Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
Data File : BF095515.D
Acq On : 28 May 2017 1:01
Operator : SJ/MA
Sample : I3244-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM13-COMP-0-6

Manual Integrations APPROVED
mohammad
5/31/2017 1:03:37 PM

Quant Time: May 29 03:03:02 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	97276	20.00	ng		0.00
21) Naphthalene-d8	9.77	136	382834	20.00	ng		0.00
38) Acenaphthene-d10	12.59	164	166872	20.00	ng		0.00
63) Phenanthrene-d10	15.00	188	241140	20.00	ng		0.00
75) Chrysene-d12	18.68	240	202556	20.00	ng		0.00
86) Perylene-d12	20.35	264	155741	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	608178	104.24	ng		0.00
7) Phenol-d6	7.28	99	748410	106.91	ng		-0.01
23) Nitrobenzene-d5	8.64	82	417694	68.80	ng		-0.01
41) 2,4,6-Tribromophenol	13.90	330	119467	87.42	ng		0.00
44) 2-Fluorobiphenyl	11.53	172	668949	57.70	ng		0.00
78) Terphenyl-d14	17.31	244	358549	38.99	ng		-0.01
Target Compounds							Qvalue
49) Dimethylphthalate	12.24	163	106801	7.80	ng		99
70) Phenanthrene	15.05	178	33601	2.43	ng		96
74) Fluoranthene	16.79	202	64797	4.56	ng		99
77) Pyrene	17.09	202	53769	3.55	ng		94
80) Benzo(a)anthracene	18.67	228	30222	2.56	ng		98
82) Chrysene	18.71	228	32967	2.89	ng		95
87) Benzo(b)fluoranthene	19.95	252	36330m	3.78	ng		
89) Benzo(a)pyrene	20.31	252	23673	2.67	ng		94
91) Benzo(g,h,i)perylene	22.11	276	14525	2.02	ng	#	87

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

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BNA_F
ClientSampleId :
NM13-COMP-0-6

Manual Integrations APPROVED
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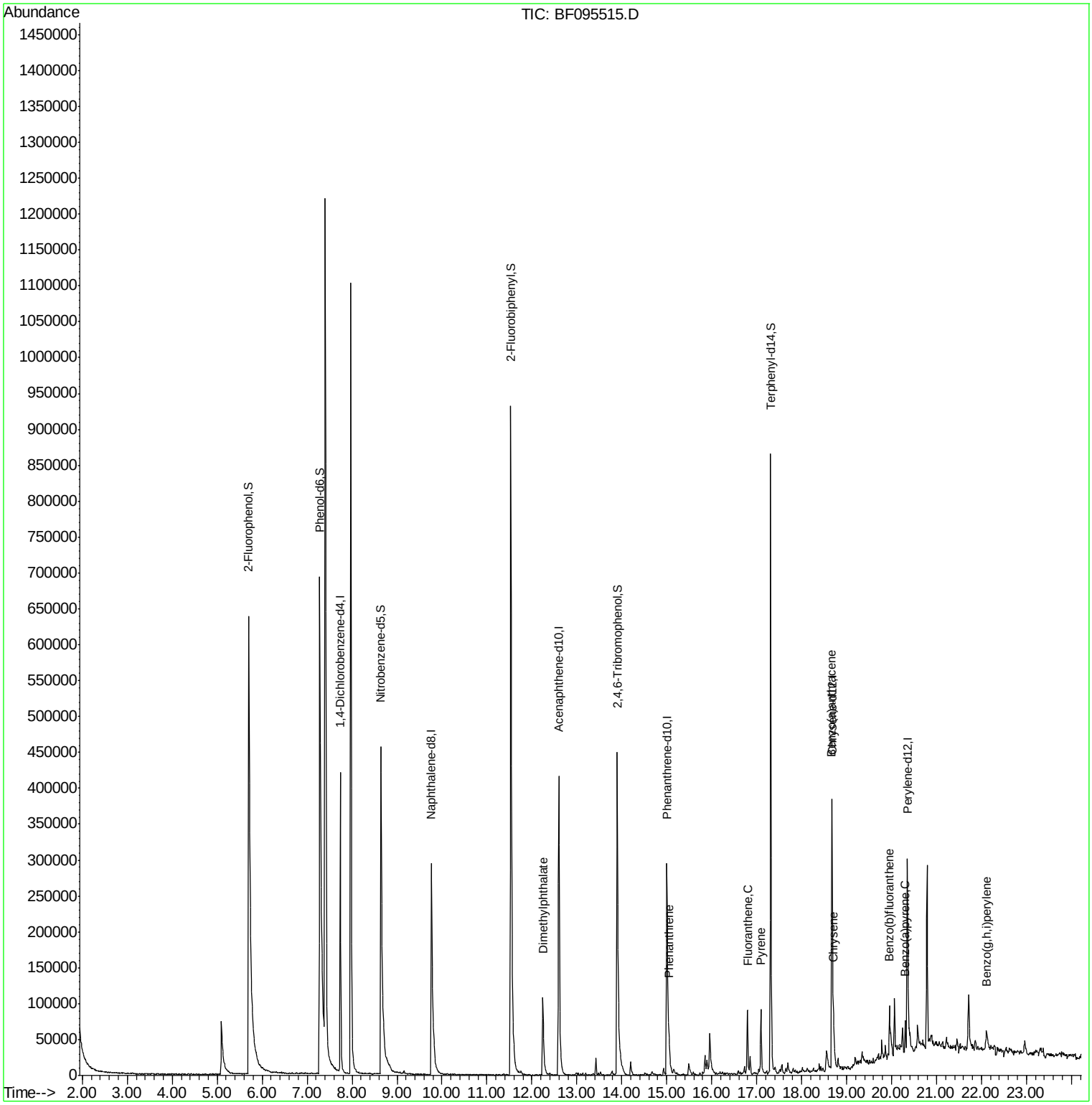
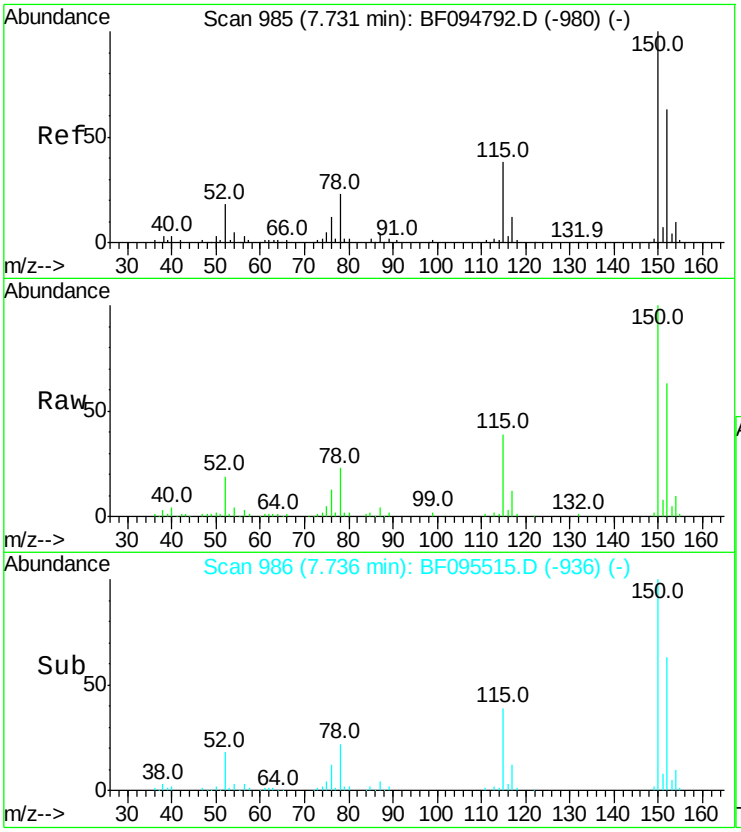
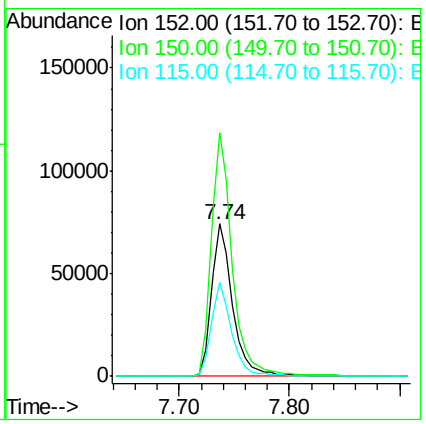




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095515.D
Acq: 28 May 2017 1:01

Tgt Ion:152 Resp: 97276

Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.2	189.2
115	61.6	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
NM13-COMP-0-6

Manual Integrations APPROVED
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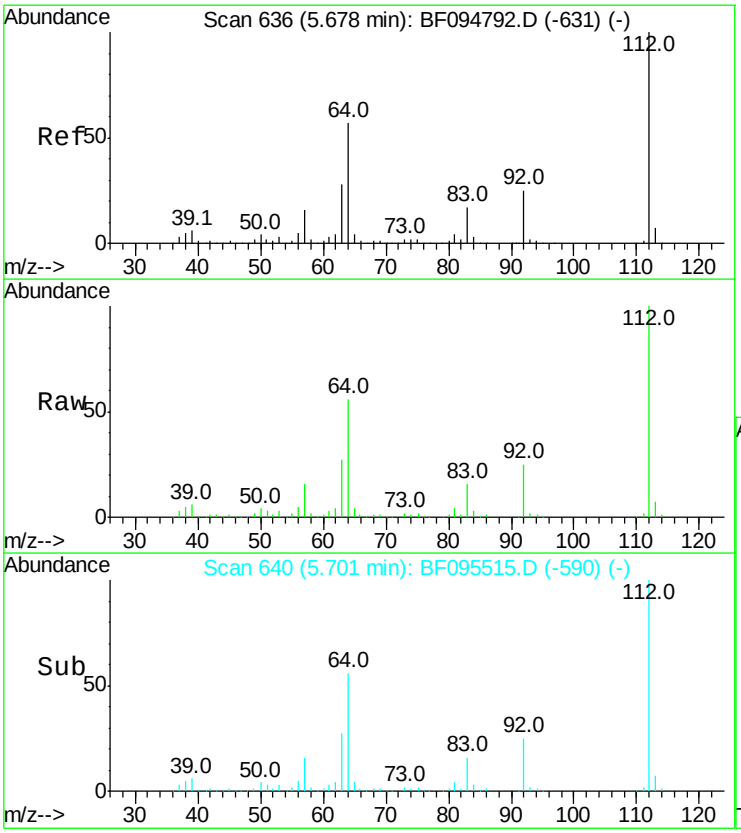
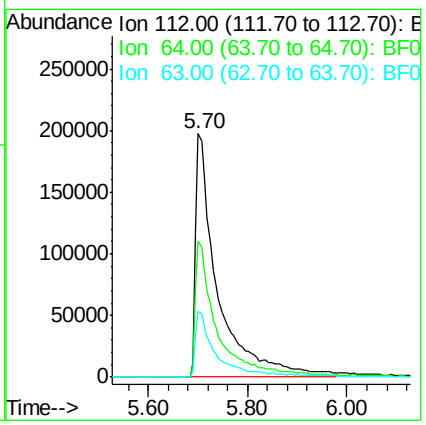
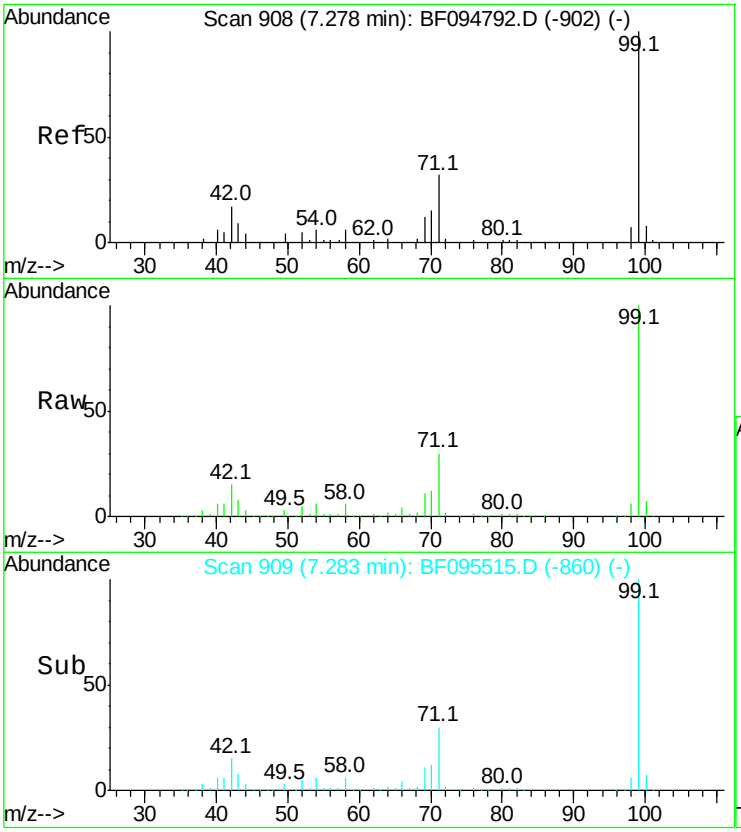


#5
2-Fluorophenol
Concen: 104.24 ng
RT: 5.70 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF095515.D
Acq: 28 May 2017 1:01

Tgt Ion:112 Resp: 608178

Ion	Ratio	Lower	Upper
112	100		
64	56.0	46.0	69.0
63	27.2	23.4	35.0

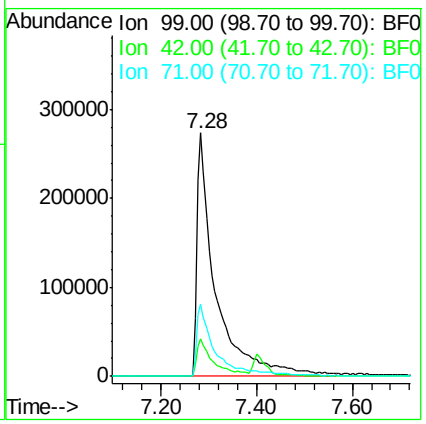




#7
Phenol-d6
Concen: 106.91 ng
RT: 7.28 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF095515.D
Acq: 28 May 2017 1:01

Tgt Ion: 99 Resp: 748410

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.5	20.3
71	29.6	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
NM13-COMP-0-6

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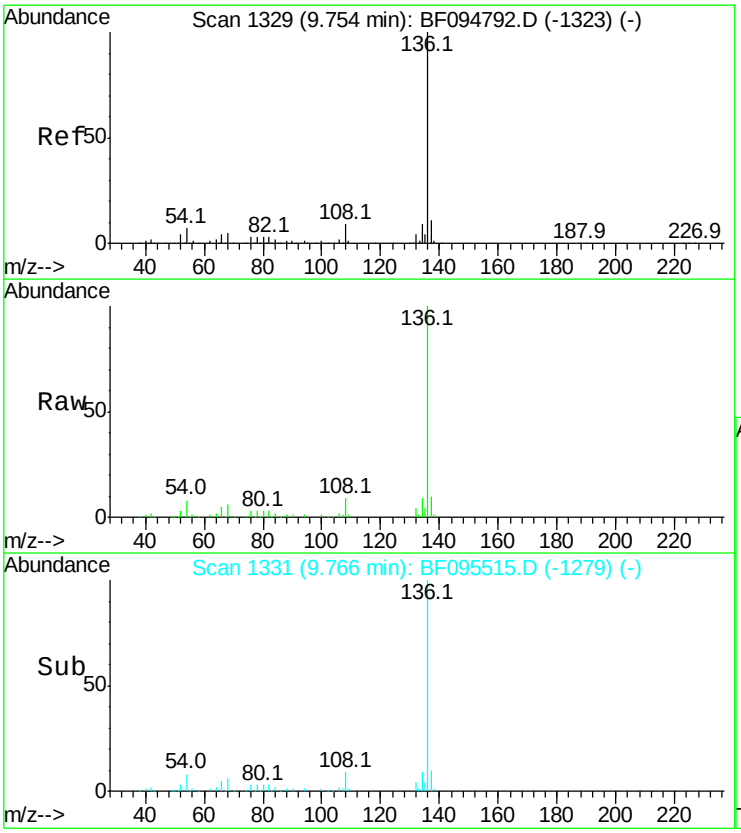
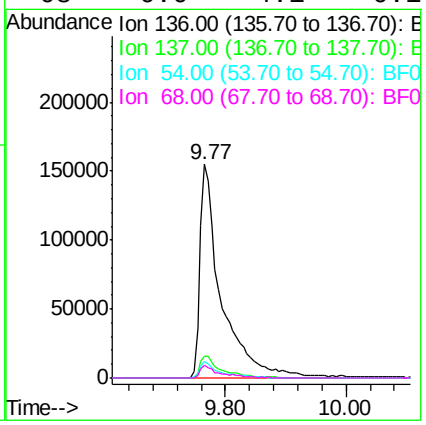
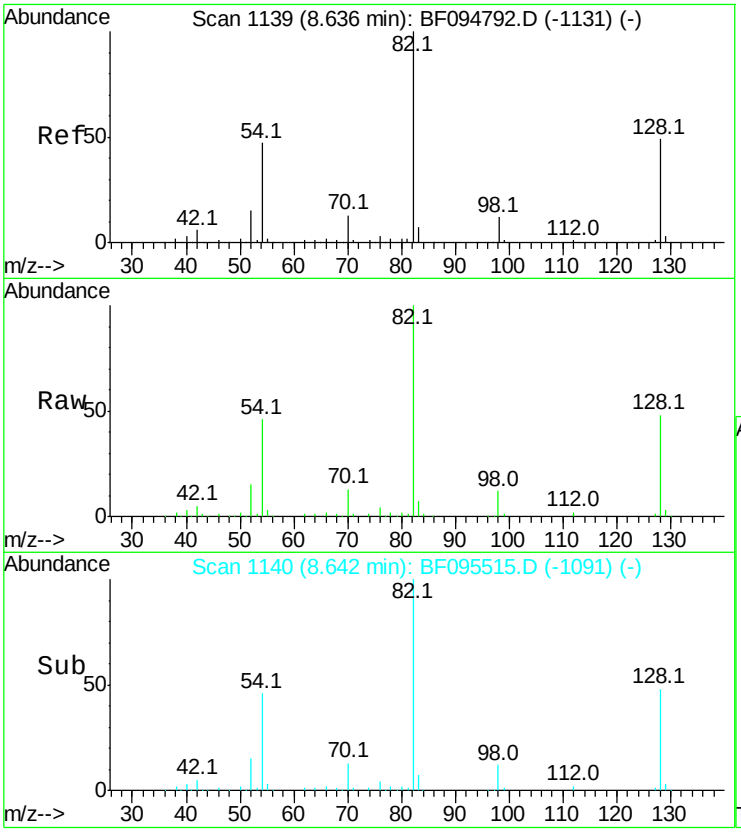


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF095515.D
Acq: 28 May 2017 1:01

Tgt Ion:136 Resp: 382834

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	7.6	4.9	7.3#
68	6.0	4.1	6.1

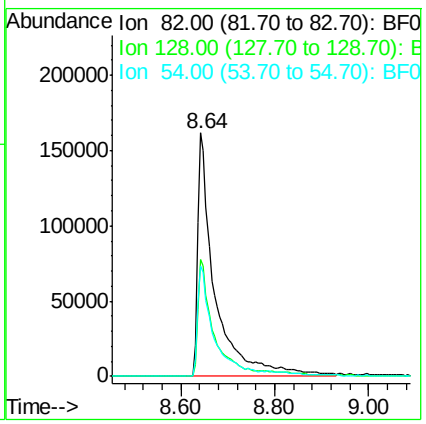




#23
Nitrobenzene-d5
Concen: 68.80 ng
RT: 8.64 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF095515.D
Acq: 28 May 2017 1:01

Tgt Ion: 82 Resp: 417694

Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	45.6	42.2	63.2



Instrument :
BNA_F
ClientSampleId :
NM13-COMP-0-6

Manual Integrations APPROVED
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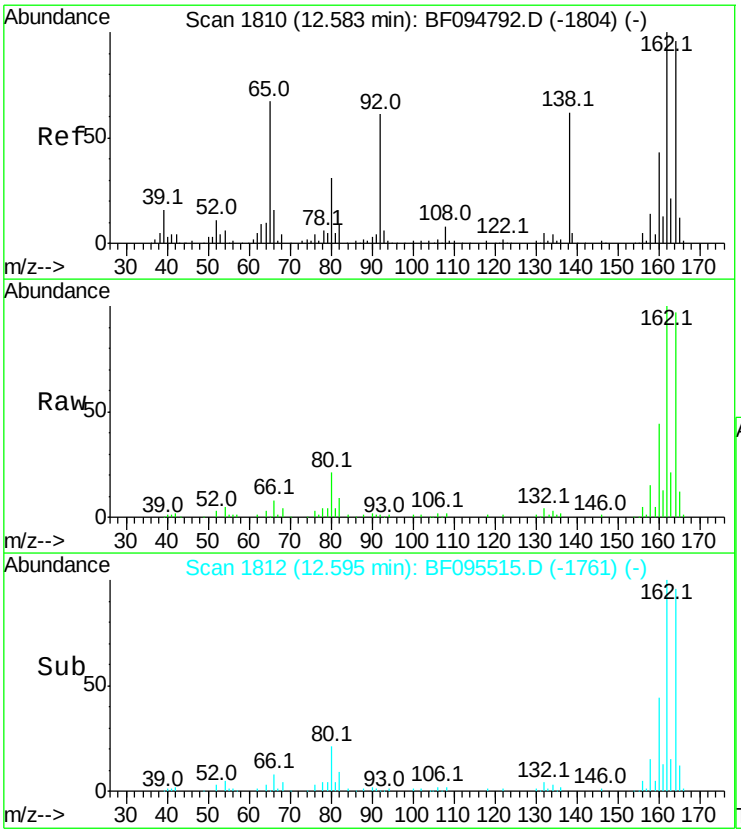
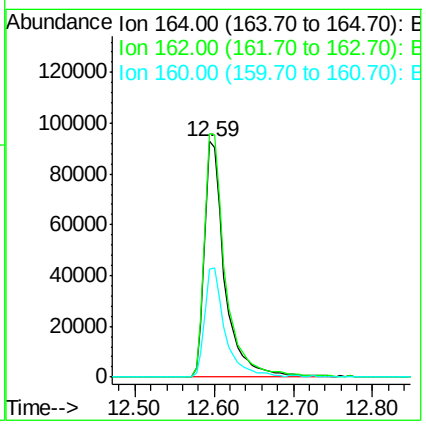
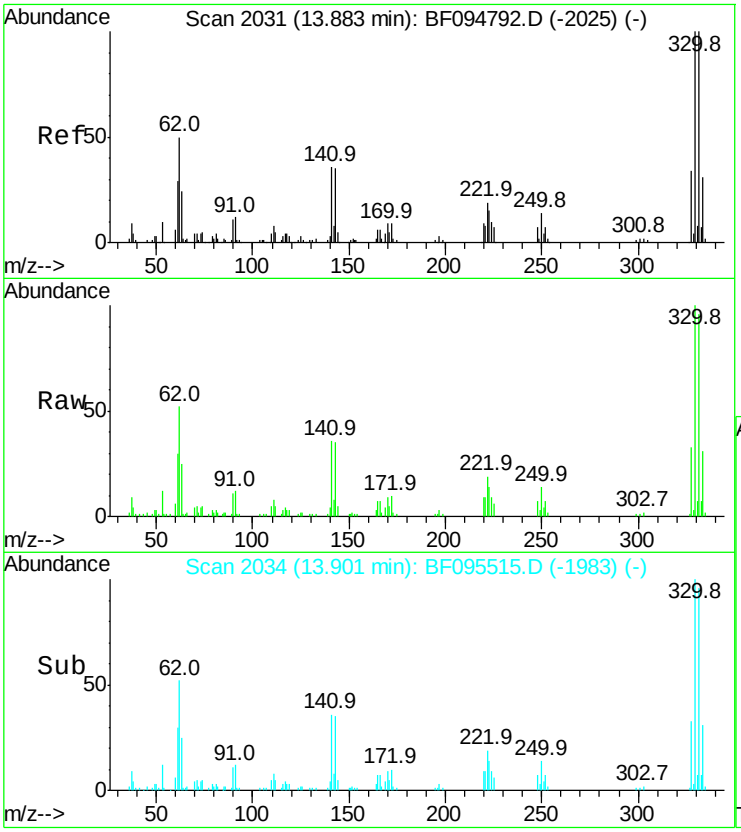


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BF095515.D
Acq: 28 May 2017 1:01

Tgt Ion:164 Resp: 166872

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	45.6	36.2	54.2

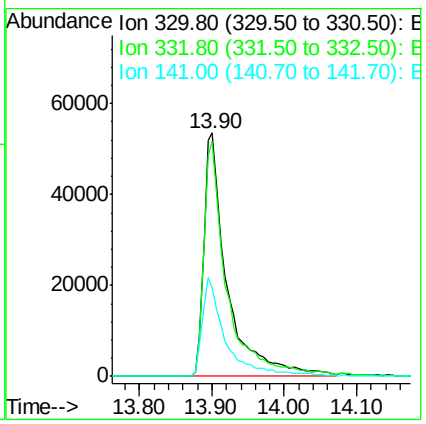




#41
2,4,6-Tribromophenol
Concen: 87.42 ng
RT: 13.90 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF095515.D
Acq: 28 May 2017 1:01

Tgt Ion:330 Resp: 119467

Ion	Ratio	Lower	Upper
330	100		
332	93.4	76.6	115.0
141	40.6	31.4	47.2



Instrument :
BNA_F
ClientSampleId :
NM13-COMP-0-6

Manual Integrations APPROVED
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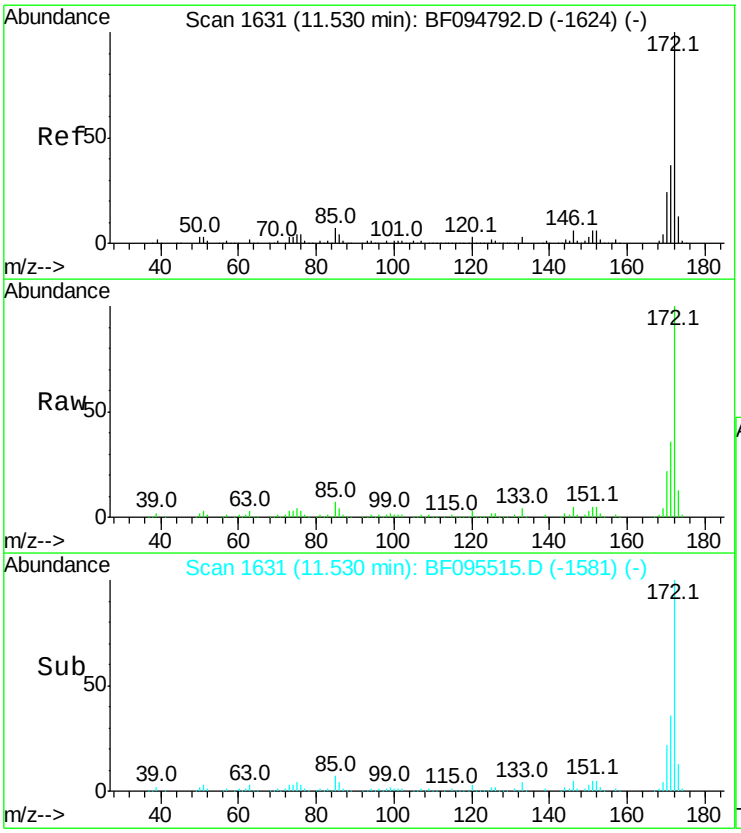
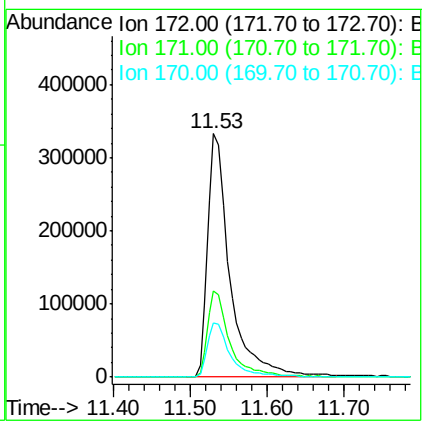
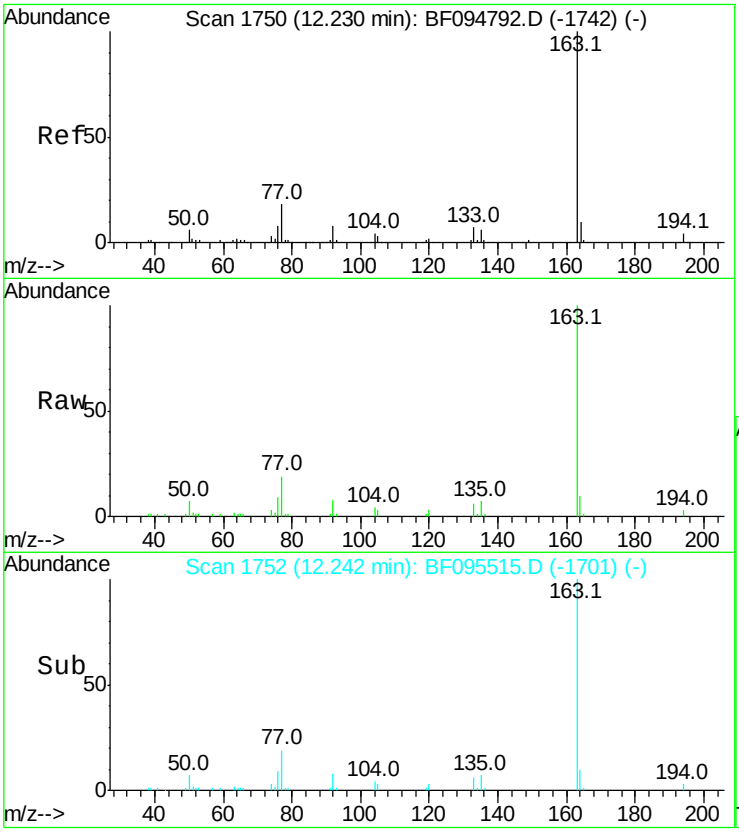


#44
2-Fluorobiphenyl
Concen: 57.70 ng
RT: 11.53 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BF095515.D
Acq: 28 May 2017 1:01

Tgt Ion:172 Resp: 668949

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	22.2	19.8	29.8

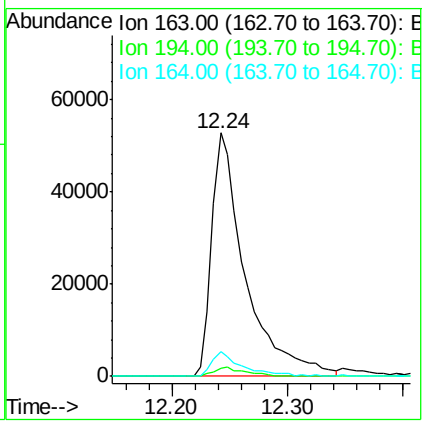




#49
Dimethylphthalate
Concen: 7.80 ng
RT: 12.24 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BF095515.D
Acq: 28 May 2017 1:01

Tgt Ion:163 Resp: 106801

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.9	8.4	12.6



Instrument :
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ClientSampleId :
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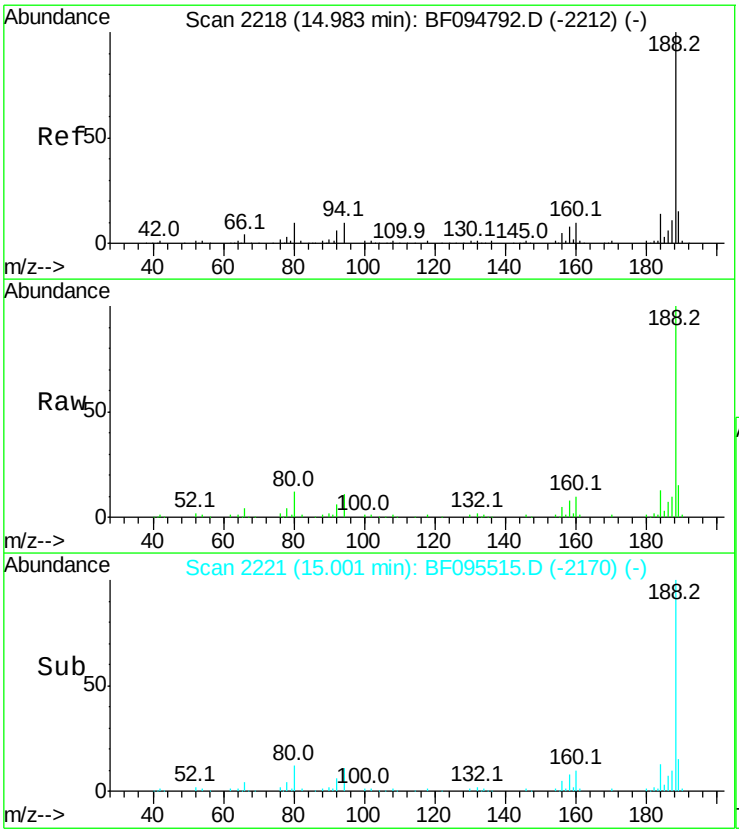
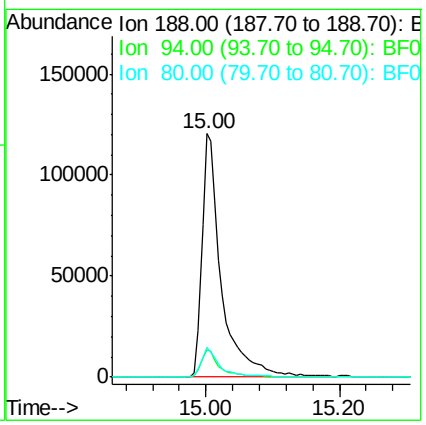
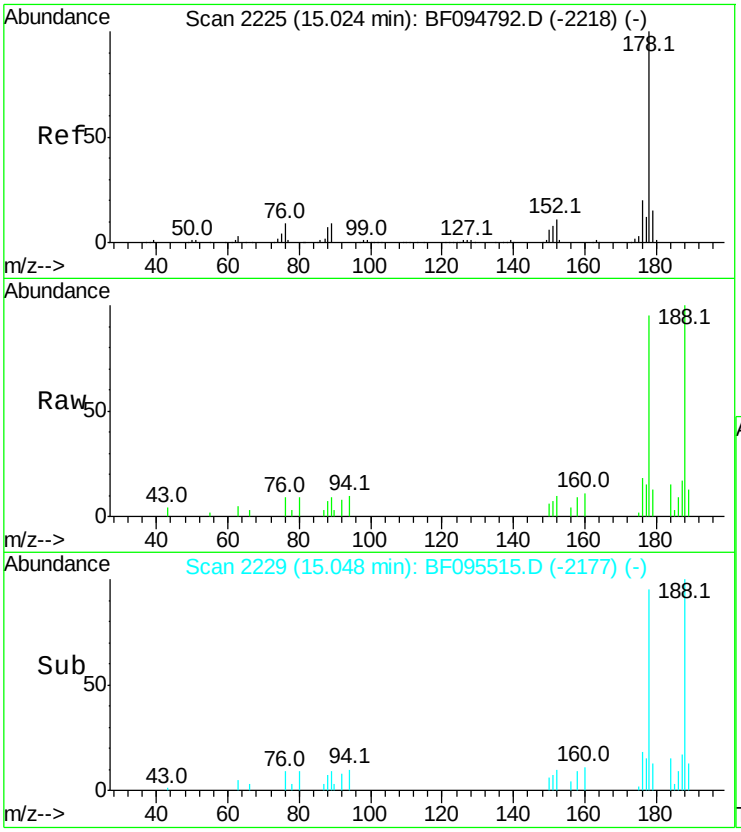


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF095515.D
Acq: 28 May 2017 1:01

Tgt Ion:188 Resp: 241140

Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	12.3	10.2	15.2

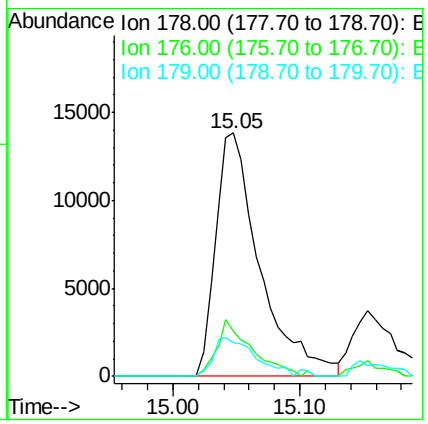




#70
Phenanthrene
Concen: 2.43 ng
RT: 15.05 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF095515.D
Acq: 28 May 2017 1:01

Tgt Ion:178 Resp: 33601

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	13.8	12.6	19.0



Instrument :
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ClientSampleId :
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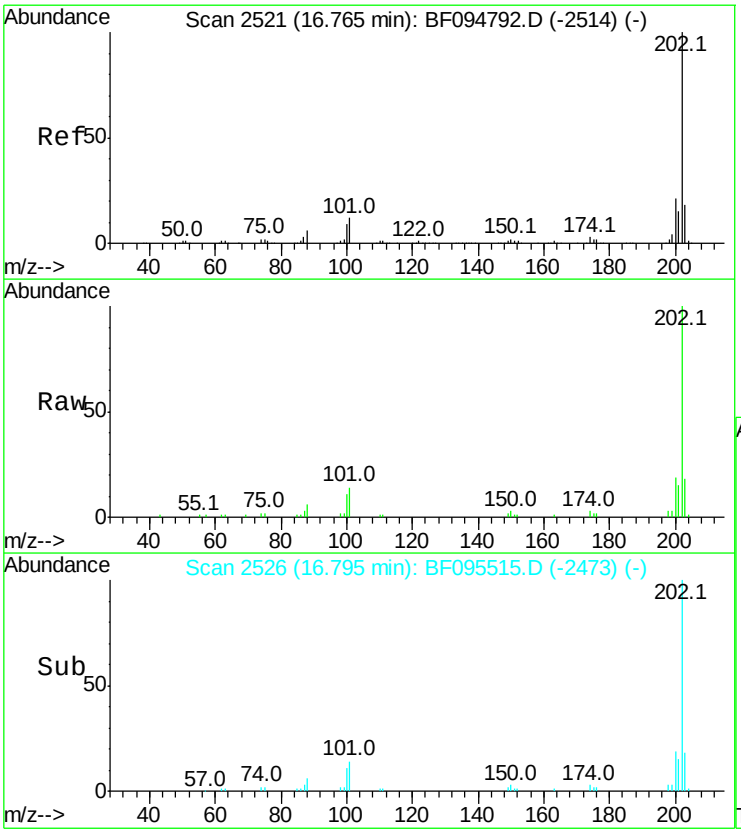
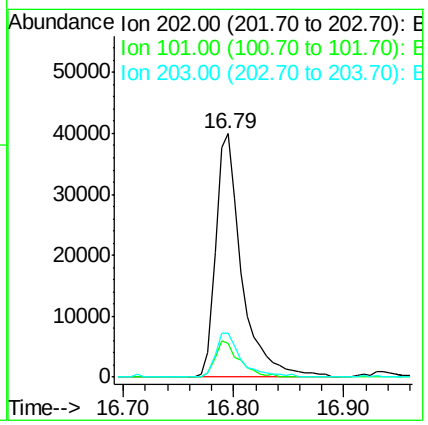
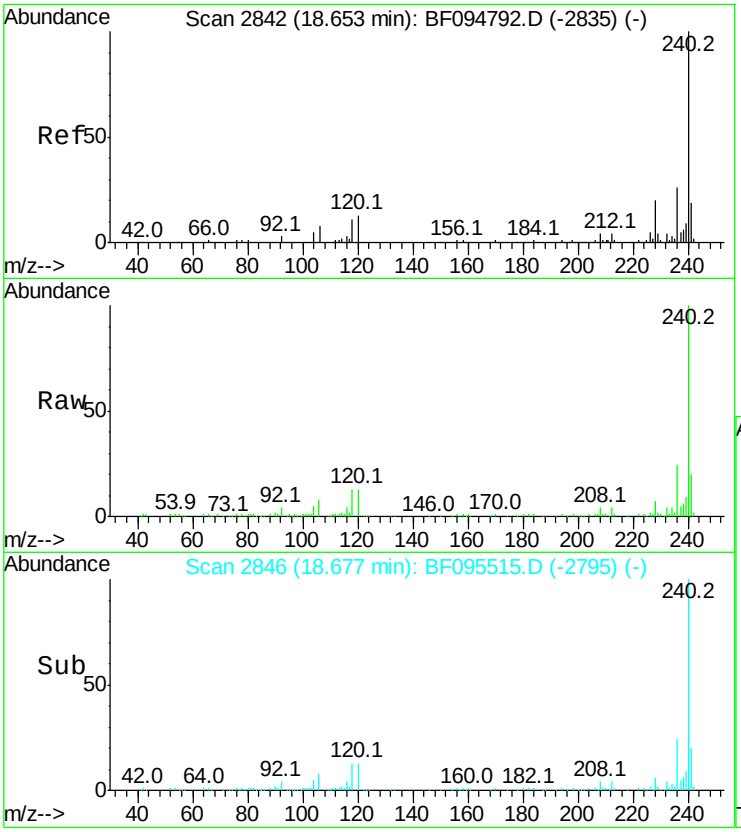


#74
Fluoranthene
Concen: 4.56 ng
RT: 16.79 min Scan# 2526
Delta R.T. 0.01 min
Lab File: BF095515.D
Acq: 28 May 2017 1:01

Tgt Ion:202 Resp: 64797

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	18.2	0.0	38.1

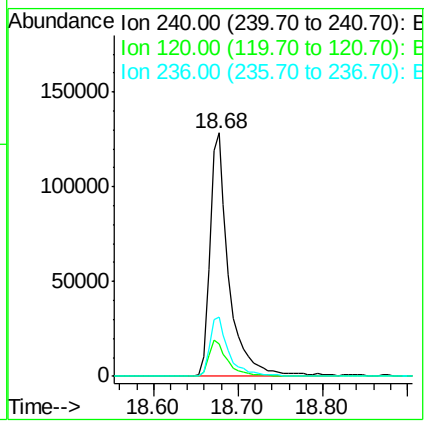




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BF095515.D
Acq: 28 May 2017 1:01

Tgt Ion:240 Resp: 202556

Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.8	8.8#
236	24.2	20.5	30.7



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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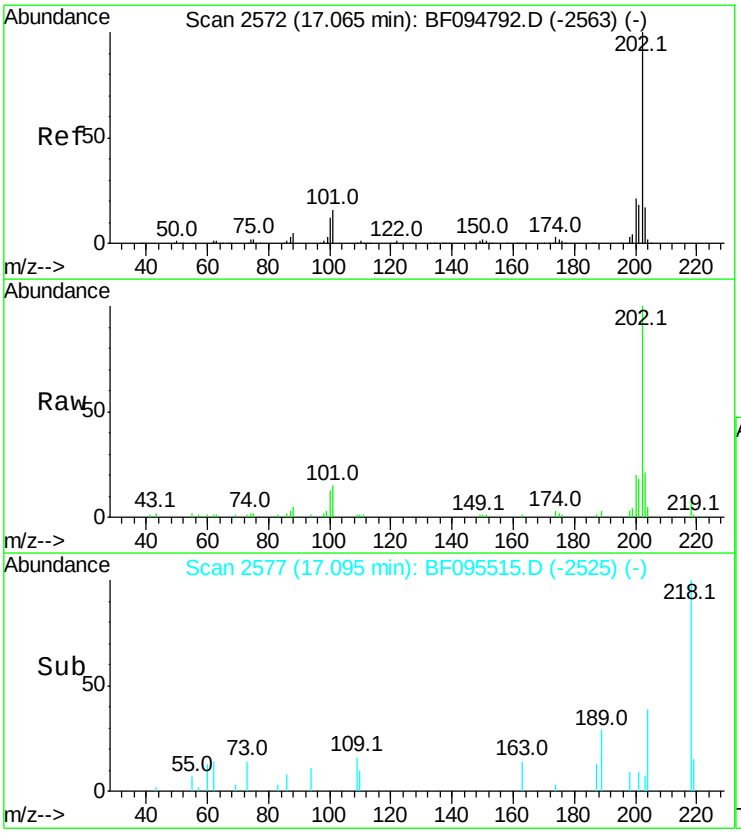
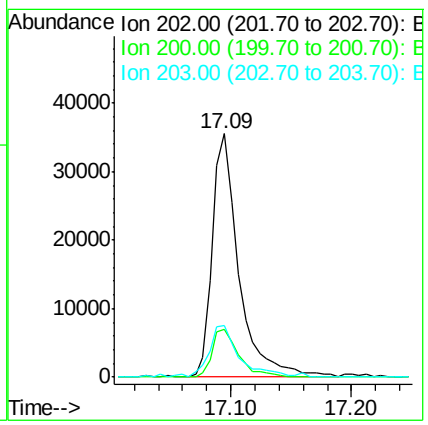
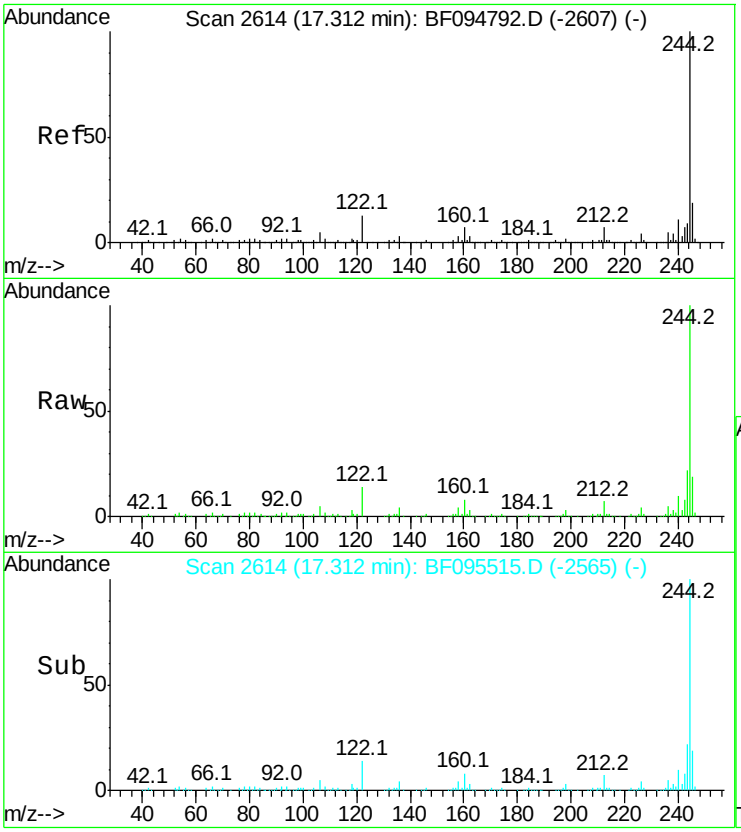


#77
Pyrene
Concen: 3.55 ng
RT: 17.09 min Scan# 2577
Delta R.T. 0.01 min
Lab File: BF095515.D
Acq: 28 May 2017 1:01

Tgt Ion:202 Resp: 53769

Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.6	26.4
203	21.0	14.4	21.6





#78
Terphenyl-d14
Concen: 38.99 ng
RT: 17.31 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BF095515.D
Acq: 28 May 2017 1:01

Tgt Ion:244 Resp: 358549

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.6	10.3	15.5

Instrument :
BNA_F
ClientSampleId :
NM13-COMP-0-6

Manual Integrations APPROVED
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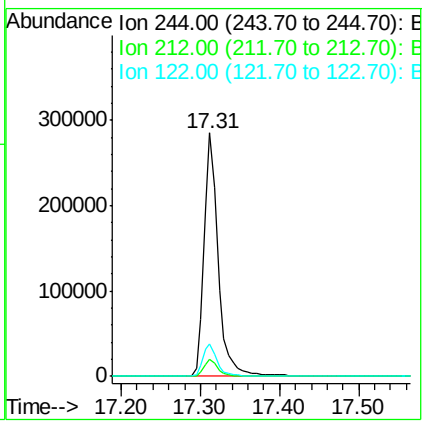
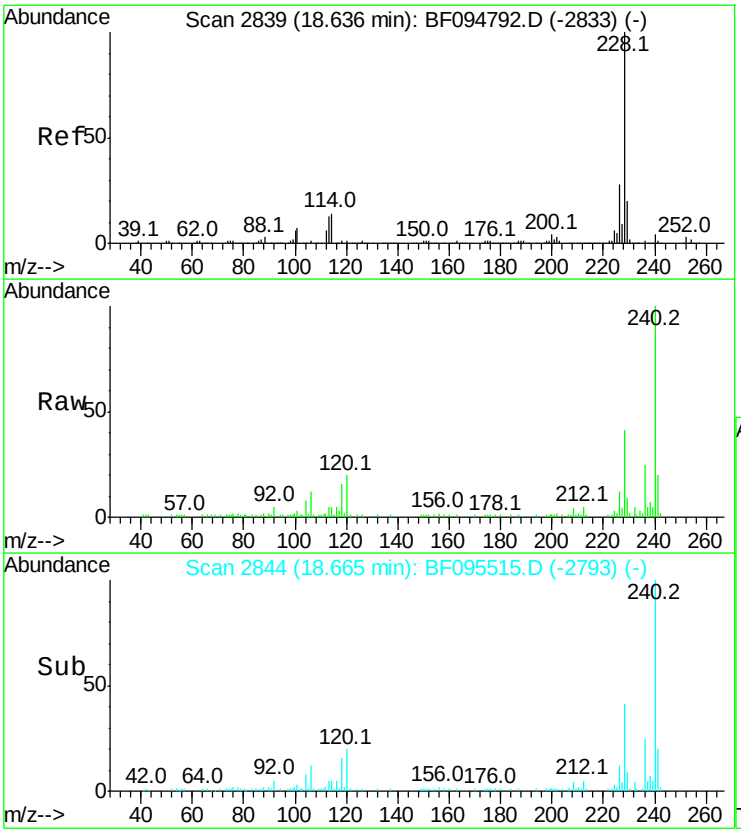
5/31/2017 1:03:37 PM

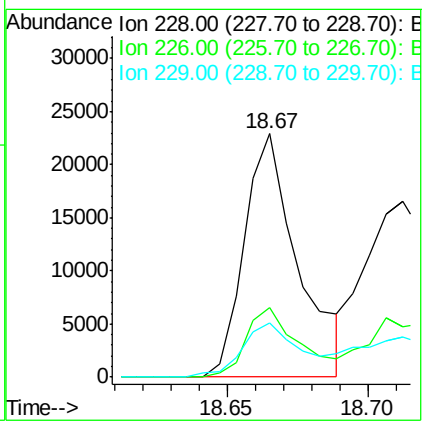


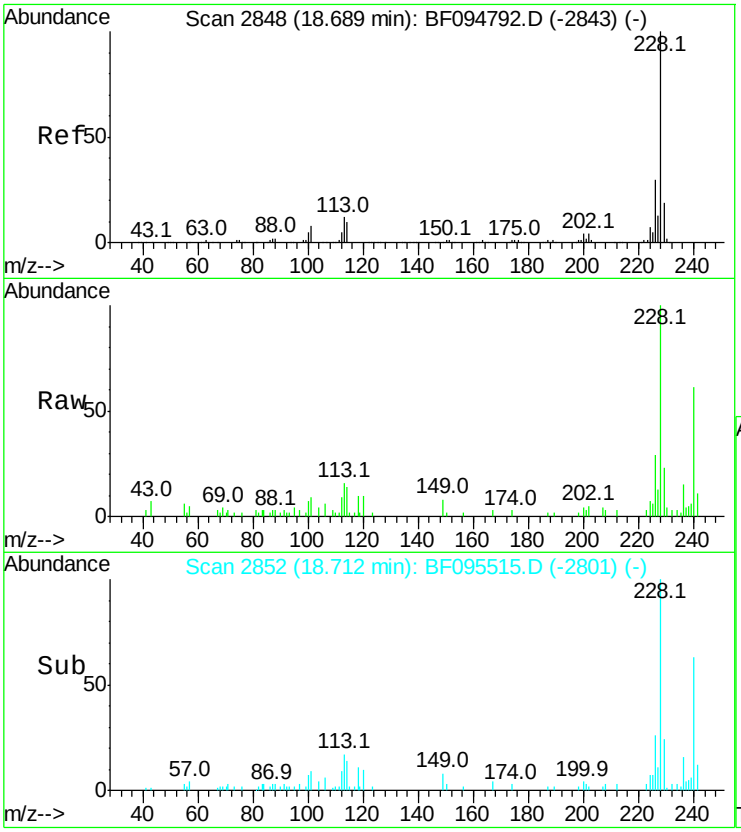


#80
Benzo(a)anthracene
Concen: 2.56 ng
RT: 18.67 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BF095515.D
Acq: 28 May 2017 1:01

Tgt Ion:228 Resp: 30222

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	22.1	16.3	24.5

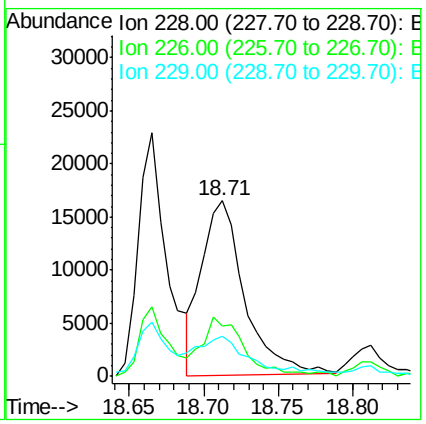




#82
Chrysene
Concen: 2.89 ng
RT: 18.71 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BF095515.D
Acq: 28 May 2017 1:01

Tgt Ion:228 Resp: 32967

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.9	37.3
229	23.1	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
NM13-COMP-0-6

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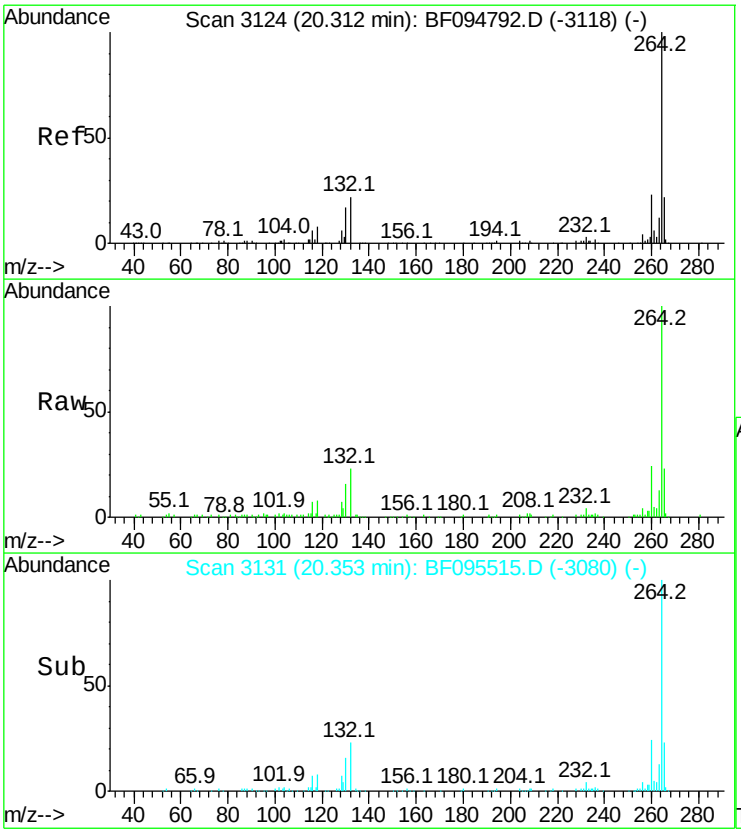
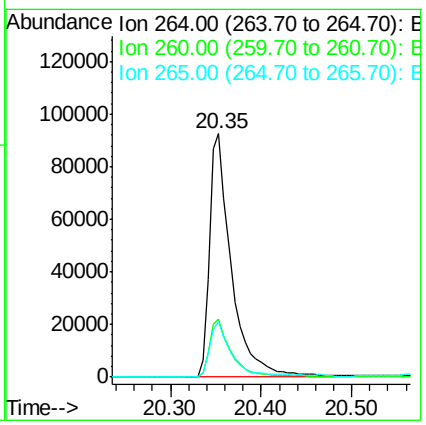
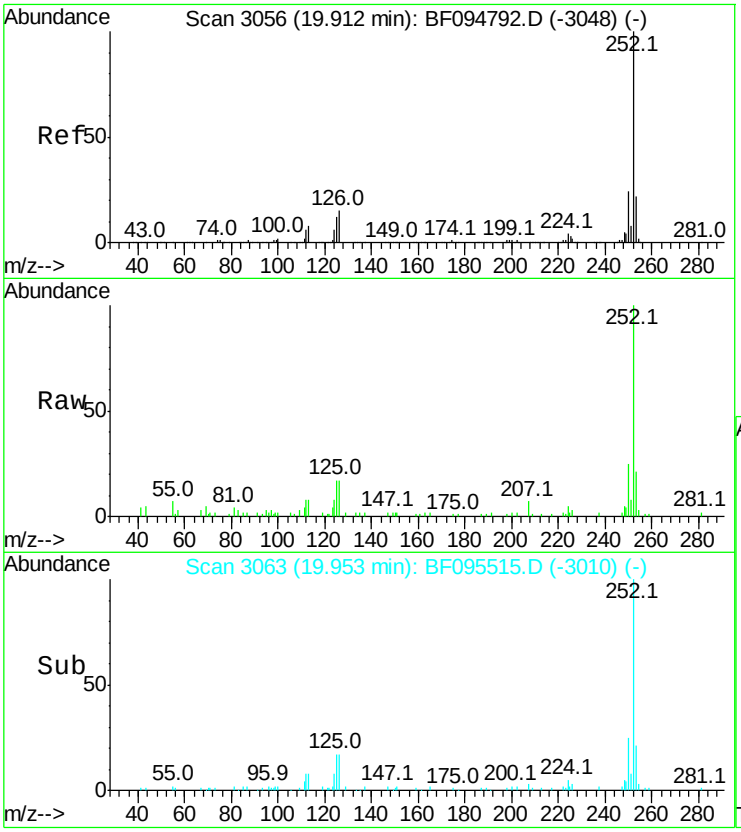


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BF095515.D
Acq: 28 May 2017 1:01

Tgt Ion:264 Resp: 155741

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.5	17.2	25.8





#87
Benzo(b)fluoranthene
Concen: 3.78 ng m
RT: 19.95 min Scan# 3063
Delta R.T. 0.01 min
Lab File: BF095515.D
Acq: 28 May 2017 1:01

Tgt Ion:252 Resp: 36330

Ion	Ratio	Lower	Upper
252	100		
253	20.6	18.1	27.1
125	16.5	9.8	14.8#

Instrument :
BNA_F
ClientSampleId :
NM13-COMP-0-6

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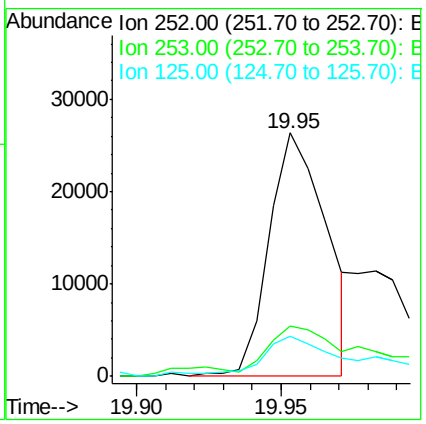
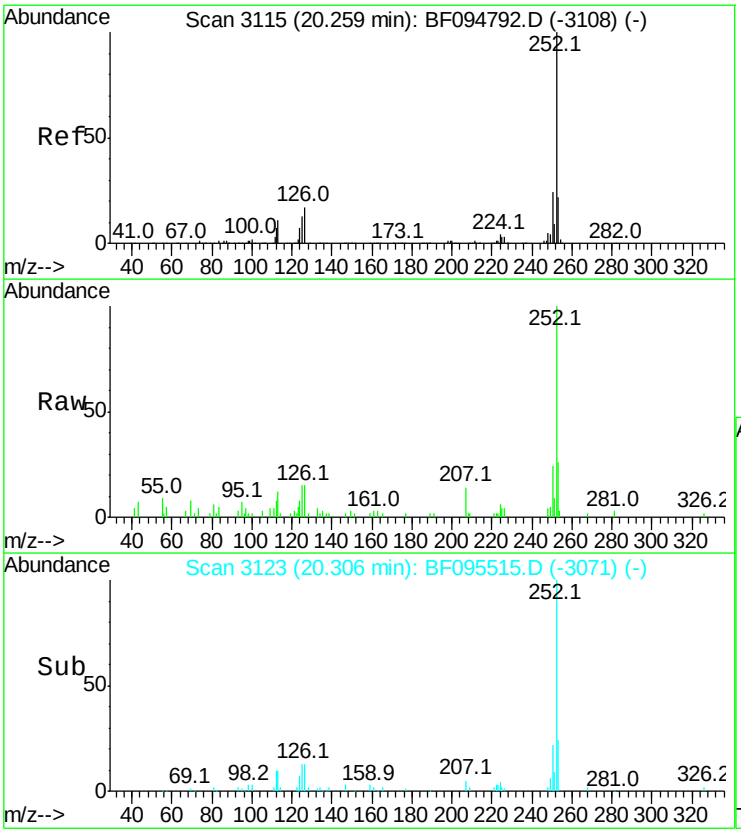
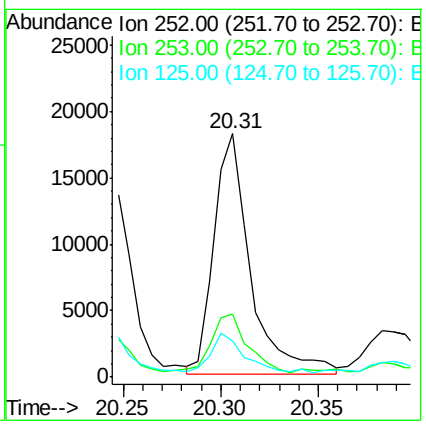


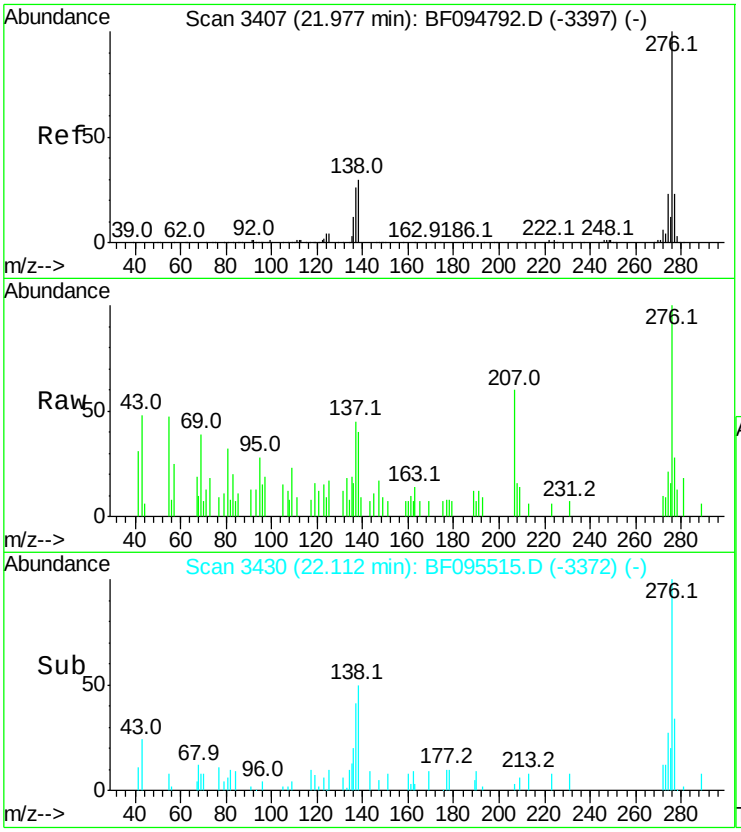


#89
Benzo(a)pyrene
Concen: 2.67 ng
RT: 20.31 min Scan# 3123
Delta R.T. 0.01 min
Lab File: BF095515.D
Acq: 28 May 2017 1:01

Tgt Ion:252 Resp: 23673

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.5	26.3
125	14.8	11.0	16.4

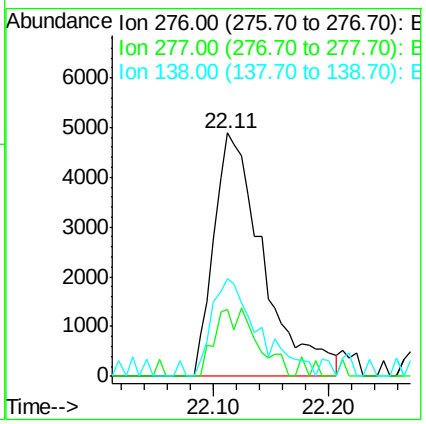




#91
Benzo(g,h,i)perylene
Concen: 2.02 ng
RT: 22.11 min Scan# 3430
Delta R.T. 0.04 min
Lab File: BF095515.D
Acq: 28 May 2017 1:01

Tgt Ion:276 Resp: 14525

Ion	Ratio	Lower	Upper
276	100		
277	27.6	18.6	28.0
138	40.2	25.4	38.0#



Instrument :
BNA_F
ClientSampleId :
NM13-COMP-0-6

Manual Integrations APPROVED
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