

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
 Data File : BF112689.D
 Acq On : 25 Feb 2019 13:47
 Operator : JU/SJ
 Sample : K1595-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-CBF-B11

Manual Integrations
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Sohil
 2/26/2019 2:39:06 PM

Quant Time: Feb 25 15:36:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 25 14:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	72381	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	263399	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	106202	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	167954	20.00	ng	0.00
76) Chrysene-d12	13.98	240	174077	20.00	ng	0.00
87) Perylene-d12	15.46	264	162070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	409346	120.13	ng	0.00
7) Phenol-d6	6.48	99	524816	110.83	ng	-0.01
23) Nitrobenzene-d5	7.38	82	324424	70.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	107841	87.24	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	509615	67.87	ng	0.00
79) Terphenyl-d14	12.92	244	401390	43.43	ng	0.00
Target Compounds						
10) Phenol	6.49	94	18545	3.570	ng	Qvalue # 59
50) Dimethylphthalate	9.56	163	39858	4.830	ng	99
52) Acenaphthene	9.88	154	13550	2.149	ng	97
58) Fluorene	10.40	166	19044	2.642	ng	96
71) Phenanthrene	11.36	178	517019	59.212	ng	98
72) Anthracene	11.42	178	112594	12.945	ng	98
73) Carbazole	11.58	167	56267	6.558	ng	99
75) Fluoranthene	12.56	202	684634	73.104	ng	98
78) Pyrene	12.79	202	608490	50.488	ng	98
81) Benzo(a)anthracene	13.97	228	327316	31.986	ng	99
83) Chrysene	14.01	228	331745m	33.962	ng	
86) Indeno(1,2,3-cd)pyrene	16.95	276	109106	14.096	ng	# 91
88) Benzo(b)fluoranthene	15.03	252	364820m	37.639	ng	
89) Benzo(k)fluoranthene	15.05	252	117567m	12.663	ng	
90) Benzo(a)pyrene	15.40	252	232777	26.691	ng	98
91) Dibenzo(a,h)anthracene	16.94	278	29941	4.260	ng	97
92) Benzo(a,h,i)perylene	17.40	276	103936	15.673	ng	96

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

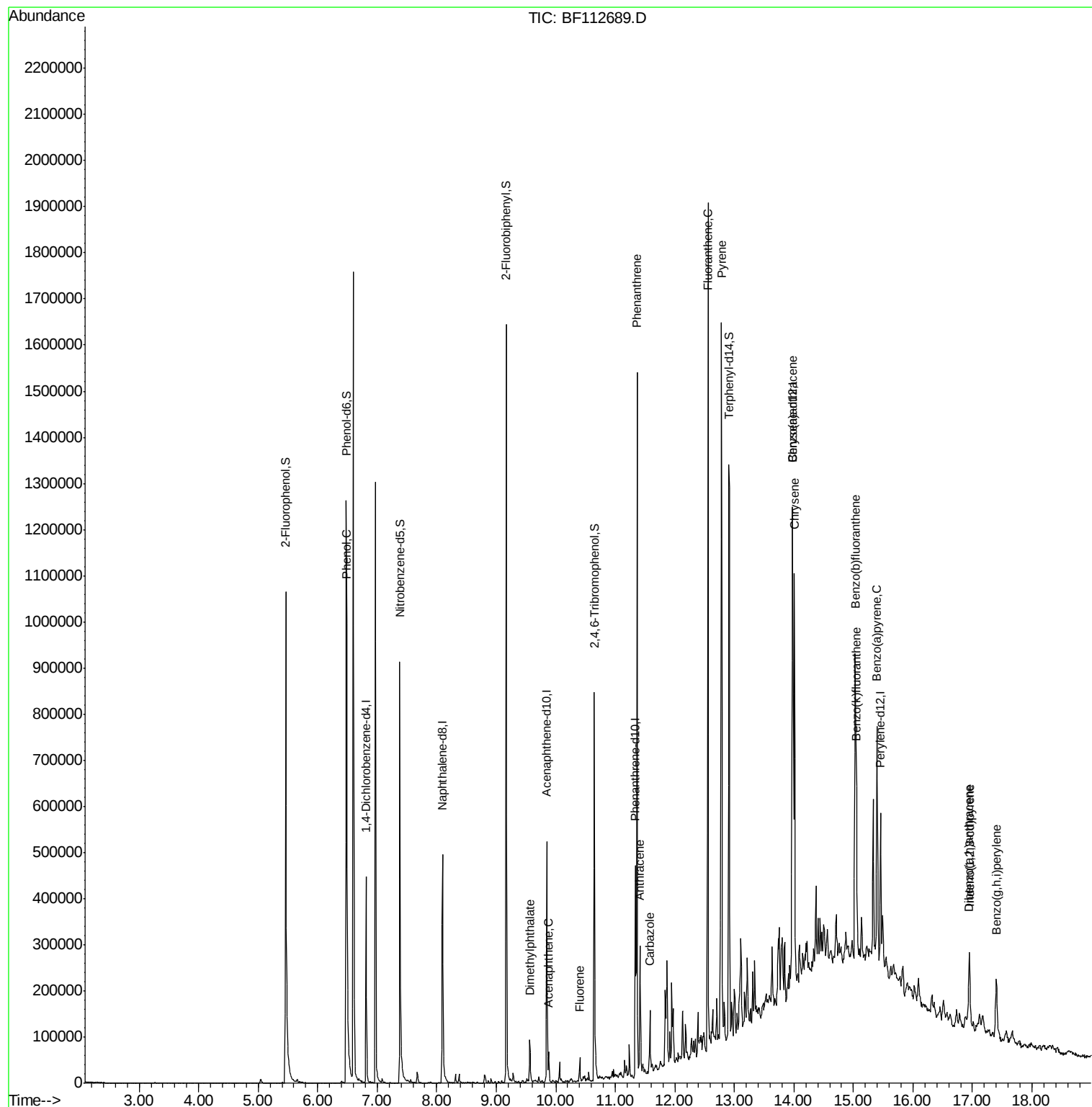
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
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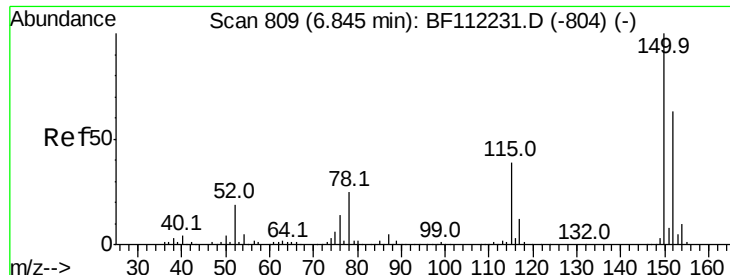
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

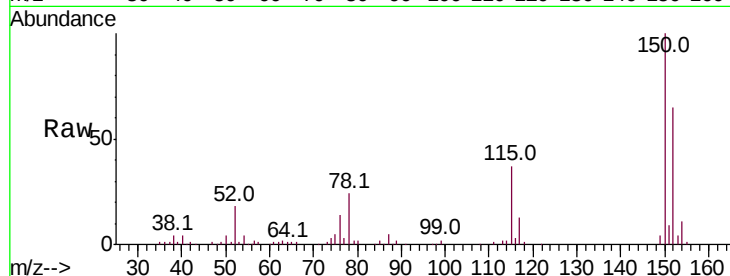
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF112689.D
Acq: 25 Feb 2019 13:47

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	127.4	191.0
115	57.9	45.5	68.3

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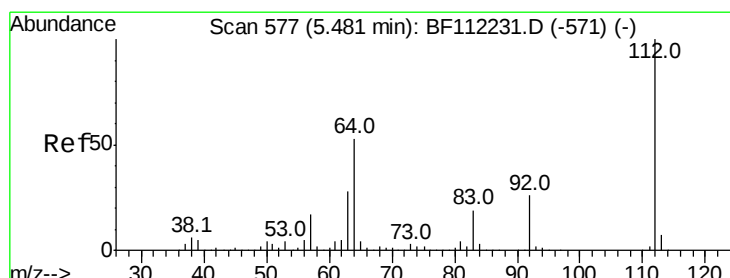
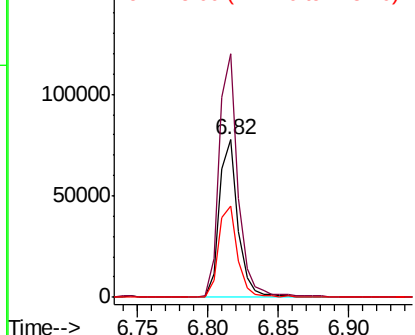
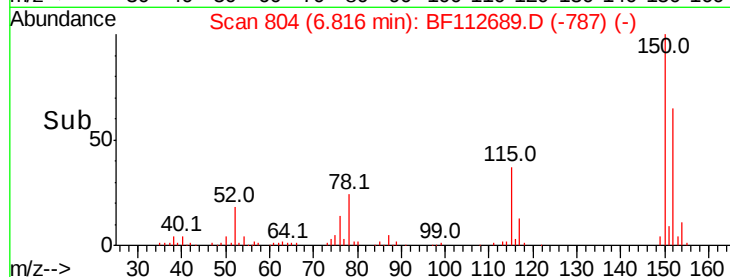


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

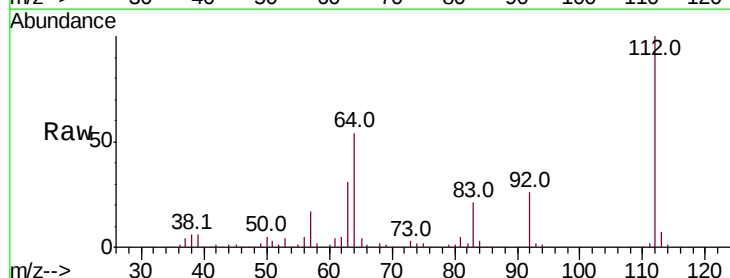
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.125 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF112689.D
Acq: 25 Feb 2019 13:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	45.7	68.5
63	30.6	23.6	35.4

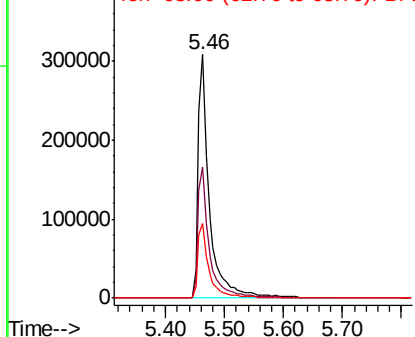
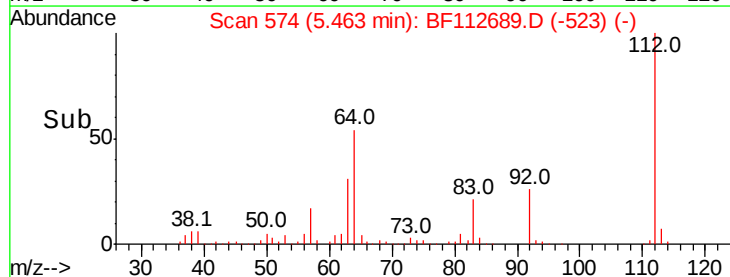


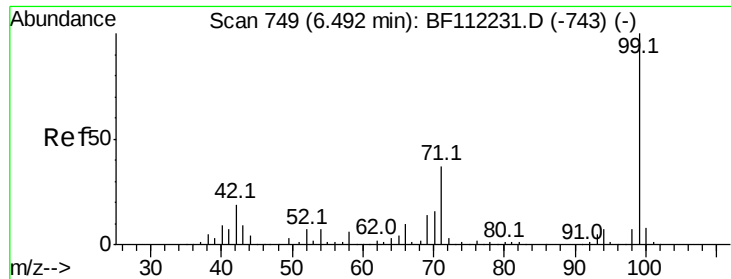
Abundance

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: 110.835 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112689.D

Acq: 25 Feb 2019 13:47

Instrument :

BNA_F

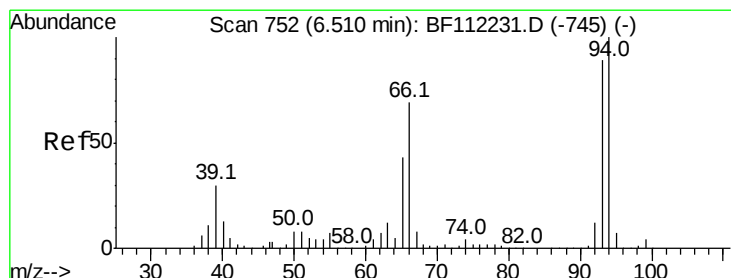
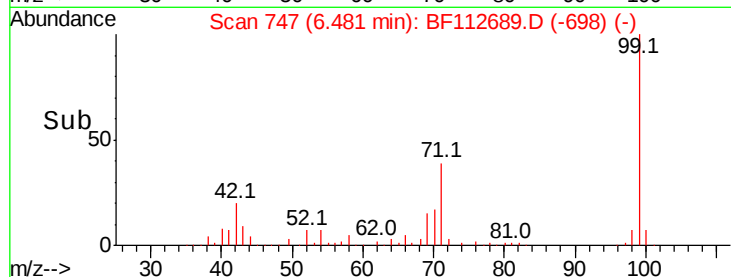
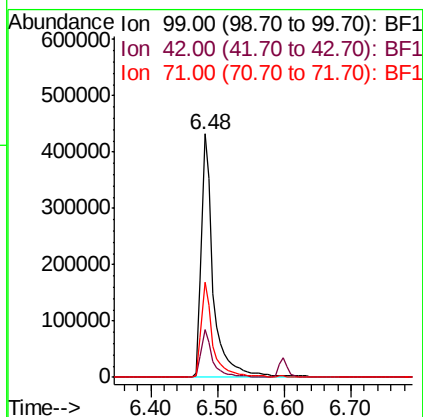
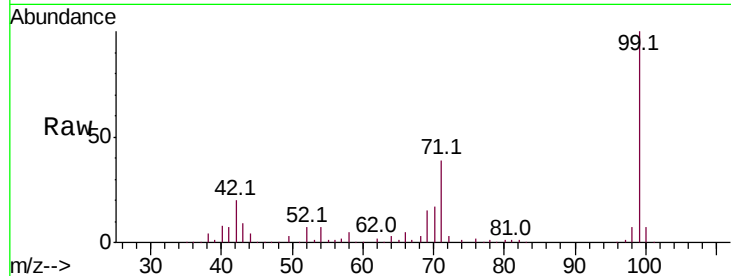
ClientSampleId :

TP-CBF-B11

Tot Ion:	99	Resp:	524816
Ion Ratio	Lower	Upper	
99	100		
42	19.7	15.1	22.7
71	38.9	26.9	40.3

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#10

Phenol

Concen: 3.570 ng

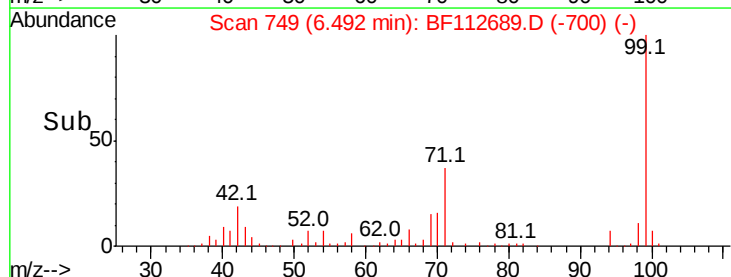
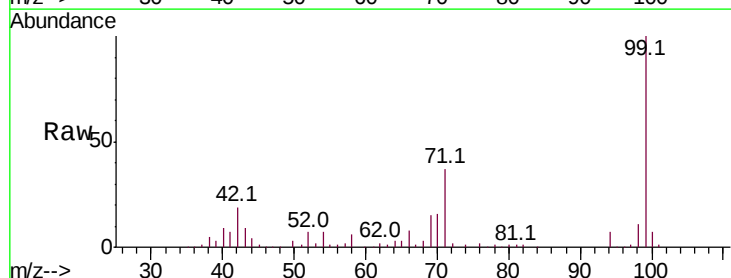
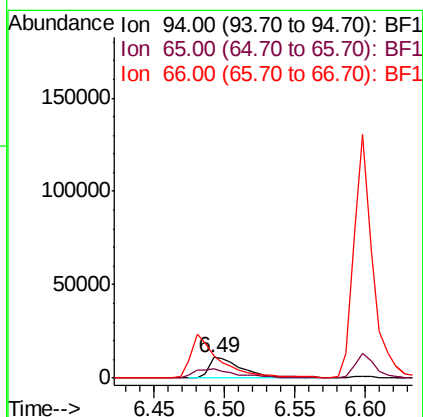
RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF112689.D

Acq: 25 Feb 2019 13:47

Tgt Ion:	94	Resp:	18545
Ion Ratio	Lower	Upper	
94	100		
65	43.3	20.3	60.3
66	111.6	42.4	82.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF112689.D

Acq: 25 Feb 2019 13:47

Instrument :

BNA_F

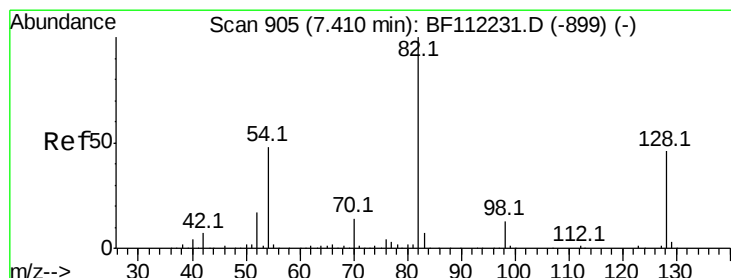
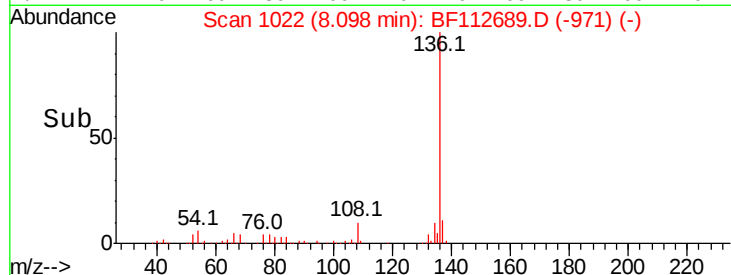
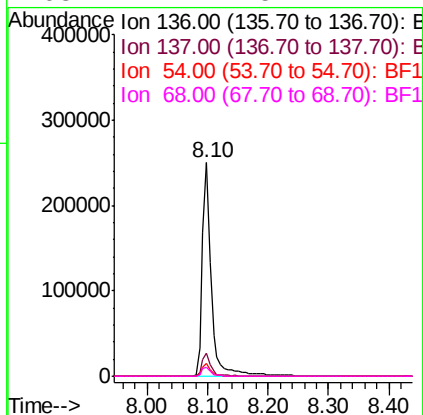
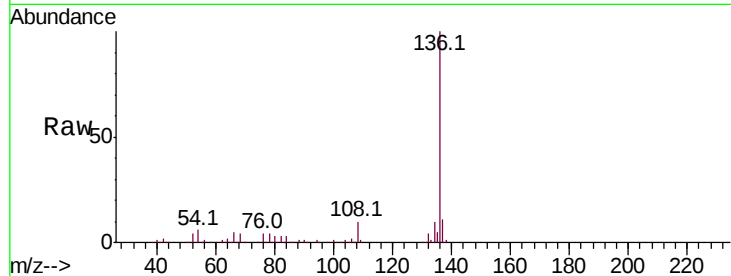
ClientSampleId :

TP-CBF-B11

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	9.1	13.7	
54	6.0	5.9	8.9	
68	4.2	5.1	7.7	

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#23

Nitrobenzene-d5

Concen: 70.969 ng

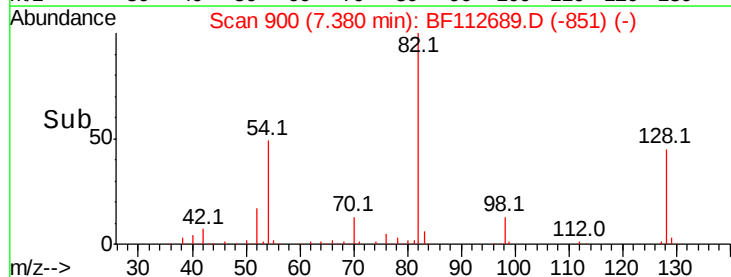
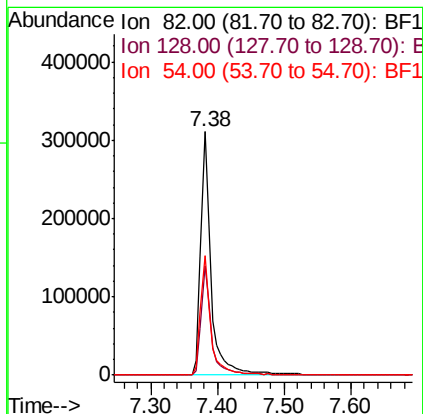
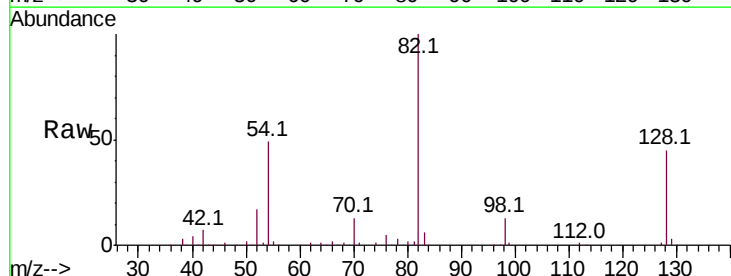
RT: 7.38 min Scan# 900

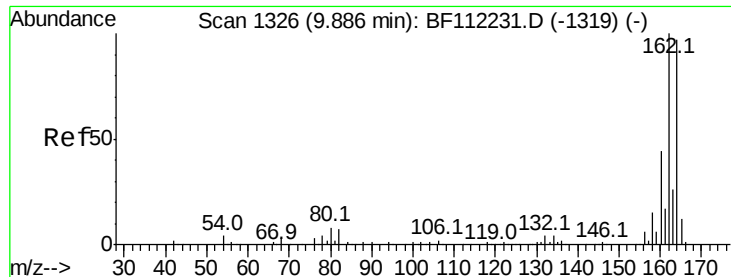
Delta R.T. -0.01 min

Lab File: BF112689.D

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Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.7	37.8	56.8	
54	48.8	39.7	59.5	





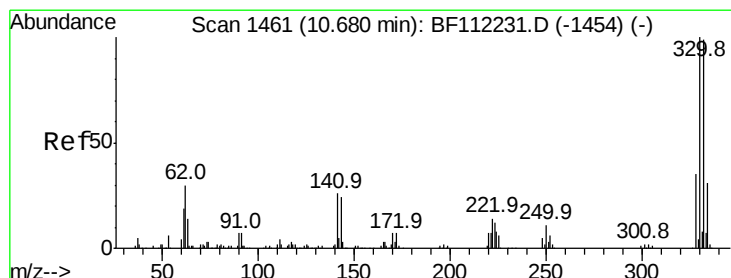
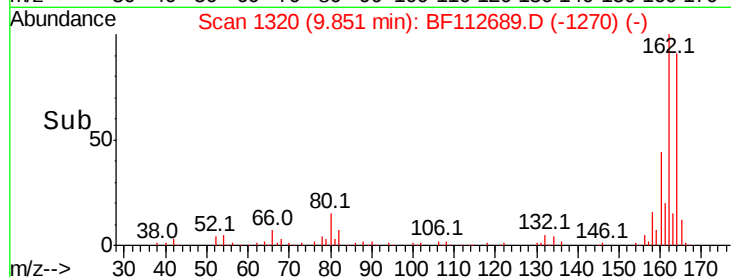
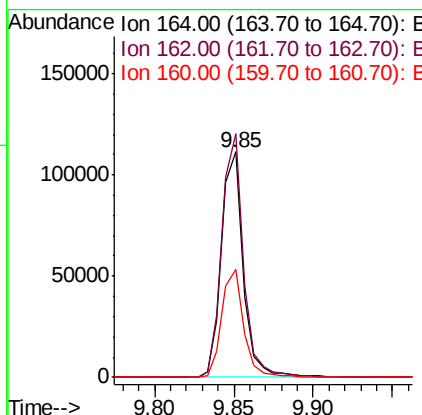
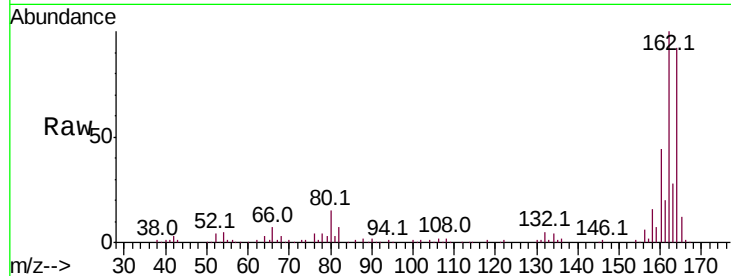
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF112689.D
Acq: 25 Feb 2019 13:47

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	108.2	82.2	123.4	
160	48.0	36.2	54.4	

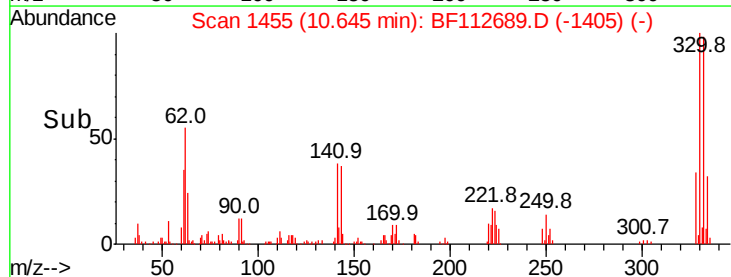
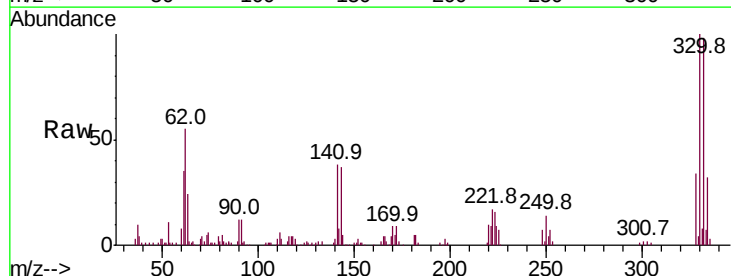
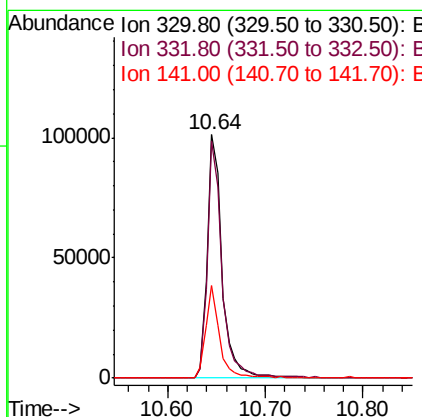
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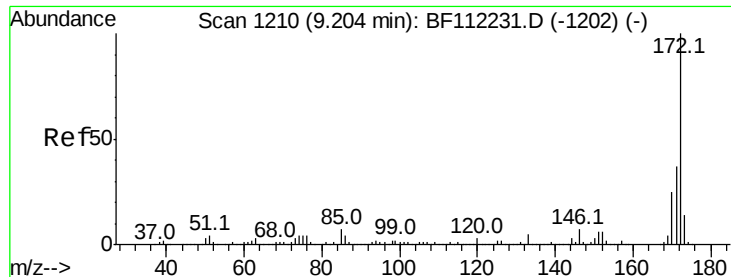
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#42
2,4,6-Tribromophenol
Concen: 87.239 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF112689.D
Acq: 25 Feb 2019 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.5	76.6	114.8	
141	35.1	24.3	36.5	





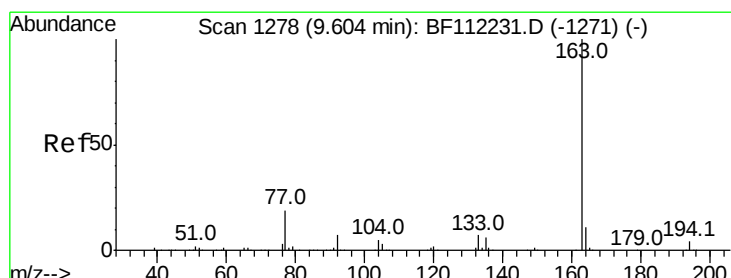
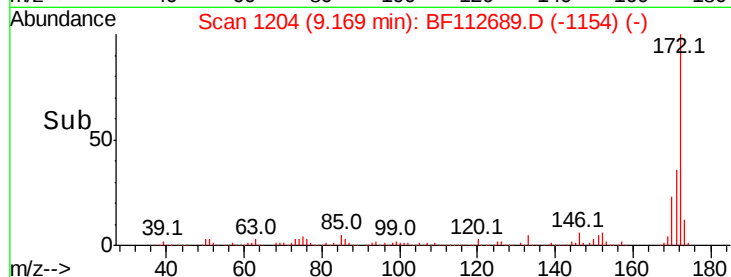
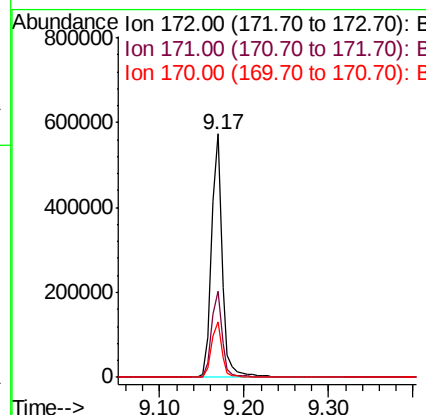
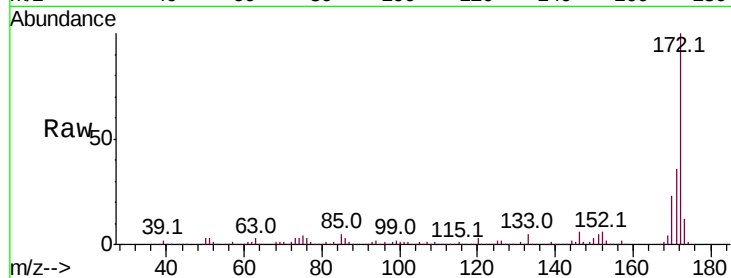
#45
2-Fluorobiphenyl
Concen: 67.868 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF112689.D
Acq: 25 Feb 2019 13:47

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
172	100	509615		
171	35.6		30.5	45.7
170	22.8		20.2	30.4

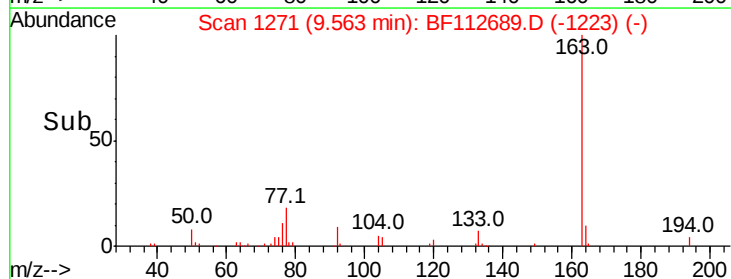
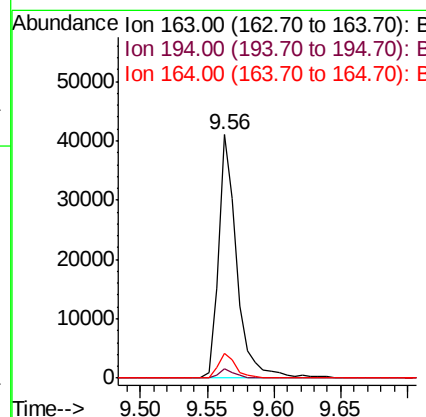
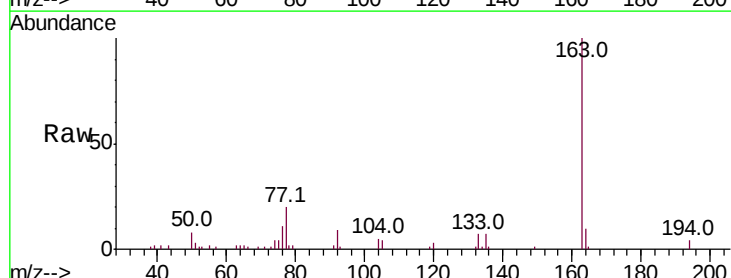
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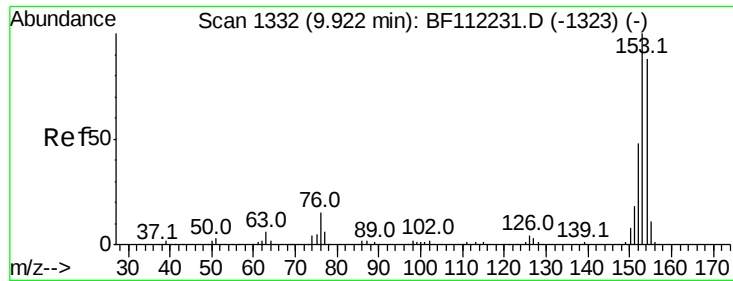
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#50
Dimethylphthalate
Concen: 4.830 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF112689.D
Acq: 25 Feb 2019 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	39858		
194	3.9		3.3	4.9
164	10.1		8.5	12.7





#52

Acenaphthene

Concen: 2.149 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF112689.D

Acq: 25 Feb 2019 13:47

Instrument :

BNA_F

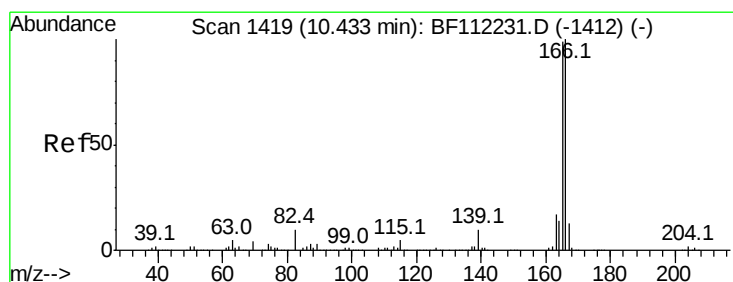
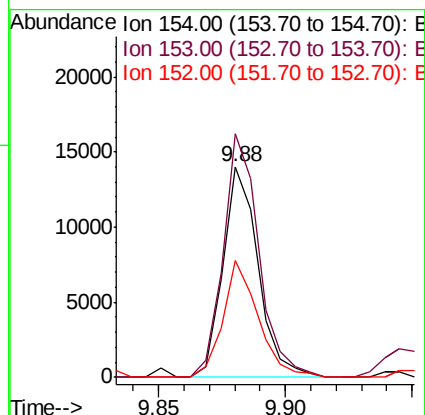
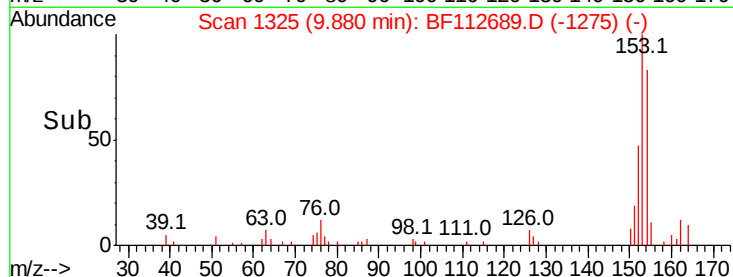
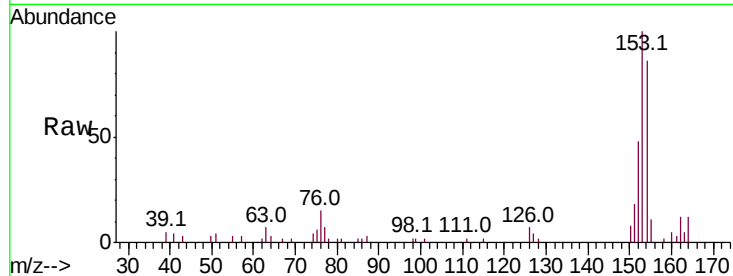
ClientSampleId :

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Tot Ion:	154	Resp:	13550
Ion Ratio	Lower	Upper	
154	100		
153	115.8	89.8	134.6
152	55.9	43.5	65.3

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#58

Fluorene

Concen: 2.642 ng

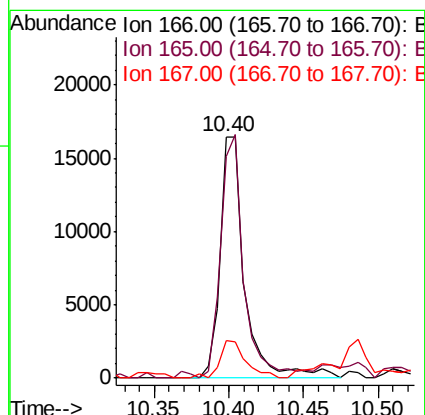
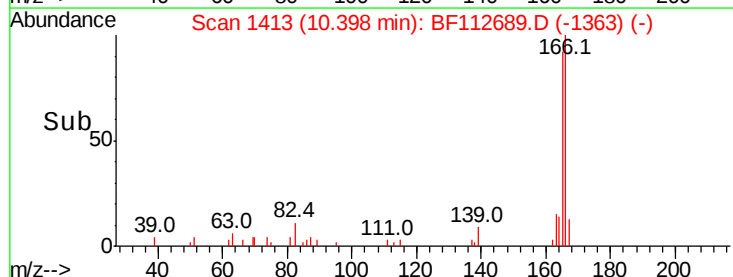
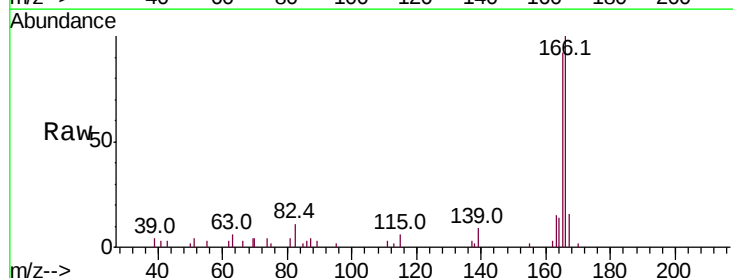
RT: 10.40 min Scan# 1413

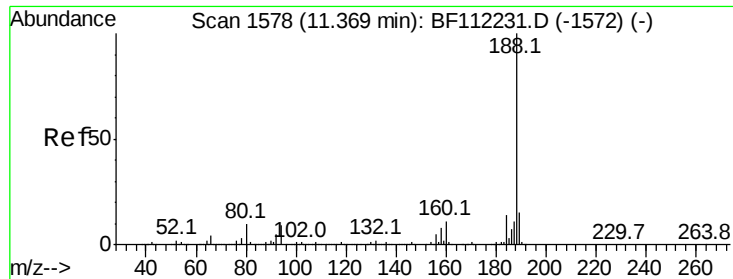
Delta R.T. -0.01 min

Lab File: BF112689.D

Acq: 25 Feb 2019 13:47

Tgt Ion:	166	Resp:	19044
Ion Ratio	Lower	Upper	
166	100		
165	91.9	77.1	115.7
167	15.6	11.3	16.9





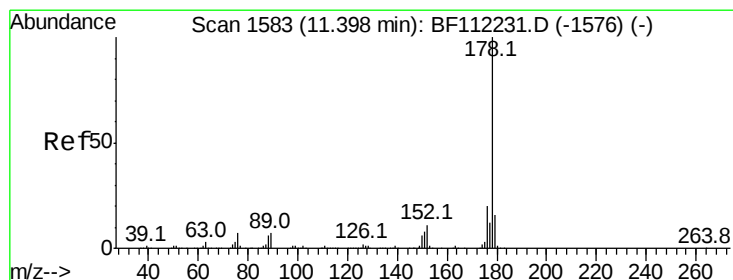
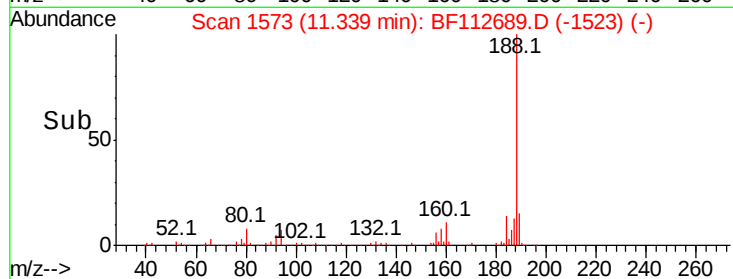
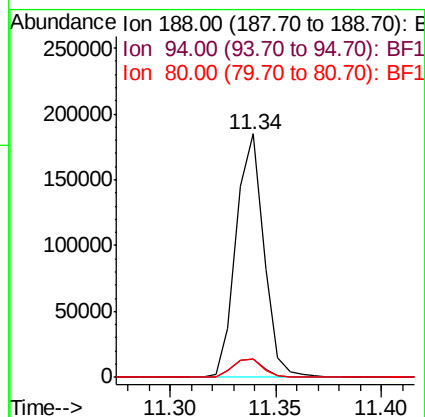
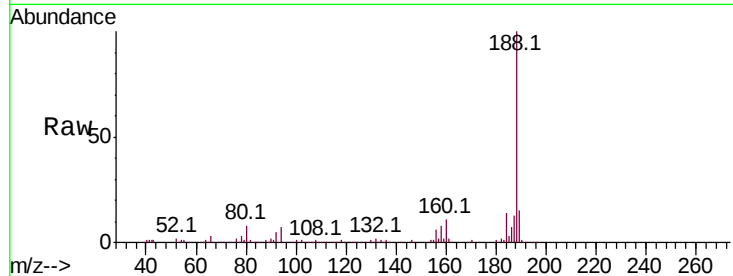
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF112689.D
Acq: 25 Feb 2019 13:47

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.3	8.2	12.2#
80	7.7	8.9	13.3#

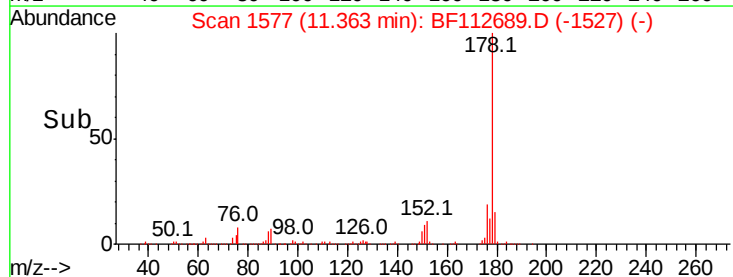
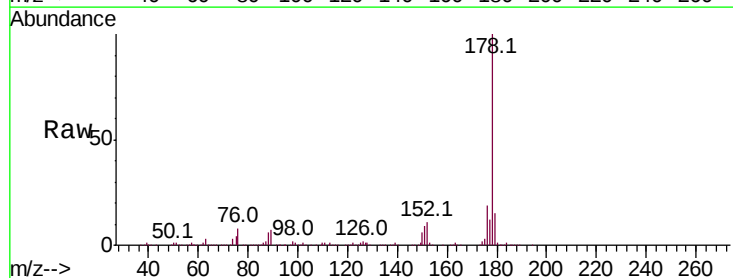
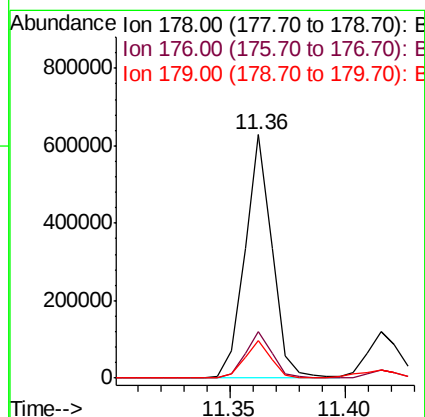
Manual Integrations
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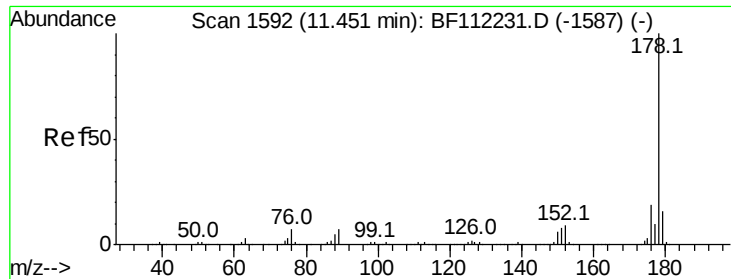
Sohil
2/26/2019 2:39:06 PM



#71
Phenanthrene
Concen: 59.212 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112689.D
Acq: 25 Feb 2019 13:47

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.2	16.3	24.5
179	15.4	13.0	19.4





#72

Anthracene

Concen: 12.945 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF112689.D

Acq: 25 Feb 2019 13:47

Instrument :

BNA_F

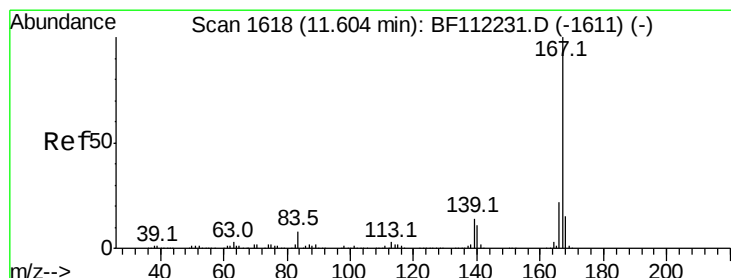
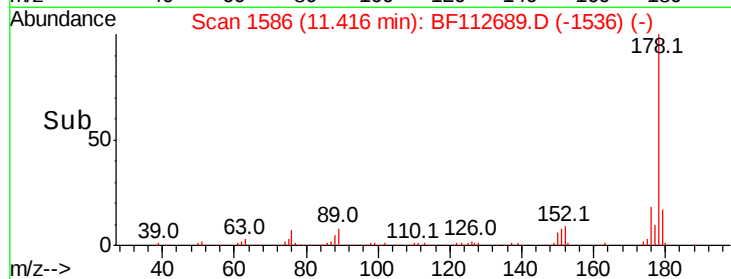
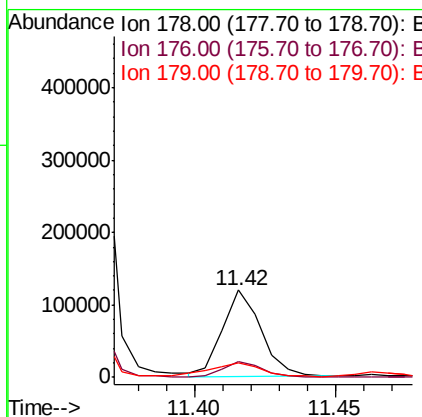
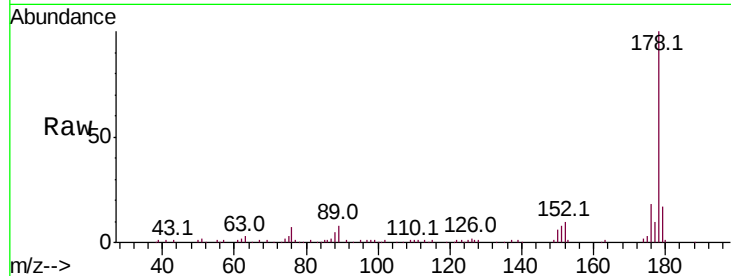
ClientSampleId :

TP-CBF-B11

Tot Ion:	178	Resp:	112594
Ion Ratio	Lower	Upper	
178	100		
176	18.2	15.5	23.3
179	16.9	12.8	19.2

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#73

Carbazole

Concen: 6.558 ng

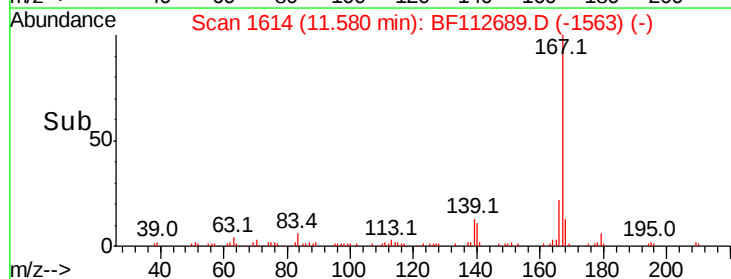
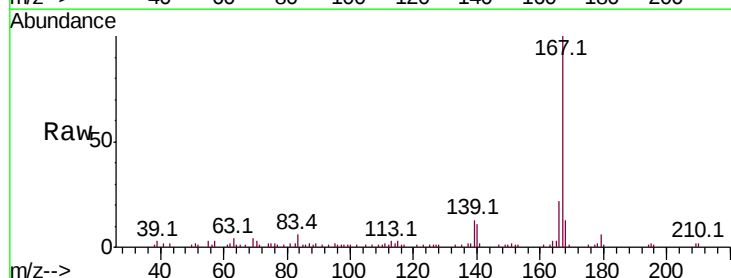
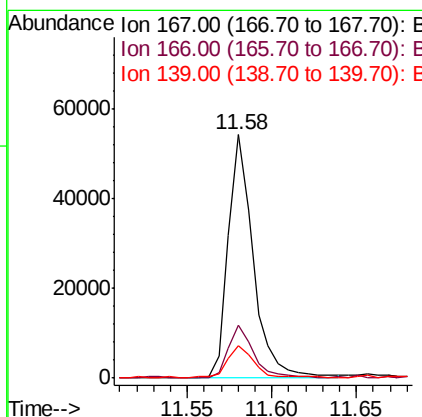
RT: 11.58 min Scan# 1614

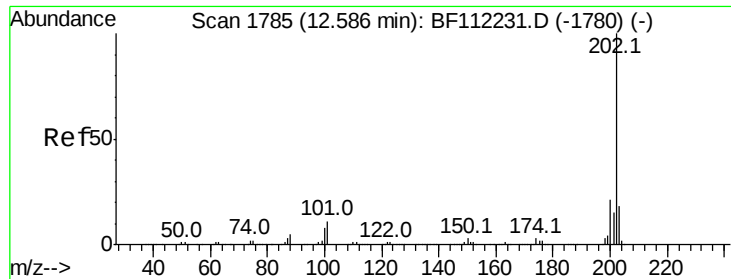
Delta R.T. -0.00 min

Lab File: BF112689.D

Acq: 25 Feb 2019 13:47

Tgt Ion:	167	Resp:	56267
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.9	26.9
139	13.3	10.2	15.2





#75

Fluoranthene

Concen: 73.104 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF112689.D

Acq: 25 Feb 2019 13:47

Instrument :

BNA_F

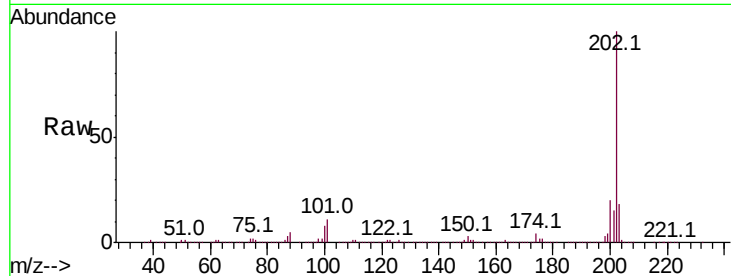
ClientSampled :

TP-CBF-B11

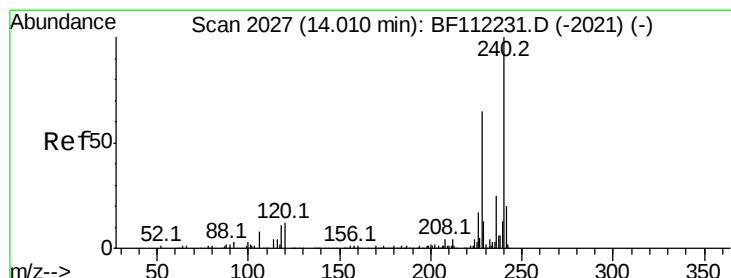
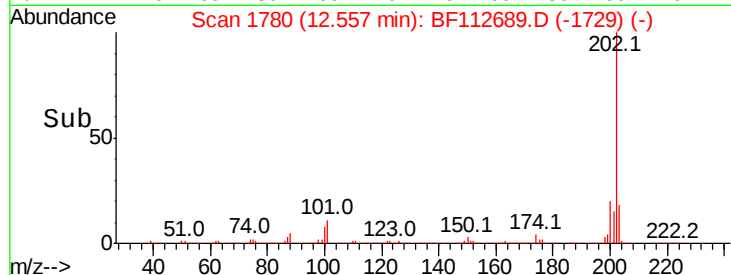
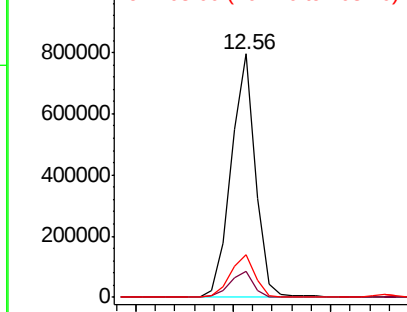
Tot Ion:	202	Resp:	684634
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	31.8
203	17.6	0.0	38.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

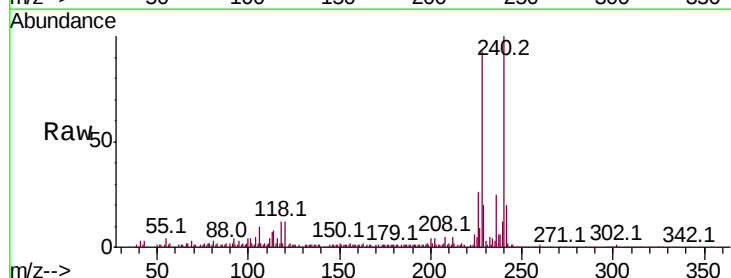
RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

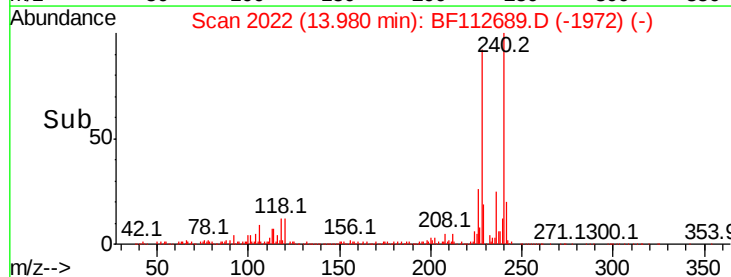
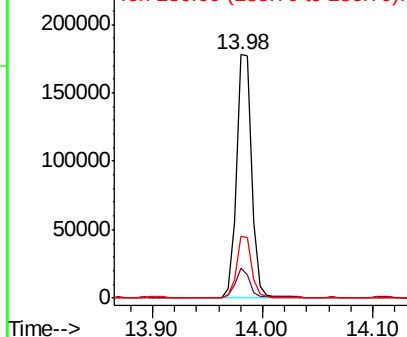
Lab File: BF112689.D

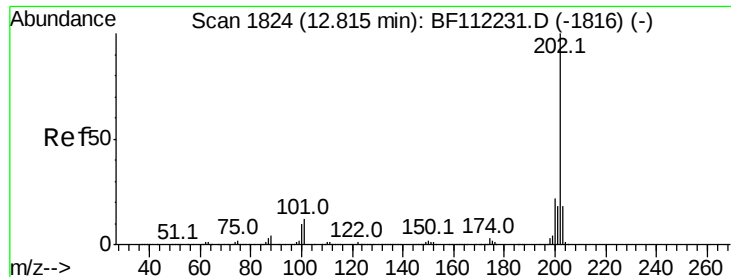
Acq: 25 Feb 2019 13:47

Tgt Ion:	240	Resp:	174077
Ion Ratio	Lower	Upper	
240	100		
120	12.1	9.0	13.6
236	25.2	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 50.488 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF112689.D

Acq: 25 Feb 2019 13:47

Instrument :

BNA_F

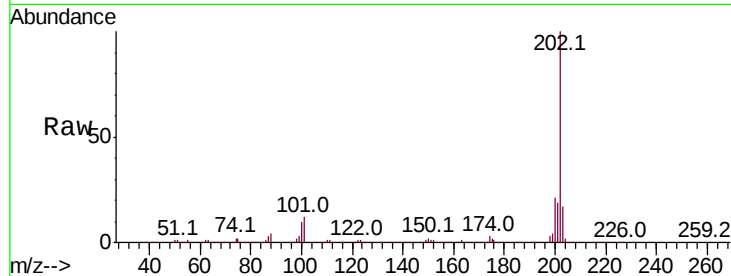
ClientSampleId :

TP-CBF-B11

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.7	26.5
203	17.5	14.6	22.0

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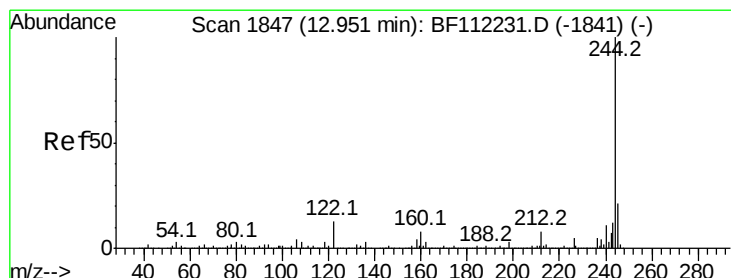
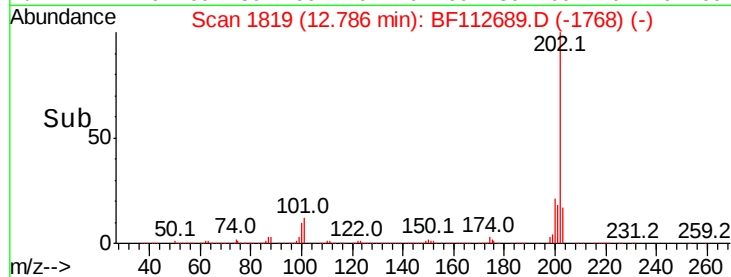
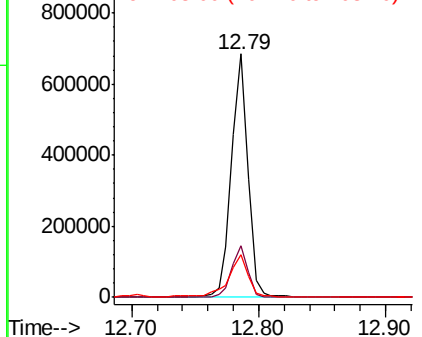


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 43.429 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF112689.D

Acq: 25 Feb 2019 13:47

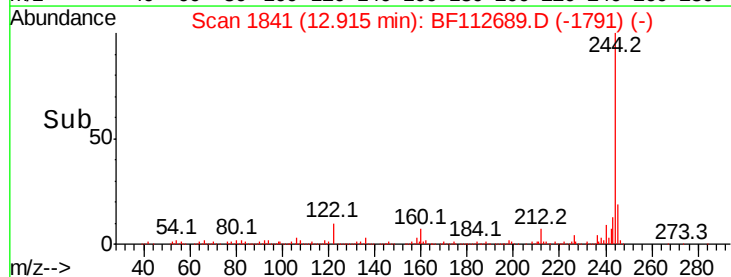
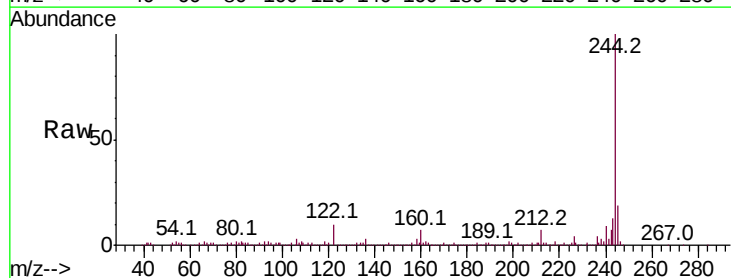
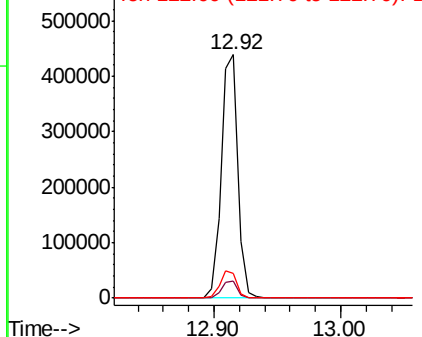
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	10.0	9.8	14.6

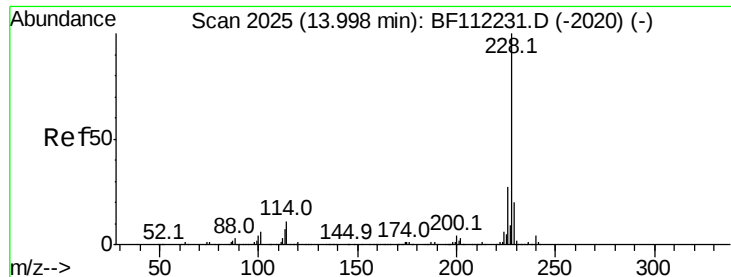
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





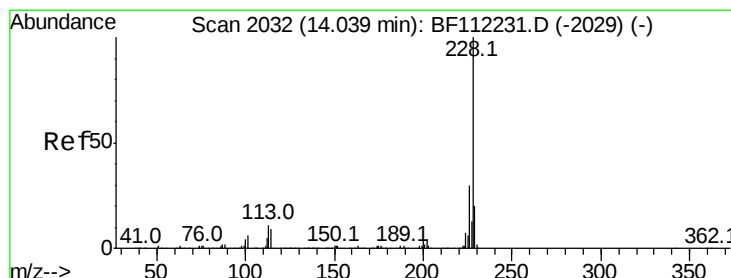
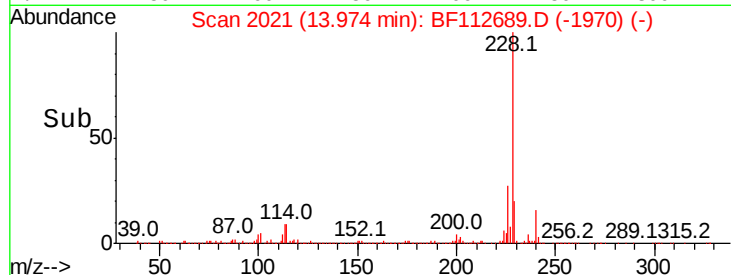
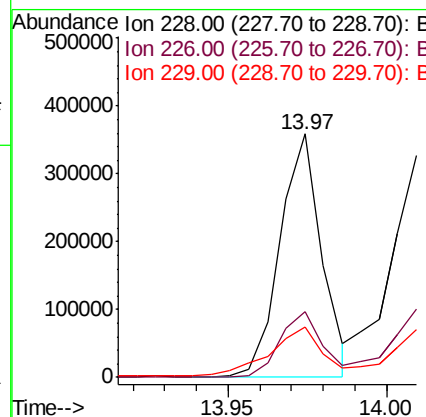
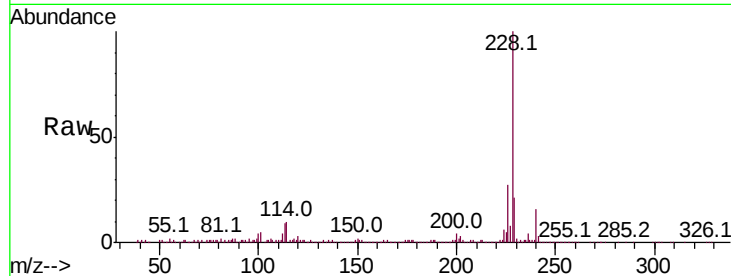
#81
Benzo(a)anthracene
Concen: 31.986 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF112689.D
Acq: 25 Feb 2019 13:47

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

Tot Ion:	228	Resp:	327316
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.6	34.0
229	20.8	16.5	24.7

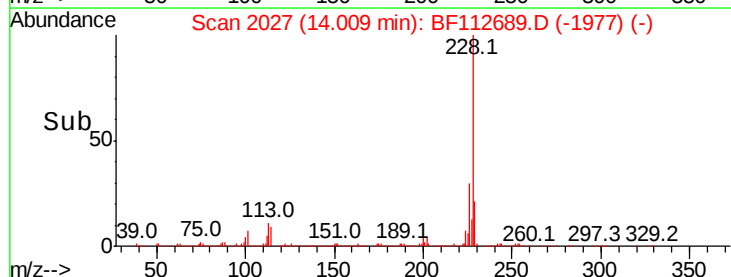
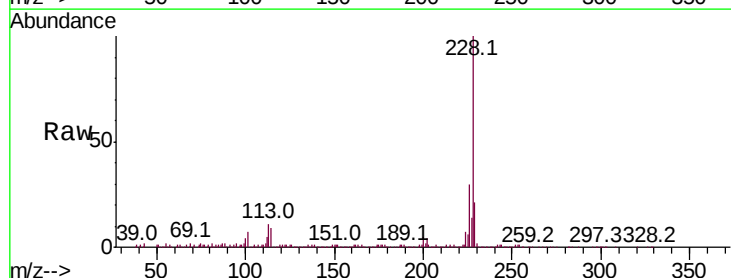
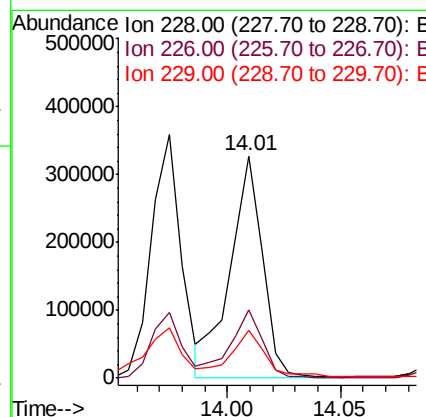
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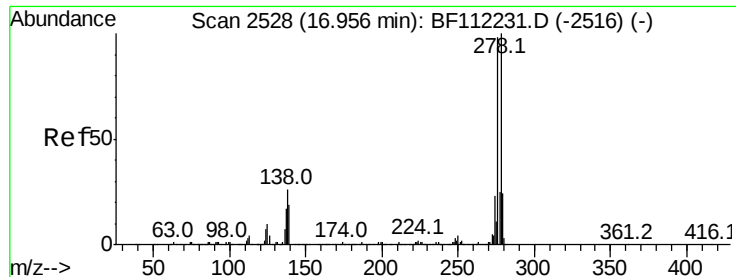
Sohil
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#83
Chrysene
Concen: 33.962 ng m
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF112689.D
Acq: 25 Feb 2019 13:47

Tgt Ion:	228	Resp:	331745
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.6
229	21.5	16.6	24.8





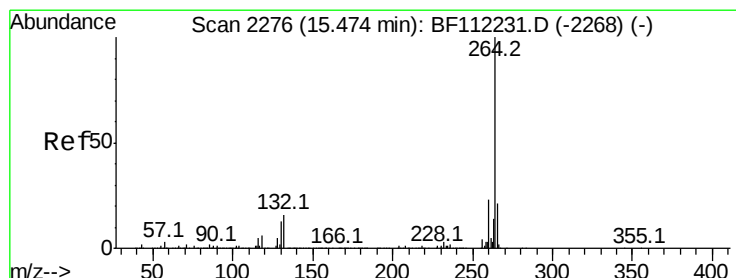
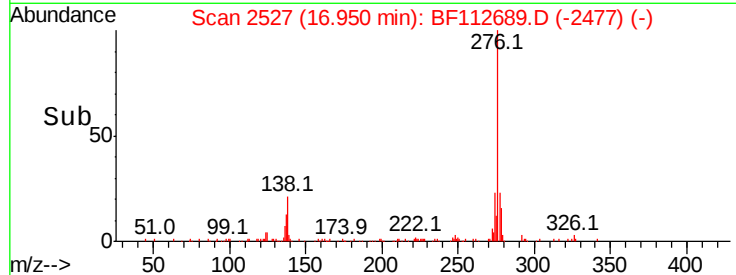
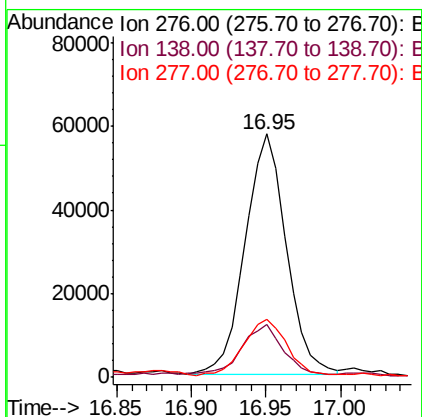
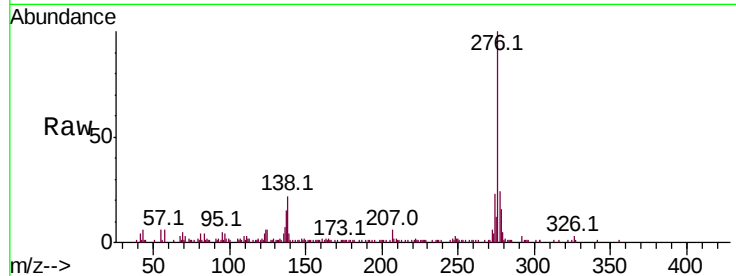
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 14.096 ng
 RT: 16.95 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BF112689.D
 Acq: 25 Feb 2019 13:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-CBF-B11

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.2	22.6	34.0#
277	24.0	20.3	30.5

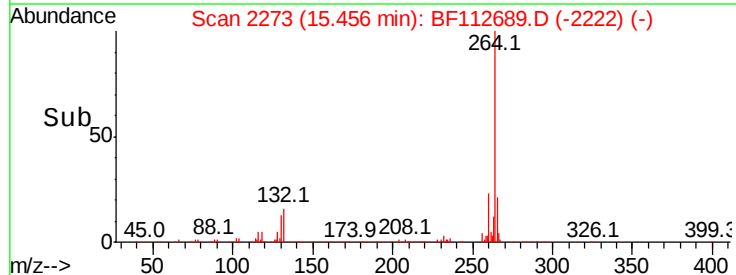
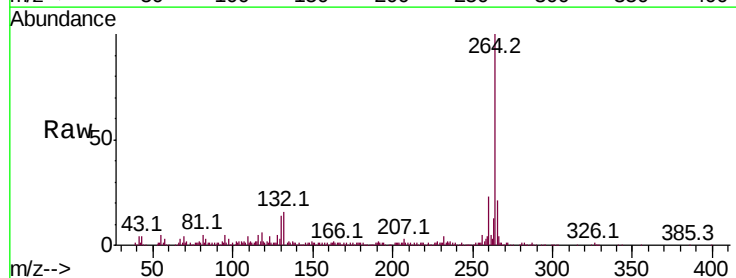
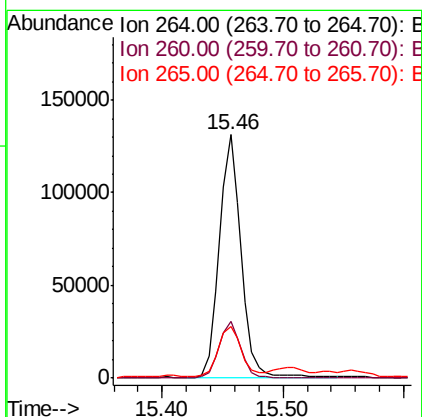
Manual Integrations
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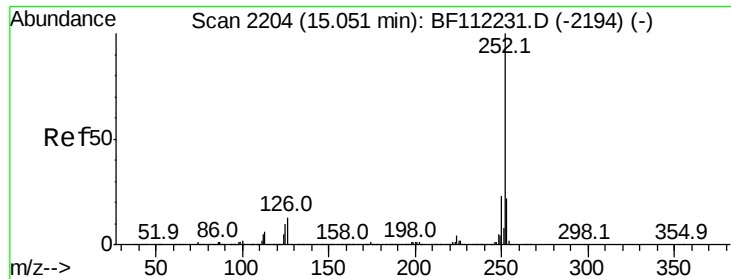
Sohil
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BF112689.D
 Acq: 25 Feb 2019 13:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	21.3	17.0	25.4





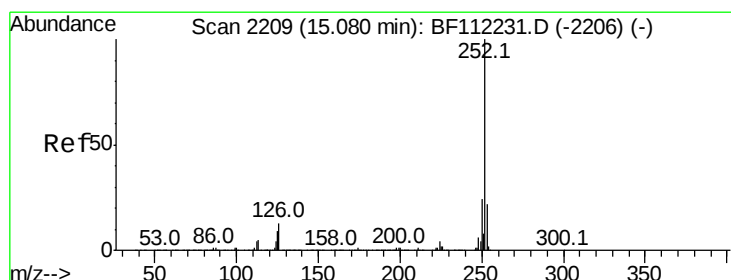
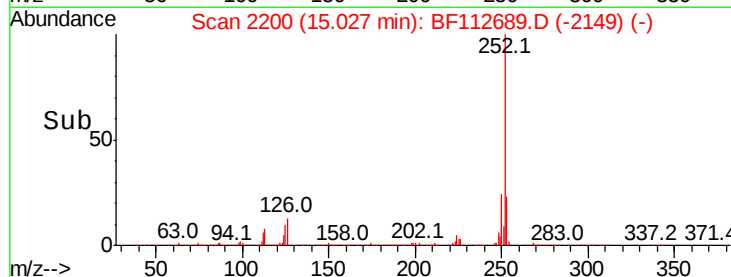
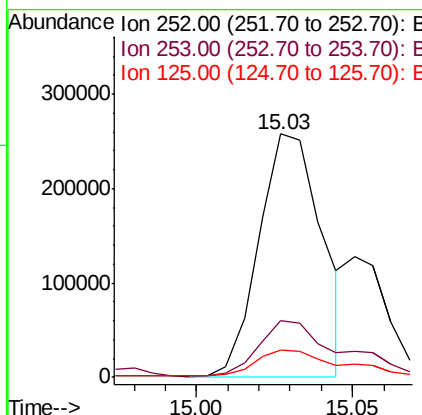
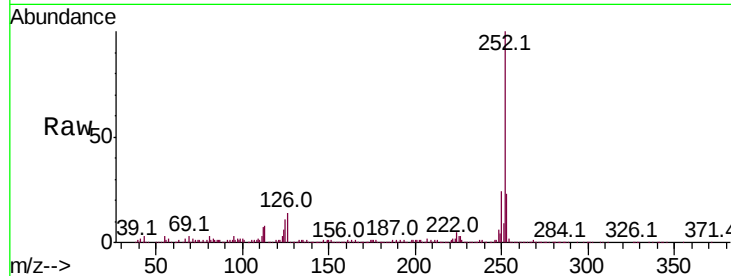
#88
Benzo(b)fluoranthene
Concen: 37.639 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BF112689.D
Acq: 25 Feb 2019 13:47

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	11.2	8.7	13.1

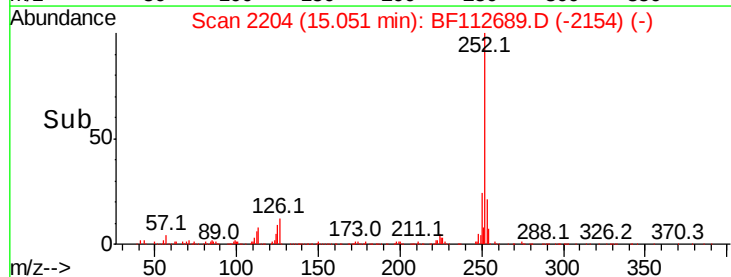
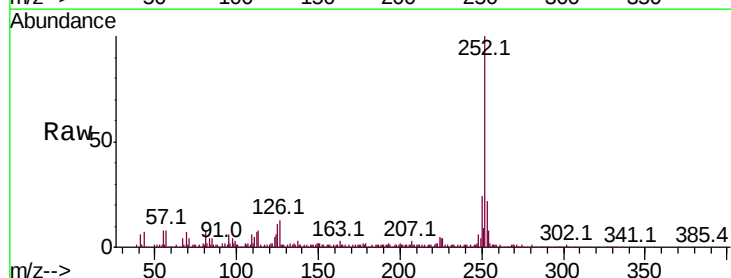
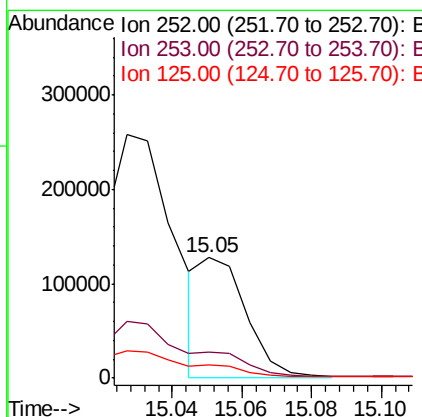
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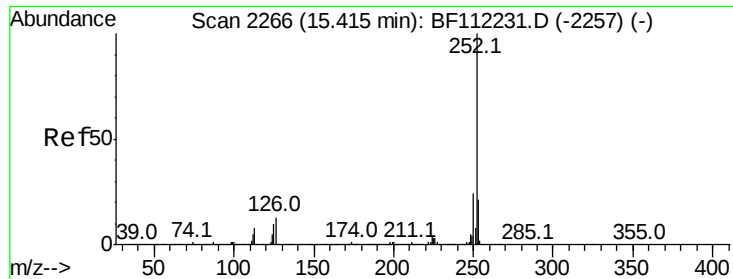
Sohil
2/26/2019 2:39:06 PM



#89
Benzo(k)fluoranthene
Concen: 12.663 ng m
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF112689.D
Acq: 25 Feb 2019 13:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	11.0	9.1	13.7





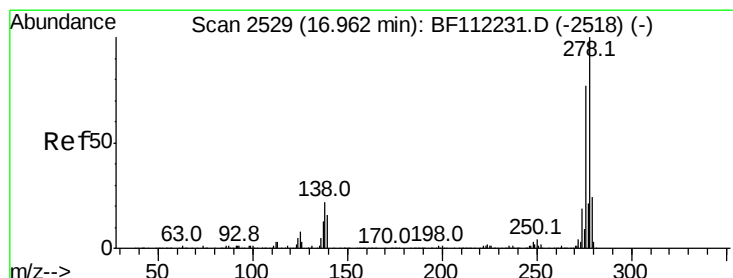
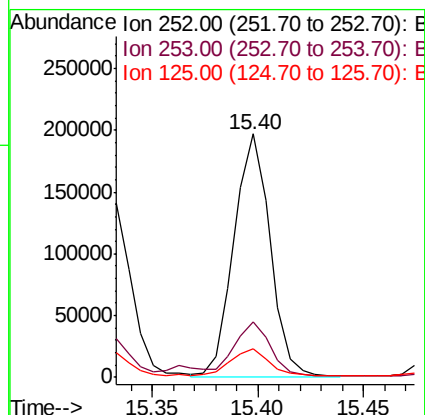
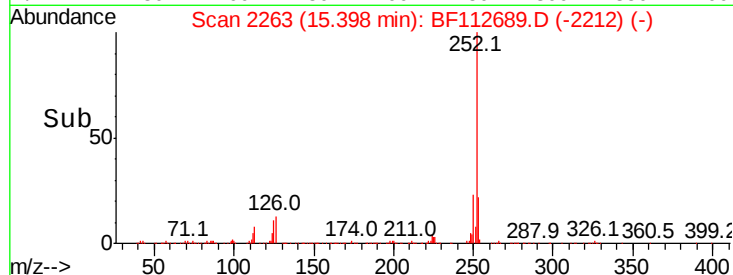
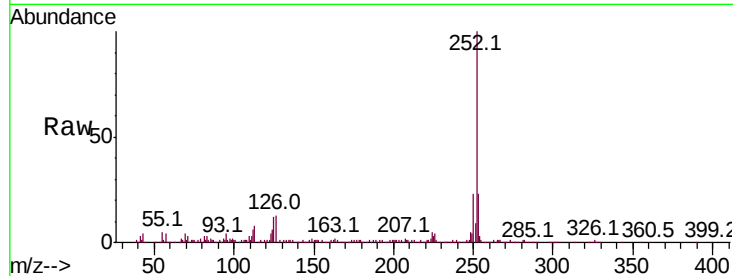
#90
Benzo(a)pyrene
Concen: 26.691 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BF112689.D
Acq: 25 Feb 2019 13:47

Instrument :
BNA_F
ClientSampled :
TP-CBF-B11

Tot Ion:	252	Resp:	232777
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.5	26.3
125	11.8	9.0	13.4

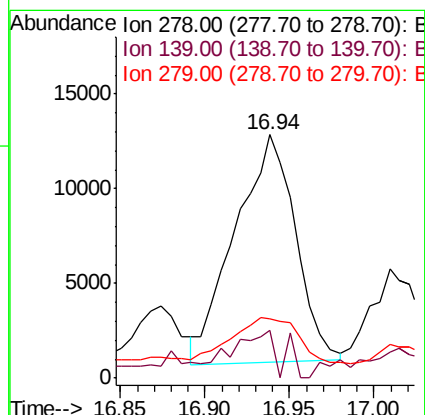
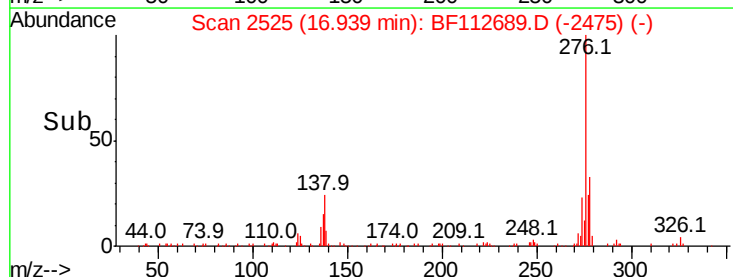
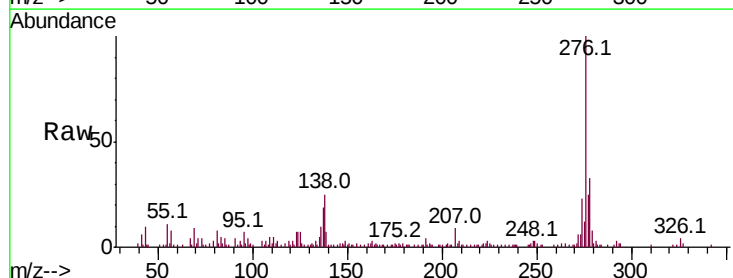
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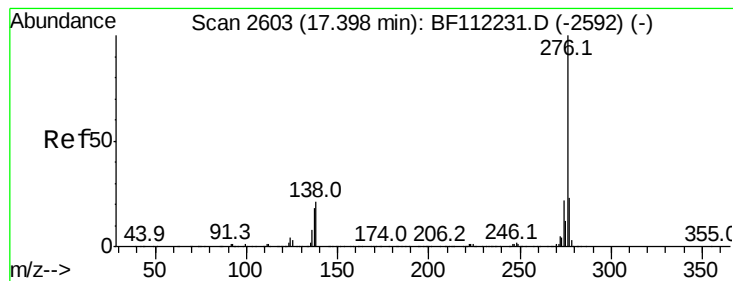
Sohil
2/26/2019 2:39:06 PM



#91
Dibenzo(a,h)anthracene
Concen: 4.260 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF112689.D
Acq: 25 Feb 2019 13:47

Tgt Ion:	278	Resp:	29941
Ion Ratio	Lower	Upper	
278	100		
139	19.8	13.7	20.5
279	24.4	19.0	28.6





#92

Benzo(a,h,i)perylene

Concen: 15.673 ng

RT: 17.40 min Scan# 2604

Delta R.T. 0.01 min

Lab File: BF112689.D

Acq: 25 Feb 2019 13:47

Instrument :

BNA_F

ClientSampleId :

TP-CBF-B11

Tot Ion:	276	Resp:	103936
Ion Ratio	Lower	Upper	
276	100		
277	25.6	19.4	29.0
138	21.4	19.1	28.7

Manual Integrations
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Sohil
2/26/2019 2:39:06 PM

