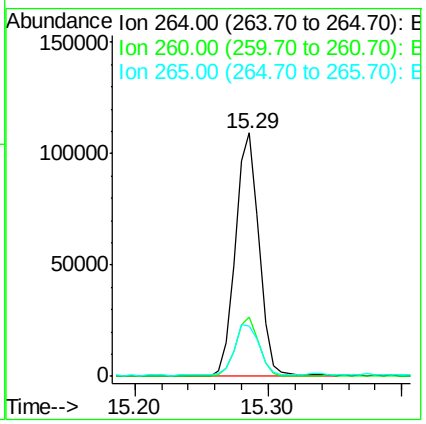




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BF096461.D
Acq: 4 Jul 2017 1:52

Tgt Ion:264 Resp: 135002

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	20.4	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
E2-Q5-BASE

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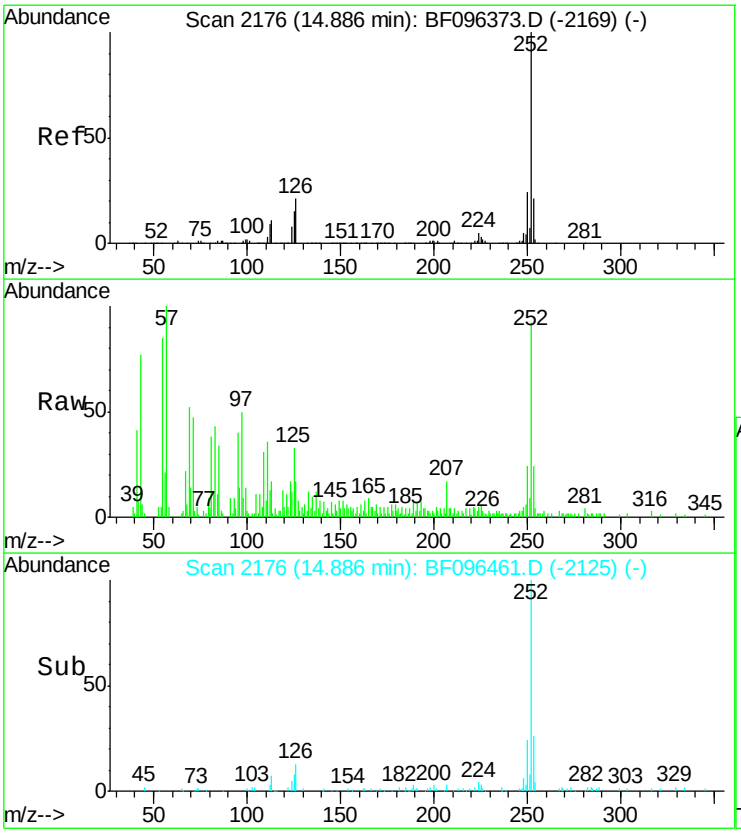
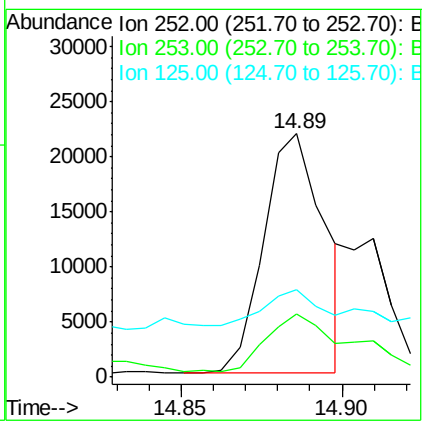
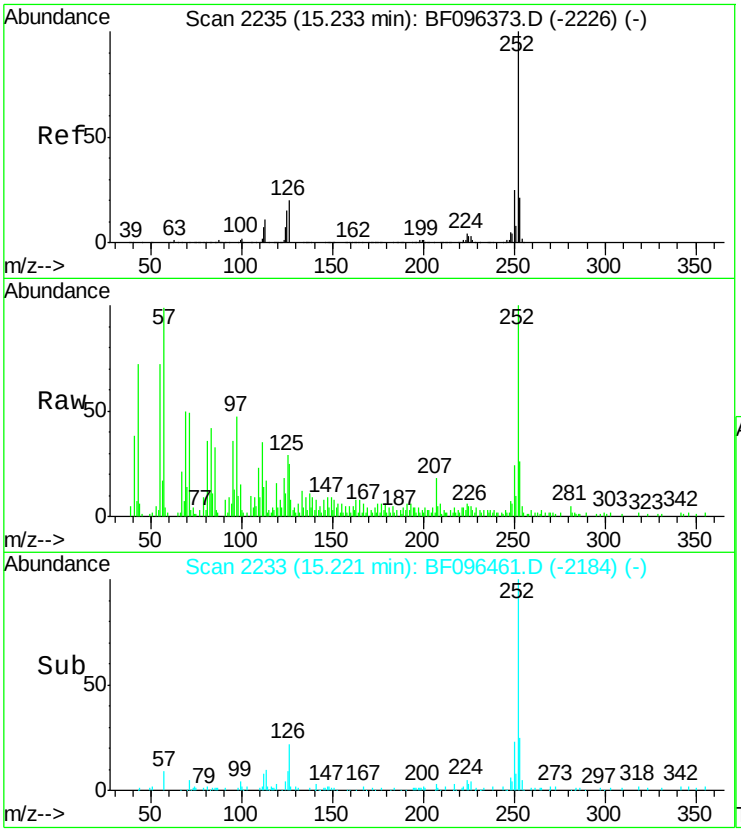


#87
Benzo(b)fluoranthene
Concen: 3.387 ng m
RT: 14.89 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BF096461.D
Acq: 4 Jul 2017 1:52

Tgt Ion:252 Resp: 28655

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.1	27.1
125	35.9	9.8	14.8#





#89
Benzo(a)pyrene
Concen: 3.739 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF096461.D
Acq: 4 Jul 2017 1:52

Tgt Ion:252 Resp: 28238

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.5	26.3#
125	28.7	11.0	16.4#

Instrument :
BNA_F
ClientSampleId :
E2-Q5-BASE

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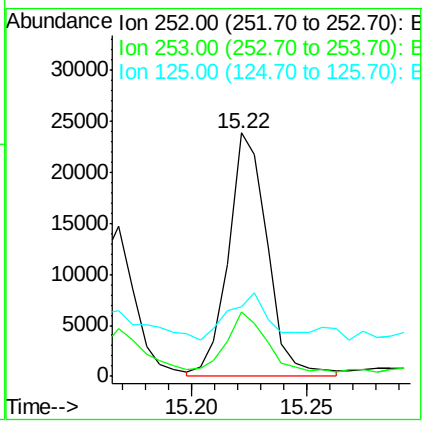

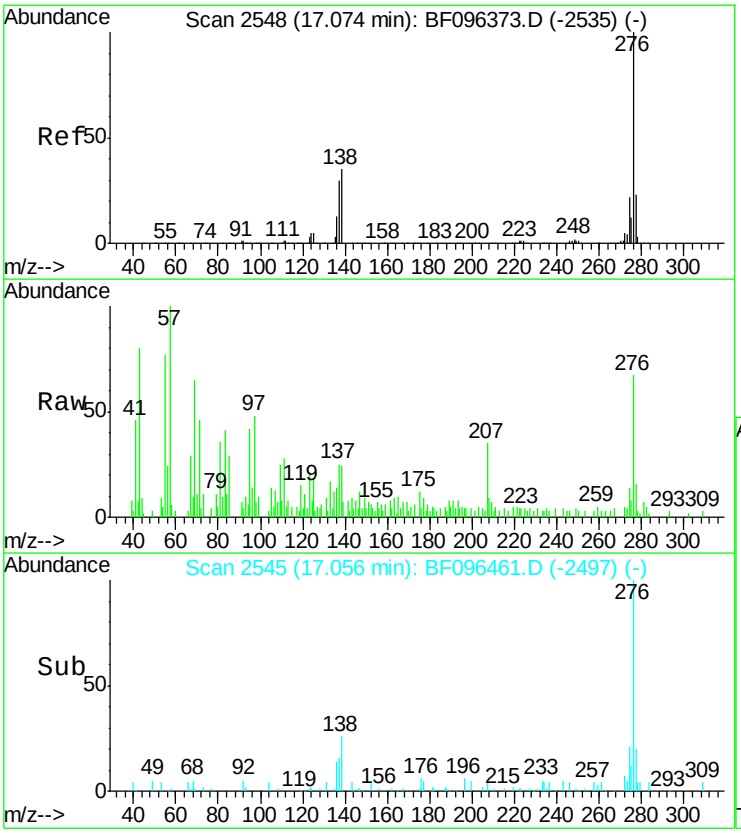

#91
Benzo(g,h,i)perylene
Concen: 2.673 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.02 min
Lab File: BF096461.D
Acq: 4 Jul 2017 1:52

Tgt Ion:276 Resp: 16456

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	36.0	25.4	38.0