

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
 Data File : BF112603.D
 Acq On : 18 Feb 2019 16:13
 Operator : JU/SJ
 Sample : K1518-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-8

Manual Integrations
 APPROVED

Sohil
 2/19/2019 9:38:42 AM

Quant Time: Feb 19 00:07:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	73153	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	290760	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	144305	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	259446	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	183975	20.00	ng	-0.01
87) Perylene-d12	15.47	264	171083	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	325806	94.60	ng	-0.02
7) Phenol-d6	6.47	99	417485	87.24	ng	-0.02
23) Nitrobenzene-d5	7.39	82	266423	52.80	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	135365	80.59	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	528189	51.77	ng	-0.03
79) Terphenyl-d14	12.93	244	500193	51.21	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	12185	2.321	ng	Qvalue # 65
50) Dimethylphthalate	9.57	163	48284	4.307	ng	100
75) Fluoranthene	12.57	202	96696	6.684	ng	96
78) Pyrene	12.80	202	93608	7.349	ng	98
81) Benzo(a)anthracene	13.99	228	26075	2.411	ng	98
83) Chrysene	14.02	228	45153	4.374	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	739334	84.518	ng	97
86) Indeno(1,2,3-cd)pyrene	16.98	276	22381	2.736	ng	95
88) Benzo(b)fluoranthene	15.04	252	63915m	6.247	ng	
89) Benzo(k)fluoranthene	15.07	252	20313m	2.073	ng	
90) Benzo(a)pyrene	15.42	252	22465	2.440	ng	# 89
92) Benzo(a,h,i)perylene	17.43	276	22070	3.153	ng	96

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

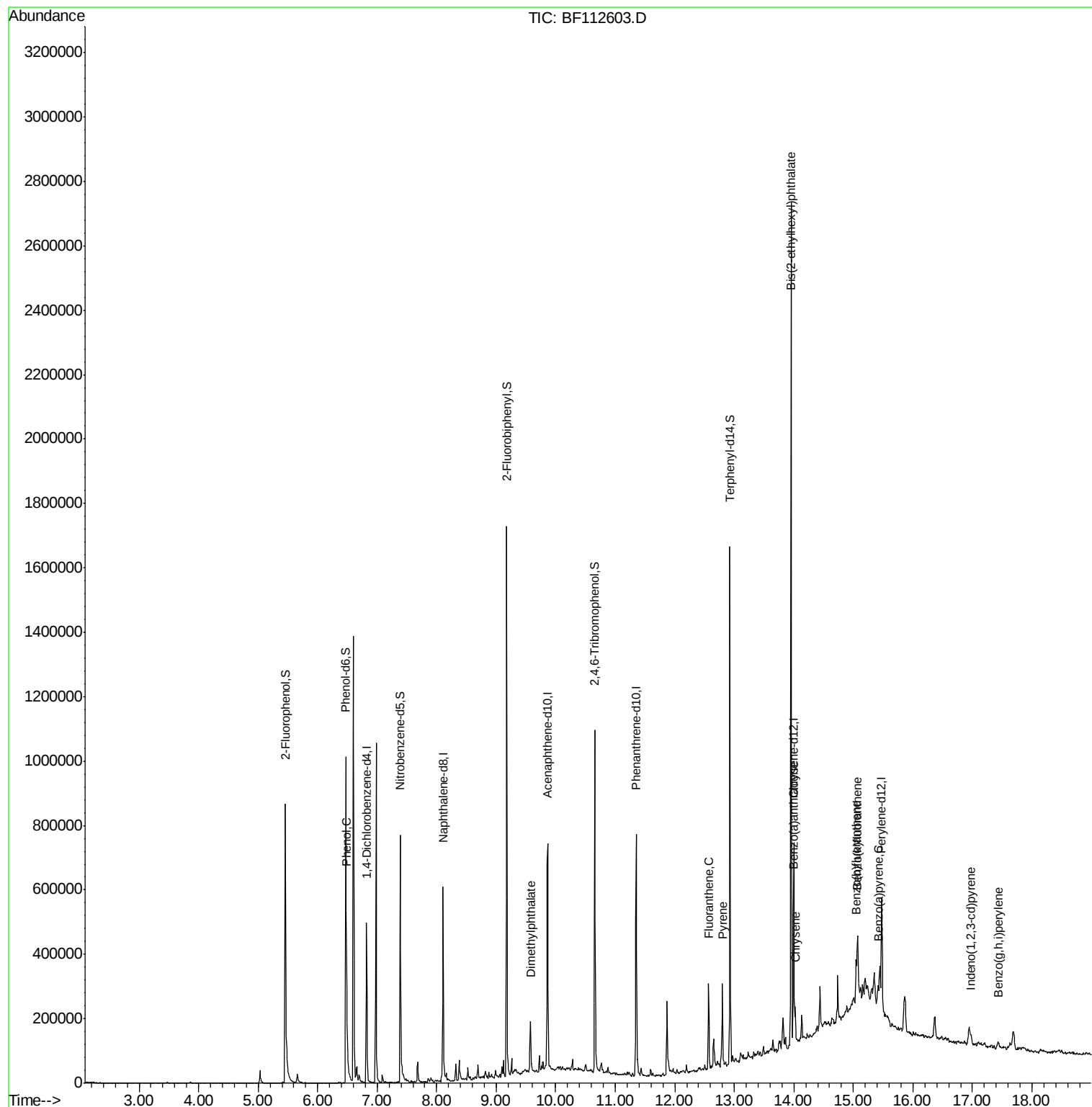
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
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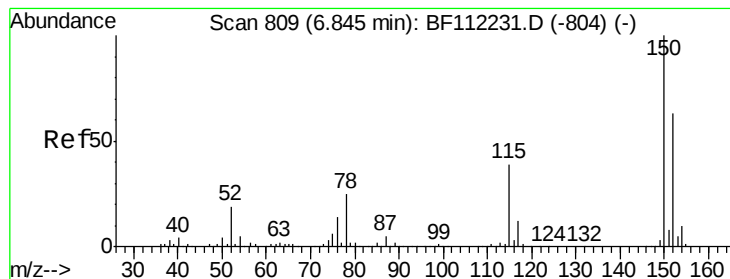
Instrument :
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CABLE-BRIDGE-FOUNDATION-D-8

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#1

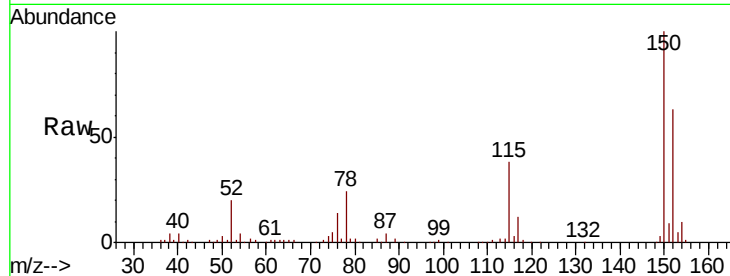
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112603.D
Acq: 18 Feb 2019 16:13

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	127.4	191.0
115	61.3	45.5	68.3

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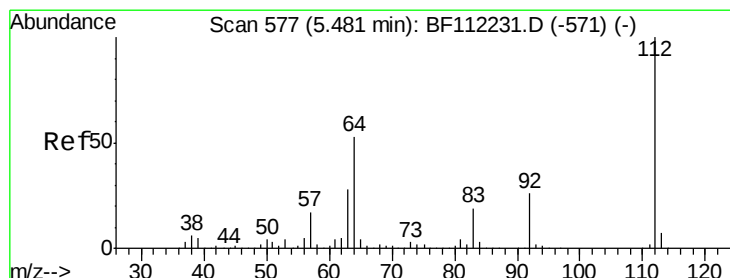
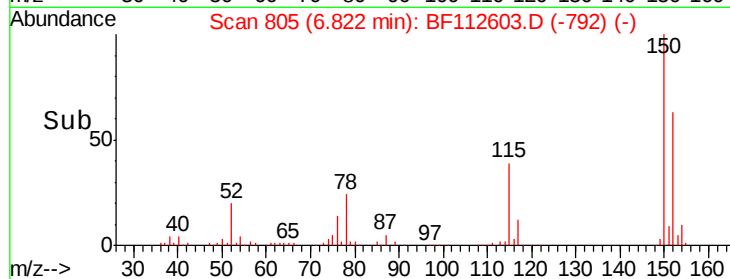
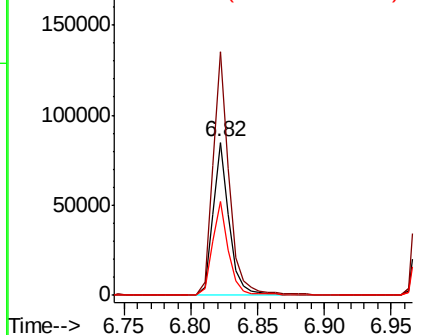


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

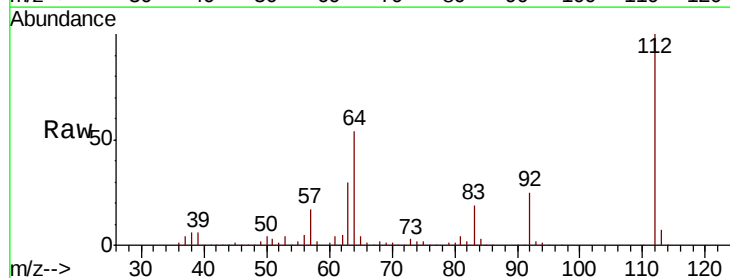
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.601 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF112603.D
Acq: 18 Feb 2019 16:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	45.7	68.5
63	29.7	23.6	35.4

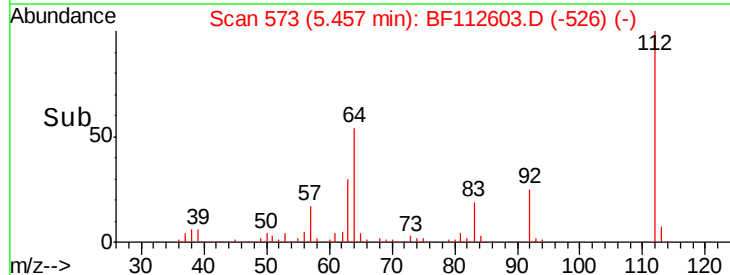
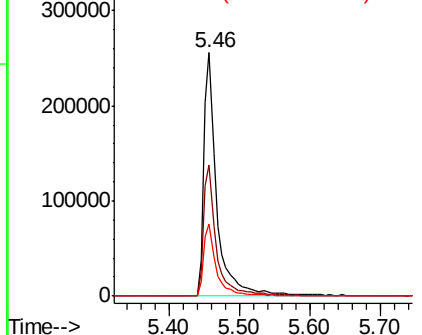


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 87.237 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112603.D

Acq: 18 Feb 2019 16:13

Instrument :

BNA_F

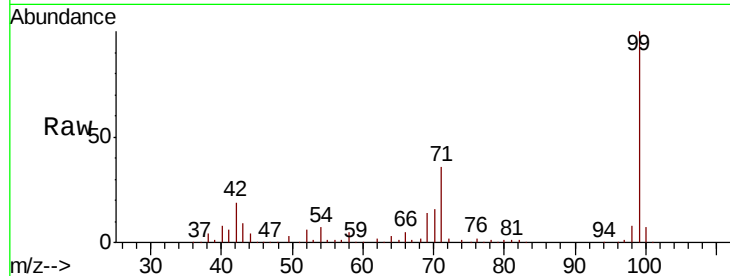
ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-8

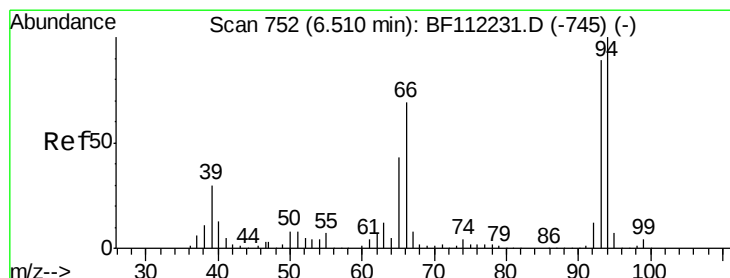
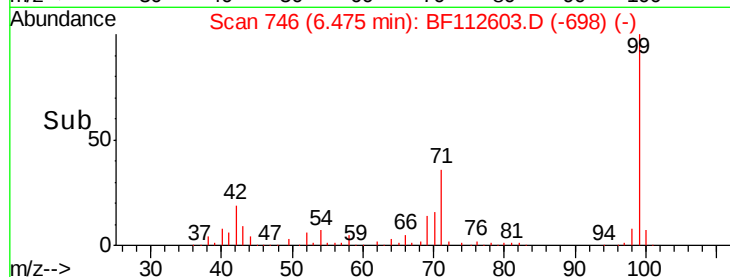
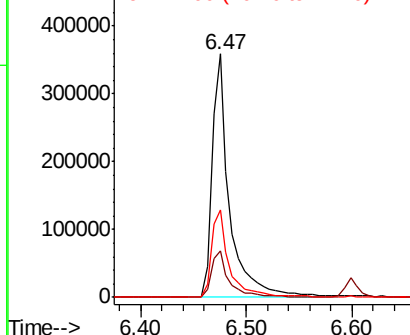
Tot Ion:	99	Resp:	417485
Ion Ratio	Lower	Upper	
99	100		
42	19.2	15.1	22.7
71	36.1	26.9	40.3

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.321 ng

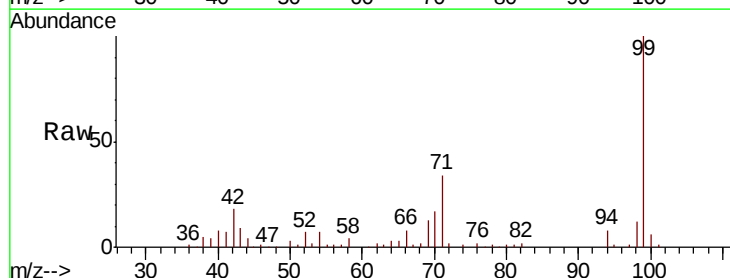
RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

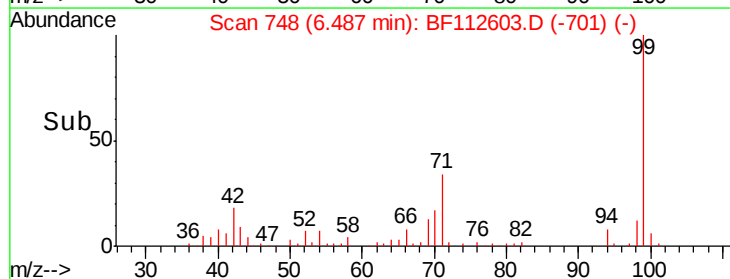
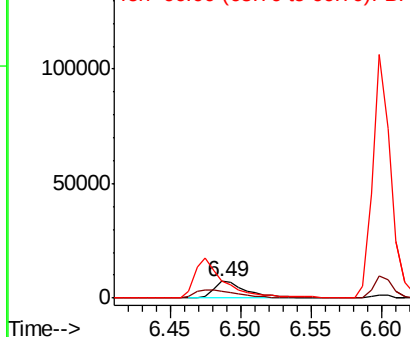
Lab File: BF112603.D

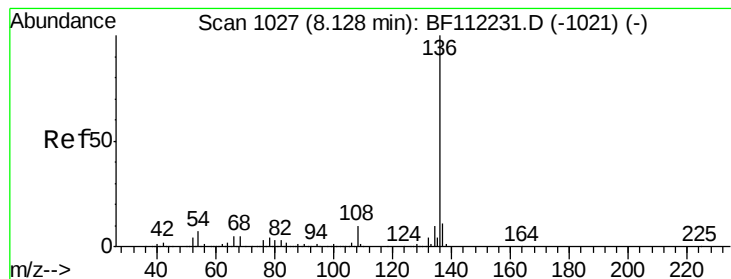
Acq: 18 Feb 2019 16:13

Tgt Ion:	94	Resp:	12185
Ion Ratio	Lower	Upper	
94	100		
65	39.2	20.3	60.3
66	105.5	42.4	82.4#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF112603.D

Acq: 18 Feb 2019 16:13

Instrument :

BNA_F

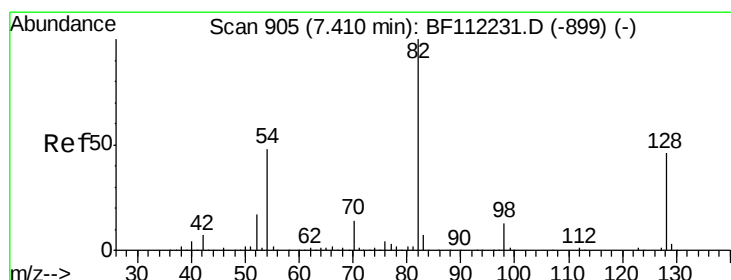
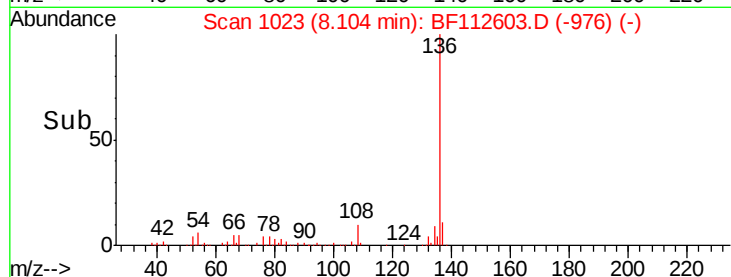
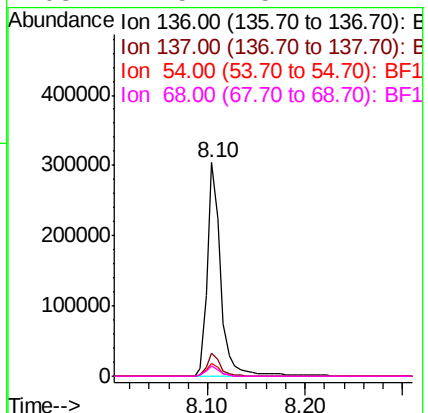
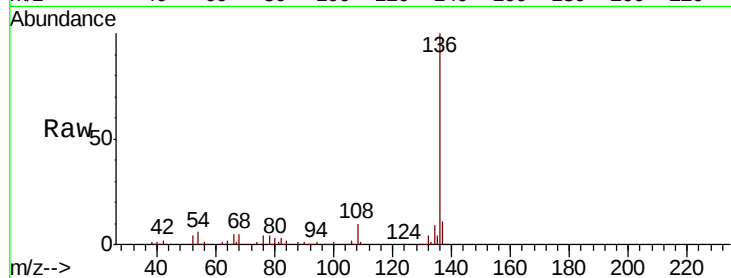
ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-8

Tot Ion	Ratio	Resp	Lower	Upper
136	100	290760		
137	10.7	9.1	13.7	
54	6.3	5.9	8.9	
68	4.5	5.1	7.7	

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#23

Nitrobenzene-d5

Concen: 52.797 ng

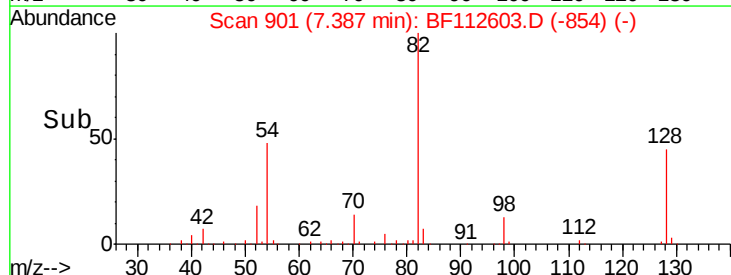
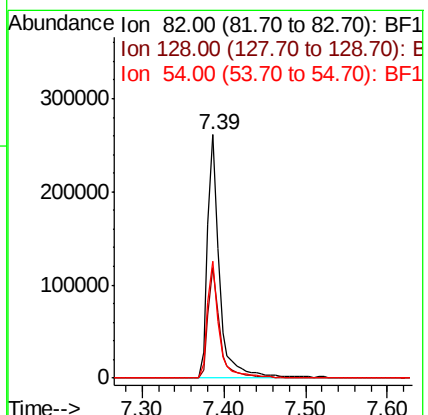
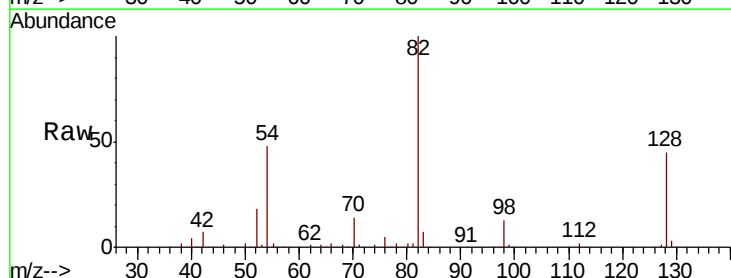
RT: 7.39 min Scan# 901

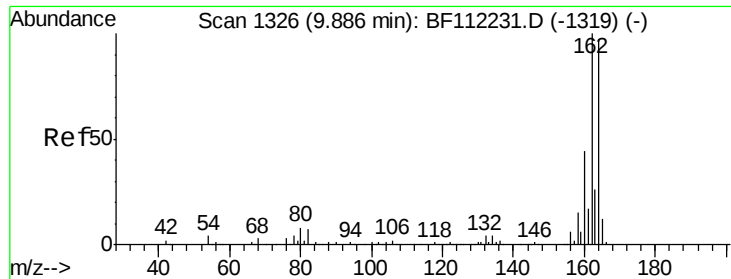
Delta R.T. -0.02 min

Lab File: BF112603.D

Acq: 18 Feb 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	266423		
128	45.4	37.8	56.8	
54	48.1	39.7	59.5	





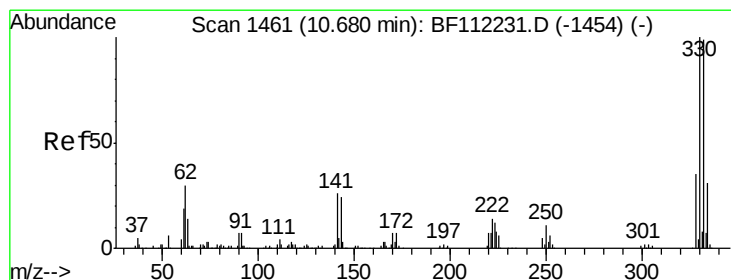
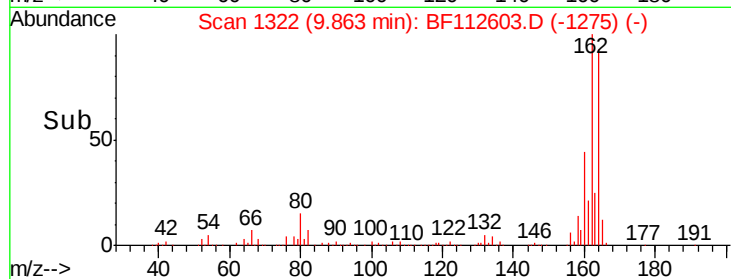
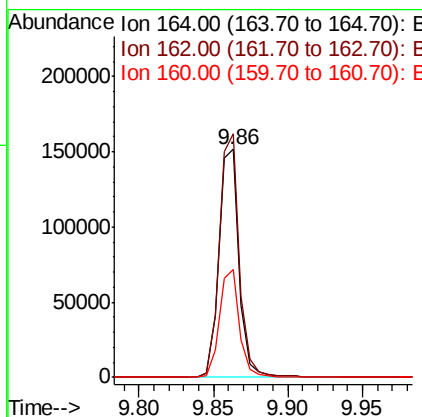
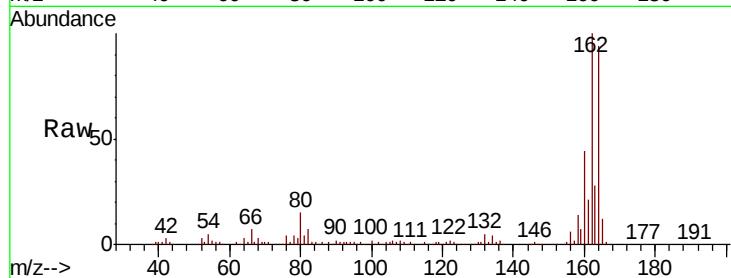
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF112603.D
 Acq: 18 Feb 2019 16:13

Instrument :
 BNA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-8

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.9	82.2	123.4	
160	47.4	36.2	54.4	

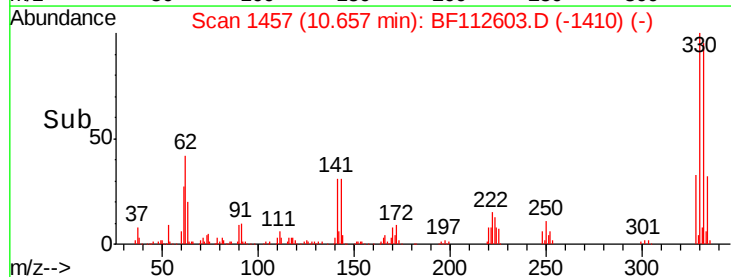
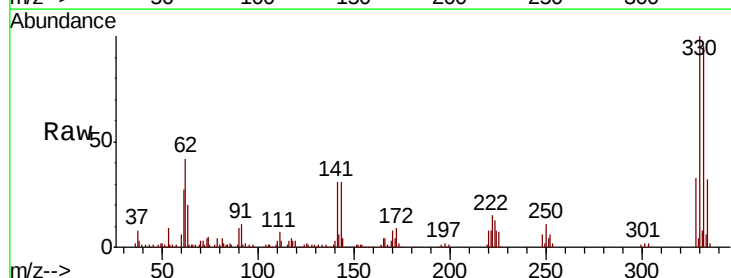
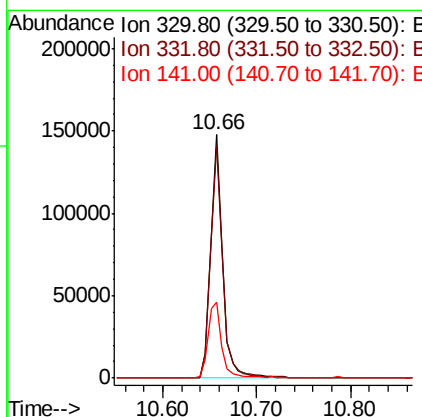
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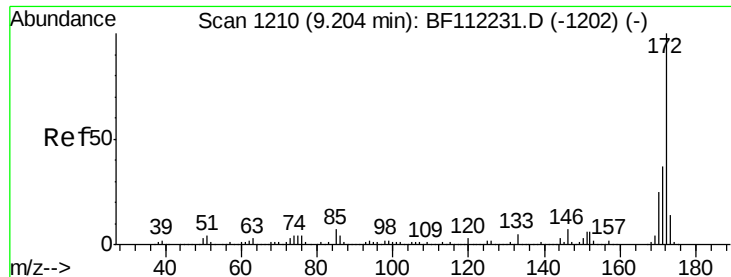
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#42
 2,4,6-Tribromophenol
 Concen: 80.590 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF112603.D
 Acq: 18 Feb 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	76.6	114.8	
141	35.2	24.3	36.5	





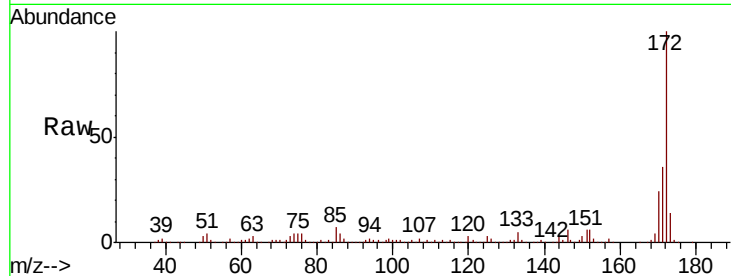
#45
2-Fluorobiphenyl
Concen: 51.768 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF112603.D
Acq: 18 Feb 2019 16:13

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-8

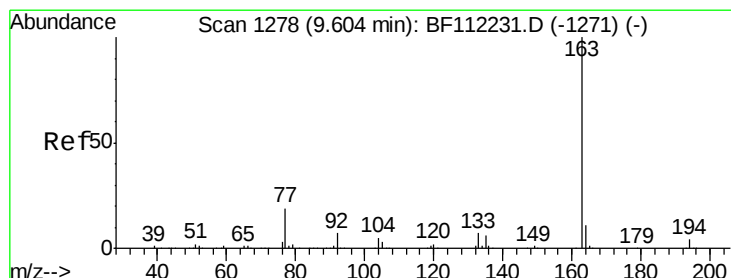
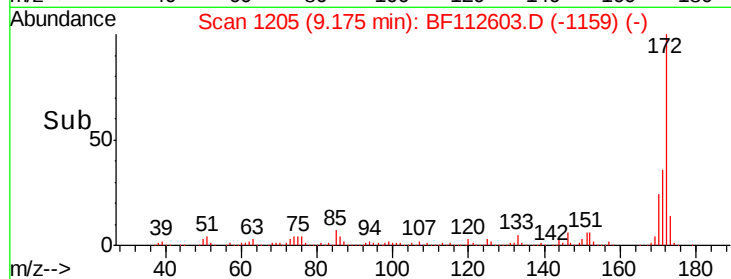
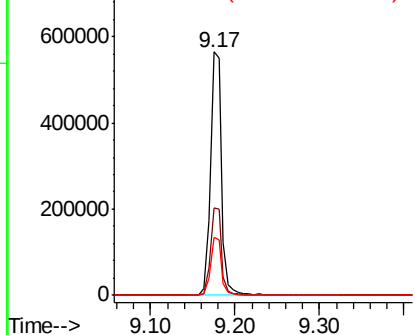
Tot Ion	Ratio	Resp	Lower	Upper
172	100	528189		
171	35.9		30.5	45.7
170	23.8		20.2	30.4

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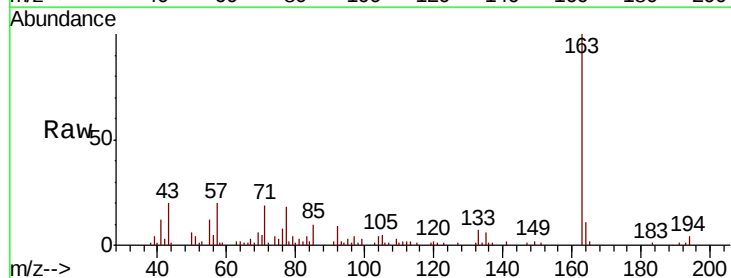


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

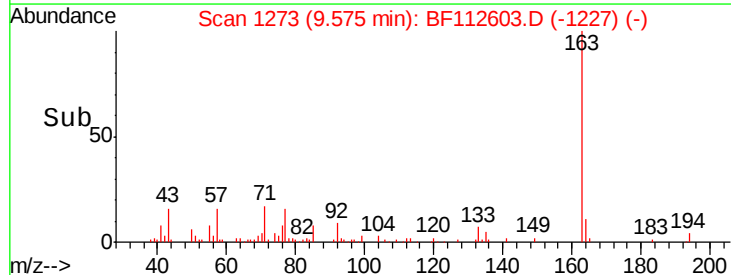
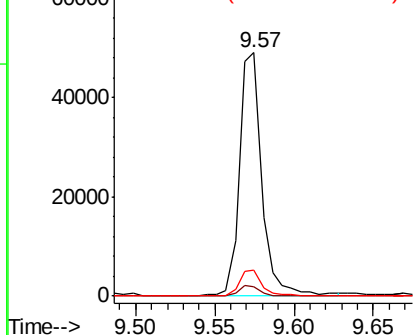


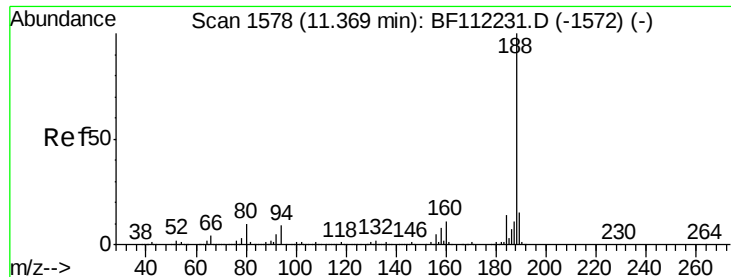
#50
Dimethylphthalate
Concen: 4.307 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF112603.D
Acq: 18 Feb 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	48284		
194	3.9		3.3	4.9
164	10.6		8.5	12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





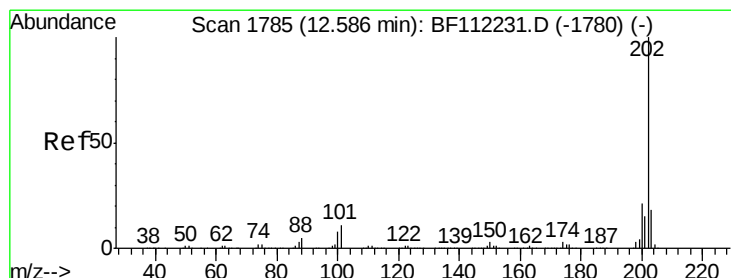
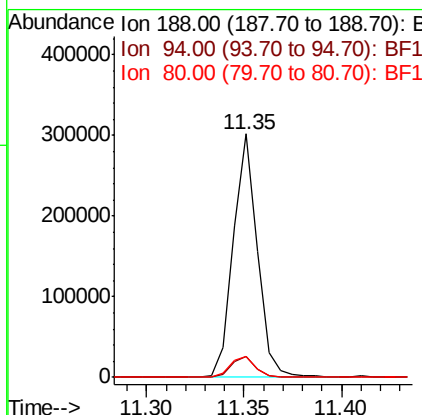
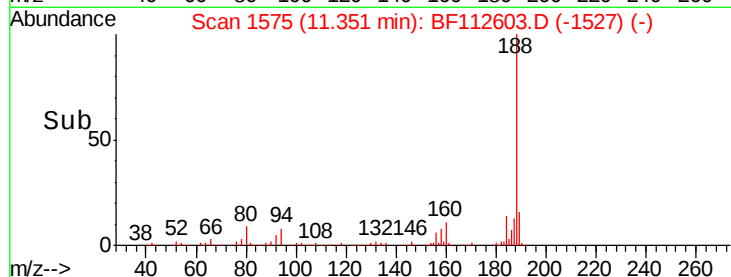
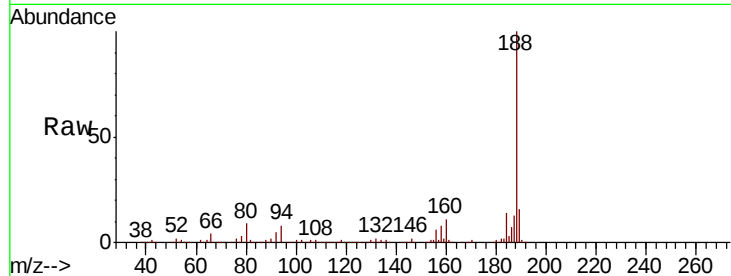
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112603.D
Acq: 18 Feb 2019 16:13

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-8

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.4	8.2	12.2
80	8.7	8.9	13.3#

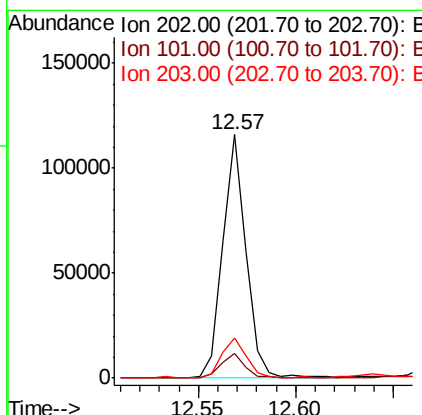
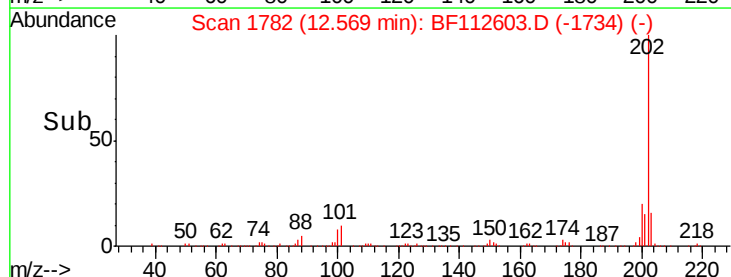
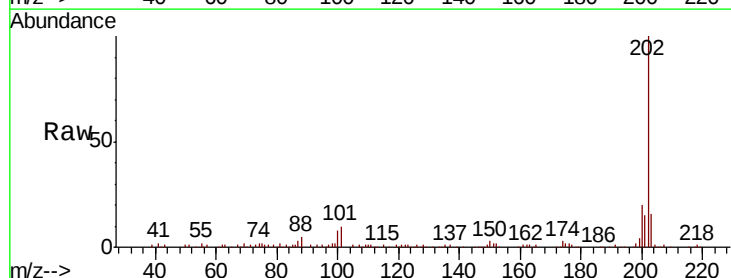
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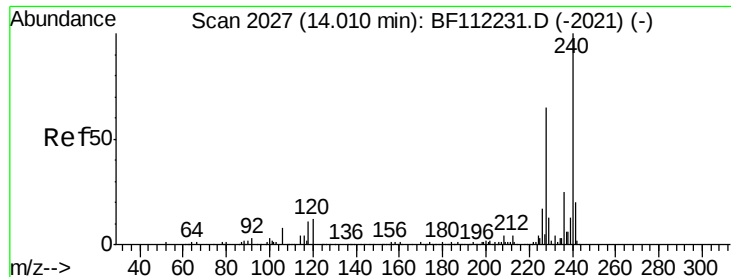
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#75
Fluoranthene
Concen: 6.684 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BF112603.D
Acq: 18 Feb 2019 16:13

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	0.0	31.8
203	16.3	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112603.D

Acq: 18 Feb 2019 16:13

Instrument :

BNA_F

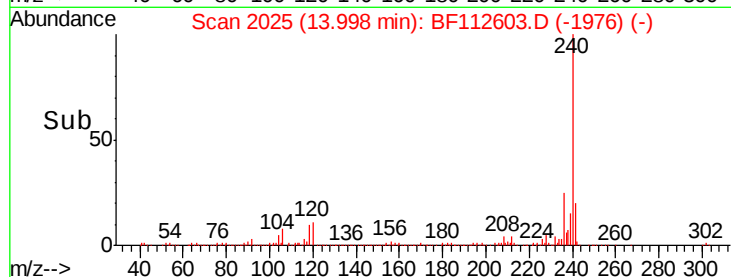
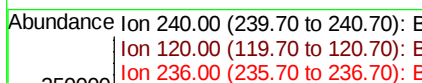
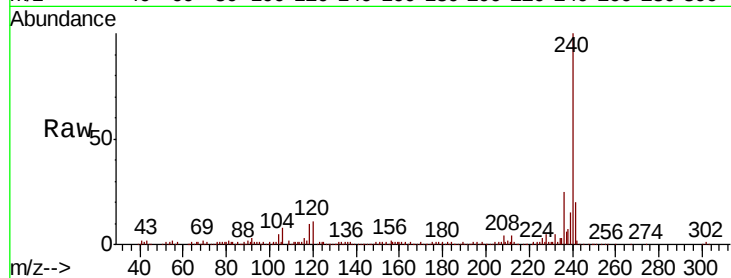
ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-8

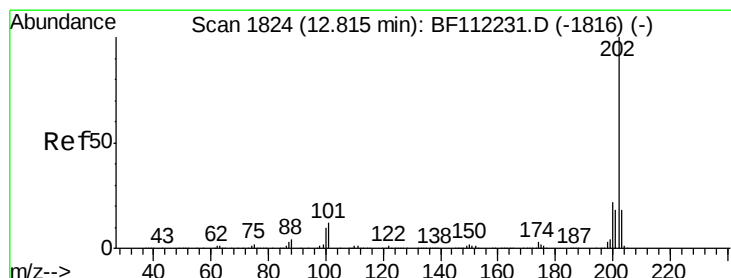
Tot Ion:	240	Resp:	183975
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.0	13.6
236	25.4	20.7	31.1

Manual Integrations
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Time-->



#78

Pyrene

Concen: 7.349 ng

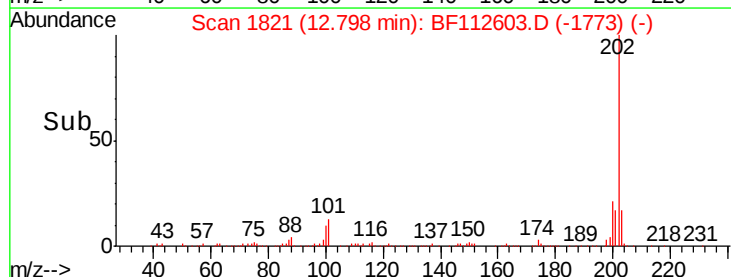
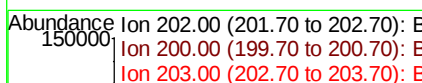
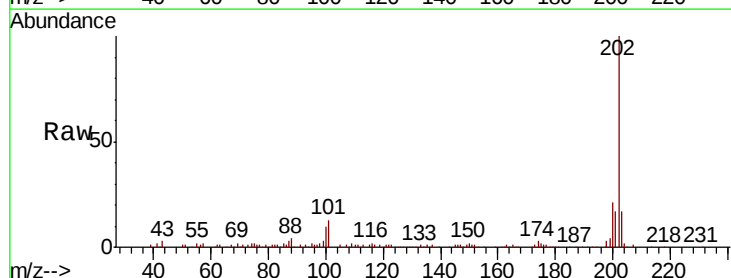
RT: 12.80 min Scan# 1821

Delta R.T. -0.02 min

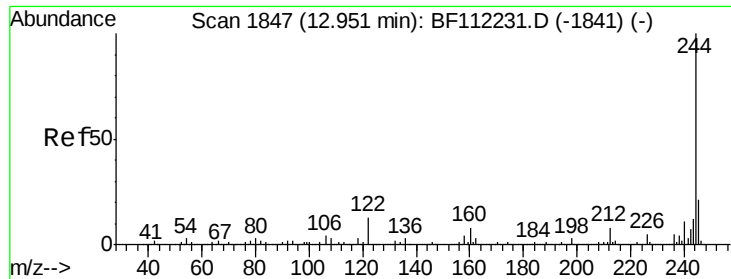
Lab File: BF112603.D

Acq: 18 Feb 2019 16:13

Tgt Ion:	202	Resp:	93608
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.7	26.5
203	17.2	14.6	22.0



Time-->



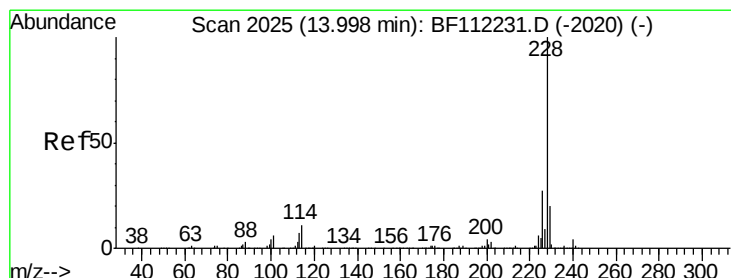
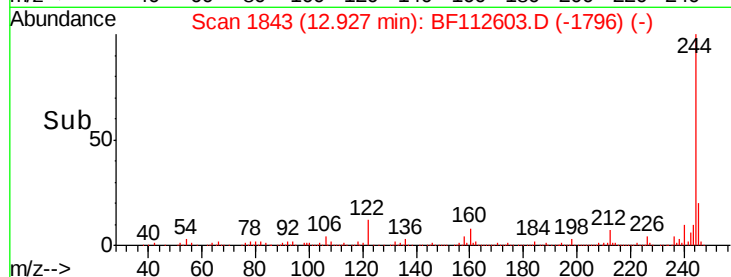
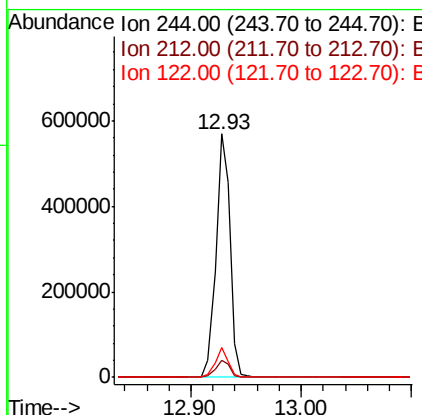
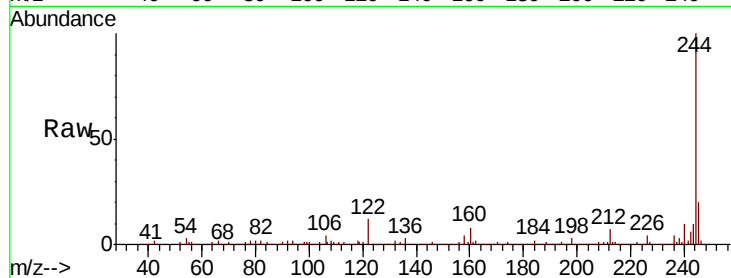
#79
 Terphenyl-d14
 Concen: 51.207 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.02 min
 Lab File: BF112603.D
 Acq: 18 Feb 2019 16:13

Instrument :
 BNA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-8

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	12.1	9.8	14.6

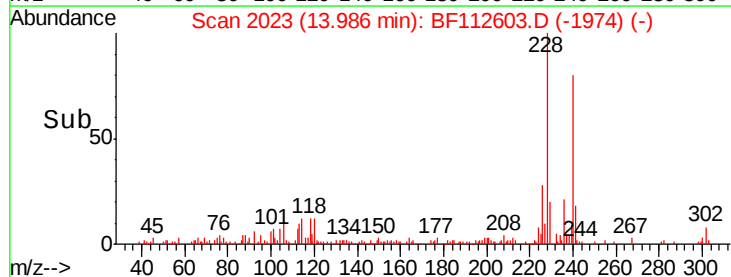
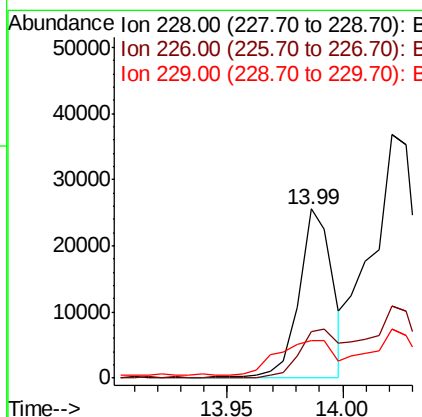
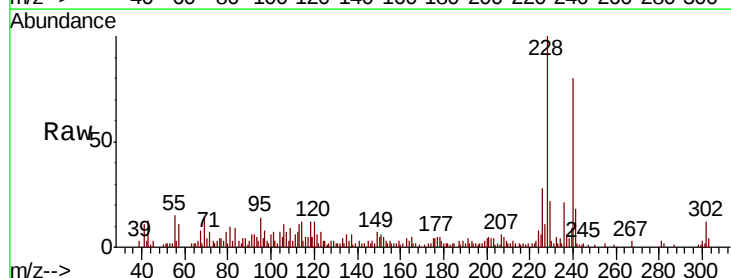
Manual Integrations
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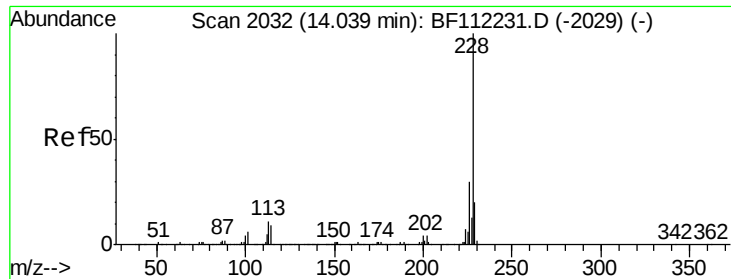
Sohil
 2/19/2019 9:38:42 AM



#81
 Benzo(a)anthracene
 Concen: 2.411 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF112603.D
 Acq: 18 Feb 2019 16:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	34.0
229	21.8	16.5	24.7





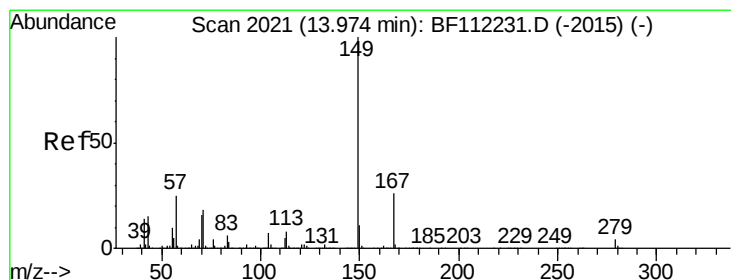
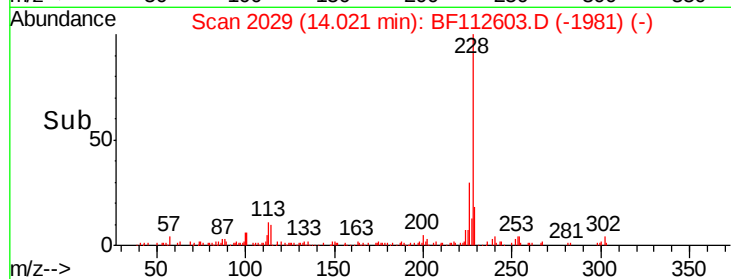
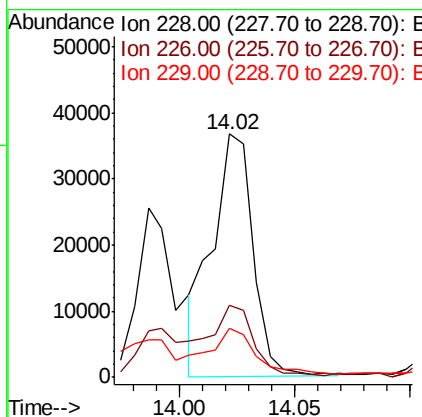
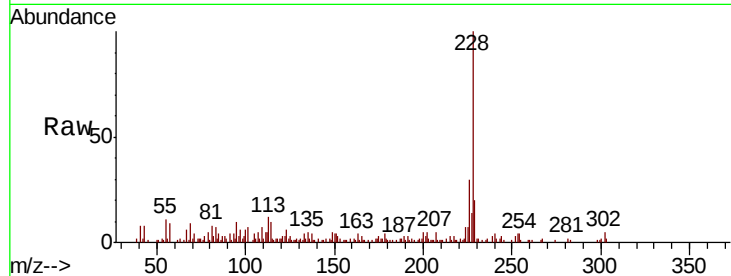
#83
Chrysene
Concen: 4.374 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF112603.D
Acq: 18 Feb 2019 16:13

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-8

Tot Ion:228	Resp:	45153
Ion Ratio	Lower	Upper
228 100		
226 29.5	25.0	37.6
229 20.3	16.6	24.8

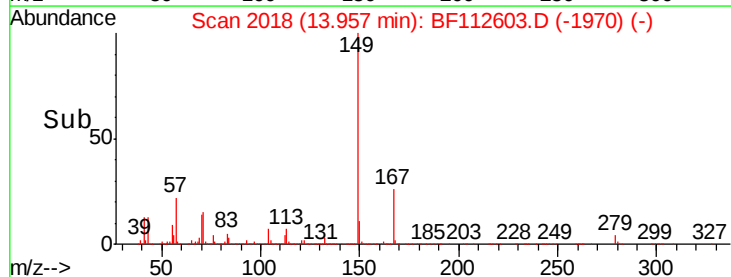
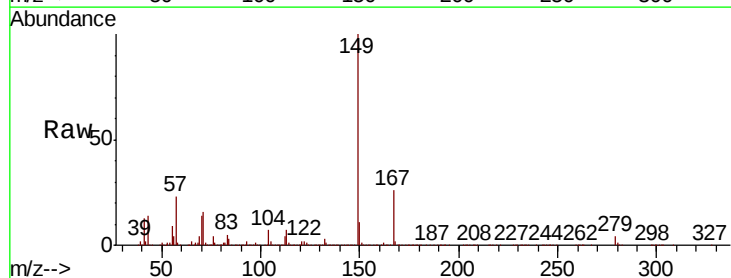
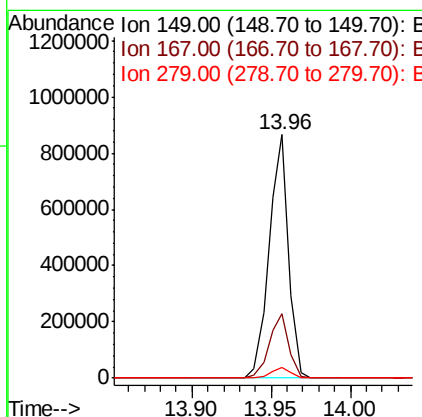
Manual Integrations
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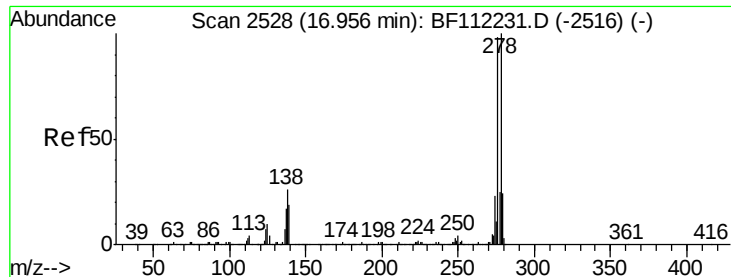
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 84.518 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF112603.D
Acq: 18 Feb 2019 16:13

Tgt Ion:149	Resp:	739334
Ion Ratio	Lower	Upper
149 100		
167 26.3	22.5	33.7
279 4.3	3.8	5.6





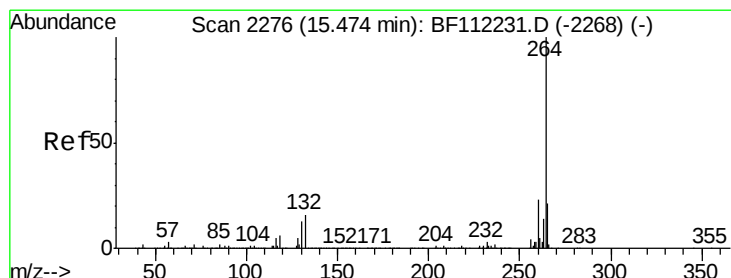
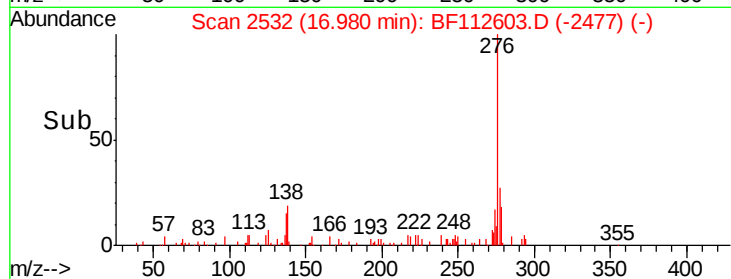
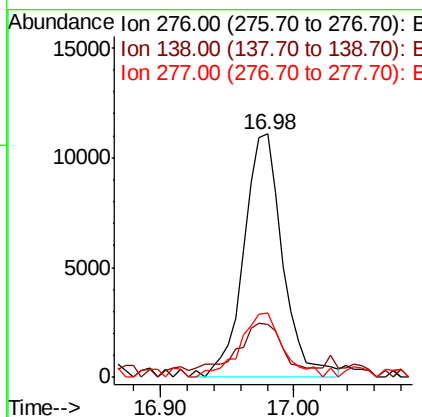
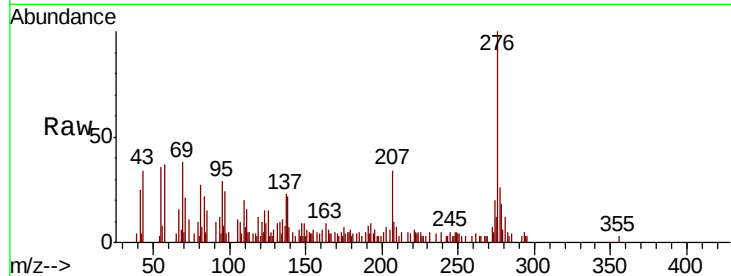
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.736 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. 0.02 min
 Lab File: BF112603.D
 Acq: 18 Feb 2019 16:13

Instrument :
 BNA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-8

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.8	22.6	34.0
277	28.9	20.3	30.5

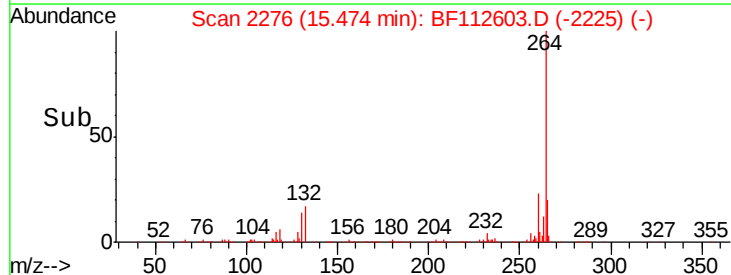
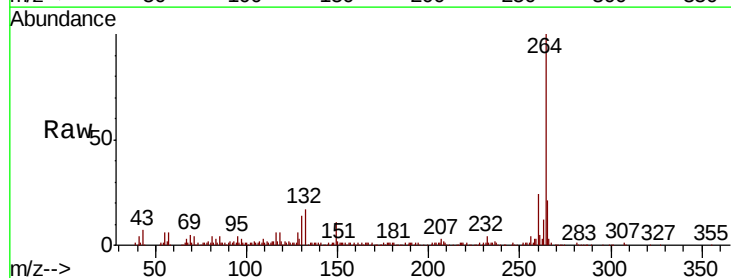
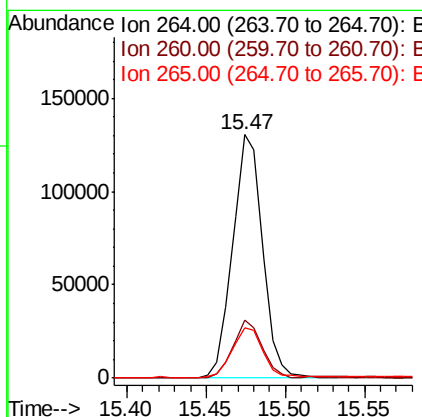
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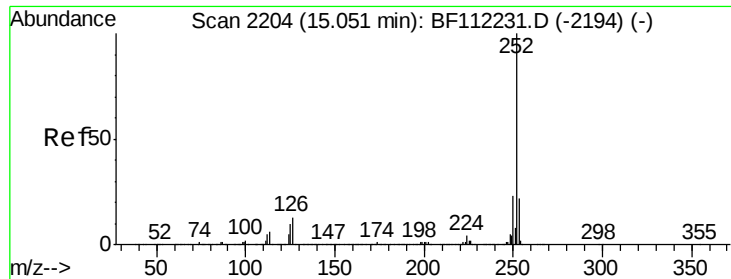
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BF112603.D
 Acq: 18 Feb 2019 16:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	20.7	17.0	25.4





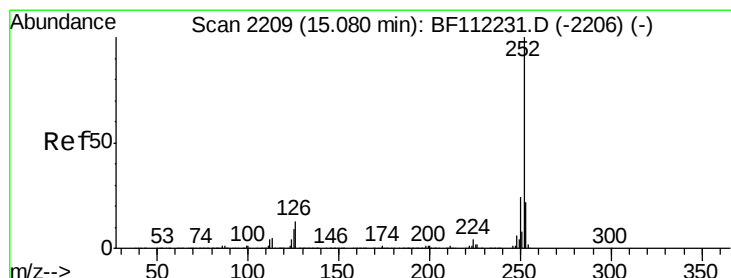
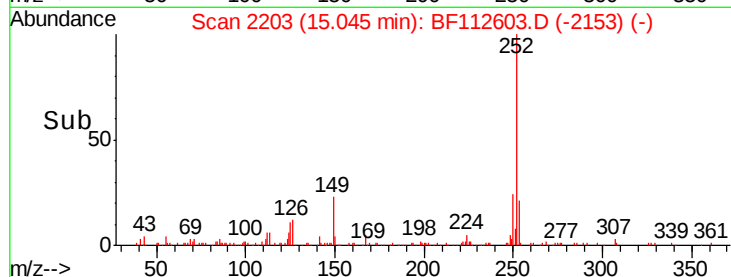
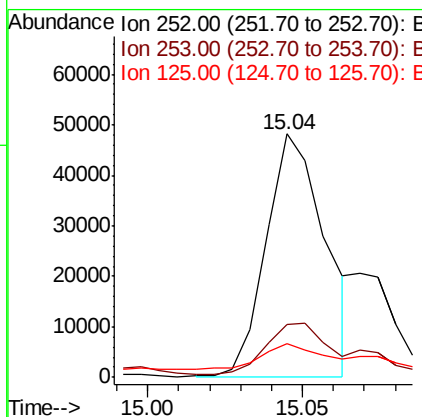
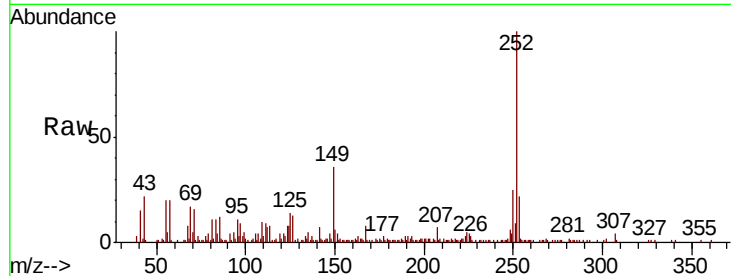
#88
Benzo(b)fluoranthene
Concen: 6.247 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112603.D
Acq: 18 Feb 2019 16:13

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-8

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	13.8	8.7	13.1

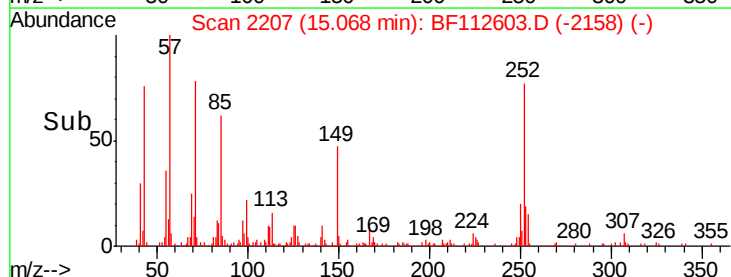
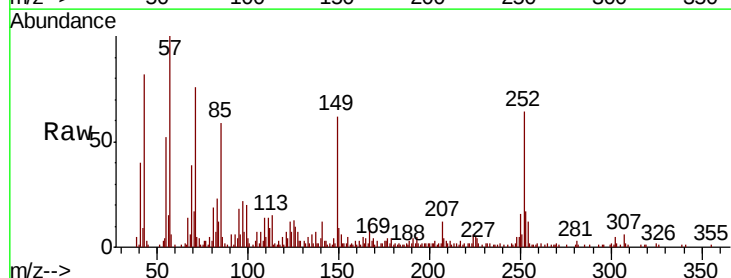
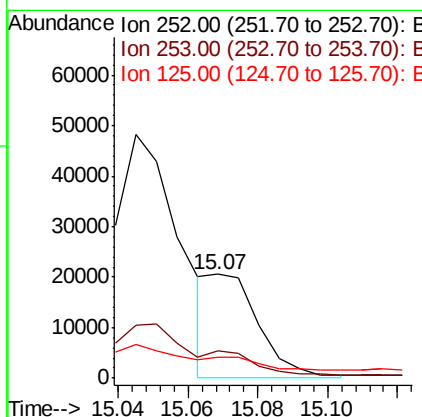
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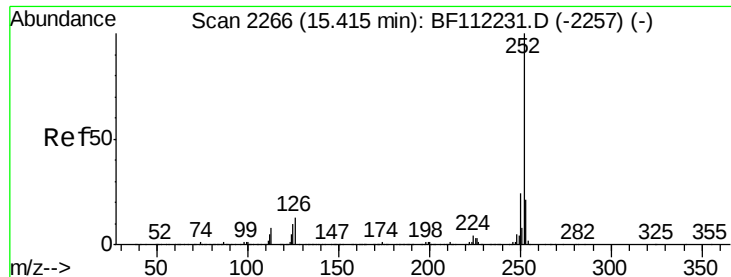
Sohil
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#89
Benzo(k)fluoranthene
Concen: 2.073 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF112603.D
Acq: 18 Feb 2019 16:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.0	27.0
125	20.4	9.1	13.7





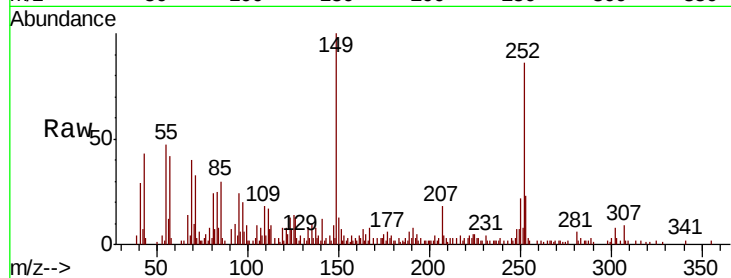
#90
Benzo(a)pyrene
Concen: 2.440 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF112603.D
Acq: 18 Feb 2019 16:13

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-8

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	26.5	17.5	26.3#
125	16.1	9.0	13.4#

Manual Integrations
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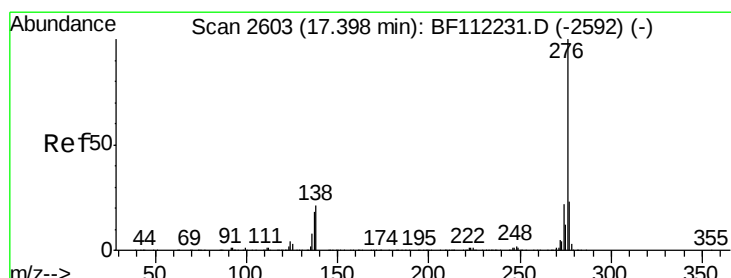
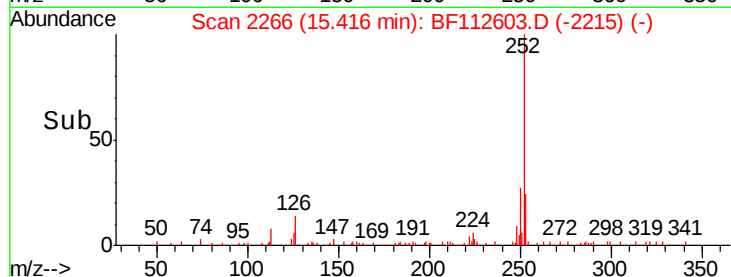
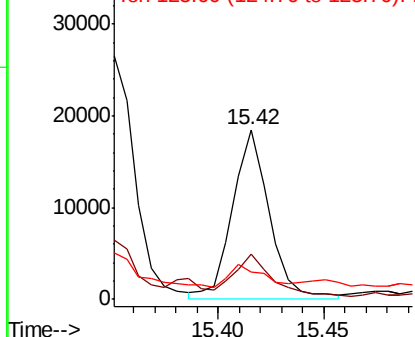


Abundance

Ion 252.00 (251.70 to 252.70): E

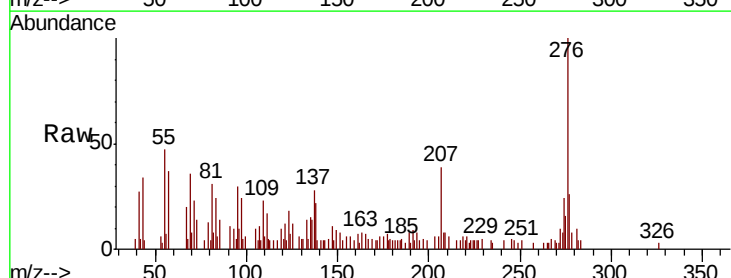
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 3.153 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.04 min
Lab File: BF112603.D
Acq: 18 Feb 2019 16:13

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	26.2	19.4	29.0
138	21.5	19.1	28.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

