

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
 Data File : BF112602.D
 Acq On : 18 Feb 2019 15:46
 Operator : JU/SJ
 Sample : K1518-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-1

Manual Integrations
 APPROVED

Sohil
 2/19/2019 9:38:39 AM

Quant Time: Feb 18 16:38:28 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	77340	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	304910	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	148422	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	272248	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	190520	20.00	ng	-0.01
87) Perylene-d12	15.47	264	174991	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	409521	112.47	ng	-0.02
7) Phenol-d6	6.47	99	518994	102.58	ng	-0.02
23) Nitrobenzene-d5	7.39	82	327422	61.87	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	164062	94.97	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	620454	59.12	ng	-0.02
79) Terphenyl-d14	12.93	244	563188	55.68	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	14873	2.679	ng	Qvalue # 80
50) Dimethylphthalate	9.57	163	41739	3.620	ng	100
71) Phenanthrene	11.37	178	200343	14.155	ng	96
72) Anthracene	11.43	178	59885	4.247	ng	99
75) Fluoranthene	12.57	202	324501	21.376	ng	97
78) Pyrene	12.80	202	299084	22.674	ng	97
81) Benzo(a)anthracene	13.99	228	138162	12.336	ng	98
83) Chrysene	14.03	228	126148	11.800	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	26327	2.906	ng	95
86) Indeno(1,2,3-cd)pyrene	16.97	276	66642m	7.867	ng	
88) Benzo(b)fluoranthene	15.04	252	159791m	15.269	ng	
89) Benzo(k)fluoranthene	15.07	252	47682m	4.757	ng	
90) Benzo(a)pyrene	15.42	252	110157	11.698	ng	100
91) Dibenzo(a,h)anthracene	16.96	278	17708	2.333	ng	# 81
92) Benzo(a,h,i)perylene	17.42	276	60625	8.467	ng	95

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

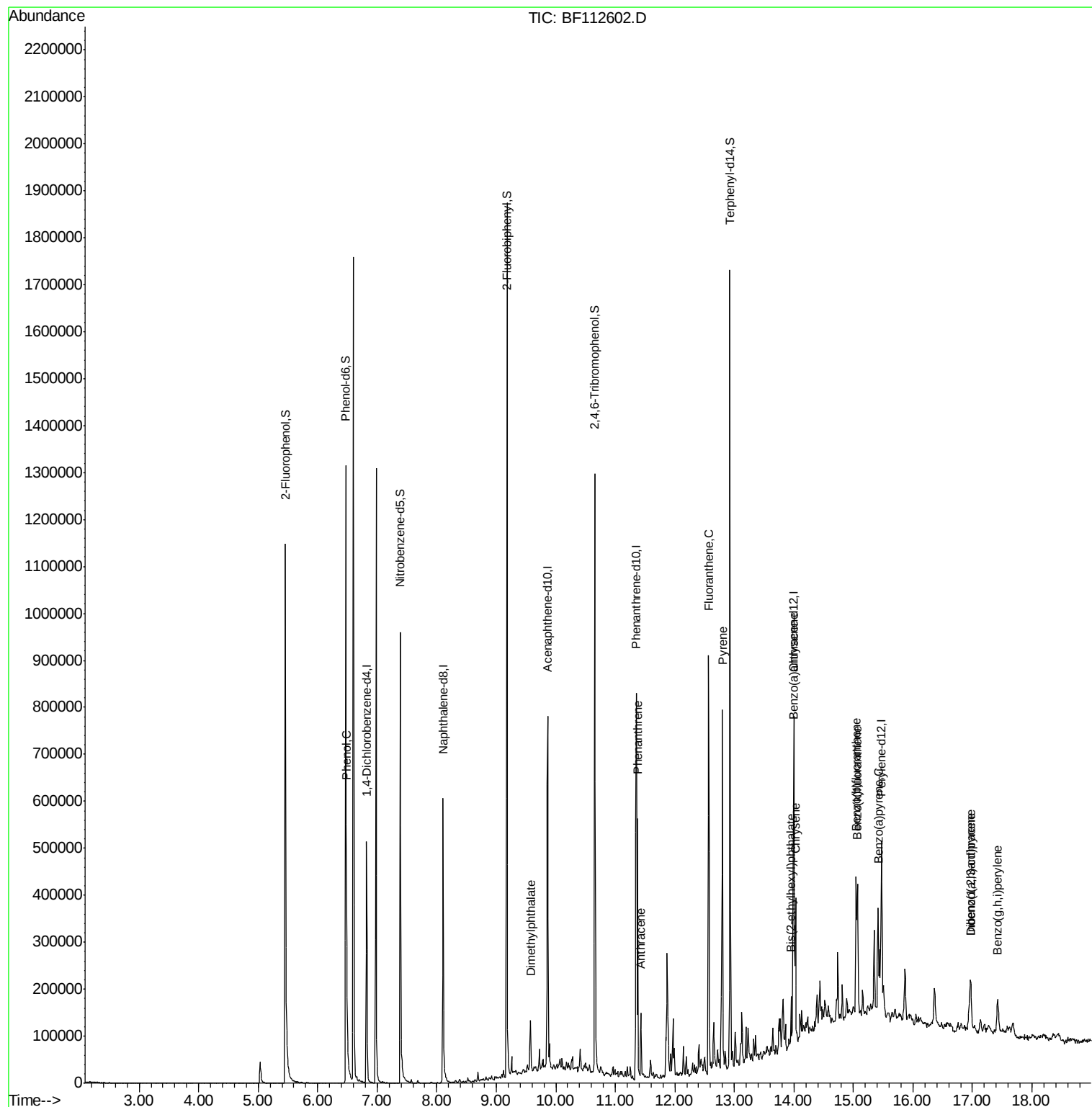
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
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#1

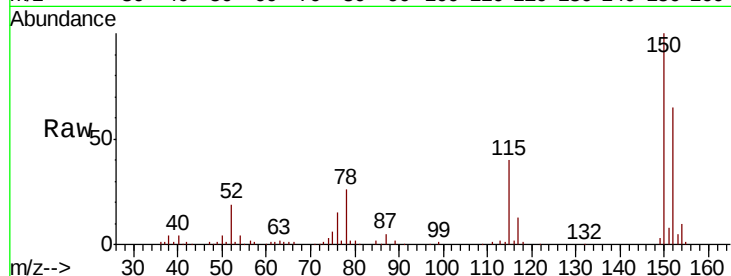
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112602.D
Acq: 18 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	127.4	191.0
115	61.6	45.5	68.3

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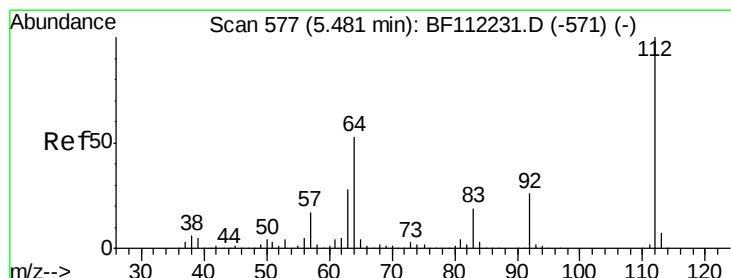
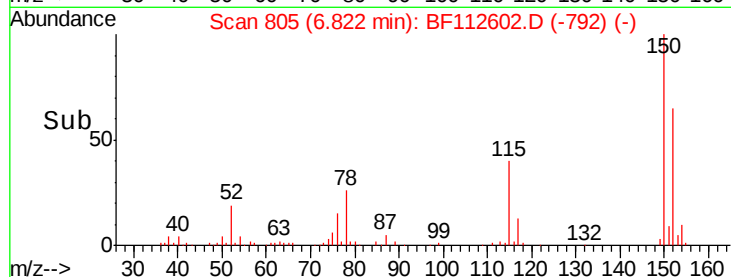
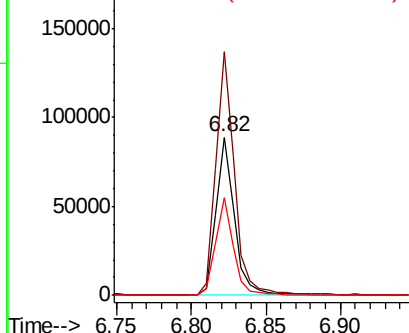


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

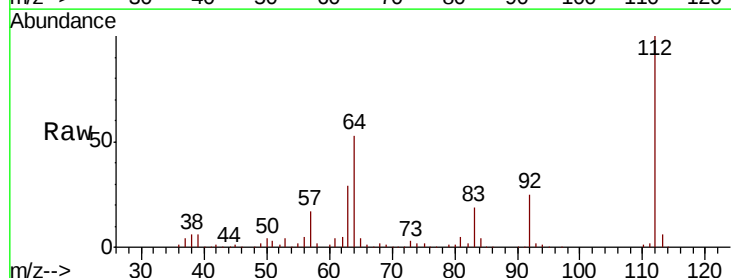
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 112.471 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF112602.D
Acq: 18 Feb 2019 15:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	45.7	68.5
63	29.4	23.6	35.4

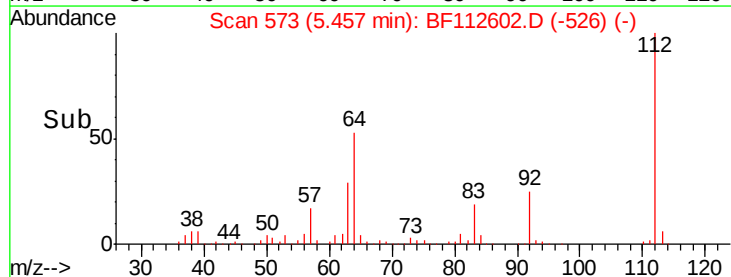
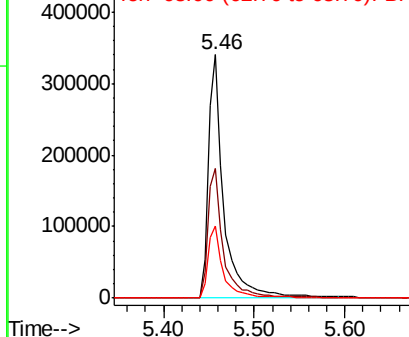


Abundance

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: 102.577 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112602.D

Acq: 18 Feb 2019 15:46

Instrument :

BNA_F

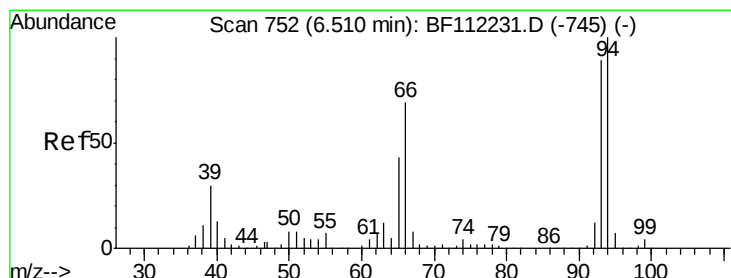
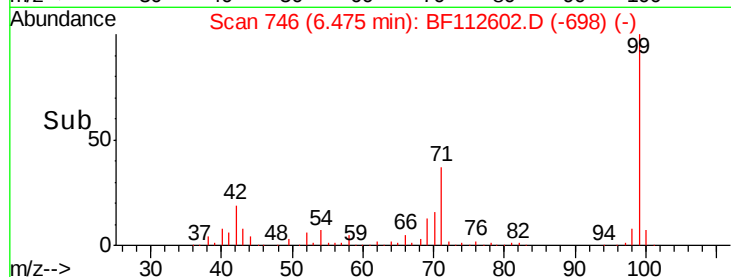
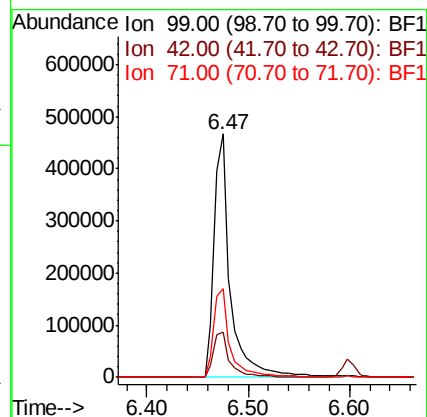
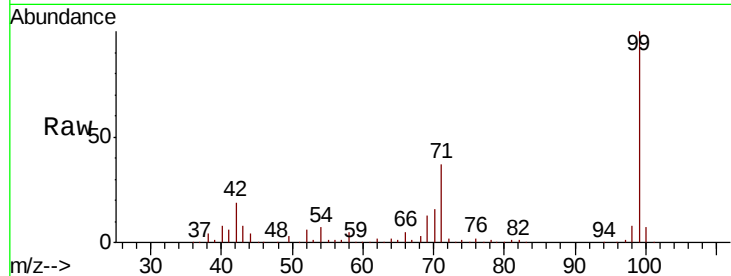
ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-1

Tot Ion:	99	Resp:	518994
Ion Ratio	Lower	Upper	
99	100		
42	18.5	15.1	22.7
71	36.6	26.9	40.3

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#10

Phenol

Concen: 2.679 ng

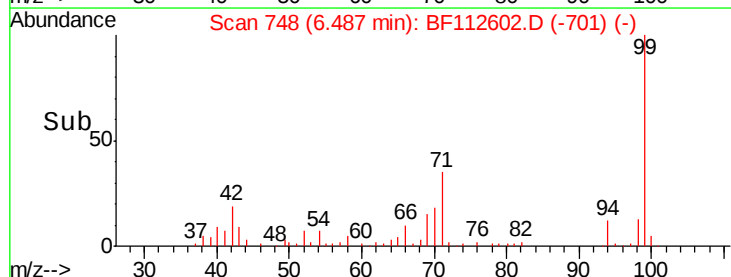
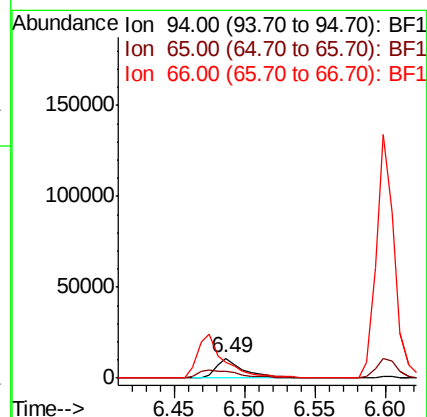
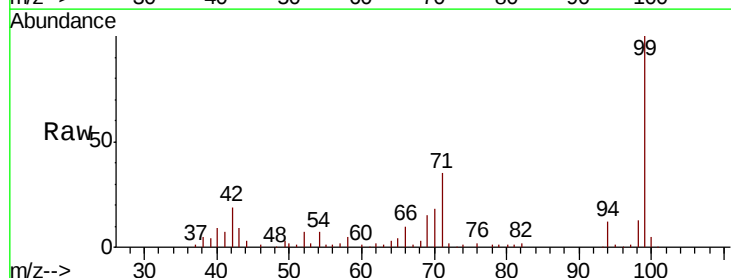
RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF112602.D

Acq: 18 Feb 2019 15:46

Tgt Ion:	94	Resp:	14873
Ion Ratio	Lower	Upper	
94	100		
65	34.4	20.3	60.3
66	83.3	42.4	82.4#





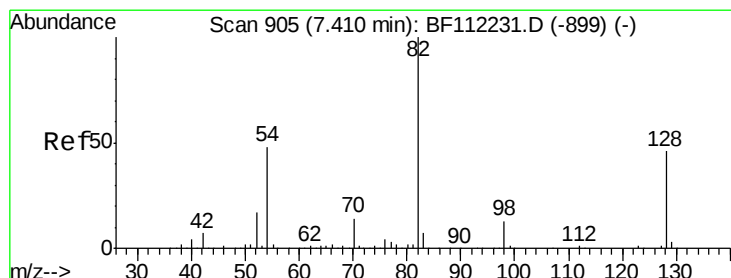
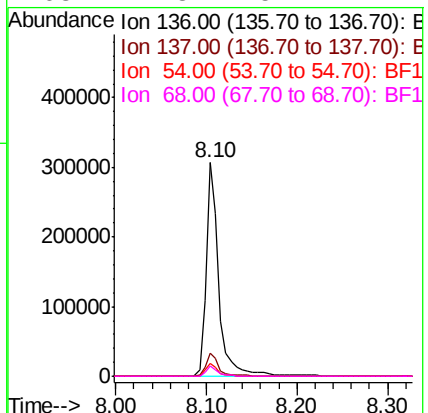
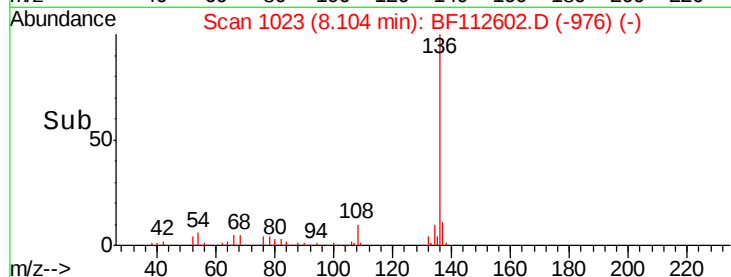
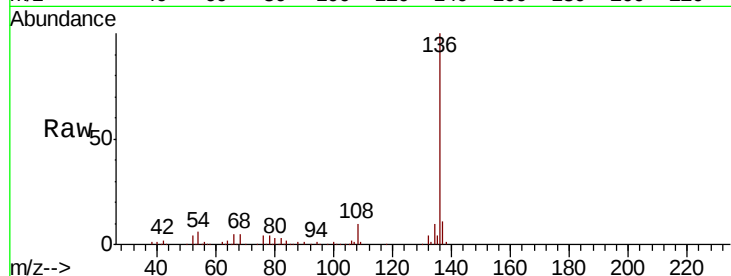
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112602.D
Acq: 18 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.7	9.1	13.7
54	6.2	5.9	8.9
68	4.8	5.1	7.7#

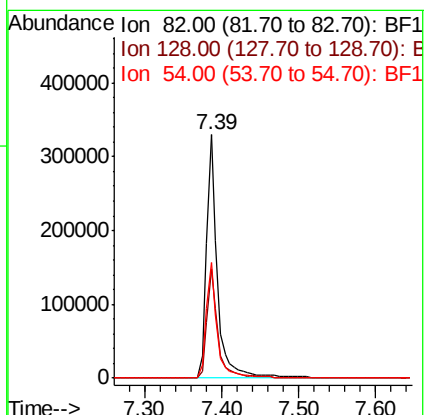
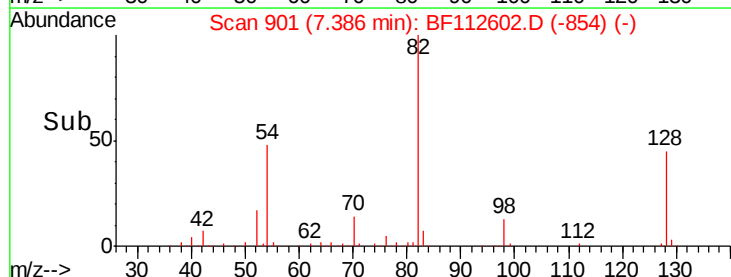
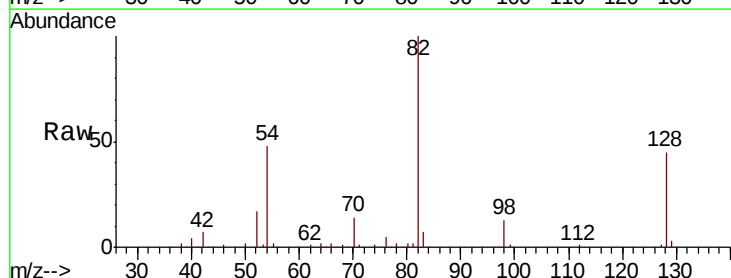
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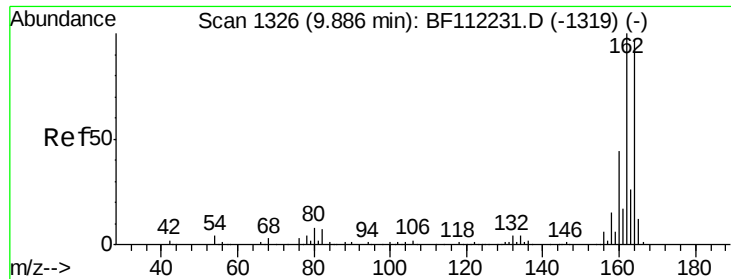
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#23
Nitrobenzene-d5
Concen: 61.874 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112602.D
Acq: 18 Feb 2019 15:46

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	44.7	37.8	56.8
54	47.7	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: BF112602.D

Acq: 18 Feb 2019 15:46

Instrument :

BNA_F

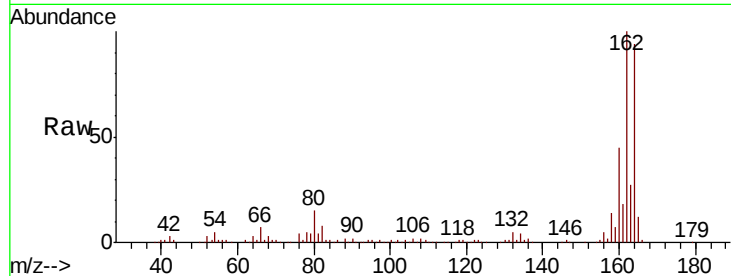
ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-1

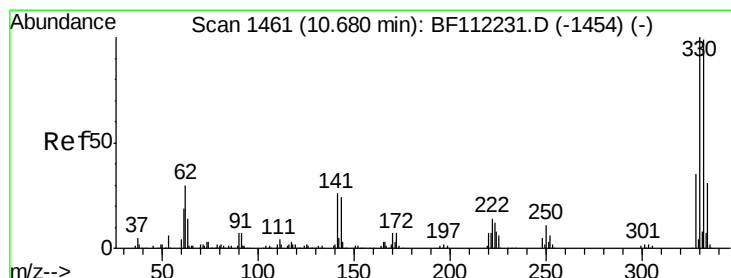
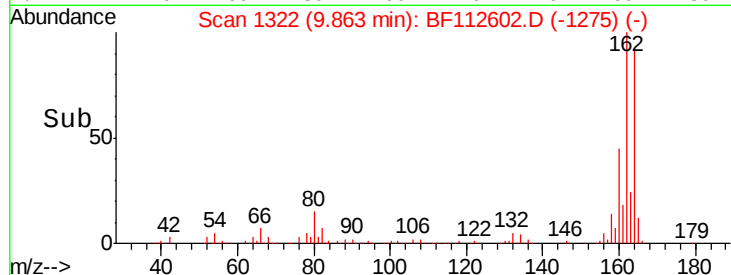
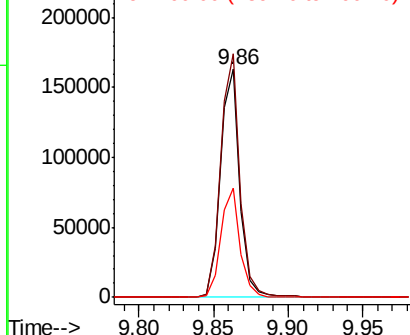
Tot Ion:	164	Resp:	148422
Ion Ratio	Lower	Upper	
164	100		
162	106.8	82.2	123.4
160	48.0	36.2	54.4

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 94.966 ng

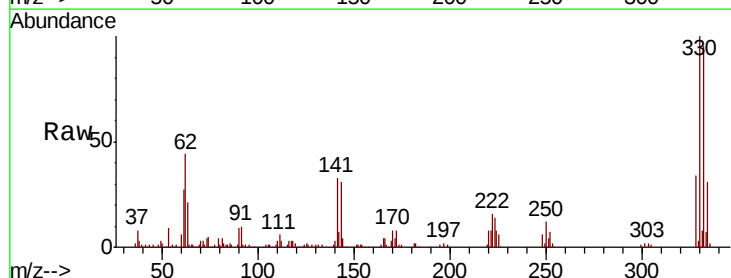
RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

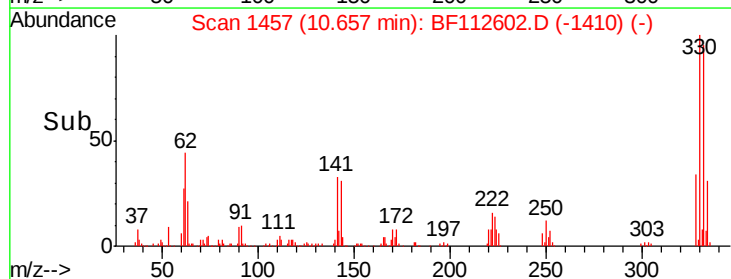
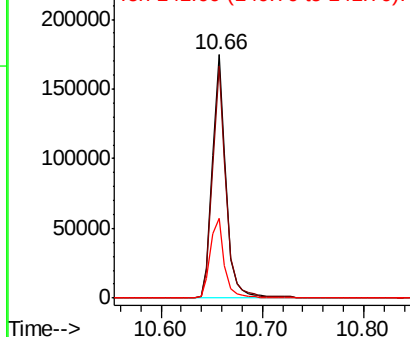
Lab File: BF112602.D

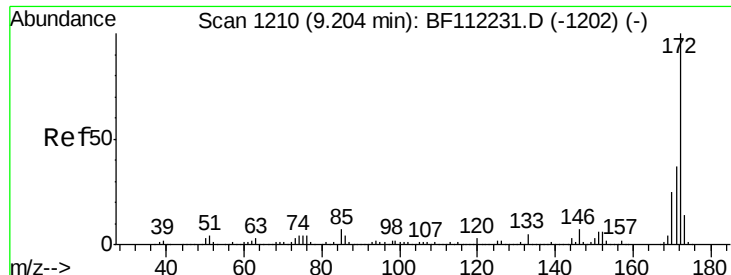
Acq: 18 Feb 2019 15:46

Tgt Ion:	330	Resp:	164062
Ion Ratio	Lower	Upper	
330	100		
332	94.7	76.6	114.8
141	34.9	24.3	36.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





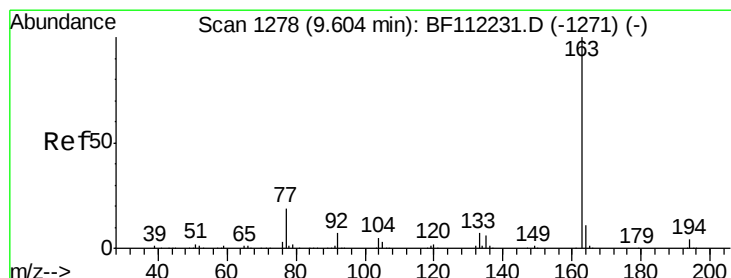
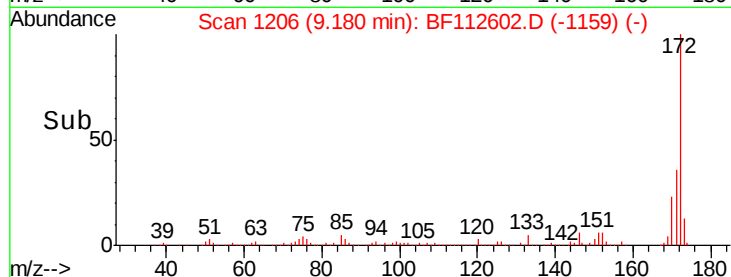
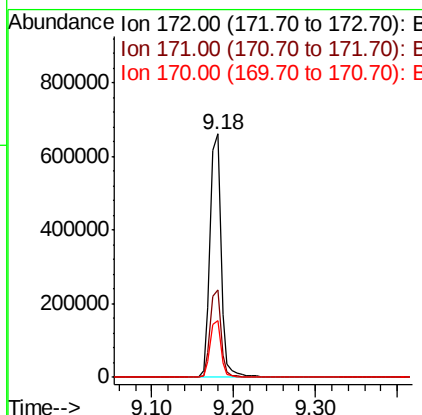
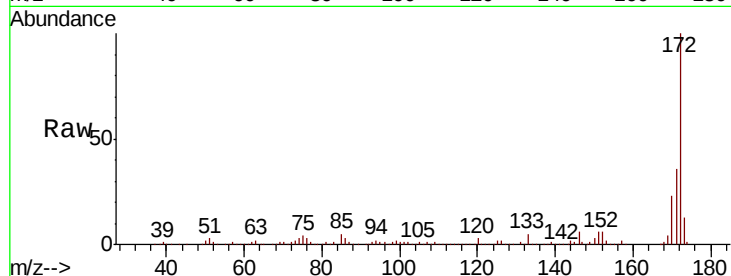
#45
2-Fluorobiphenyl
Concen: 59.124 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF112602.D
Acq: 18 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.5	45.7
170	23.4	20.2	30.4

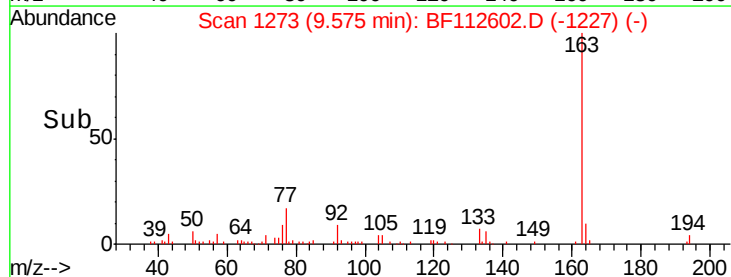
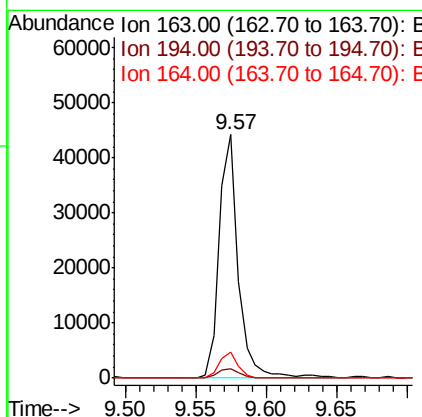
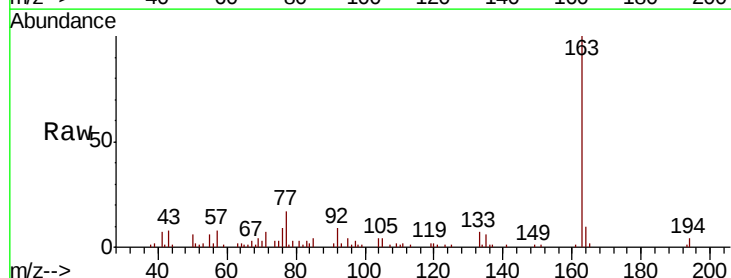
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#50
Dimethylphthalate
Concen: 3.620 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF112602.D
Acq: 18 Feb 2019 15:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.5	8.5	12.7





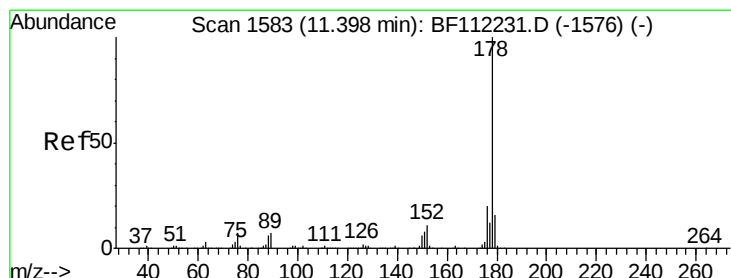
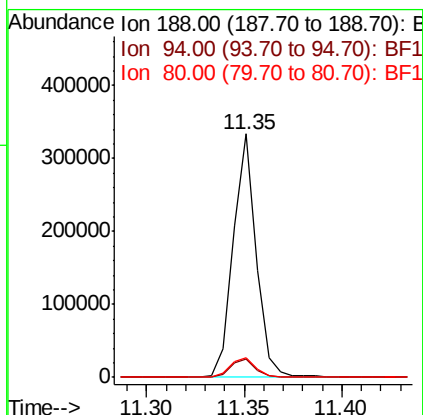
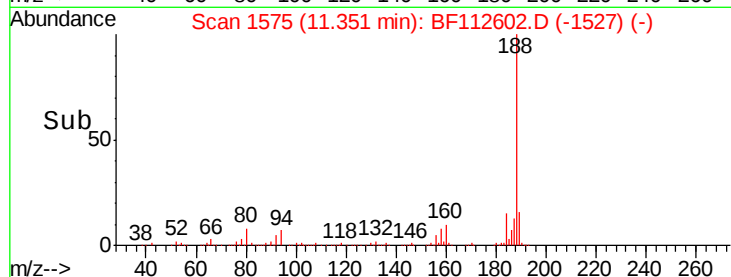
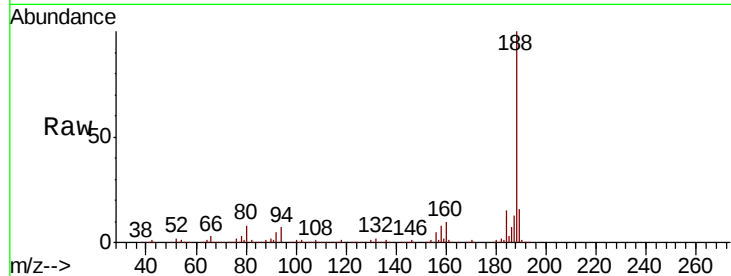
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112602.D
Acq: 18 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.4	8.2	12.2#
80	8.1	8.9	13.3#

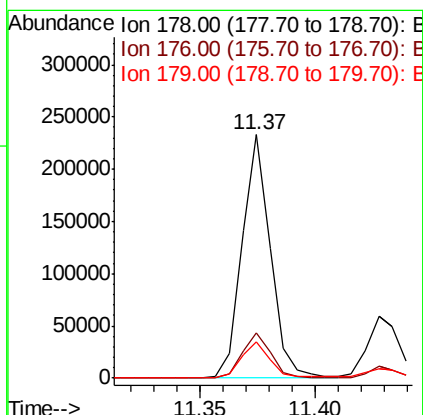
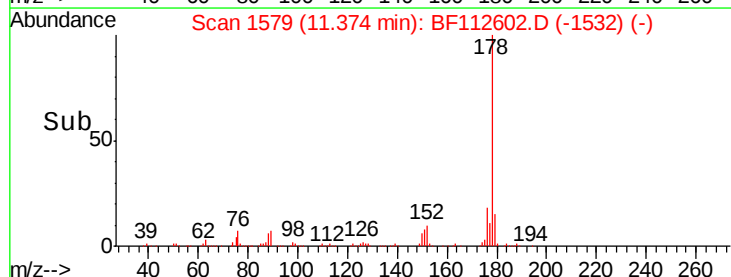
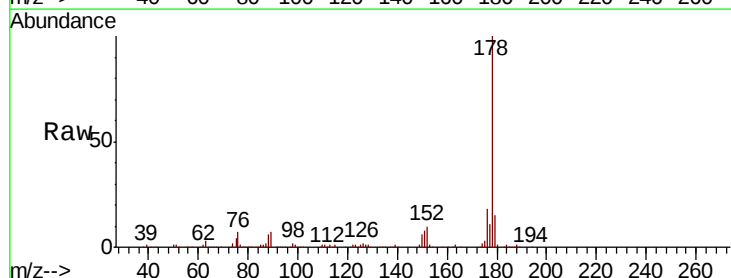
Manual Integrations
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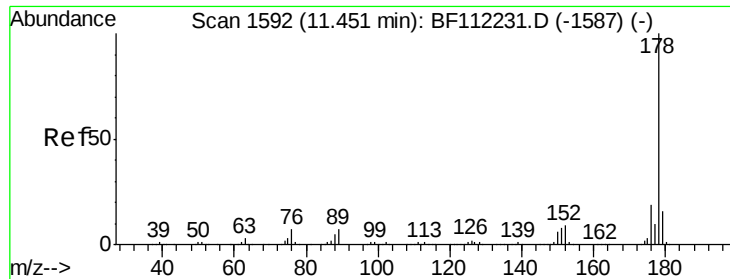
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#71
Phenanthrene
Concen: 14.155 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF112602.D
Acq: 18 Feb 2019 15:46

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.4	16.3	24.5
179	14.7	13.0	19.4





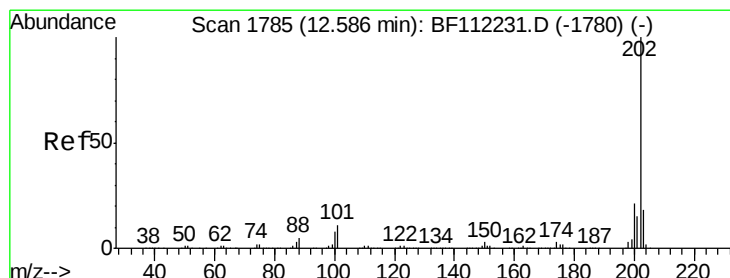
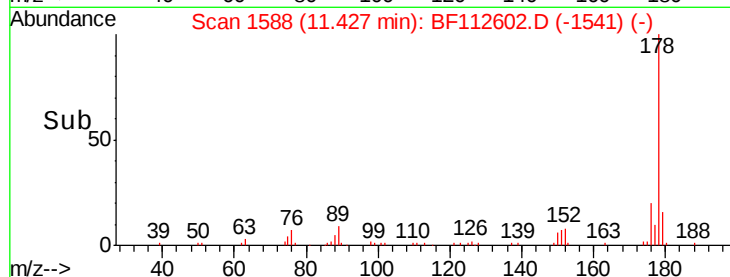
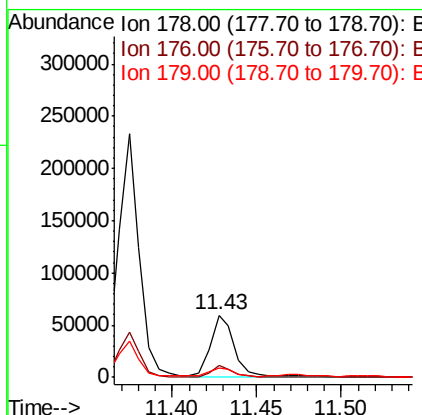
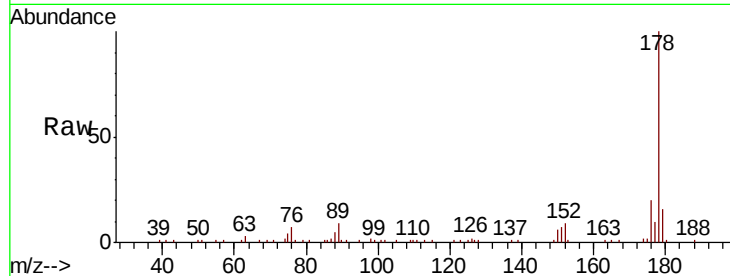
#72
 Anthracene
 Concen: 4.247 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.02 min
 Lab File: BF112602.D
 Acq: 18 Feb 2019 15:46

Instrument :
 BNA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.5	23.3
179	15.9	12.8	19.2

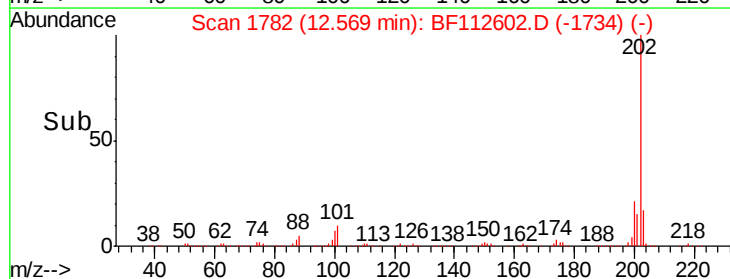
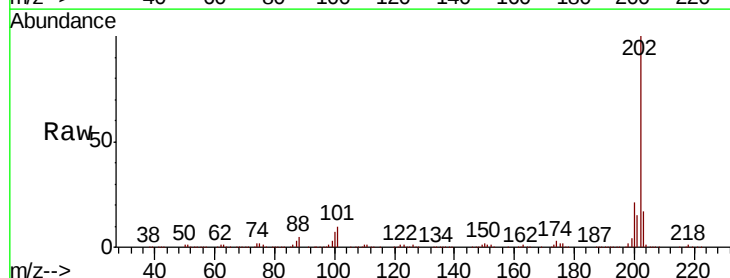
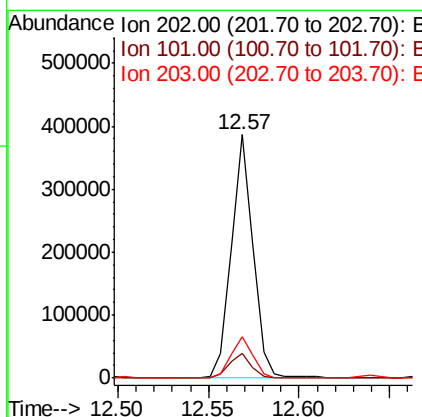
Manual Integrations
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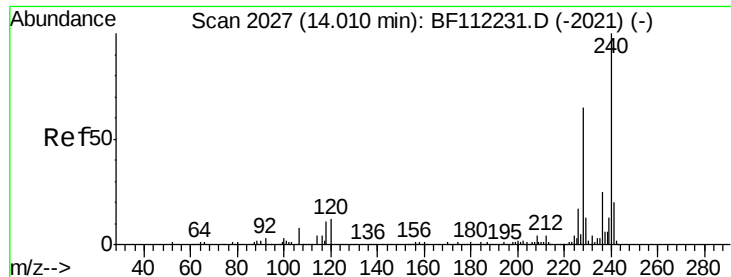
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#75
 Fluoranthene
 Concen: 21.376 ng
 RT: 12.57 min Scan# 1782
 Delta R.T. -0.02 min
 Lab File: BF112602.D
 Acq: 18 Feb 2019 15:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.8
203	17.2	0.0	38.4





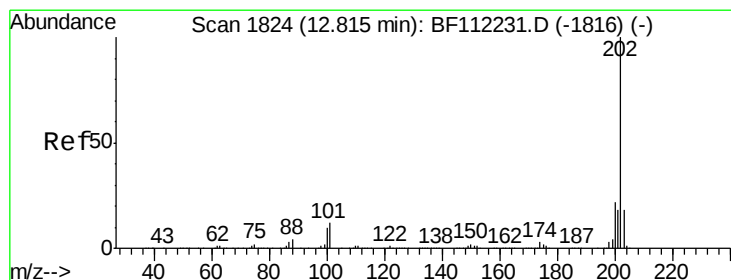
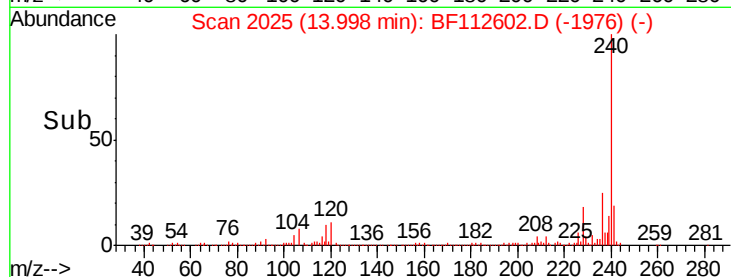
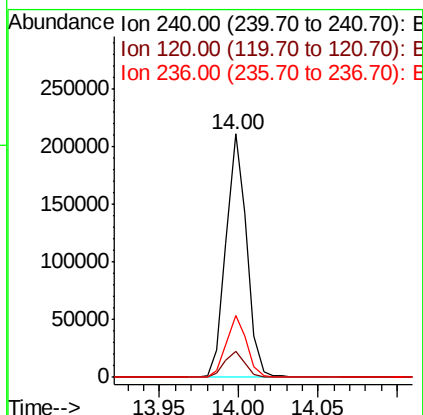
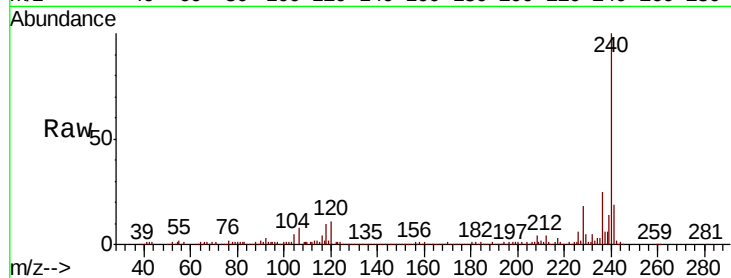
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112602.D
Acq: 18 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.0	13.6
236	25.3	20.7	31.1

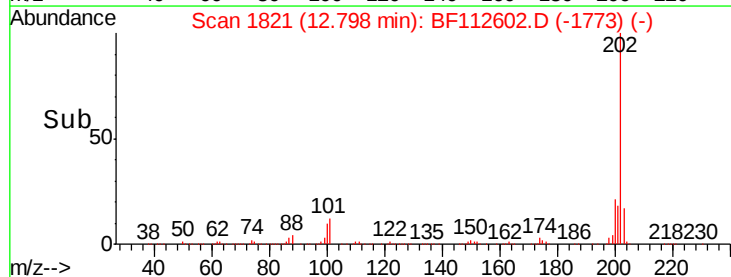
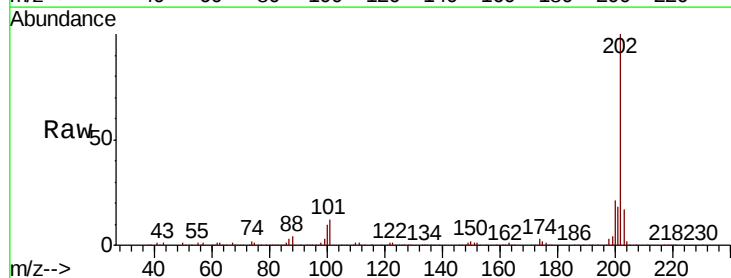
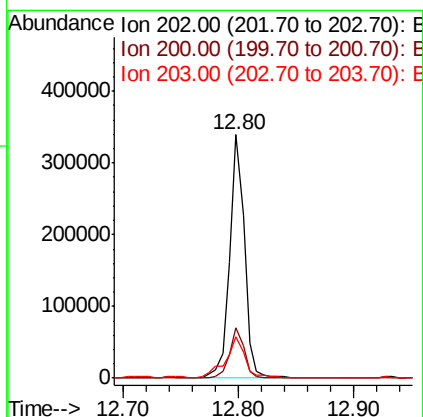
Manual Integrations
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#78
Pyrene
Concen: 22.674 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF112602.D
Acq: 18 Feb 2019 15:46

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.7	26.5
203	17.0	14.6	22.0





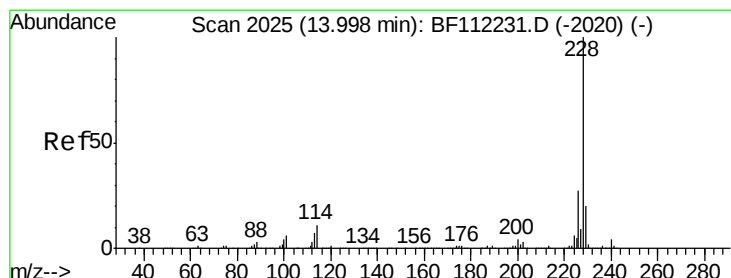
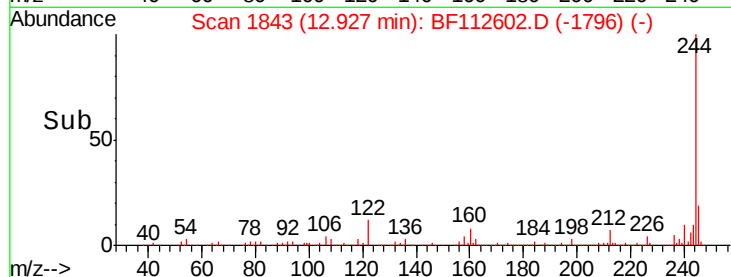
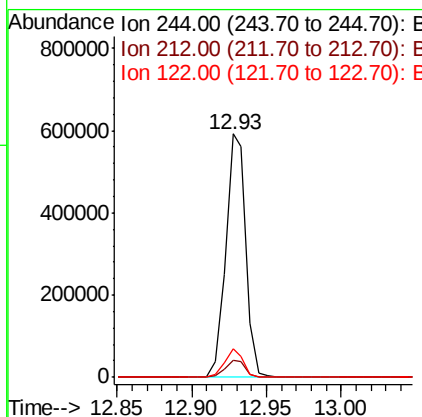
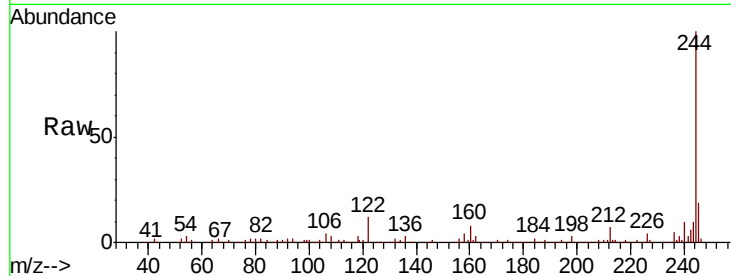
#79
 Terphenyl-d14
 Concen: 55.676 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.02 min
 Lab File: BF112602.D
 Acq: 18 Feb 2019 15:46

Instrument :
 BNA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	11.8	9.8	14.6

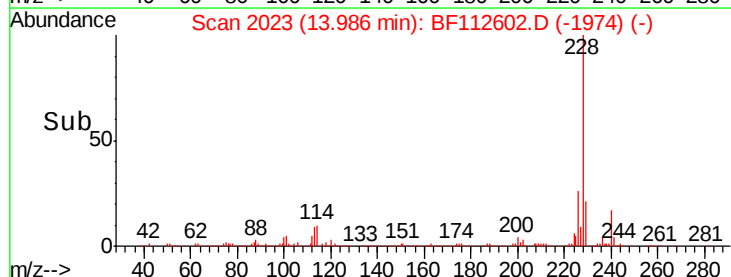
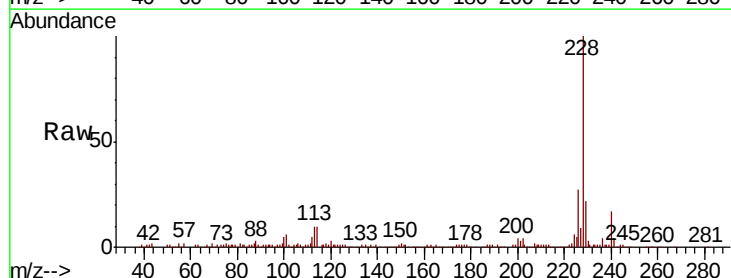
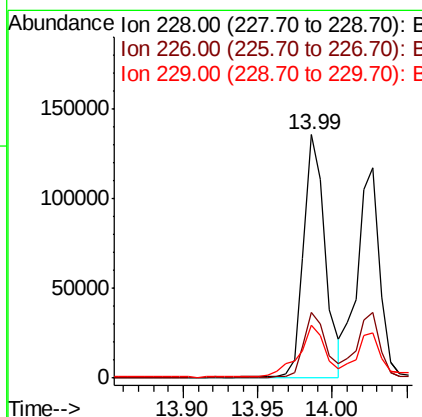
Manual Integrations
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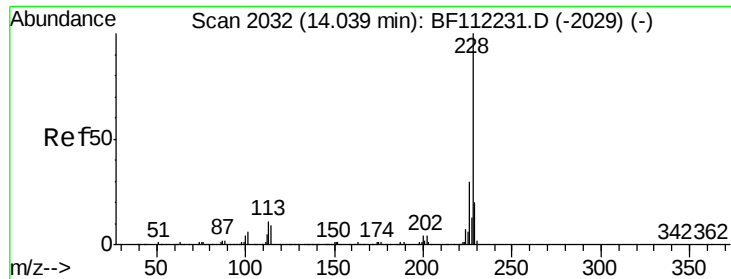
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#81
 Benzo(a)anthracene
 Concen: 12.336 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF112602.D
 Acq: 18 Feb 2019 15:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	34.0
229	21.7	16.5	24.7





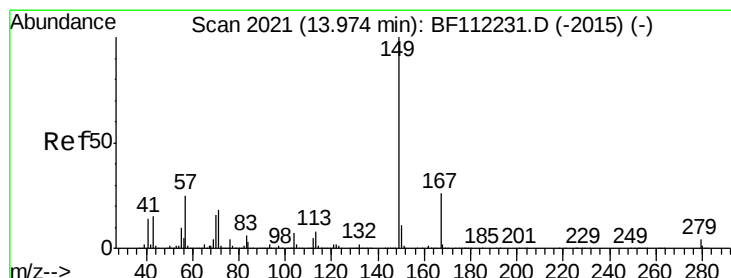
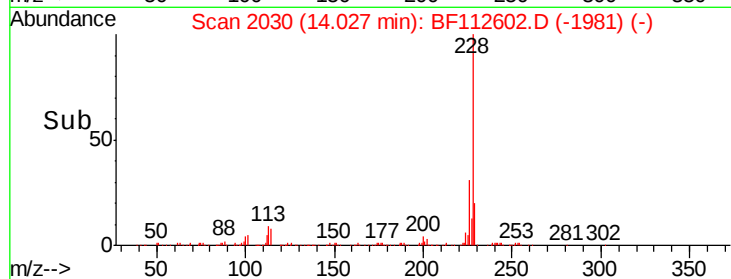
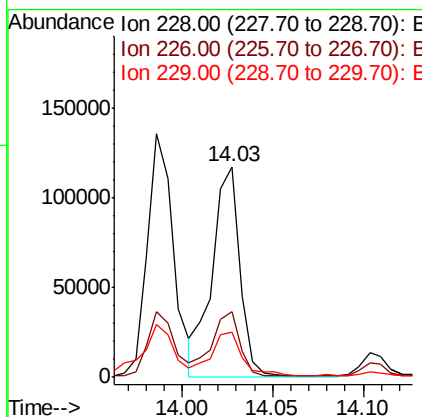
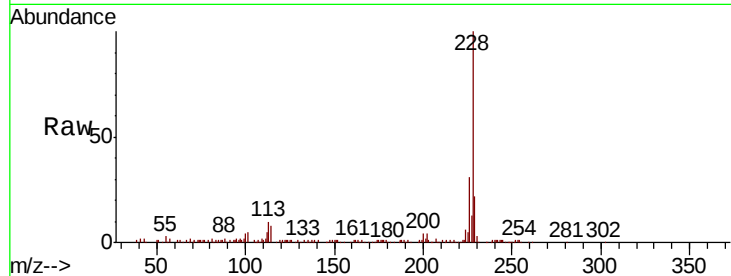
#83
Chrysene
Concen: 11.800 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112602.D
Acq: 18 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tot Ion:	228	Resp:	126148
Ion Ratio	Lower	Upper	
228	100		
226	31.5	25.0	37.6
229	21.6	16.6	24.8

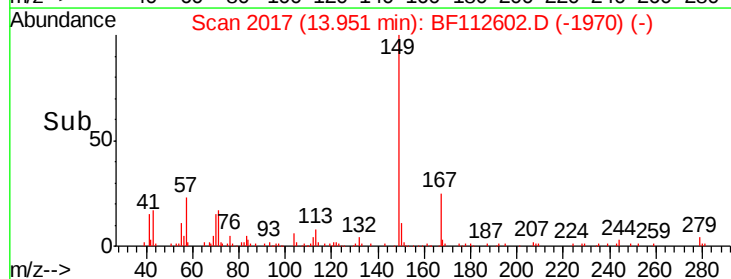
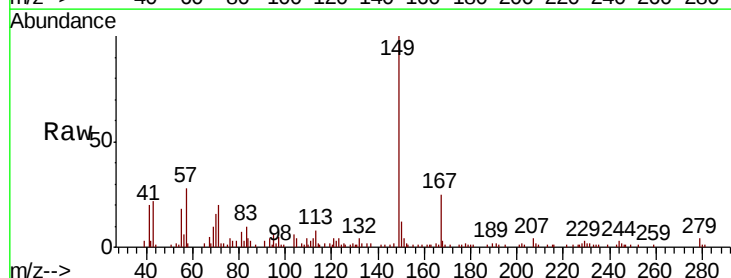
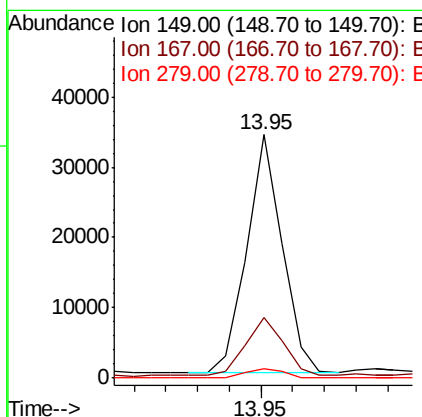
Manual Integrations
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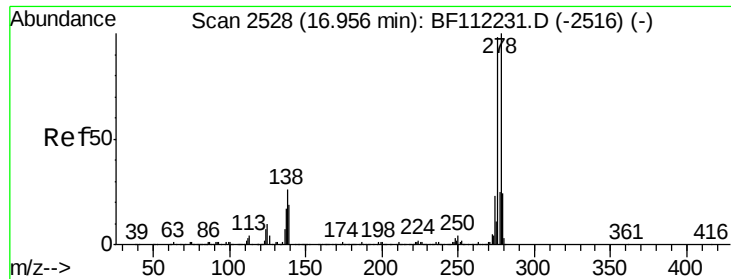
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.906 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF112602.D
Acq: 18 Feb 2019 15:46

Tgt Ion:	149	Resp:	26327
Ion Ratio	Lower	Upper	
149	100		
167	25.0	22.5	33.7
279	4.0	3.8	5.6





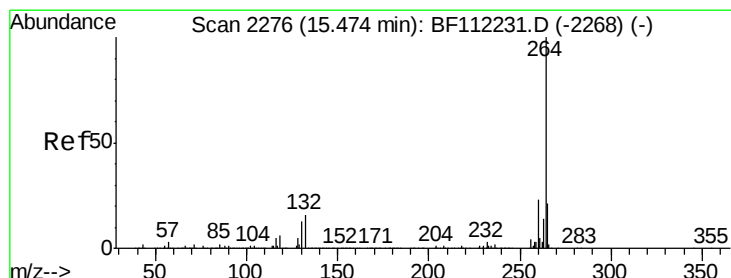
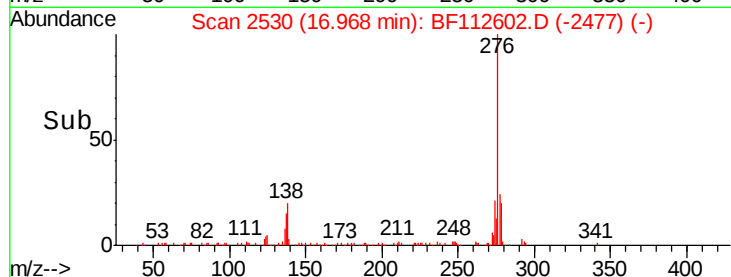
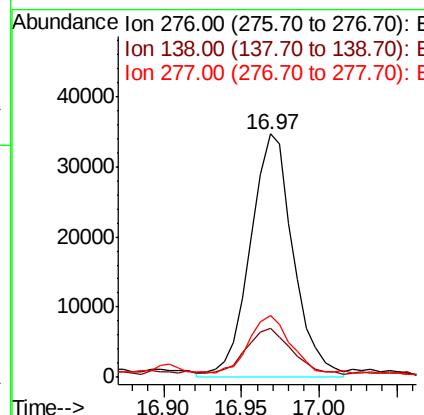
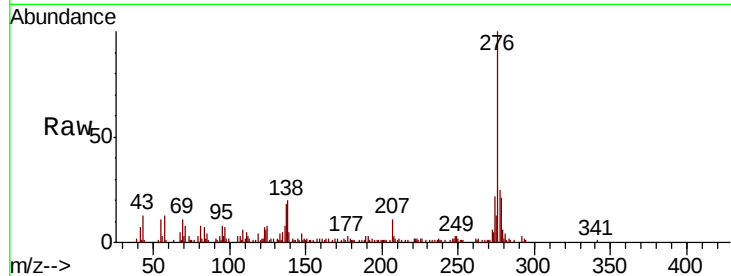
#86
Indeno(1,2,3-cd)pyrene
Concen: 7.867 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF112602.D
Acq: 18 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	3.5	22.6	34.0#	
277	3.3	20.3	30.5#	

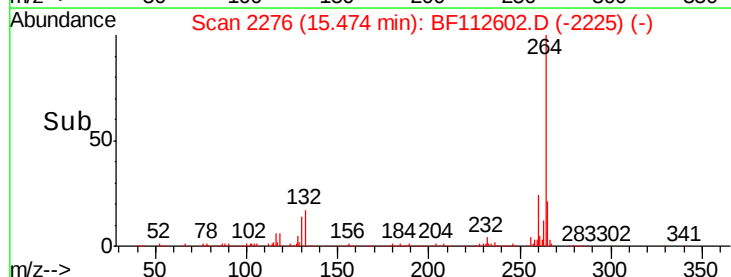
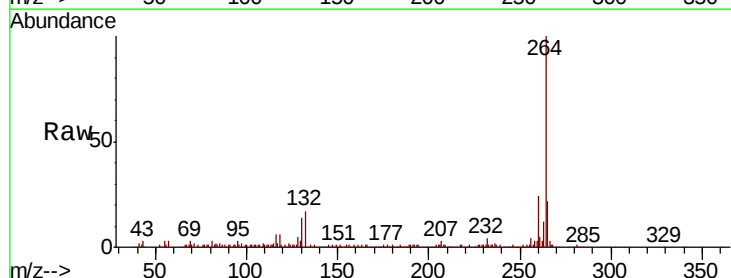
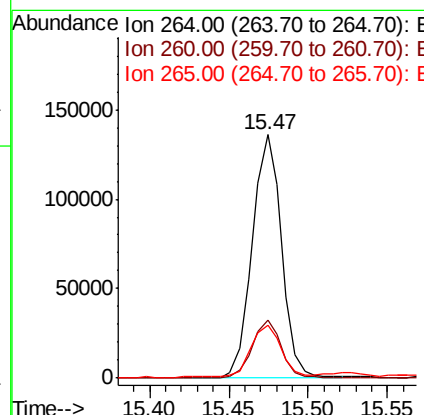
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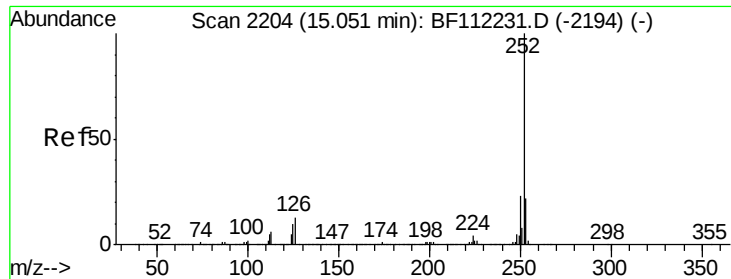
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112602.D
Acq: 18 Feb 2019 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.6	18.2	27.2	
265	21.6	17.0	25.4	





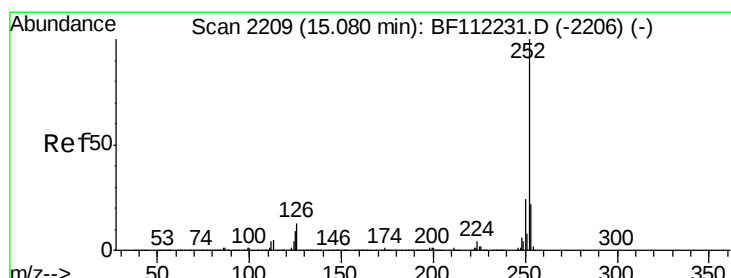
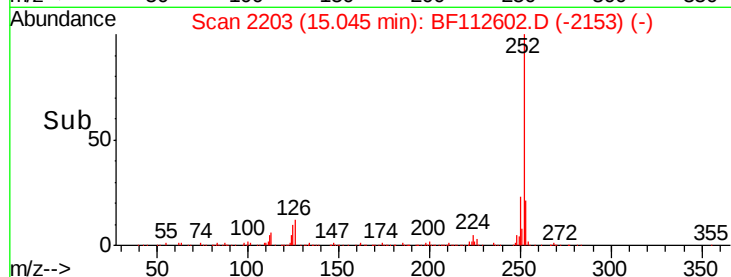
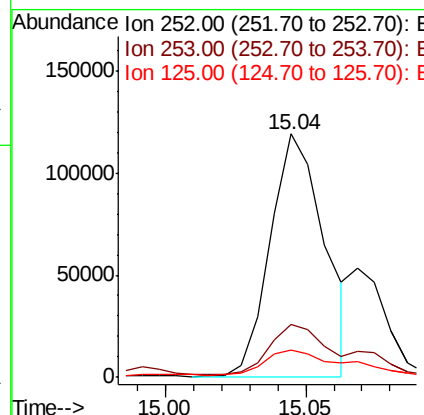
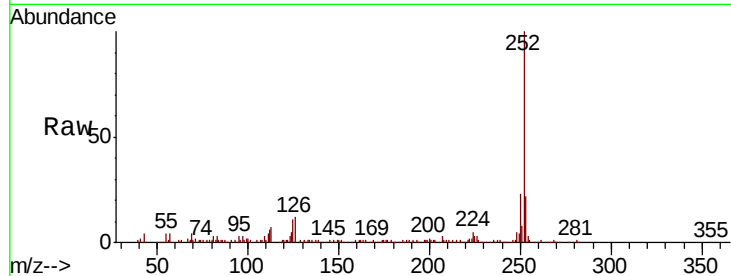
#88
Benzo(b)fluoranthene
Concen: 15.269 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112602.D
Acq: 18 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tot Ion	Ratio	Resp	Lower	Upper
252	100	159791		
253	21.9	18.0	27.0	
125	11.2	8.7	13.1	

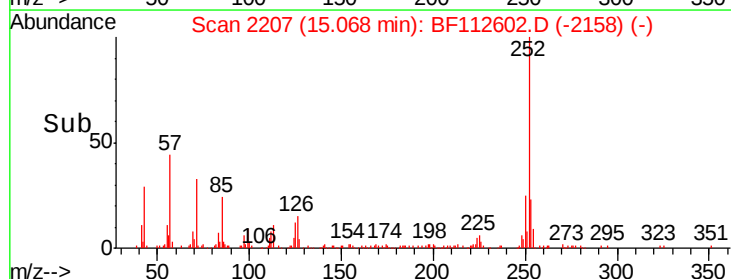
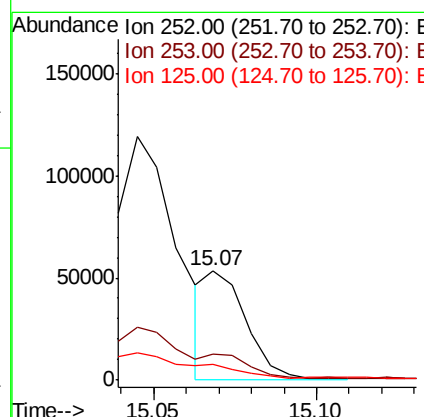
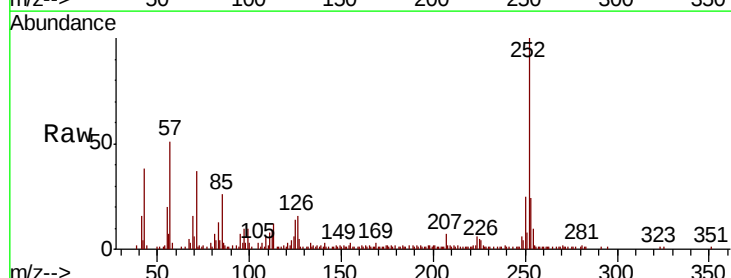
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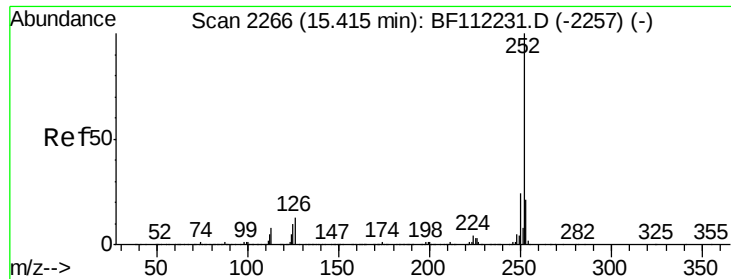
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#89
Benzo(k)fluoranthene
Concen: 4.757 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF112602.D
Acq: 18 Feb 2019 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	47682		
253	23.8	18.0	27.0	
125	14.2	9.1	13.7	





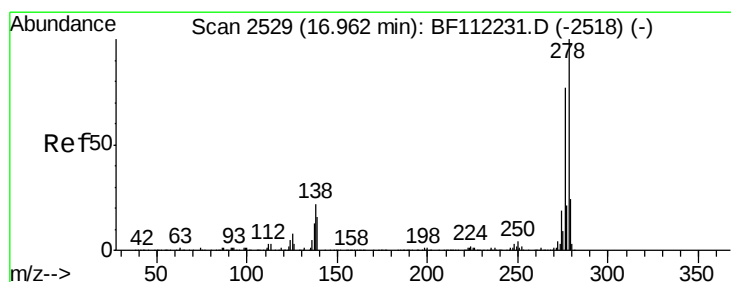
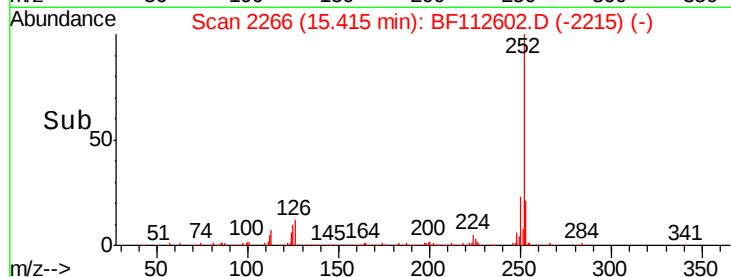
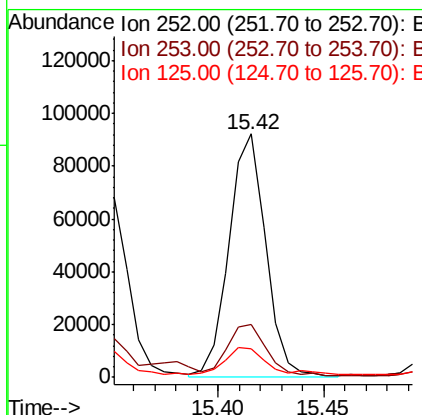
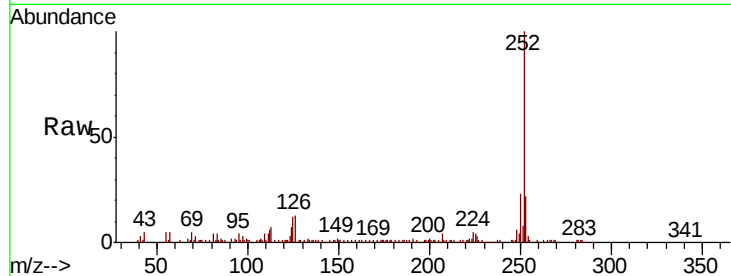
#90
Benzo(a)pyrene
Concen: 11.698 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF112602.D
Acq: 18 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	11.6	9.0	13.4

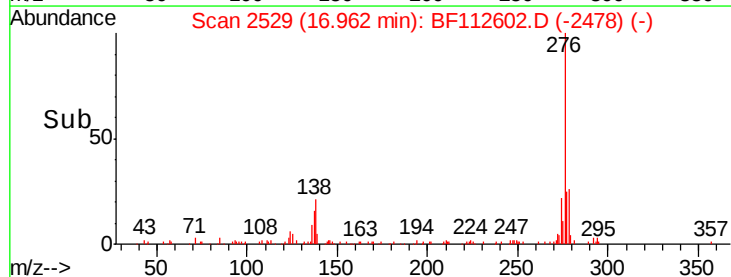
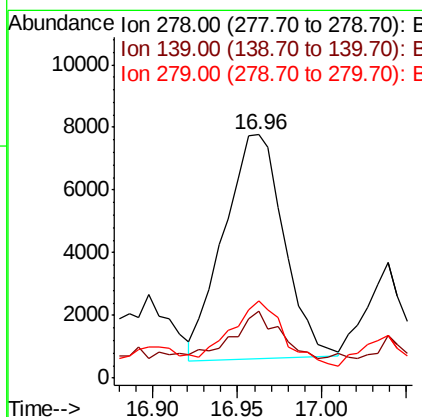
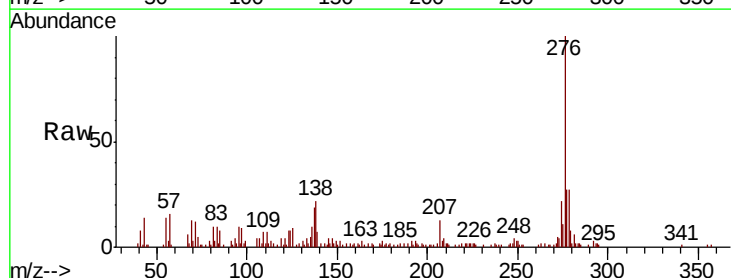
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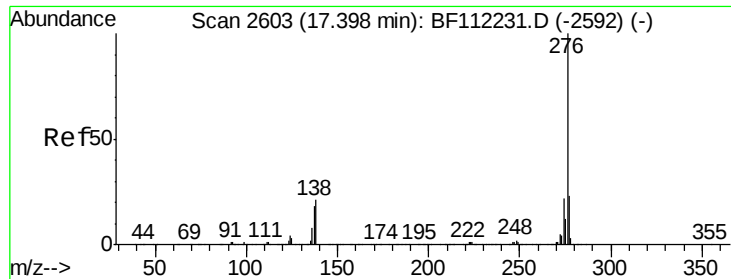
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#91
Dibenzo(a,h)anthracene
Concen: 2.333 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.00 min
Lab File: BF112602.D
Acq: 18 Feb 2019 15:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.6	13.7	20.5#
279	31.5	19.0	28.6#





#92
 Benzo(a,h,i)perylene
 Concen: 8.467 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. 0.02 min
 Lab File: BF112602.D
 Acq: 18 Feb 2019 15:46

Instrument :
 BNA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-1

Tot Ion:	276	Resp:	60625
Ion Ratio	Lower	Upper	
276	100		
277	26.2	19.4	29.0
138	21.2	19.1	28.7

Manual Integrations
 APPROVED

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 2/19/2019 9:38:39 AM

