Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095490.D
Acq On : 27 May 2017 8:11
Operator : SJ/MA
Sample : I3339-03 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S10-BASE

Manual Integrations APPROVED
mohammad
5/30/2017 1:37:25 PM

Quant Time: May 28 23:33:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	82137	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	323844	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	133197	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	196755	20.00	ng	0.00
75) Chrysene-d12	18.68	240	160662	20.00	ng	0.00
86) Perylene-d12	20.36	264	136668	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	104313	21.17	ng	0.06
7) Phenol-d6	7.34	99	119888	20.28	ng	0.05
23) Nitrobenzene-d5	8.68	82	73966	14.40	ng	0.02
41) 2,4,6-Tribromophenol	13.92	330	17571	16.11	ng	0.02
44) 2-Fluorobiphenyl	11.54	172	131284	14.19	ng	0.00
78) Terphenyl-d14	17.32	244	73208	10.04	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	9.80	128	80773	4.96	ng	97
49) Dimethylphthalate	12.24	163	60693	5.55	ng	96
70) Phenanthrene	15.05	178	41961	3.71	ng	98
74) Fluoranthene	16.79	202	40548	3.50	ng	96
77) Pyrene	17.09	202	63510	5.29	ng	96
80) Benzo(a)anthracene	18.67	228	19308	2.06	ng	98
82) Chrysene	18.71	228	23486m	2.60	ng	
87) Benzo(b)fluoranthene	19.96	252	24994m	2.96	ng	
89) Benzo(a)pyrene	20.31	252	24649	3.16	ng	97
91) Benzo(g,h,i)perylene	22.11	276	17136	2.71	ng	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095490.D
Acq On : 27 May 2017 8:11
Operator : SJ/MA
Sample : I3339-03 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

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Instrument :
BNA_F
ClientSampleId :
E2-S10-BASE

Manual Integrations APPROVED
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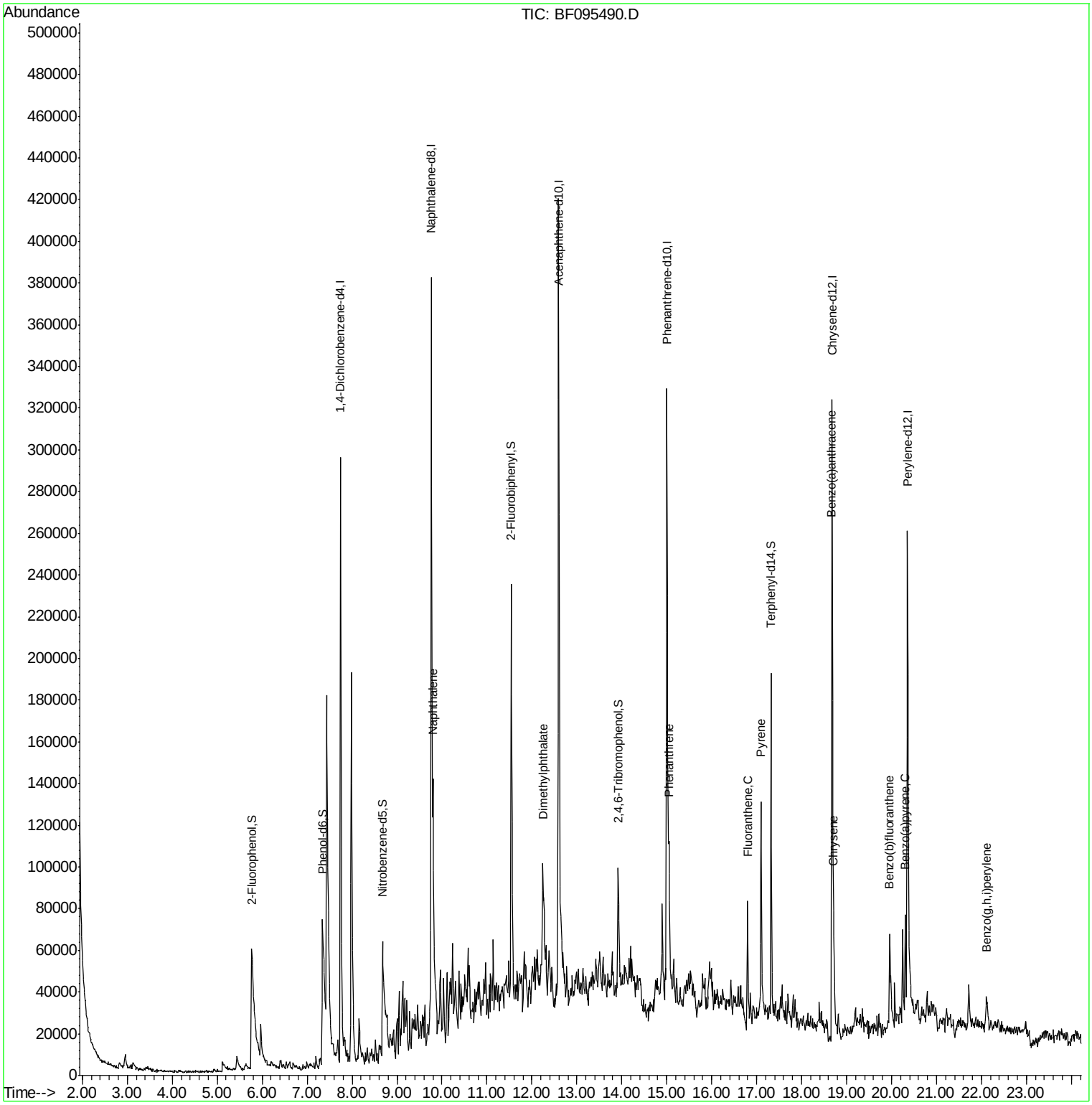
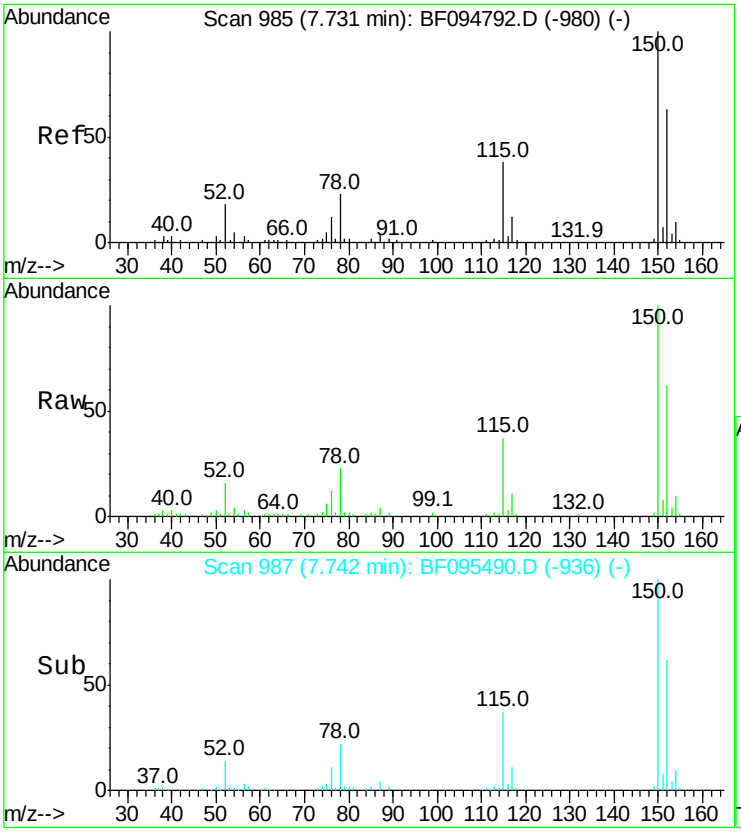
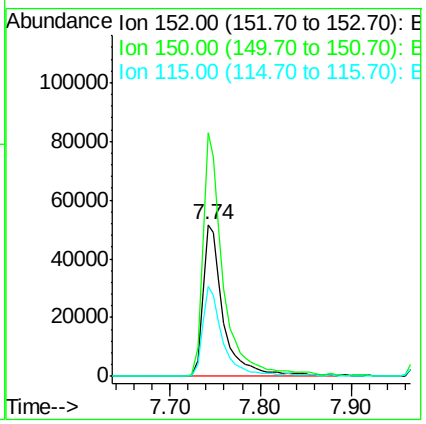




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF095490.D
Acq: 27 May 2017 8:11

Tgt Ion:152 Resp: 82137

Ion	Ratio	Lower	Upper
152	100		
150	160.7	126.2	189.2
115	59.0	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
E2-S10-BASE

Manual Integrations APPROVED
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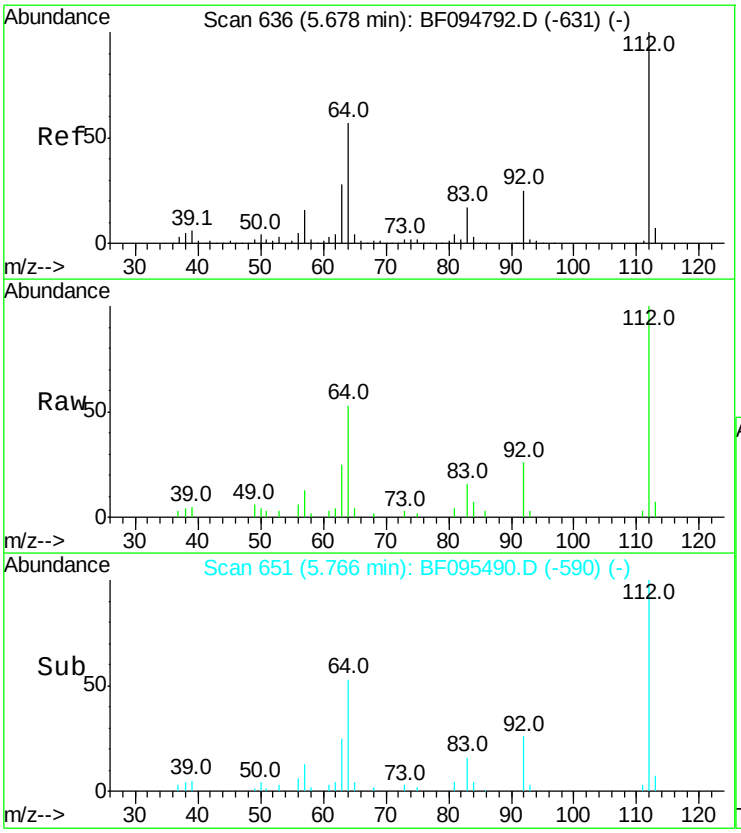
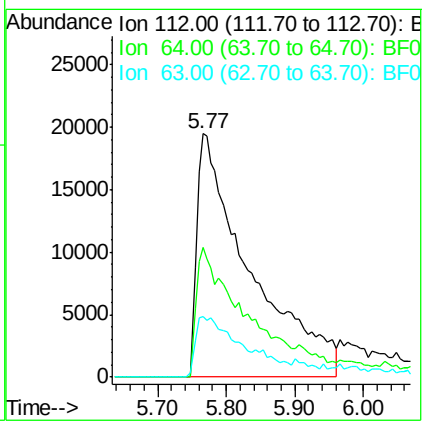
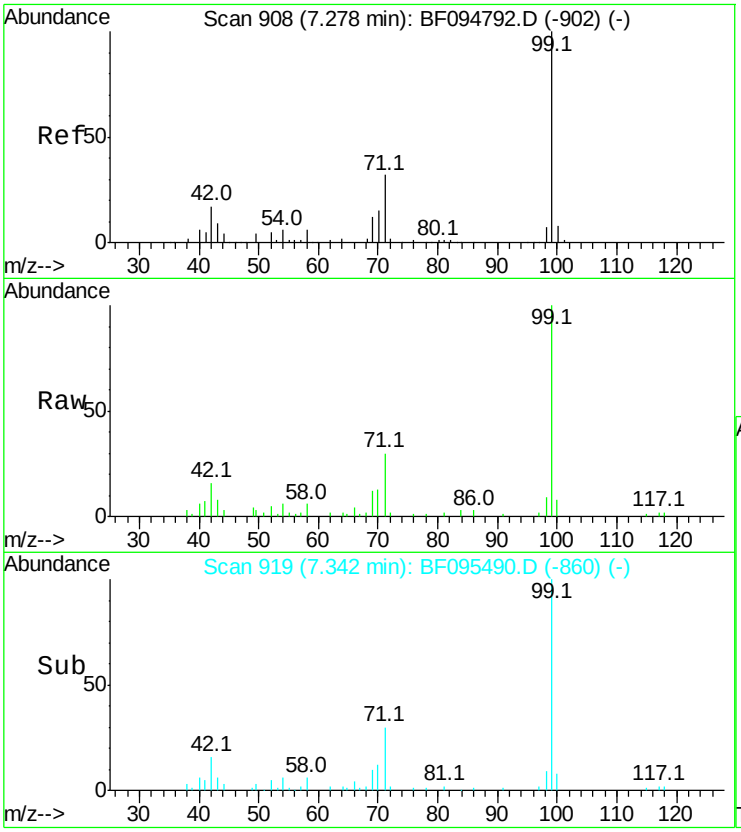


#5
2-Fluorophenol
Concen: 21.17 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.06 min
Lab File: BF095490.D
Acq: 27 May 2017 8:11

Tgt Ion:112 Resp: 104313

Ion	Ratio	Lower	Upper
112	100		
64	53.0	46.0	69.0
63	24.7	23.4	35.0

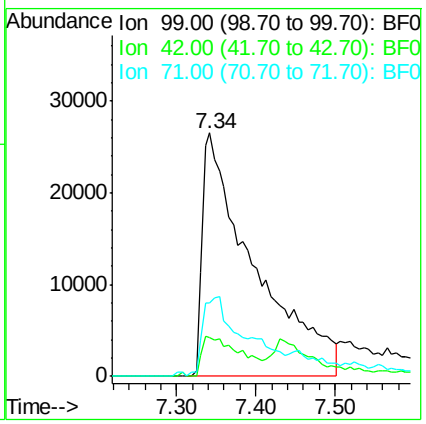




#7
Phenol-d6
Concen: 20.28 ng
RT: 7.34 min Scan# 919
Delta R.T. 0.05 min
Lab File: BF095490.D
Acq: 27 May 2017 8:11

Tgt Ion: 99 Resp: 119888

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	30.4	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
E2-S10-BASE

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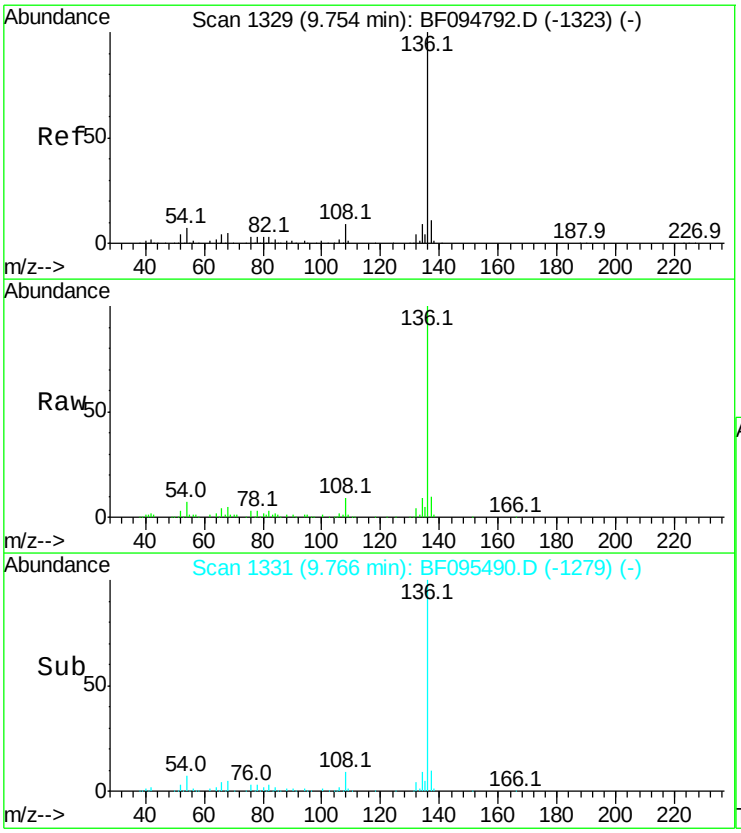
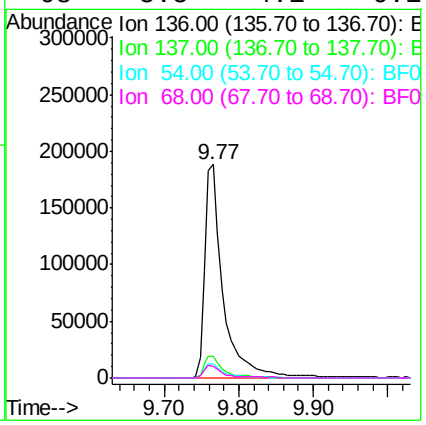
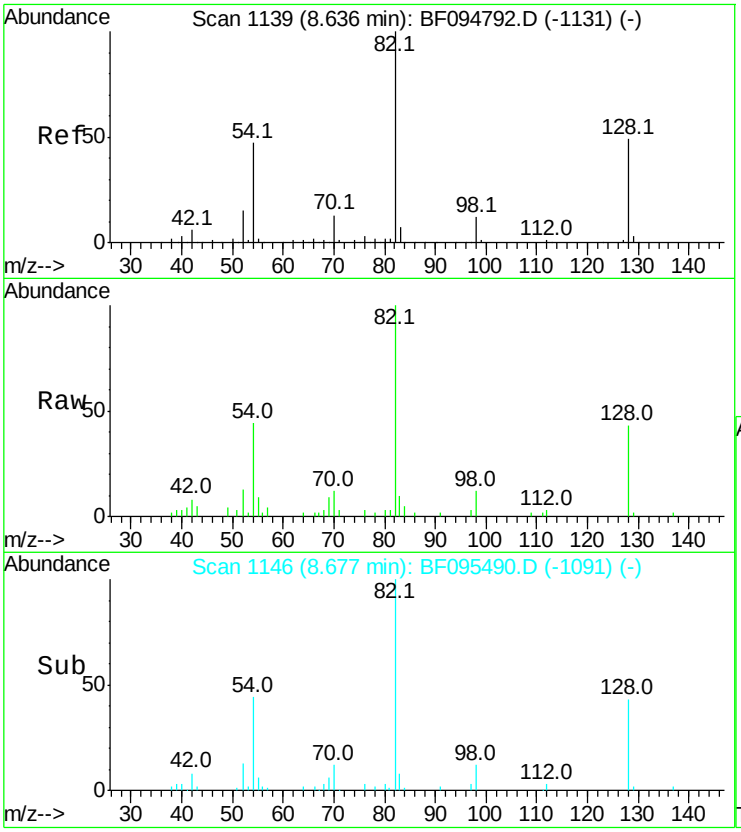


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF095490.D
Acq: 27 May 2017 8:11

Tgt Ion:136 Resp: 323844

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	6.7	4.9	7.3
68	5.5	4.1	6.1

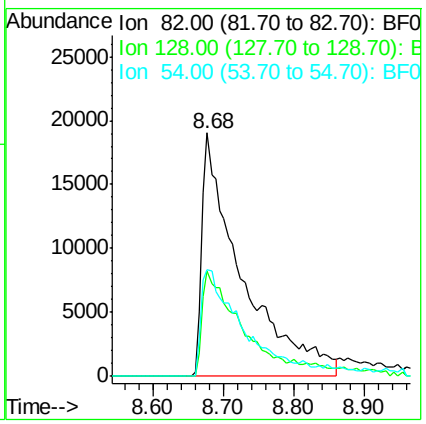




#23
Nitrobenzene-d5
Concen: 14.40 ng
RT: 8.68 min Scan# 1146
Delta R.T. 0.02 min
Lab File: BF095490.D
Acq: 27 May 2017 8:11

Tgt Ion: 82 Resp: 73966

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.0	51.0
54	43.8	42.2	63.2



Instrument :
BNA_F
ClientSampleId :
E2-S10-BASE

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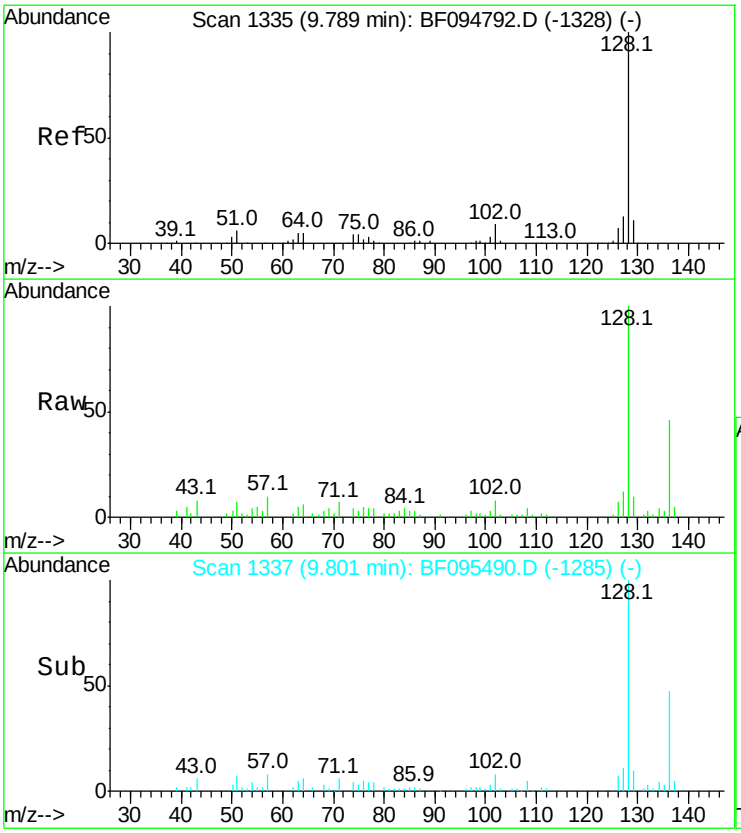
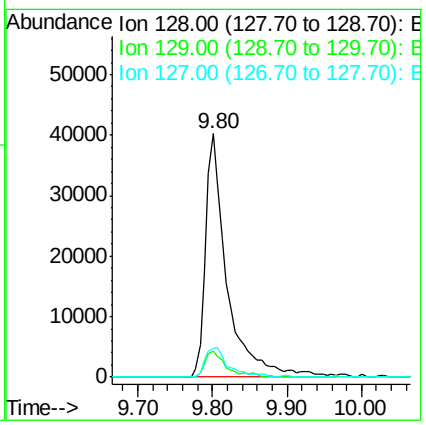
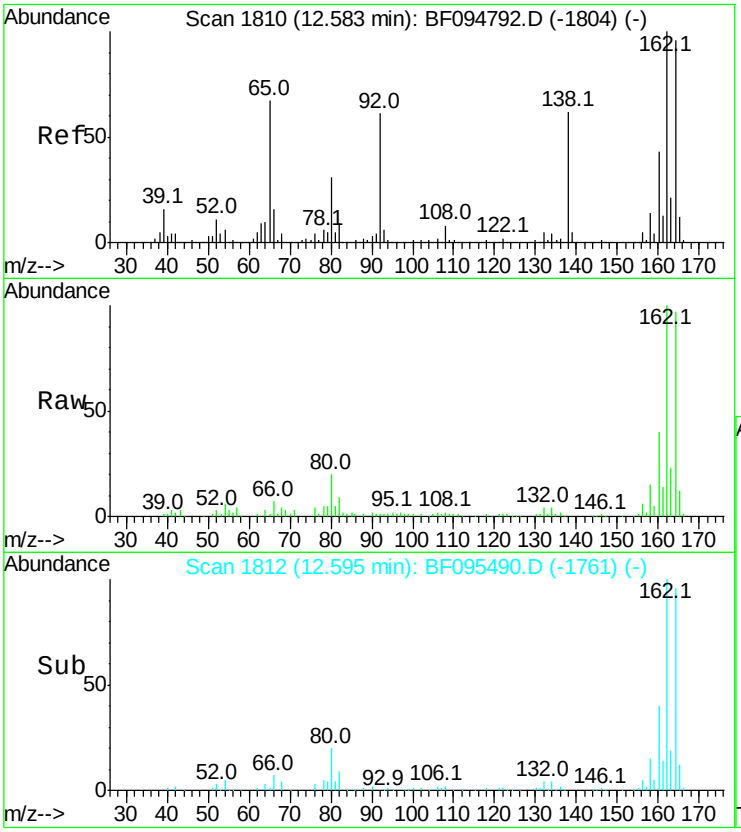


#31
Naphthalene
Concen: 4.96 ng
RT: 9.80 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF095490.D
Acq: 27 May 2017 8:11

Tgt Ion:128 Resp: 80773

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.6
127	11.7	10.8	16.2

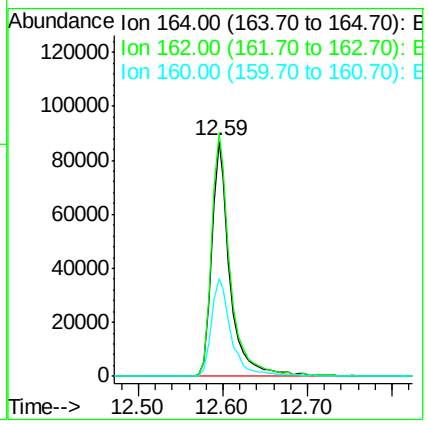




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BF095490.D
Acq: 27 May 2017 8:11

Tgt Ion:164 Resp: 133197

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	41.8	36.2	54.2



Instrument :
BNA_F
ClientSampleId :
E2-S10-BASE

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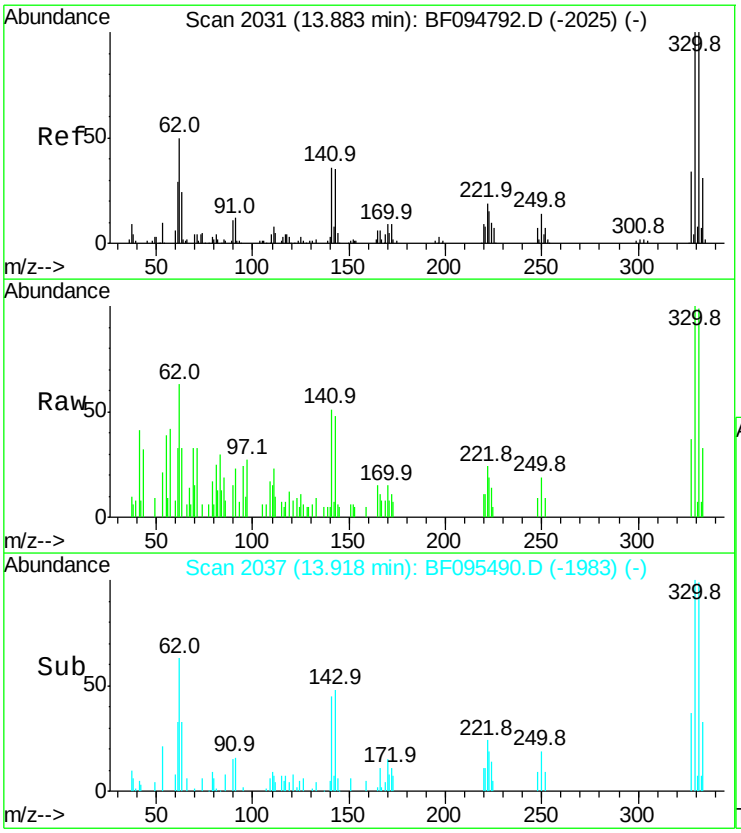
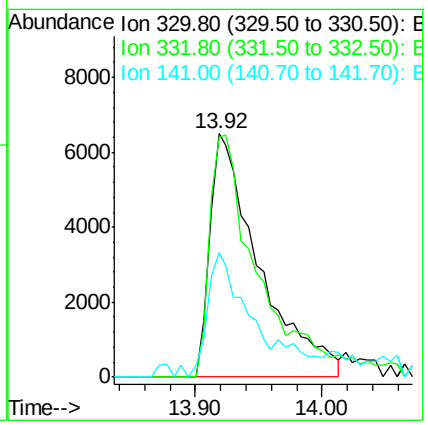
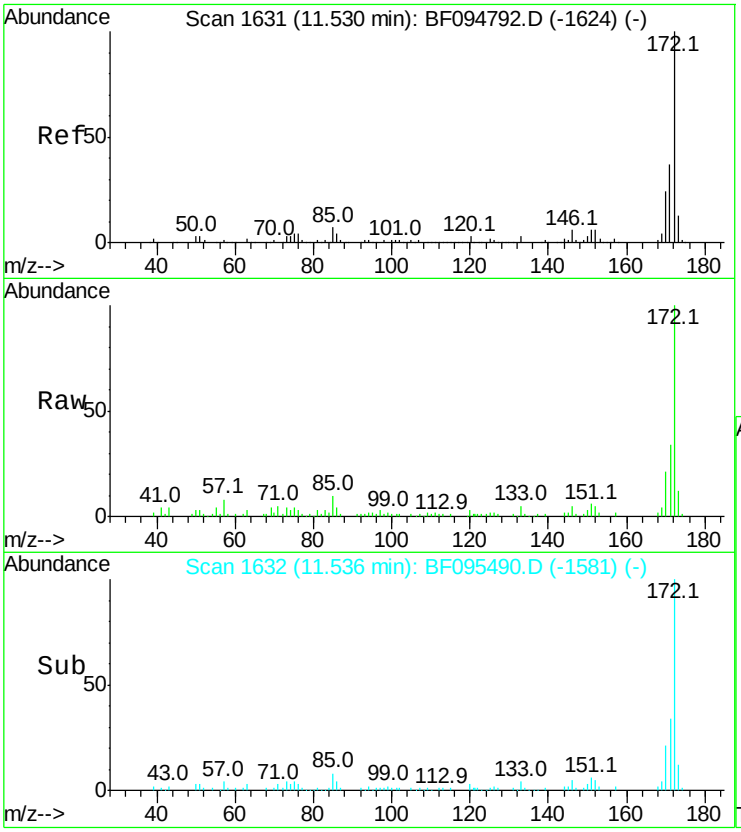


#41
2,4,6-Tribromophenol
Concen: 16.11 ng
RT: 13.92 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF095490.D
Acq: 27 May 2017 8:11

Tgt Ion:330 Resp: 17571

Ion	Ratio	Lower	Upper
330	100		
332	103.1	76.6	115.0
141	39.2	31.4	47.2

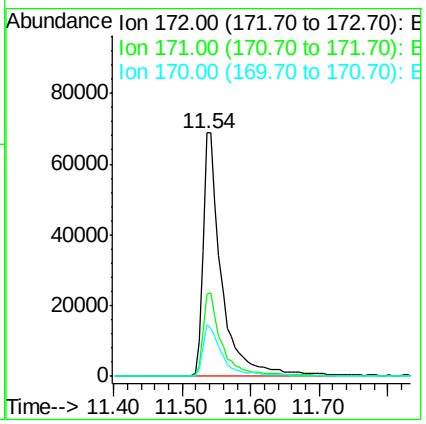




#44
2-Fluorobiphenyl
Concen: 14.19 ng
RT: 11.54 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BF095490.D
Acq: 27 May 2017 8:11

Tgt Ion:172 Resp: 131284

Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.6	44.4
170	21.1	19.8	29.8



Instrument :
BNA_F
ClientSampleId :
E2-S10-BASE

Manual Integrations APPROVED
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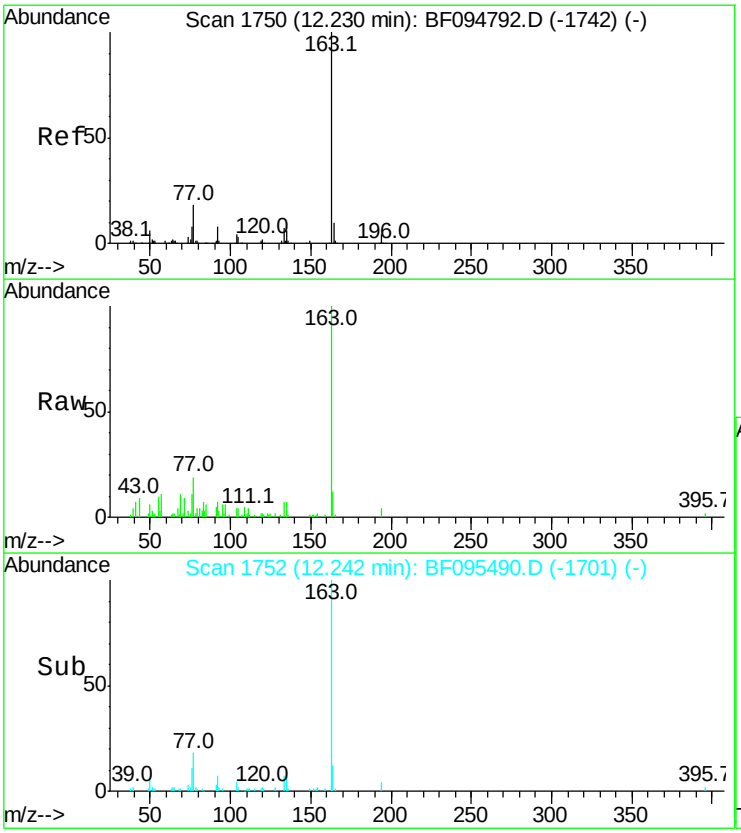
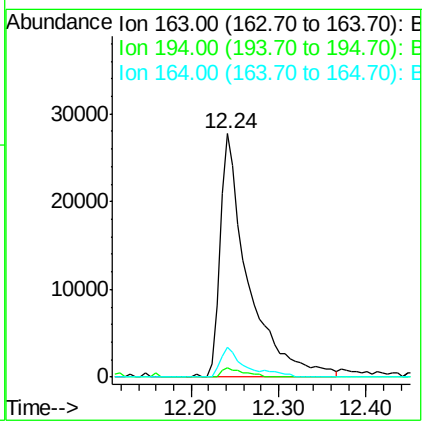
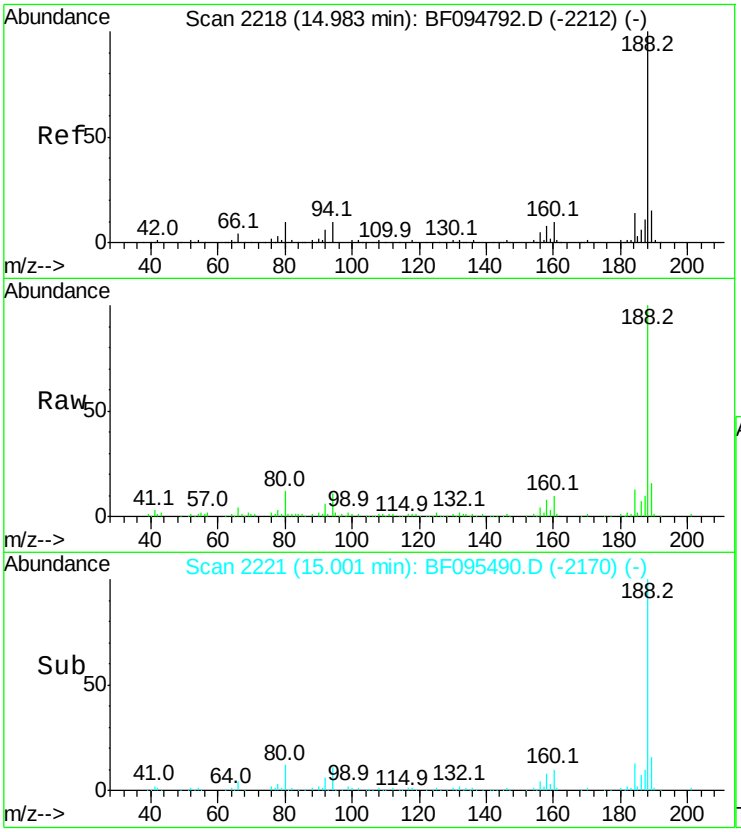


#49
Dimethylphthalate
Concen: 5.55 ng
RT: 12.24 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BF095490.D
Acq: 27 May 2017 8:11

Tgt Ion:163 Resp: 60693

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	12.4	8.4	12.6

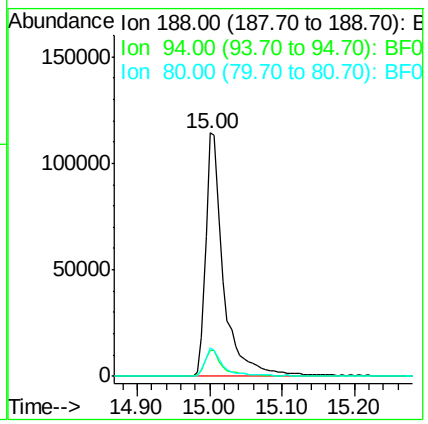




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF095490.D
Acq: 27 May 2017 8:11

Tgt Ion:188 Resp: 196755

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.5	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
E2-S10-BASE

Manual Integrations APPROVED
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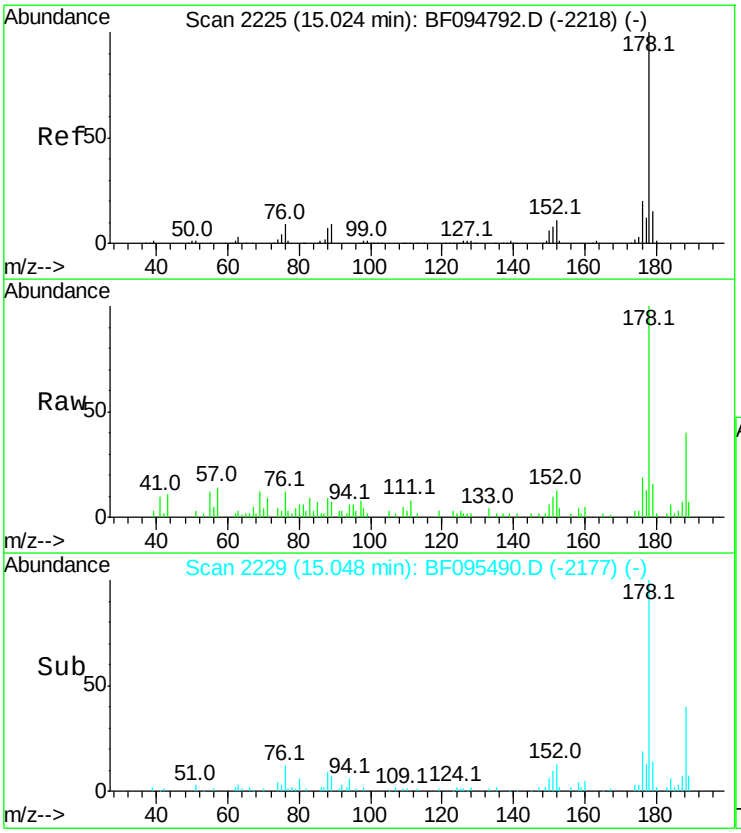
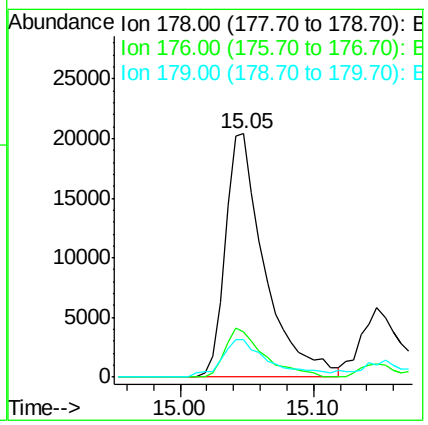
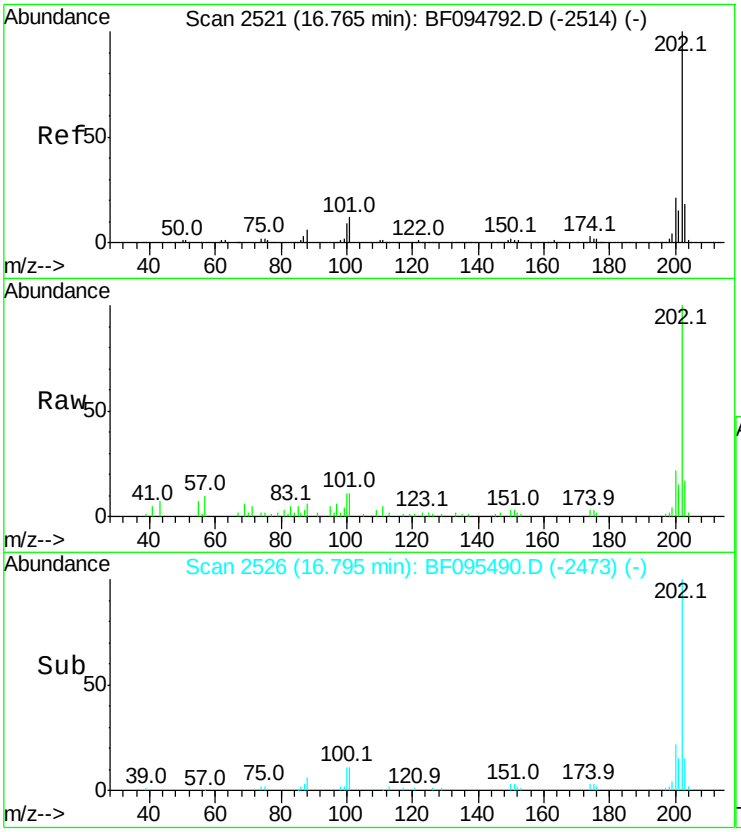


#70
Phenanthrene
Concen: 3.71 ng
RT: 15.05 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF095490.D
Acq: 27 May 2017 8:11

Tgt Ion:178 Resp: 41961

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	15.5	12.6	19.0





#74
Fluoranthene
Concen: 3.50 ng
RT: 16.79 min Scan# 2526
Delta R.T. 0.01 min
Lab File: BF095490.D
Acq: 27 May 2017 8:11

Tgt Ion:202 Resp: 40548

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	33.2
203	16.6	0.0	38.1

Instrument :
BNA_F
ClientSampleId :
E2-S10-BASE

Manual Integrations APPROVED
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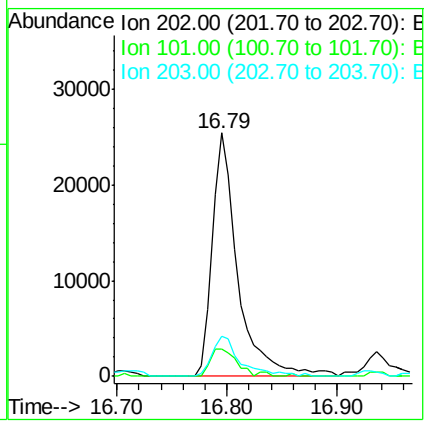
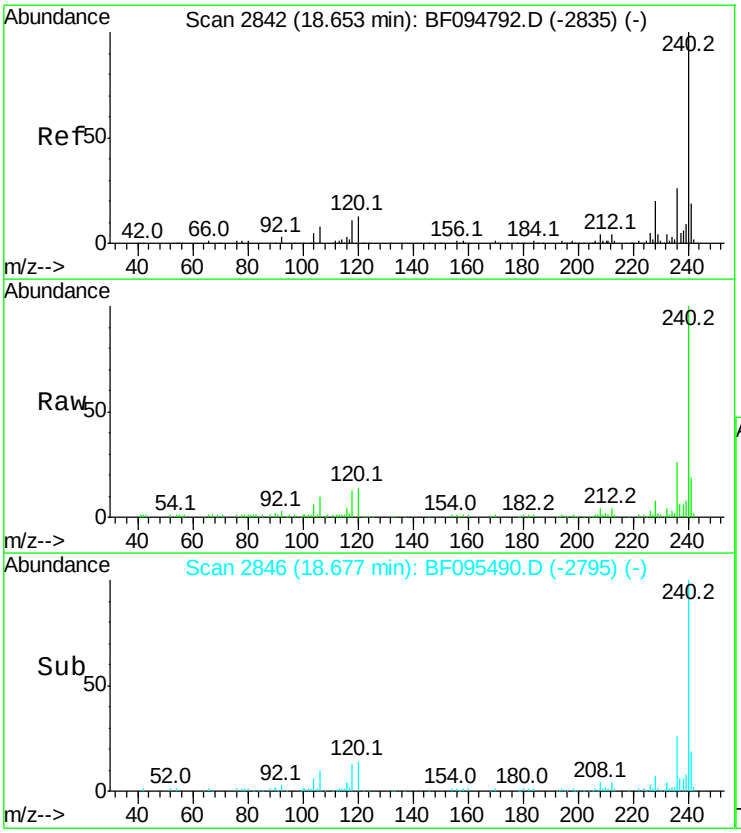
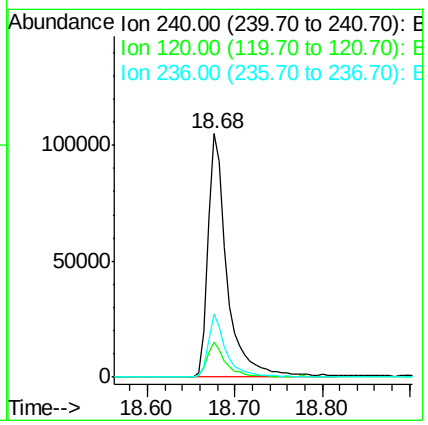


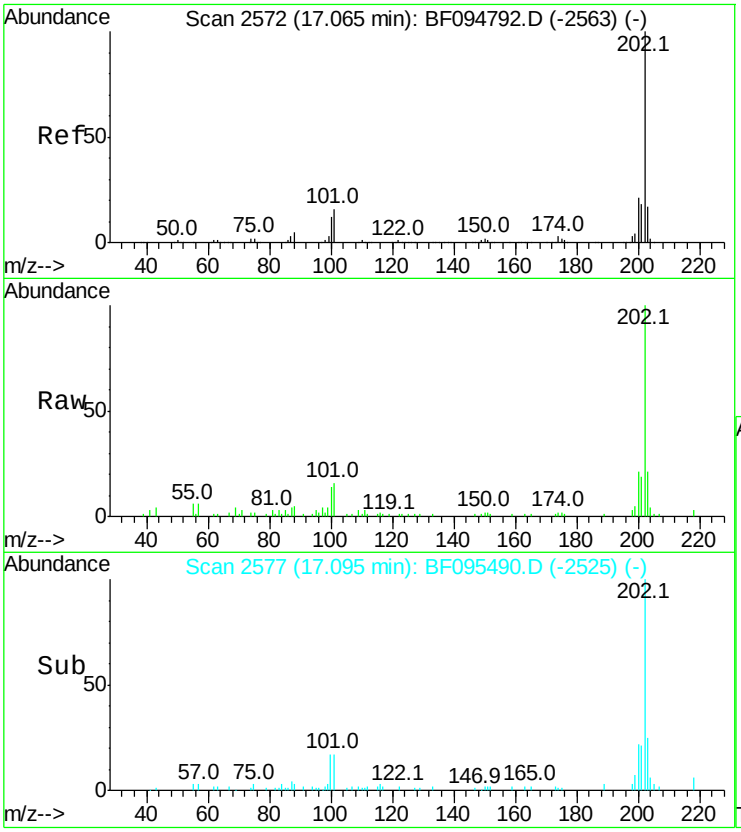


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BF095490.D
Acq: 27 May 2017 8:11

Tgt Ion:240 Resp: 160662

Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	25.9	20.5	30.7

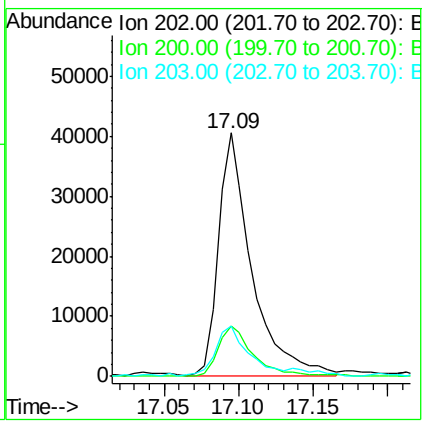




#77
Pyrene
Concen: 5.29 ng
RT: 17.09 min Scan# 2577
Delta R.T. 0.01 min
Lab File: BF095490.D
Acq: 27 May 2017 8:11

Tgt Ion:202 Resp: 63510

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	20.7	14.4	21.6



Instrument :
BNA_F
ClientSampleId :
E2-S10-BASE

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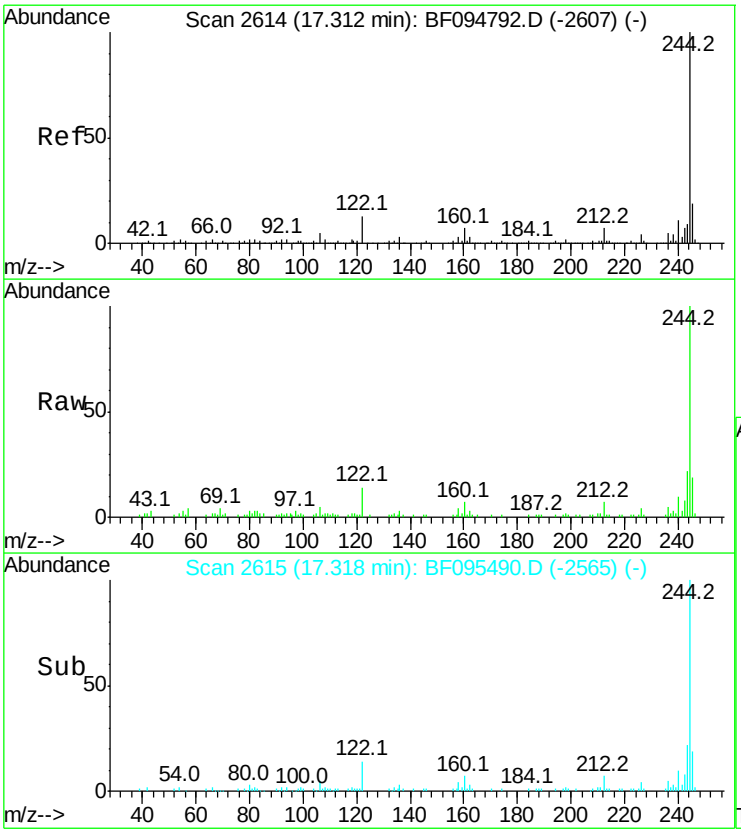
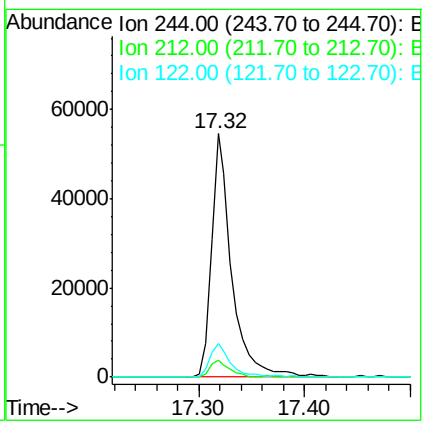
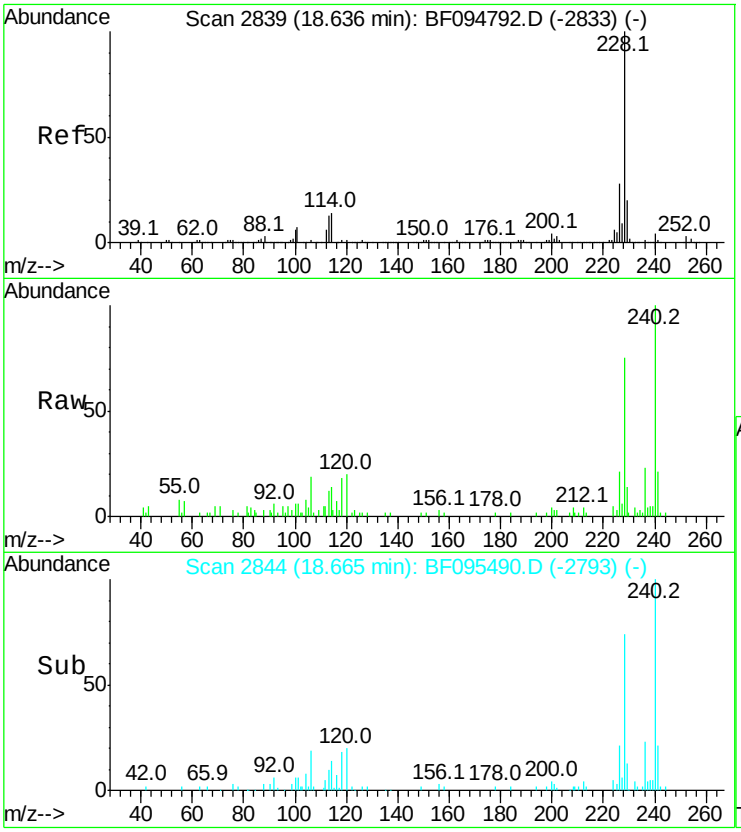


#78
Terphenyl-d14
Concen: 10.04 ng
RT: 17.32 min Scan# 2615
Delta R.T. -0.01 min
Lab File: BF095490.D
Acq: 27 May 2017 8:11

Tgt Ion:244 Resp: 73208

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.0	10.3	15.5

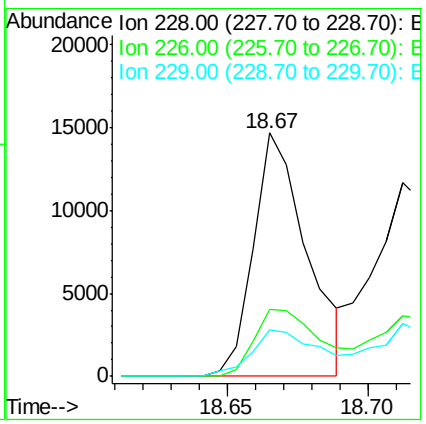




#80
Benzo(a)anthracene
Concen: 2.06 ng
RT: 18.67 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BF095490.D
Acq: 27 May 2017 8:11

Tgt Ion:228 Resp: 19308

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.2	16.3	24.5



Instrument :
BNA_F
ClientSampleId :
E2-S10-BASE

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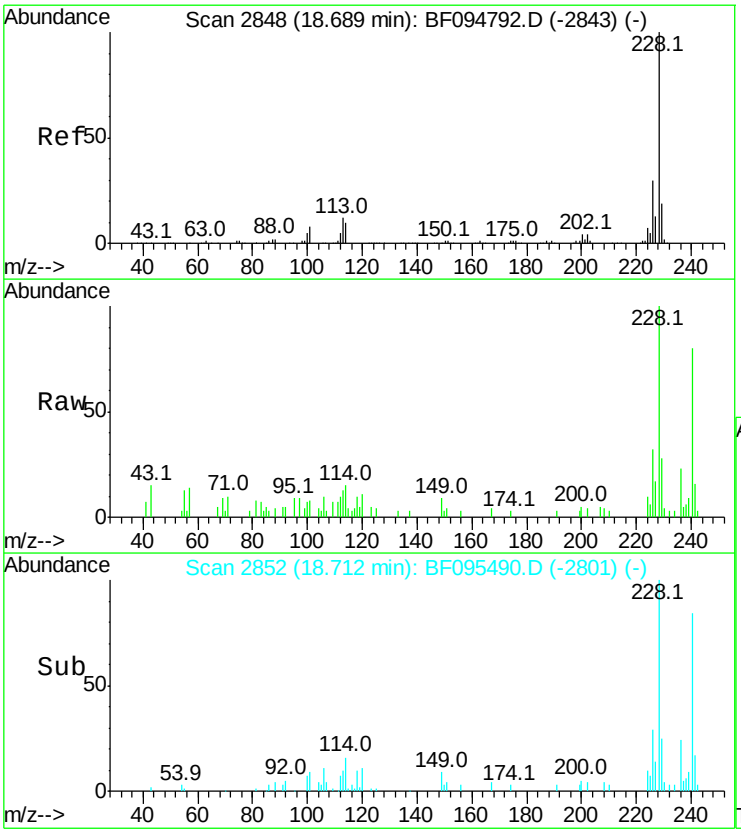
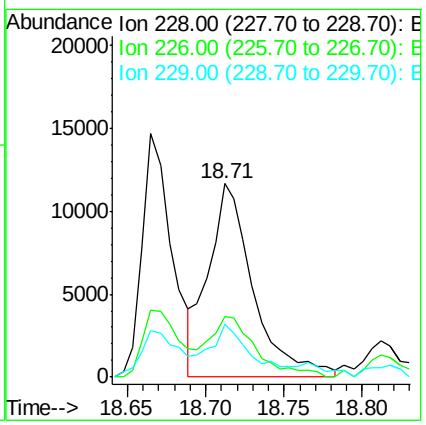
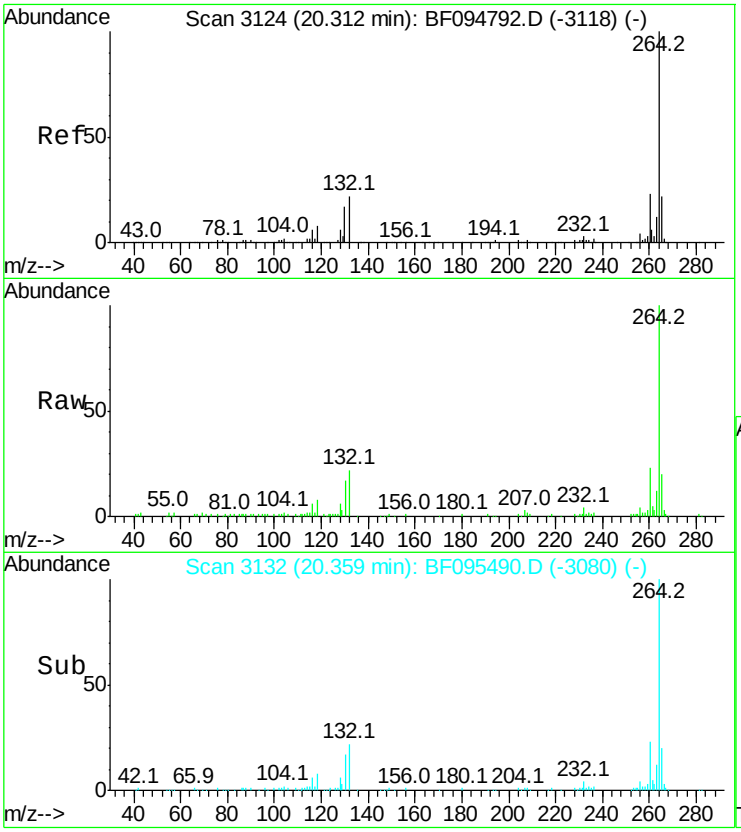


#82
Chrysene
Concen: 2.60 ng m
RT: 18.71 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BF095490.D
Acq: 27 May 2017 8:11

Tgt Ion:228 Resp: 23486

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	27.6	15.8	23.6#

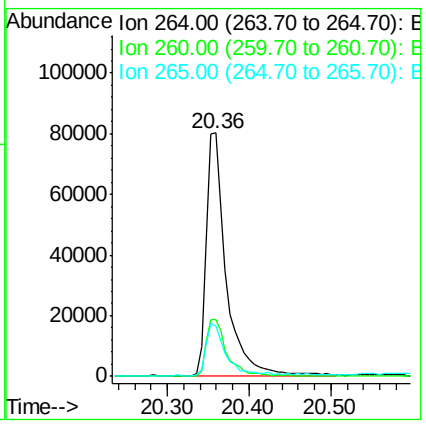




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. 0.01 min
Lab File: BF095490.D
Acq: 27 May 2017 8:11

Tgt Ion:264 Resp: 136668

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.5	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
E2-S10-BASE

Manual Integrations APPROVED
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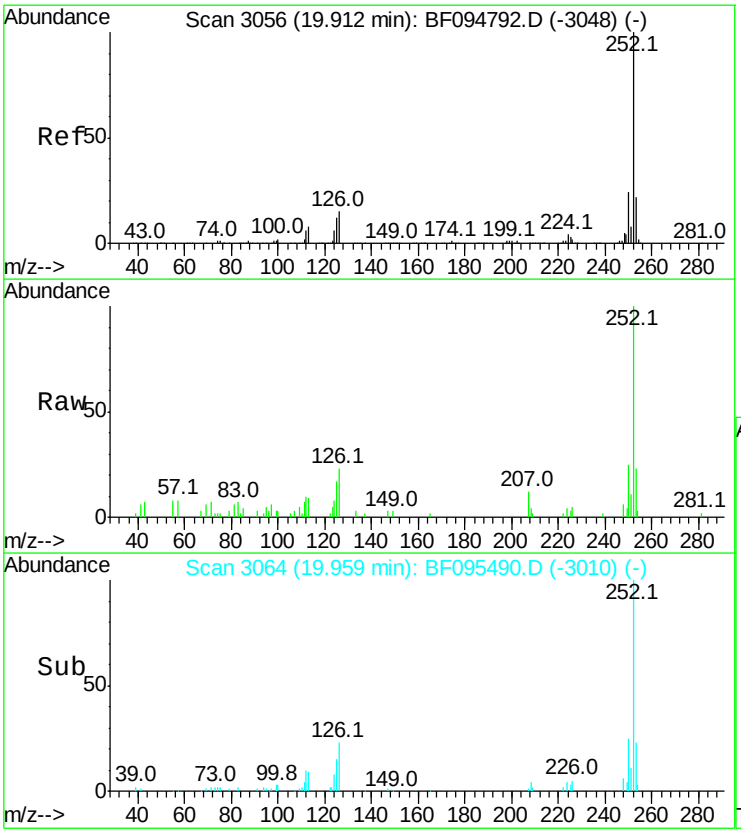
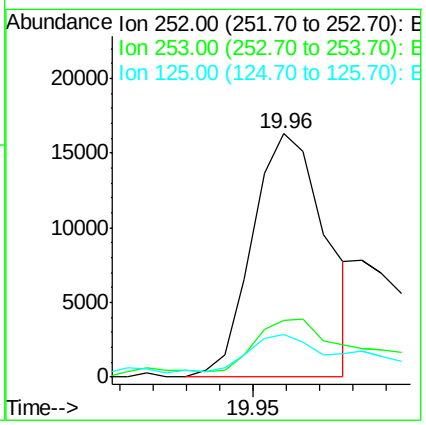
5/30/2017 1:37:25 PM

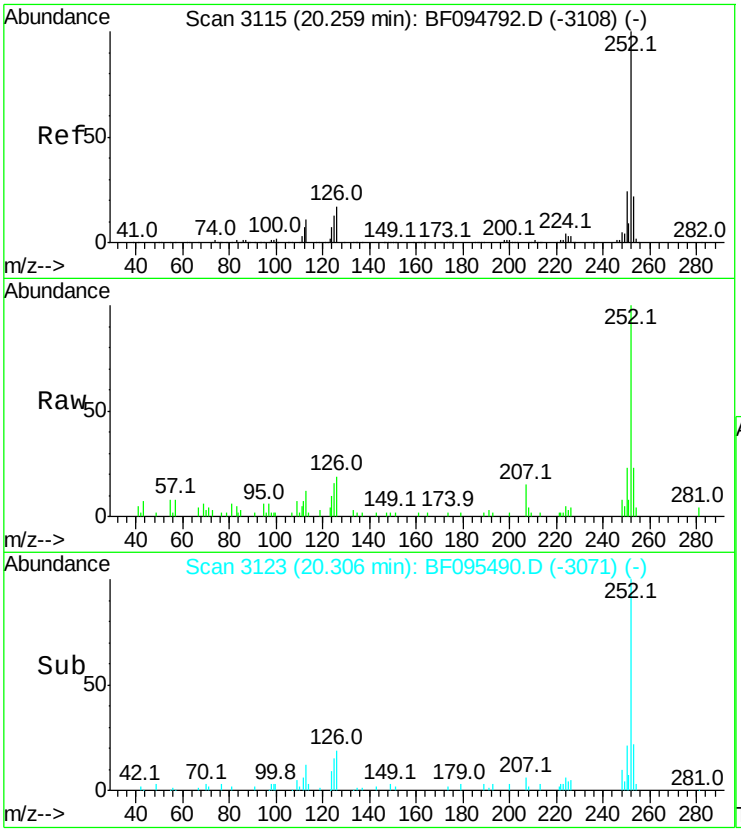


#87
Benzo(b)fluoranthene
Concen: 2.96 ng m
RT: 19.96 min Scan# 3064
Delta R.T. 0.02 min
Lab File: BF095490.D
Acq: 27 May 2017 8:11

Tgt Ion:252 Resp: 24994

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	17.4	9.8	14.8#

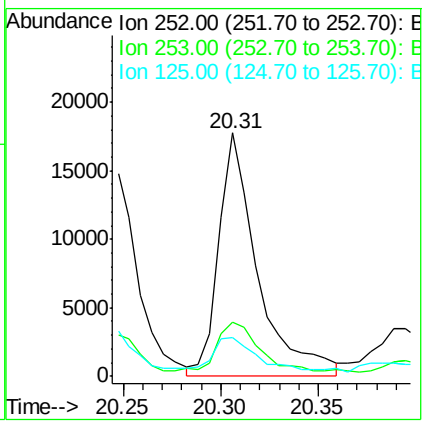




#89
Benzo(a)pyrene
Concen: 3.16 ng
RT: 20.31 min Scan# 3123
Delta R.T. 0.01 min
Lab File: BF095490.D
Acq: 27 May 2017 8:11

Tgt Ion:252 Resp: 24649

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	15.8	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
E2-S10-BASE

Manual Integrations APPROVED
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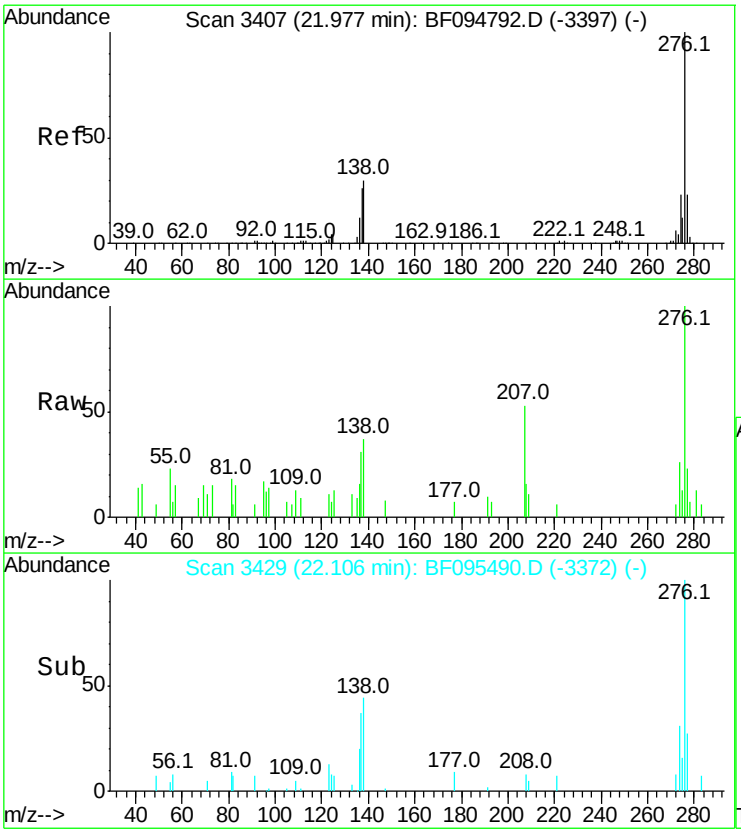
5/30/2017 1:37:25 PM



#91
Benzo(g,h,i)perylene
Concen: 2.71 ng
RT: 22.11 min Scan# 3429
Delta R.T. 0.04 min
Lab File: BF095490.D
Acq: 27 May 2017 8:11

Tgt Ion:276 Resp: 17136

Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.6	28.0
138	36.7	25.4	38.0