Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095579.D
Acq On : 31 May 2017 23:21
Operator : SJ/MA
Sample : I3341-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM1-COMP-0-6

Manual Integrations APPROVED
mohammad
6/1/2017 2:20:38 PM

Quant Time: Jun 01 07:03:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 04:09:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	89959	20.00	ng		0.00
21) Naphthalene-d8	9.58	136	359787	20.00	ng		0.00
38) Acenaphthene-d10	12.41	164	170345	20.00	ng		0.00
63) Phenanthrene-d10	14.81	188	245095	20.00	ng		0.00
75) Chrysene-d12	18.51	240	206130	20.00	ng		0.00
86) Perylene-d12	20.18	264	173807	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	614292	113.85	ng		0.00
7) Phenol-d6	7.11	99	748282	115.58	ng		0.00
23) Nitrobenzene-d5	8.47	82	427049	74.85	ng		0.00
41) 2,4,6-Tribromophenol	13.71	330	137024	98.22	ng		0.00
44) 2-Fluorobiphenyl	11.36	172	746458	63.07	ng		0.00
78) Terphenyl-d14	17.15	244	357498	38.20	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	12.05	163	197062	14.09	ng		99
70) Phenanthrene	14.85	178	38707	2.75	ng		97
74) Fluoranthene	16.61	202	75862	5.25	ng		97
77) Pyrene	16.92	202	63747	4.14	ng		96
80) Benzo(a)anthracene	18.49	228	36894	3.08	ng		95
82) Chrysene	18.54	228	35063	3.02	ng		100
87) Benzo(b)fluoranthene	19.78	252	45337m	4.22	ng		
89) Benzo(a)pyrene	20.13	252	32486	3.28	ng	#	91
91) Benzo(g,h,i)perylene	21.81	276	16105	2.01	ng		97

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

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Instrument :
BNA_F
ClientSampleId :
NM1-COMP-0-6

Manual Integrations APPROVED
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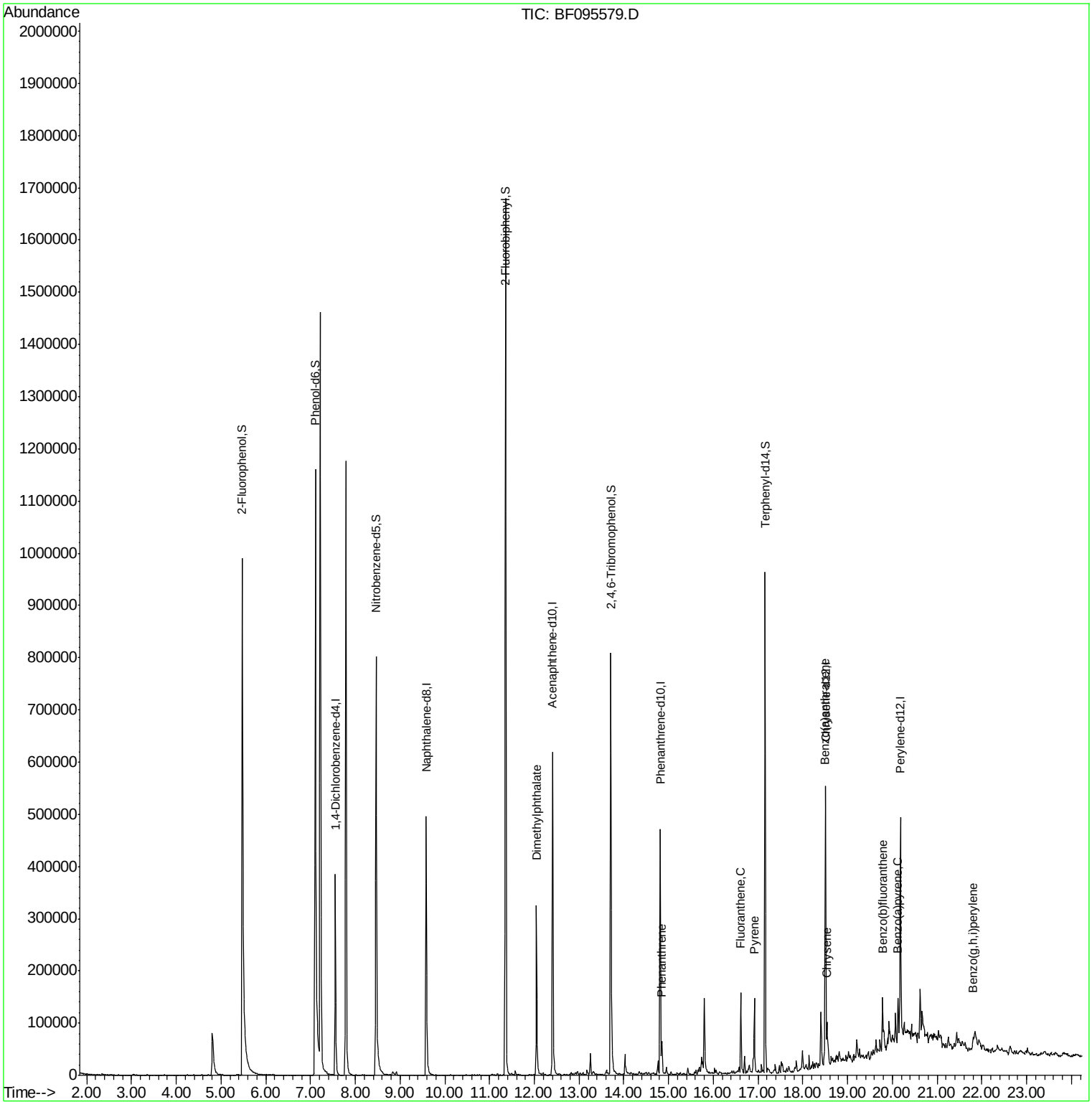
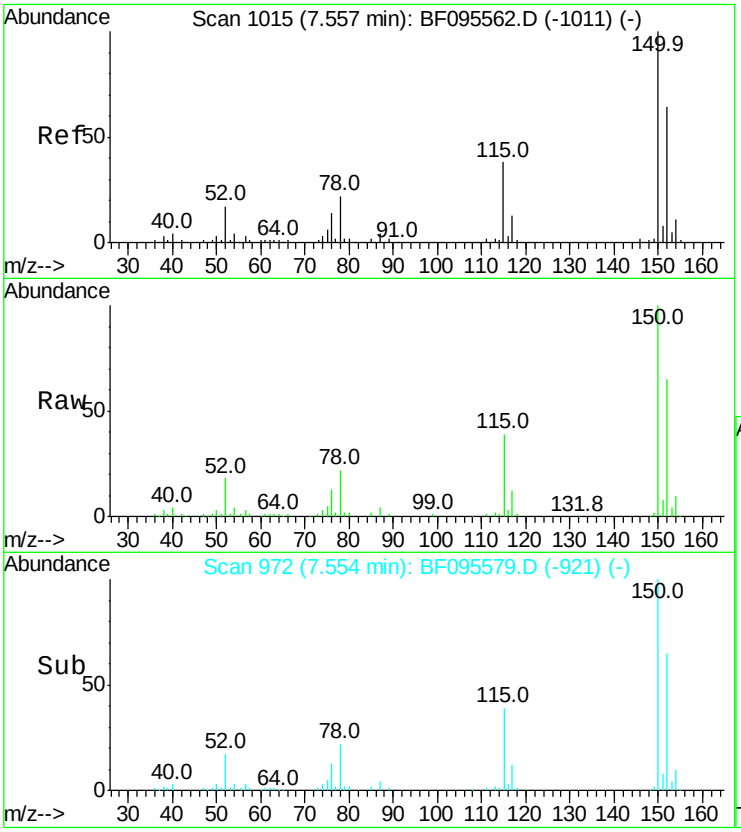
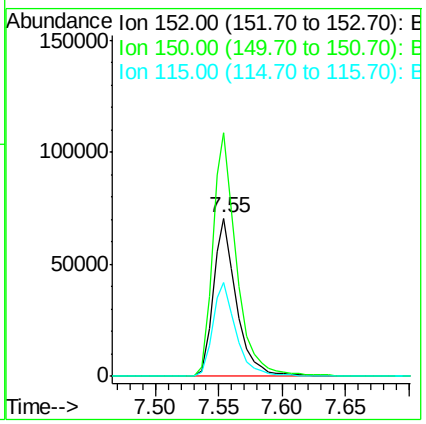




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF095579.D
Acq: 31 May 2017 23:21

Tgt Ion:152 Resp: 89959

Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.2	189.2
115	59.2	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
NM1-COMP-0-6

Manual Integrations APPROVED
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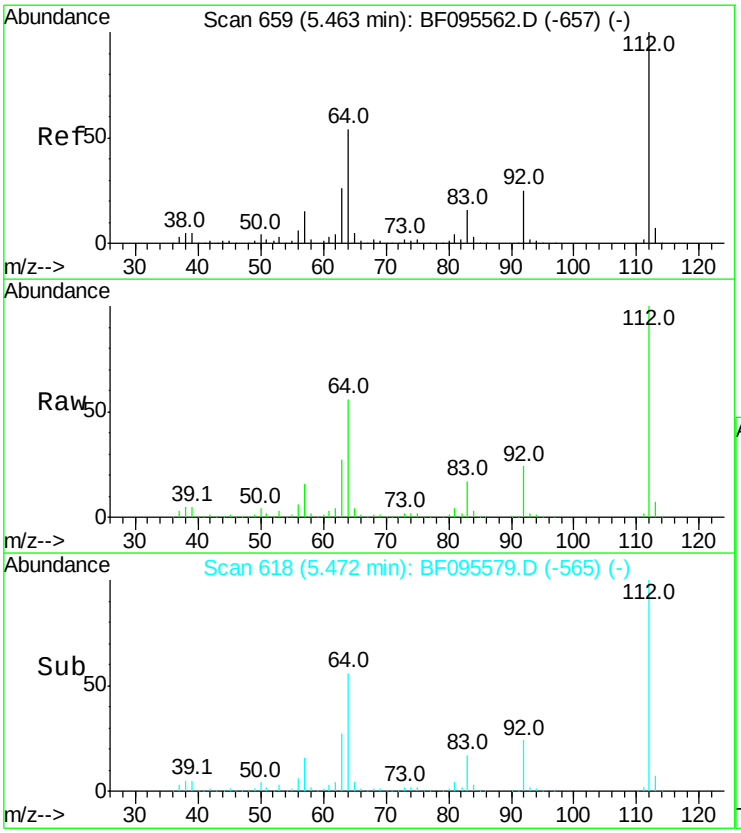
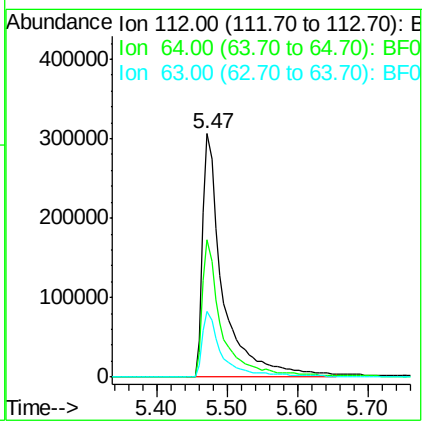
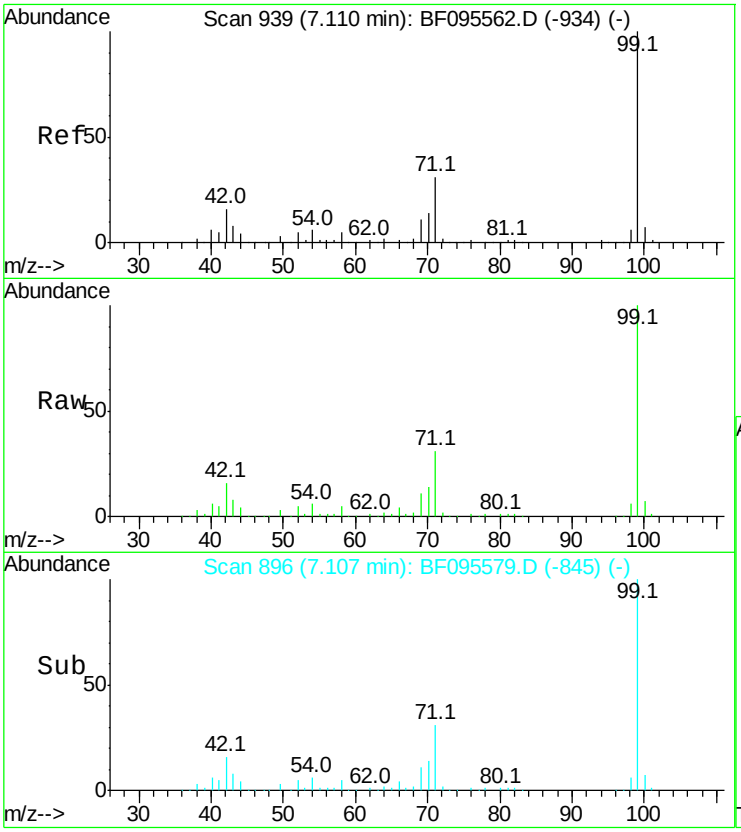


#5
2-Fluorophenol
Concen: 113.85 ng
RT: 5.47 min Scan# 618
Delta R.T. 0.01 min
Lab File: BF095579.D
Acq: 31 May 2017 23:21

Tgt Ion:112 Resp: 614292

Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.0	69.0
63	26.8	23.4	35.0

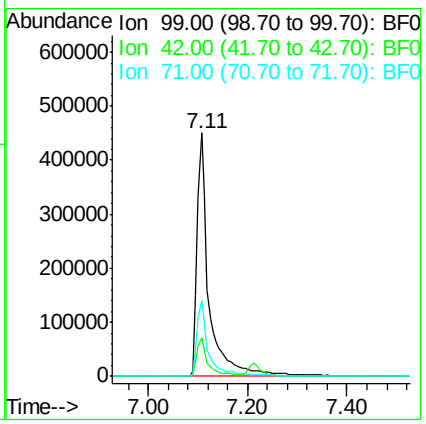




#7
Phenol-d6
Concen: 115.58 ng
RT: 7.11 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF095579.D
Acq: 31 May 2017 23:21

Tgt Ion: 99 Resp: 748282

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	31.4	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
NM1-COMP-0-6

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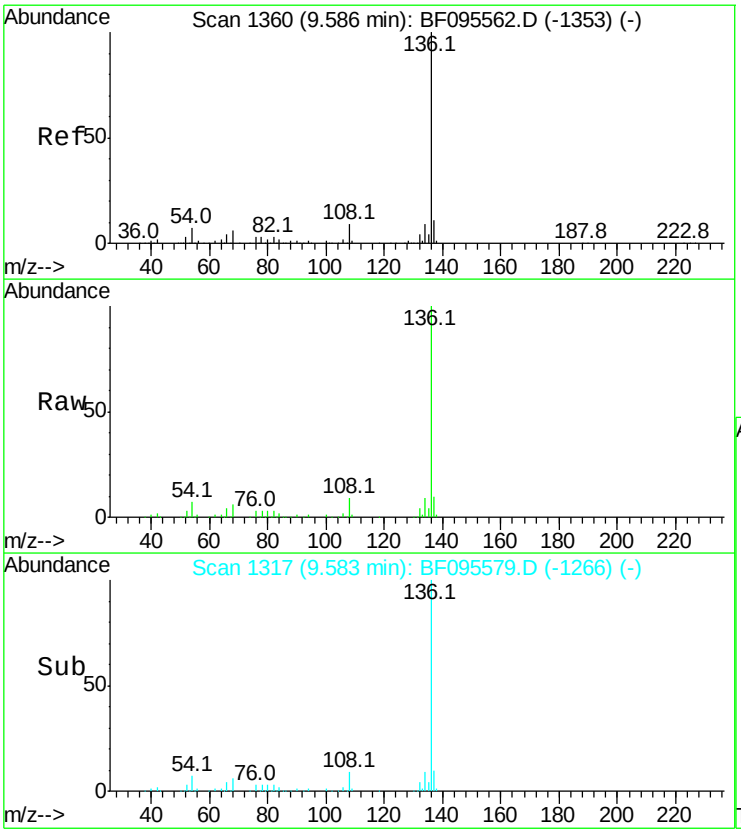
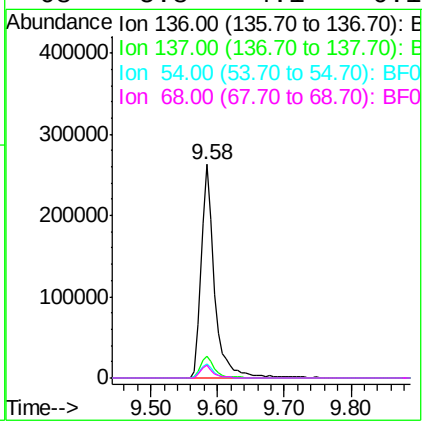
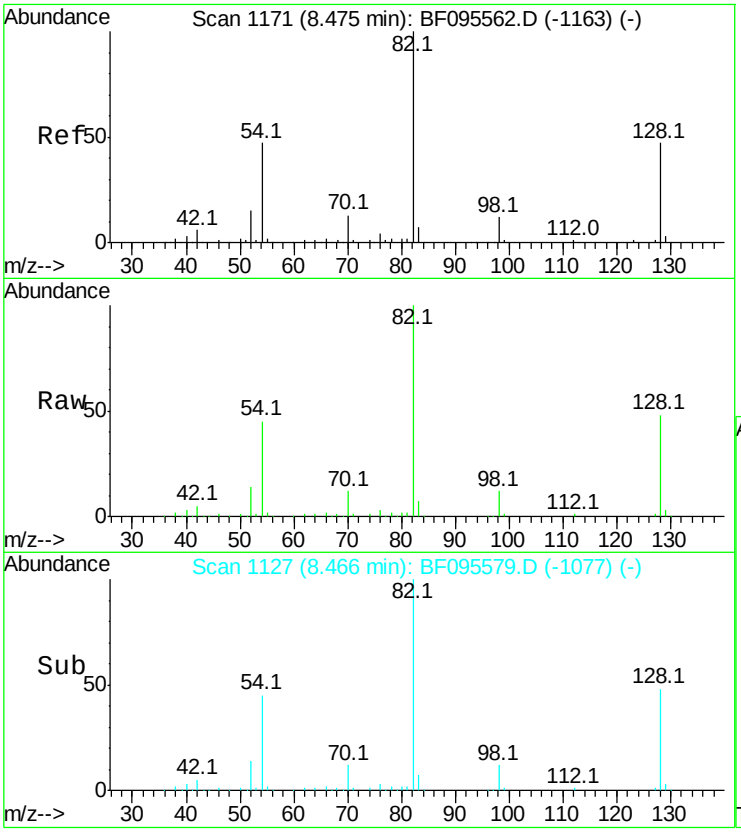


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.58 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF095579.D
Acq: 31 May 2017 23:21

Tgt Ion:136 Resp: 359787

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	6.5	4.9	7.3
68	5.8	4.1	6.1

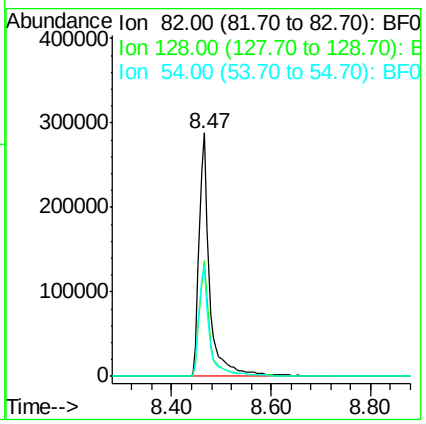




#23
Nitrobenzene-d5
Concen: 74.85 ng
RT: 8.47 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF095579.D
Acq: 31 May 2017 23:21

Tgt Ion: 82 Resp: 427049

Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	45.4	42.2	63.2



Instrument :
BNA_F
ClientSampleId :
NM1-COMP-0-6

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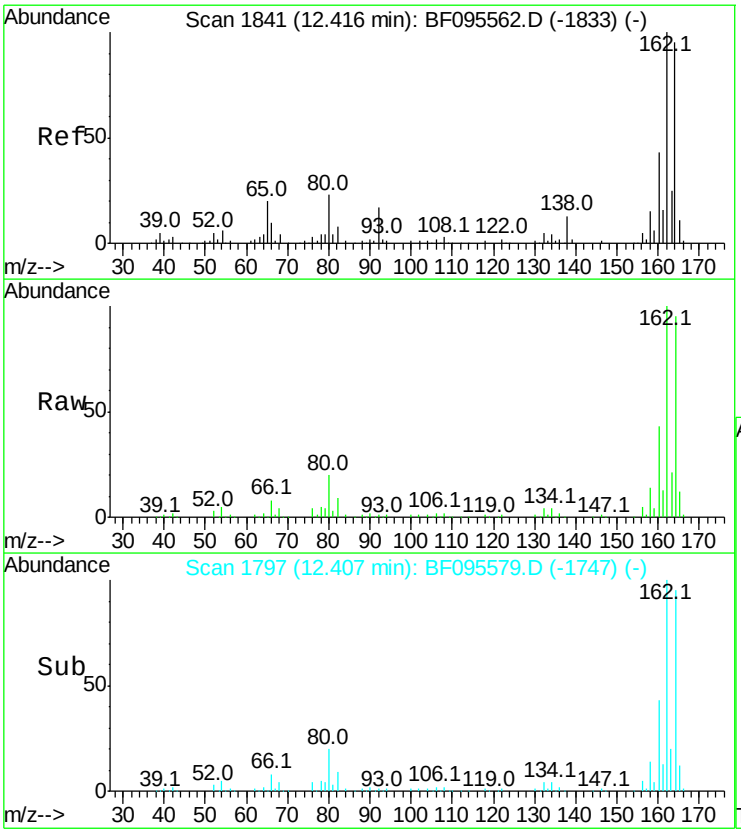
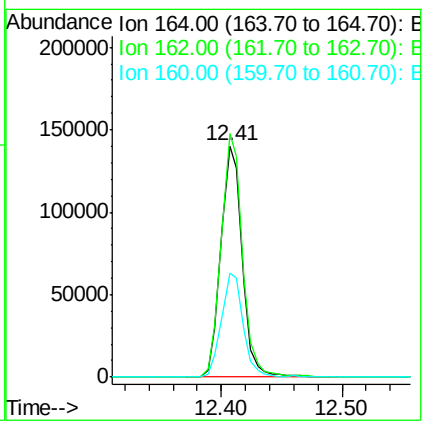
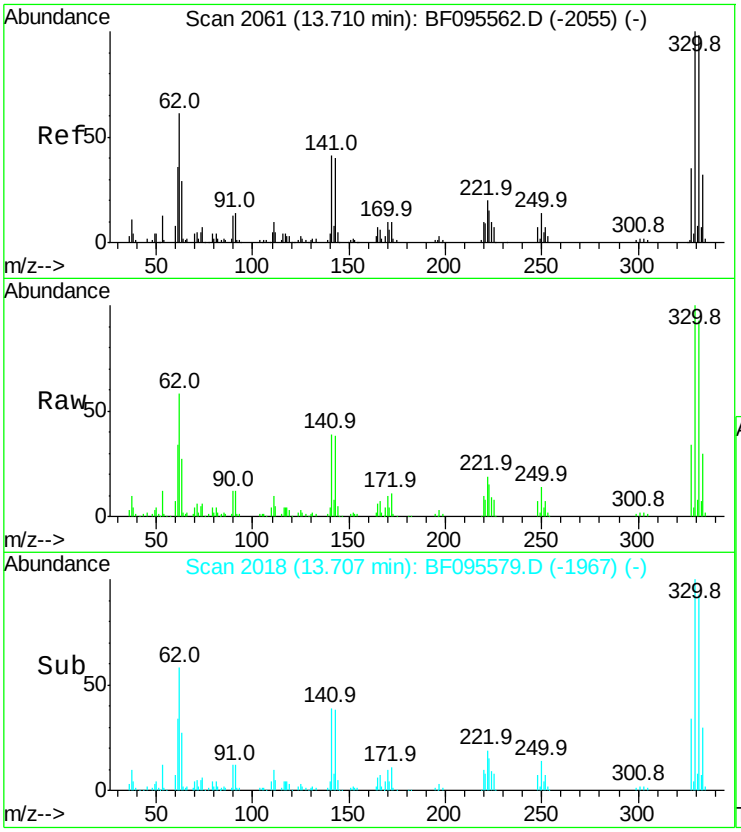


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.41 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF095579.D
Acq: 31 May 2017 23:21

Tgt Ion:164 Resp: 170345

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.6	123.8
160	44.9	36.2	54.2

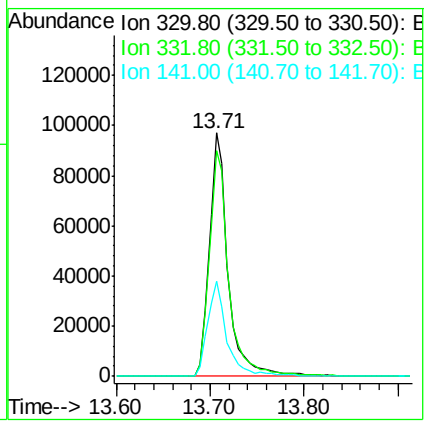




#41
2,4,6-Tribromophenol
Concen: 98.22 ng
RT: 13.71 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF095579.D
Acq: 31 May 2017 23:21

Tgt Ion:330 Resp: 137024

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	39.7	31.4	47.2



Instrument :
BNA_F
ClientSampleId :
NM1-COMP-0-6

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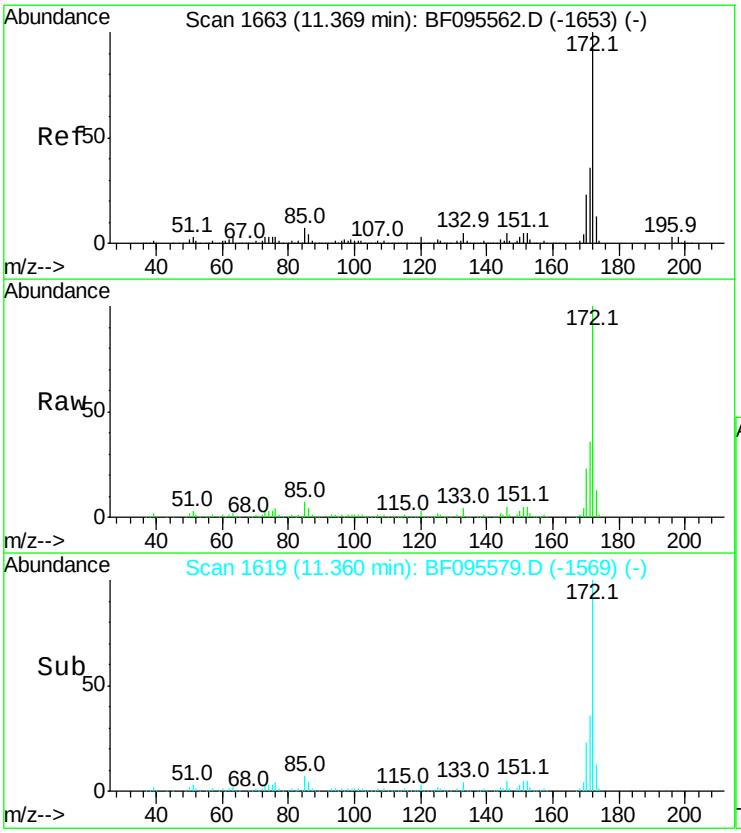
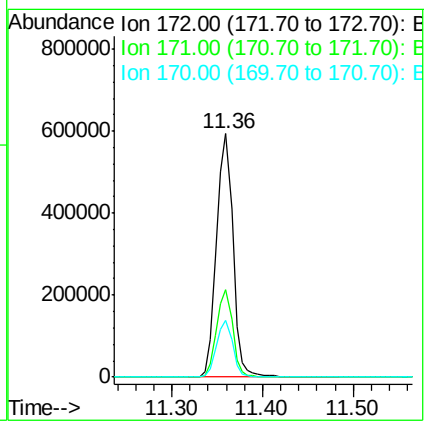
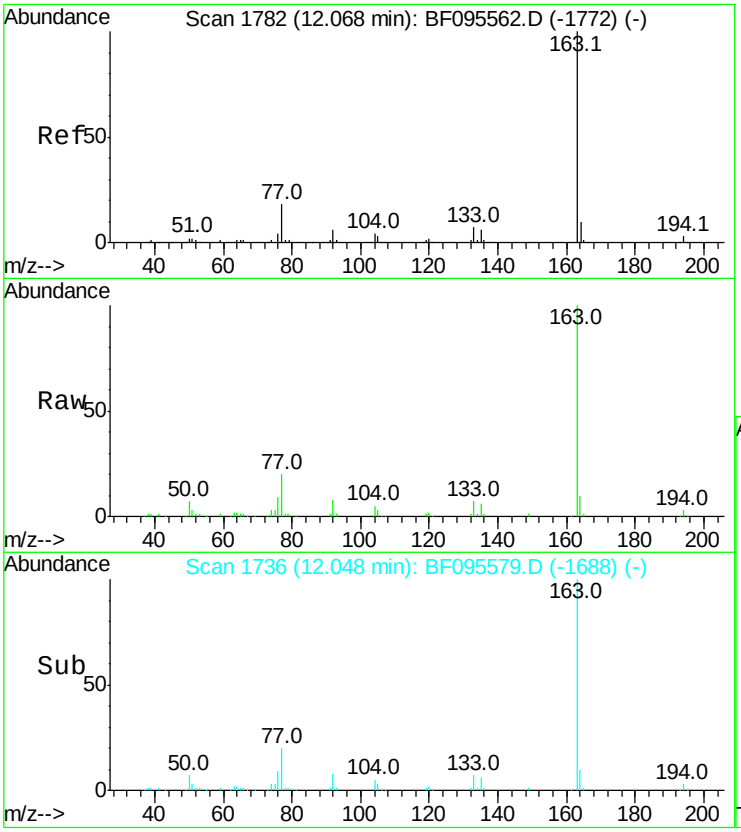


#44
2-Fluorobiphenyl
Concen: 63.07 ng
RT: 11.36 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF095579.D
Acq: 31 May 2017 23:21

Tgt Ion:172 Resp: 746458

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.2	19.8	29.8

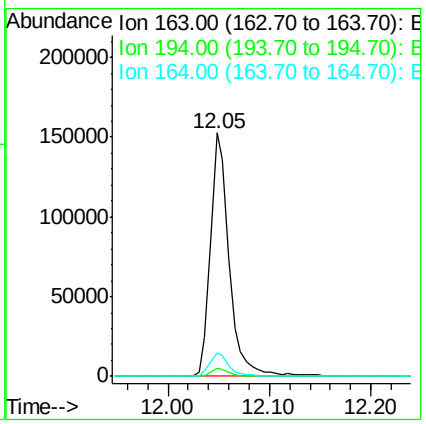




#49
Dimethylphthalate
Concen: 14.09 ng
RT: 12.05 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BF095579.D
Acq: 31 May 2017 23:21

Tgt Ion:163 Resp: 197062

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.8	8.4	12.6



Instrument :
BNA_F
ClientSampleId :
NM1-COMP-0-6

Manual Integrations APPROVED
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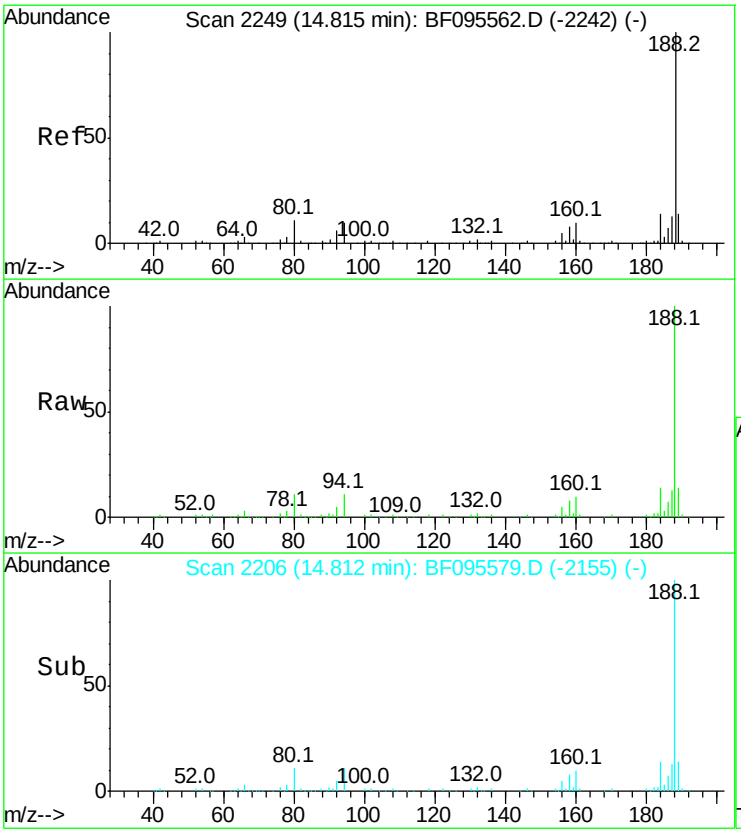
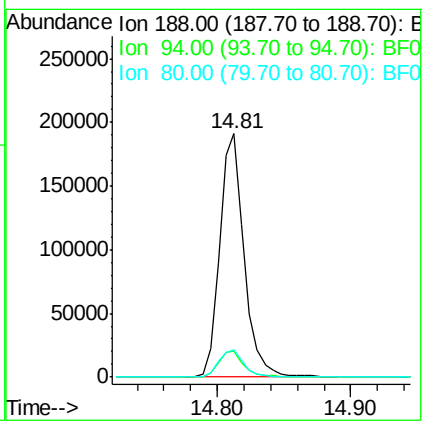
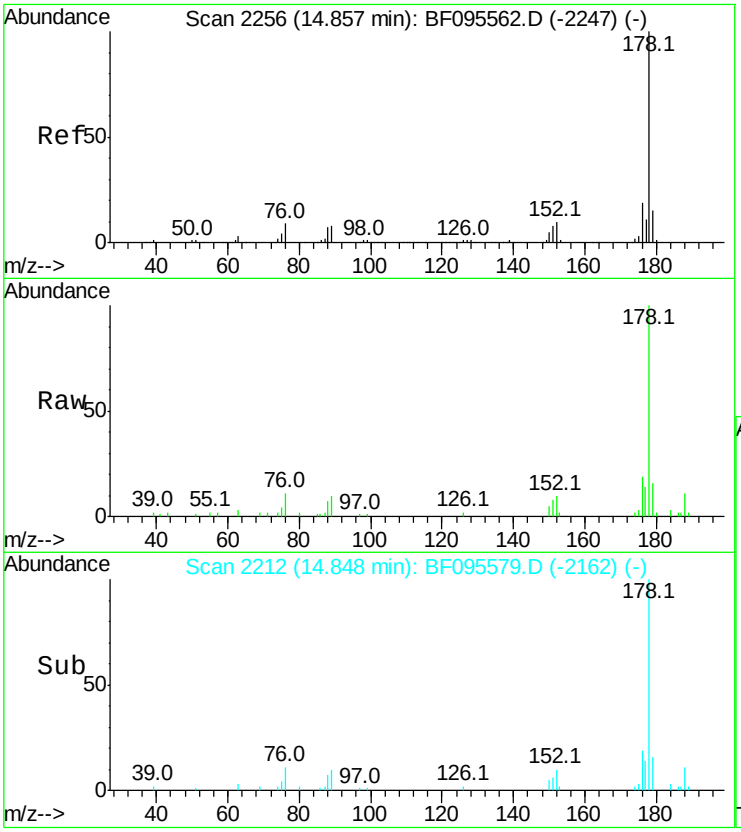


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF095579.D
Acq: 31 May 2017 23:21

Tgt Ion:188 Resp: 245095

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.3	10.2	15.2

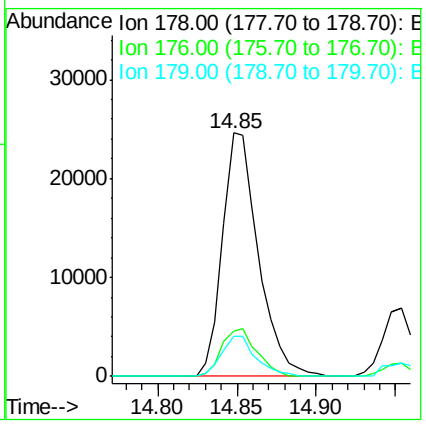




#70
Phenanthrene
Concen: 2.75 ng
RT: 14.85 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF095579.D
Acq: 31 May 2017 23:21

Tgt Ion:178 Resp: 38707

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	16.3	12.6	19.0



Instrument :
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ClientSampleId :
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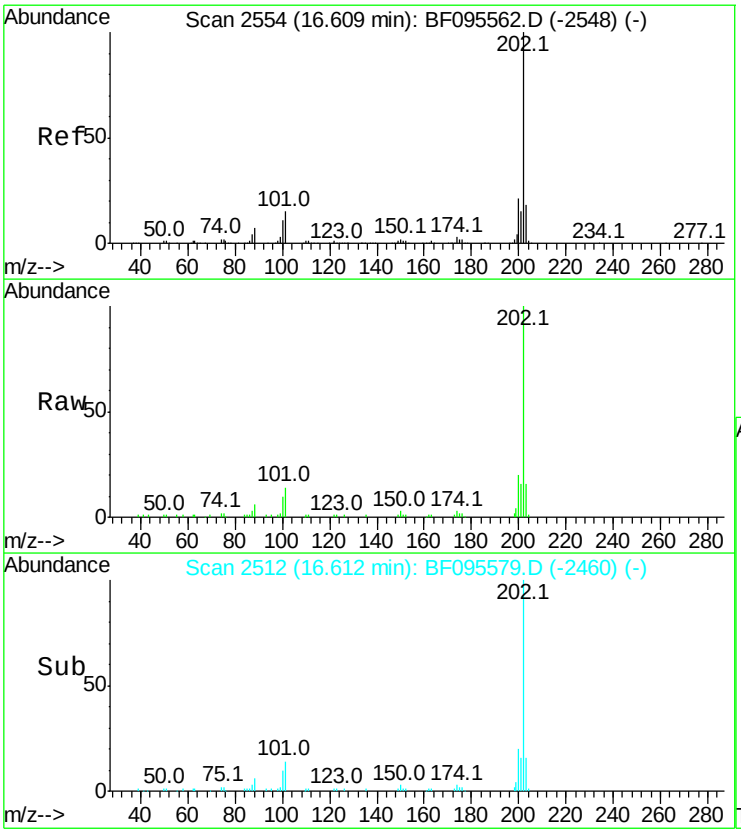
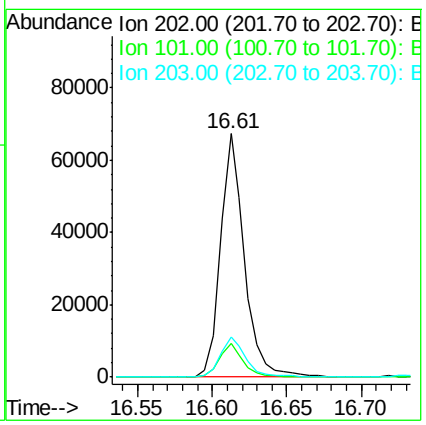
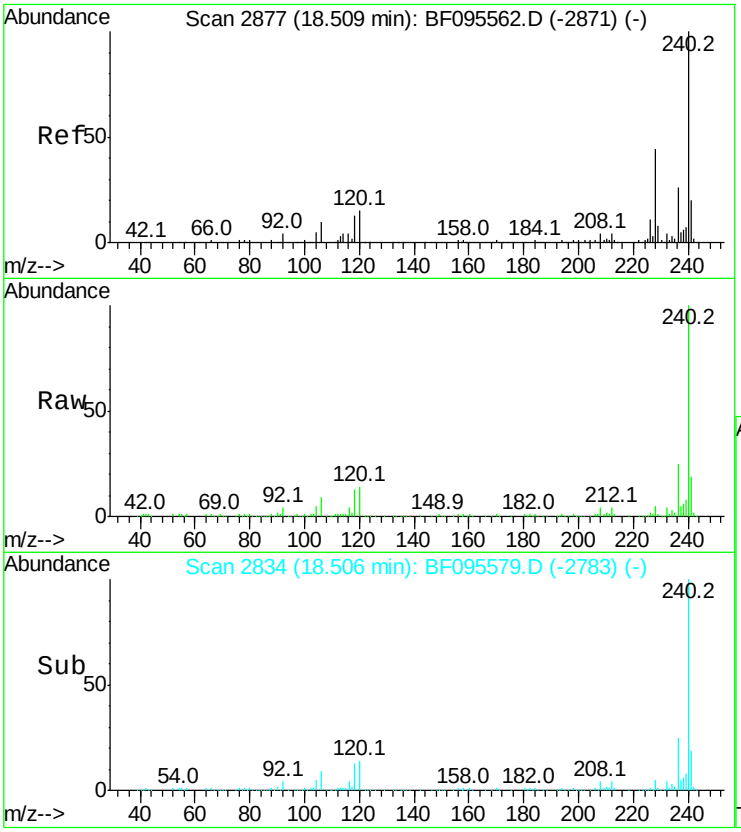


#74
Fluoranthene
Concen: 5.25 ng
RT: 16.61 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BF095579.D
Acq: 31 May 2017 23:21

Tgt Ion:202 Resp: 75862

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	33.2
203	16.5	0.0	38.1

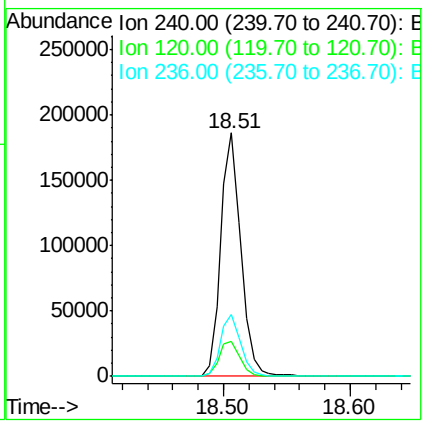




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.51 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BF095579.D
Acq: 31 May 2017 23:21

Tgt Ion:240 Resp: 206130

Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	25.5	20.5	30.7



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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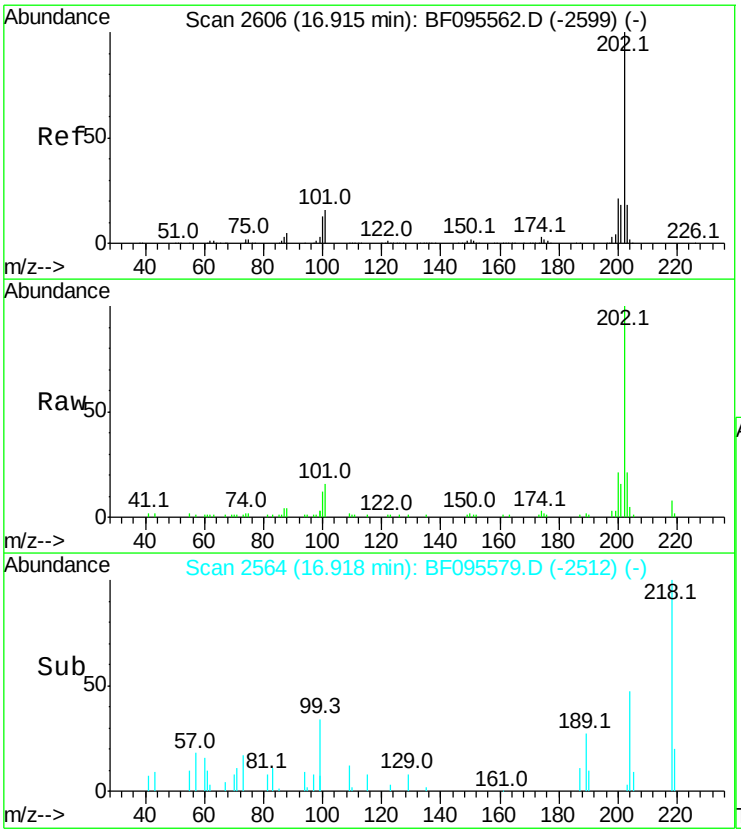
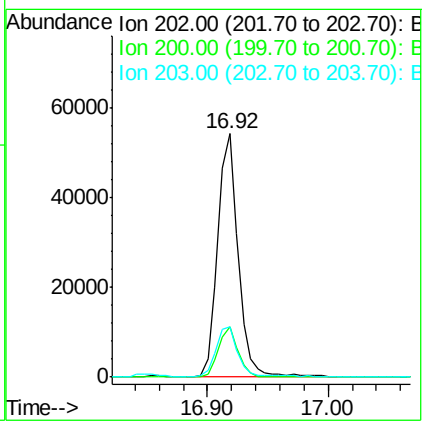
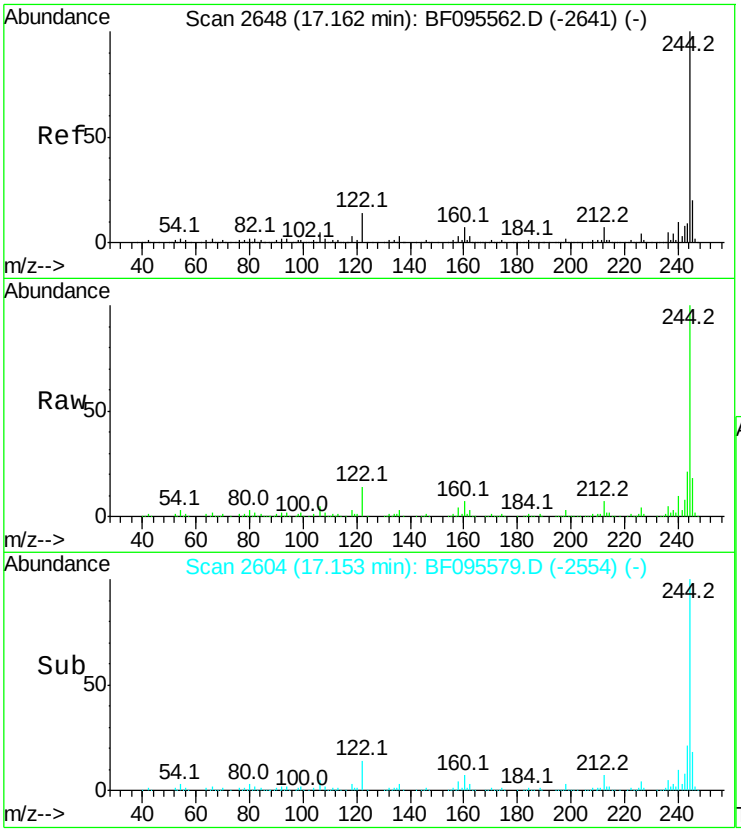


#77
Pyrene
Concen: 4.14 ng
RT: 16.92 min Scan# 2564
Delta R.T. 0.00 min
Lab File: BF095579.D
Acq: 31 May 2017 23:21

Tgt Ion:202 Resp: 63747

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	20.6	14.4	21.6

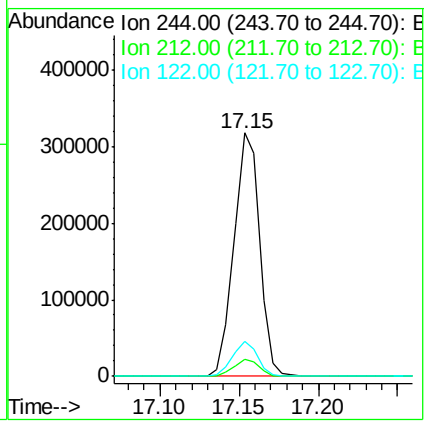




#78
Terphenyl-d14
Concen: 38.20 ng
RT: 17.15 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BF095579.D
Acq: 31 May 2017 23:21

Tgt Ion:244 Resp: 357498

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.4	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
NM1-COMP-0-6

Manual Integrations APPROVED
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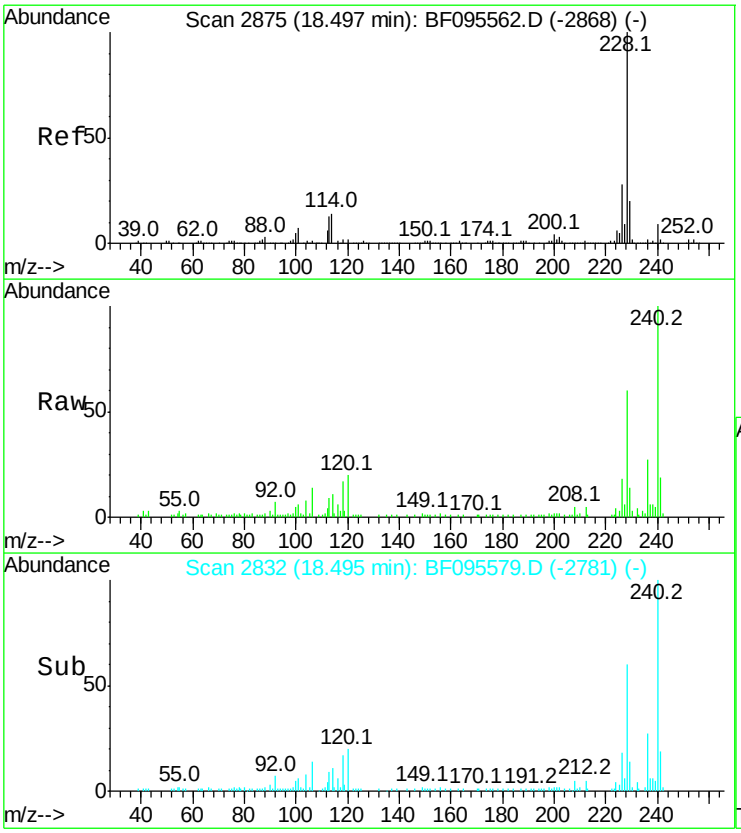
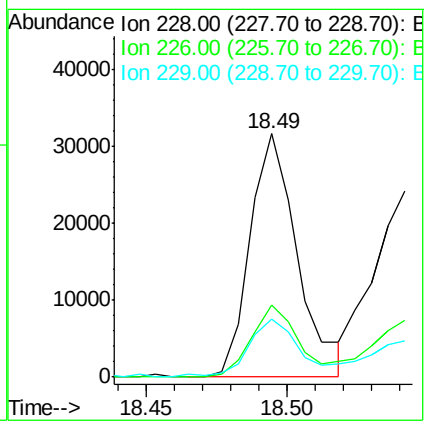
6/1/2017 2:20:38 PM

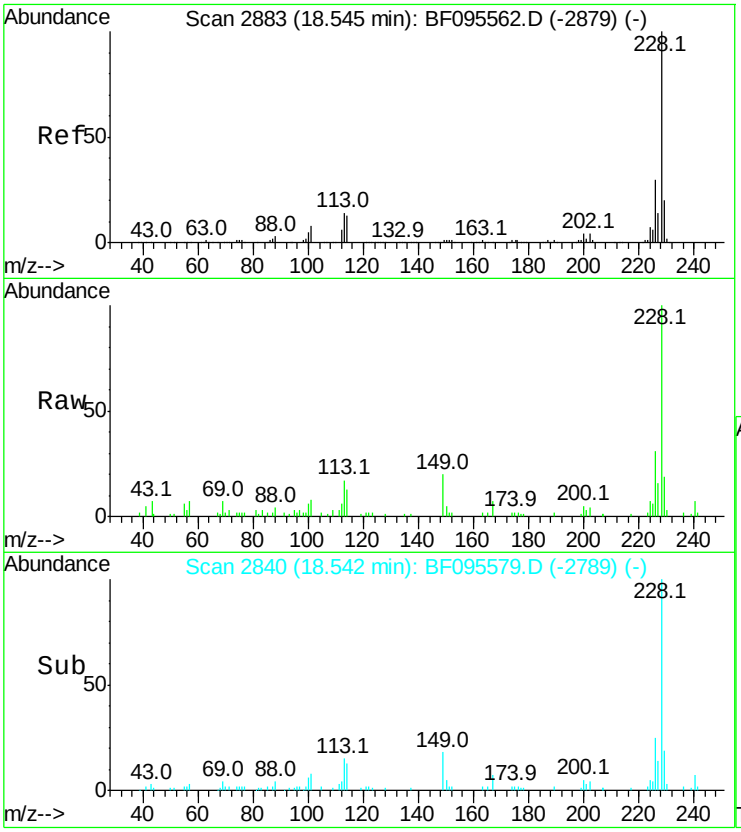


#80
Benzo(a)anthracene
Concen: 3.08 ng
RT: 18.49 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BF095579.D
Acq: 31 May 2017 23:21

Tgt Ion:228 Resp: 36894

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	23.8	16.3	24.5

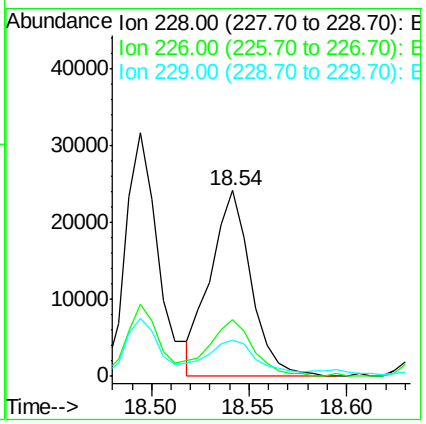




#82
Chrysene
Concen: 3.02 ng
RT: 18.54 min Scan# 2840
Delta R.T. -0.00 min
Lab File: BF095579.D
Acq: 31 May 2017 23:21

Tgt Ion:228 Resp: 35063

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	19.4	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
NM1-COMP-0-6

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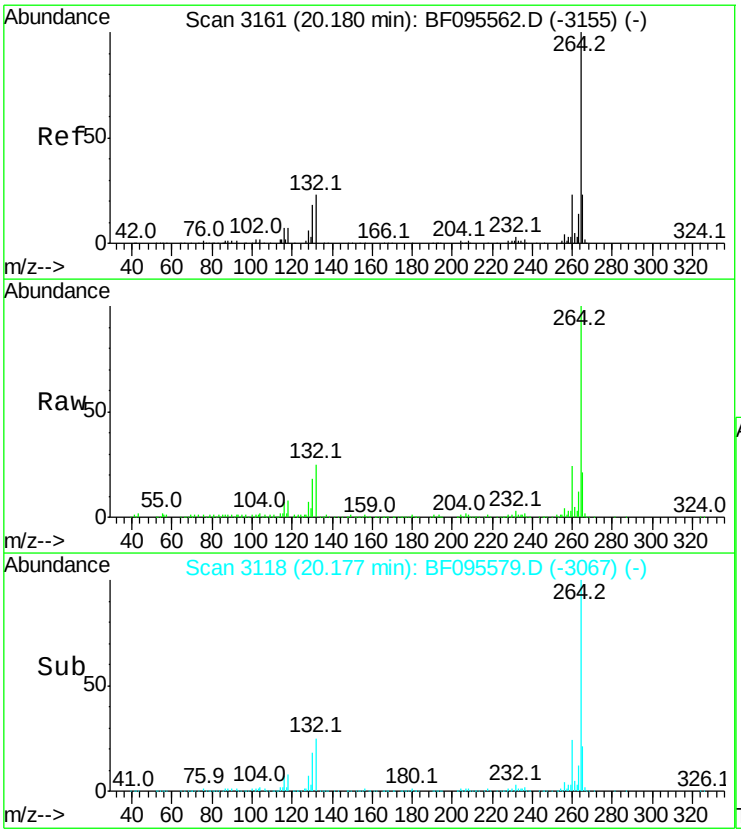
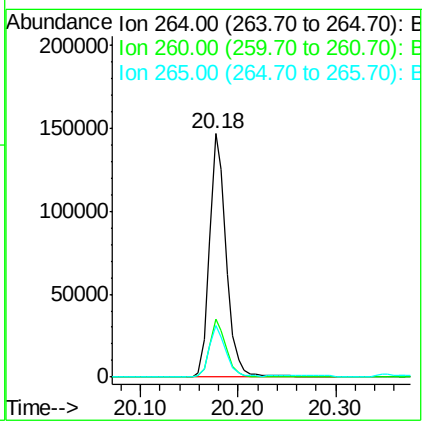
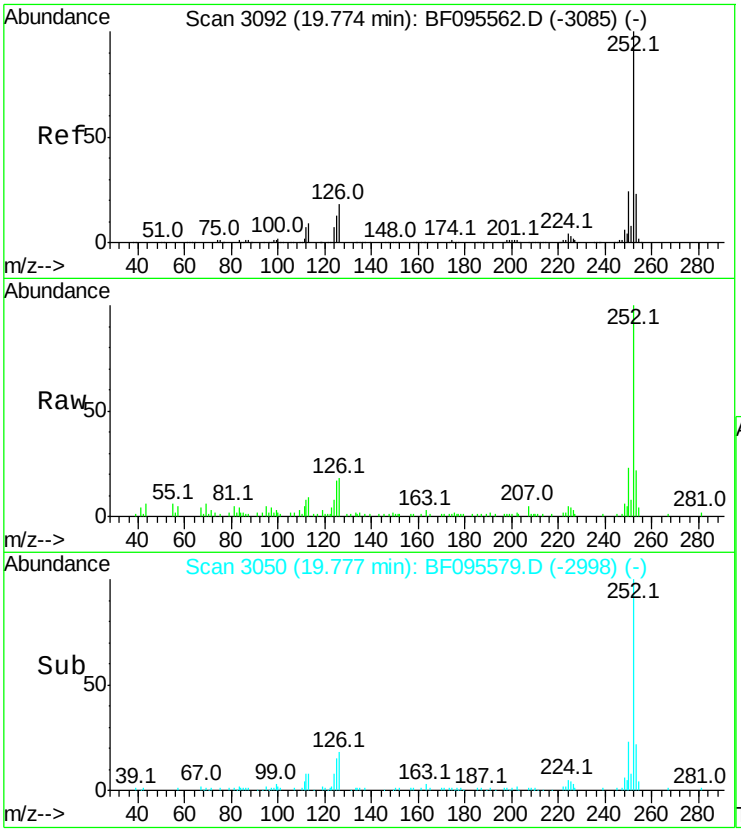


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BF095579.D
Acq: 31 May 2017 23:21

Tgt Ion:264 Resp: 173807

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.1	17.2	25.8

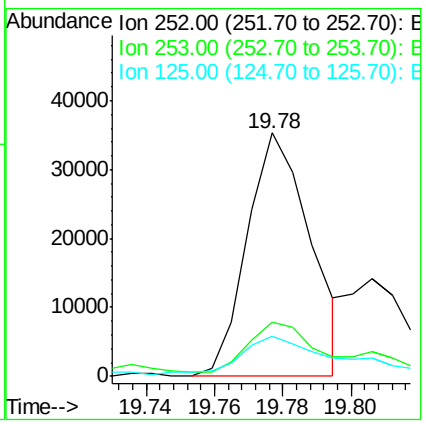




#87
Benzo(b)fluoranthene
Concen: 4.22 ng m
RT: 19.78 min Scan# 3050
Delta R.T. 0.00 min
Lab File: BF095579.D
Acq: 31 May 2017 23:21

Tgt Ion:252 Resp: 45337

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	16.5	9.8	14.8#



Instrument :
BNA_F
ClientSampleId :
NM1-COMP-0-6

Manual Integrations APPROVED
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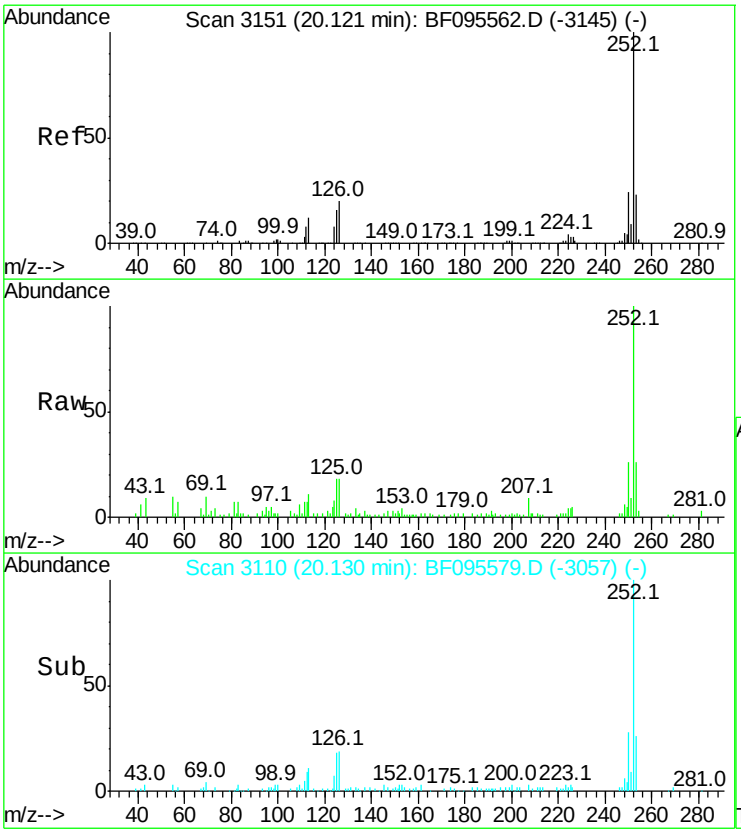
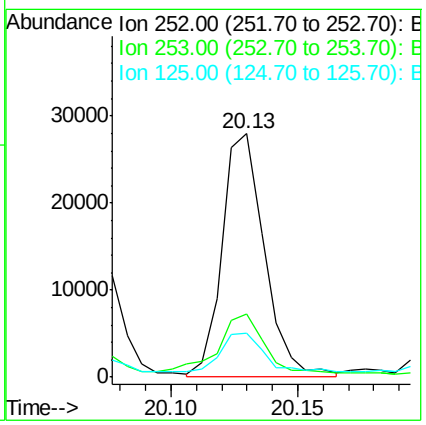
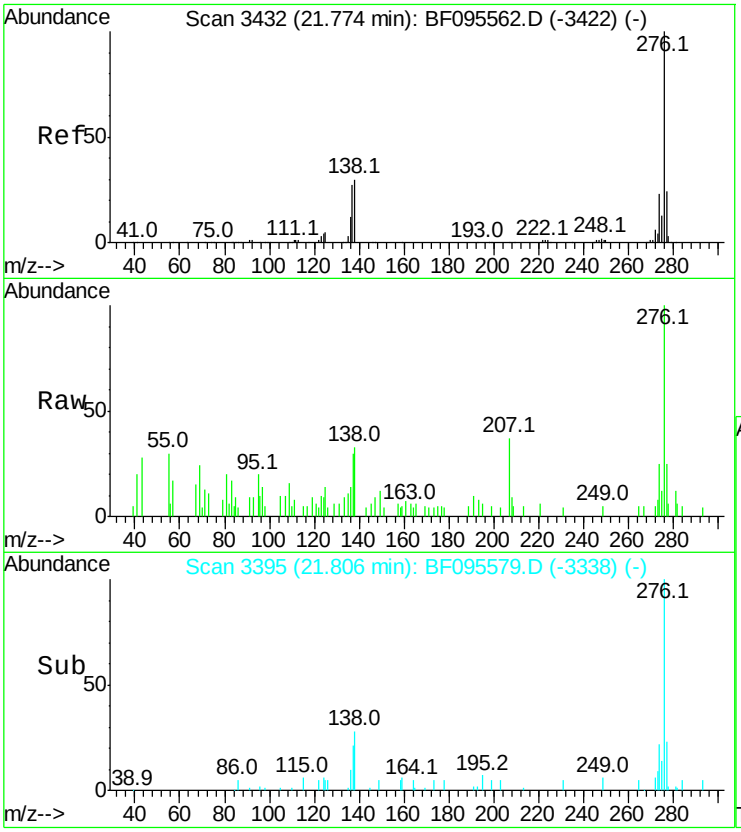


#89
Benzo(a)pyrene
Concen: 3.28 ng
RT: 20.13 min Scan# 3110
Delta R.T. 0.01 min
Lab File: BF095579.D
Acq: 31 May 2017 23:21

Tgt Ion:252 Resp: 32486

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.5	26.3
125	17.8	11.0	16.4#

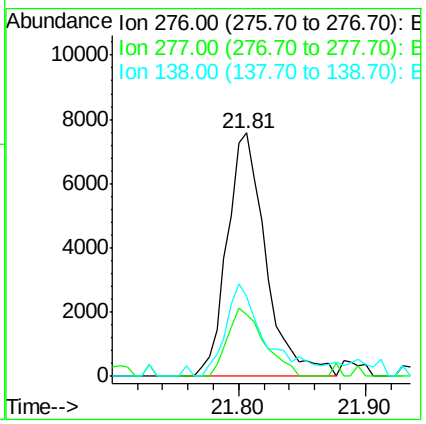




#91
Benzo(g,h,i)perylene
Concen: 2.01 ng
RT: 21.81 min Scan# 3395
Delta R.T. 0.03 min
Lab File: BF095579.D
Acq: 31 May 2017 23:21

Tgt Ion:276 Resp: 16105

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.6	28.0
138	32.5	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
NM1-COMP-0-6

Manual Integrations APPROVED
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