

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
 Data File : BF120465.D
 Acq On : 1 Jun 2020 12:37
 Operator : JU/CG
 Sample : L2773-24
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM90-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 02 08:30:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	287703	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1009857	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	482153	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	799154	20.00	ng	0.00
76) Chrysene-d12	14.00	240	532239	20.00	ng	0.00
86) Perylene-d12	15.45	264	606336	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1163746	77.09	ng	0.00
7) Phenol-d6	6.47	99	1481514	79.62	ng	0.00
23) Nitrobenzene-d5	7.40	82	1011844	65.54	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	392556	87.87	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1793551	63.11	ng	0.00
79) Terphenyl-d14	12.94	244	1549091	64.77	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.14	128	118719	2.68	ng	98
50) Dimethylphthalate	9.59	163	346401	11.49	ng	99
71) Phenanthrene	11.38	178	441854	12.55	ng	98
72) Anthracene	11.43	178	120838	3.42	ng	98
74) Di-n-butylphthalate	11.92	149	80271	2.02	ng	100
75) Fluoranthene	12.57	202	587245	15.50	ng	98
78) Pyrene	12.80	202	518896	14.02	ng	99
81) Benzo(a)anthracene	13.99	228	277581	9.73	ng	97
83) Chrysene	14.02	228	259591	8.68	ng	96
87) Indeno(1,2,3-cd)pyrene	16.89	276	165284	4.98	ng	# 93
88) Benzo(b)fluoranthene	15.03	252	354292m	10.52	ng	
89) Benzo(k)fluoranthene	15.05	252	109657m	3.49	ng	
90) Benzo(a)pyrene	15.39	252	251078	8.52	ng	98
92) Benzo(g,h,i)perylene	17.32	276	148555	5.57	ng	98

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

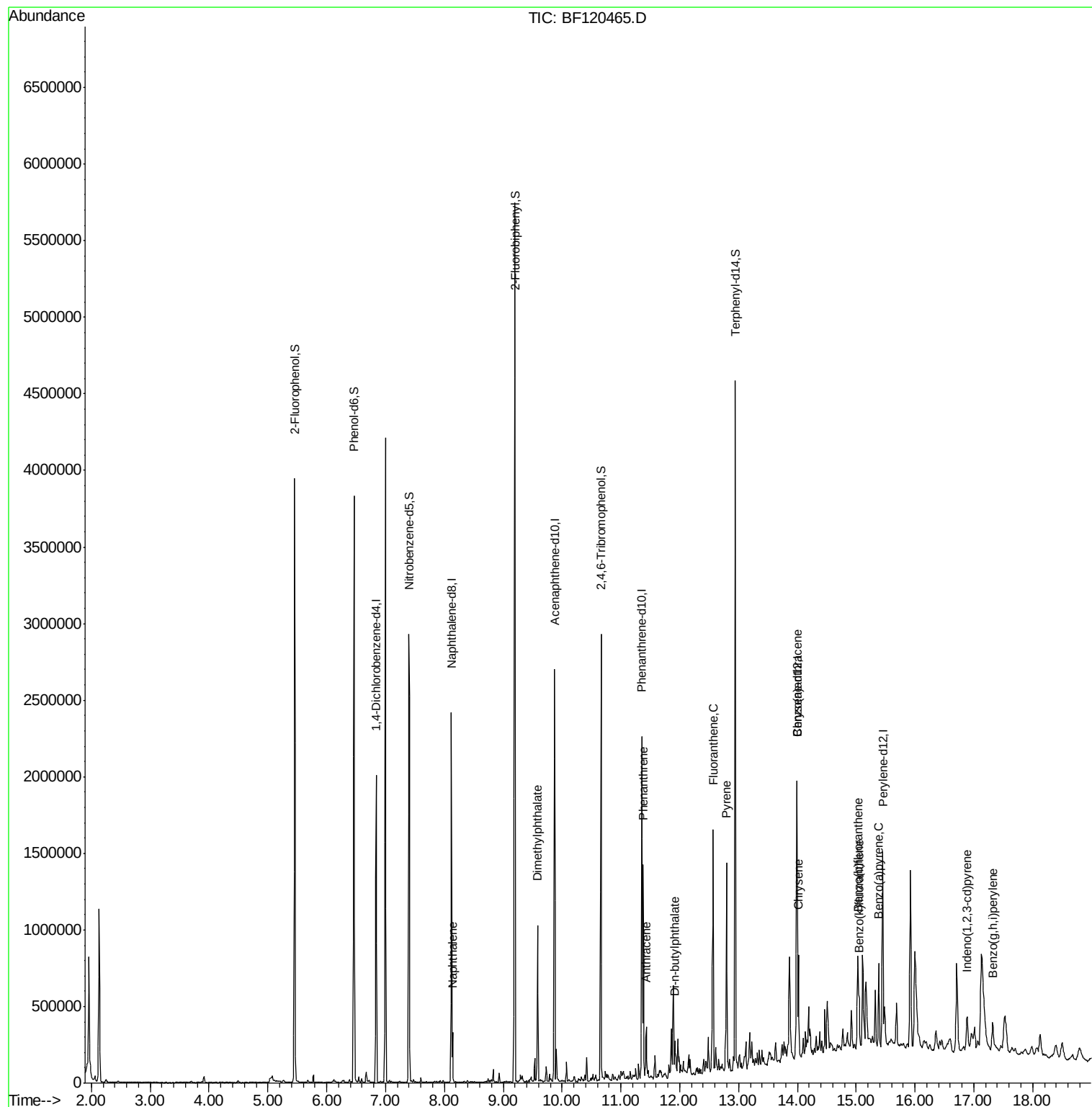
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
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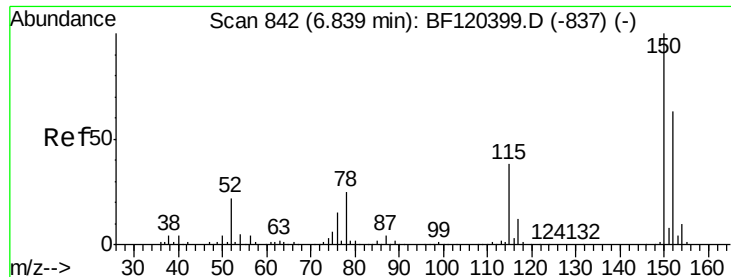
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
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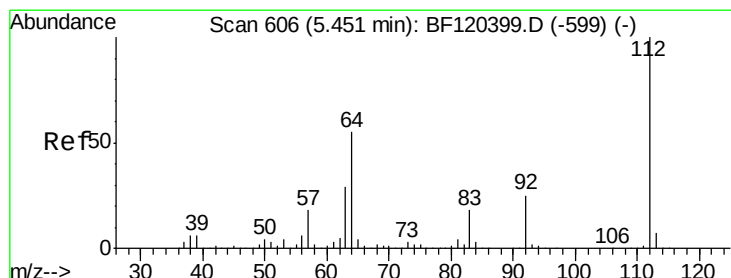
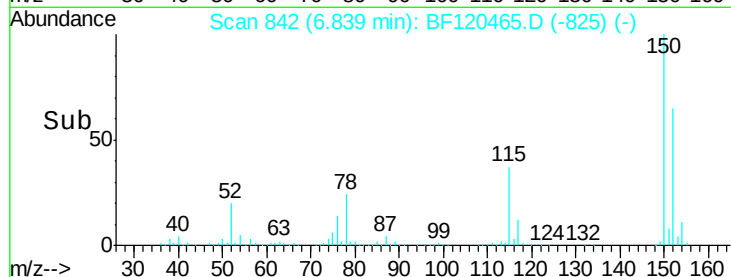
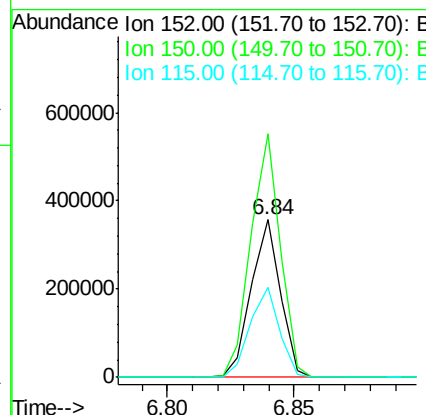
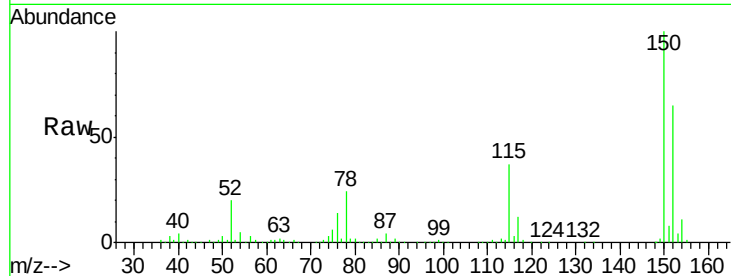
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF120465.D
 Acq: 1 Jun 2020 12:37

Instrument :
 BNA_F
 ClientSampleId :
 NM90-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.5	189.7
115	57.2	47.6	71.4

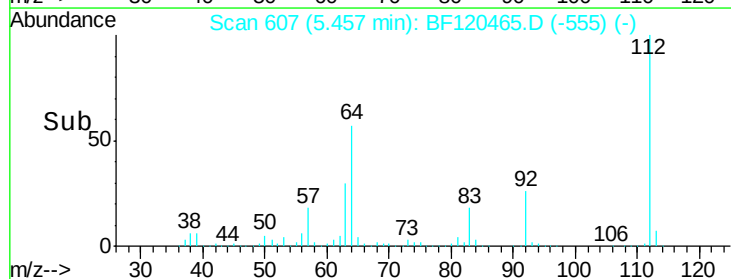
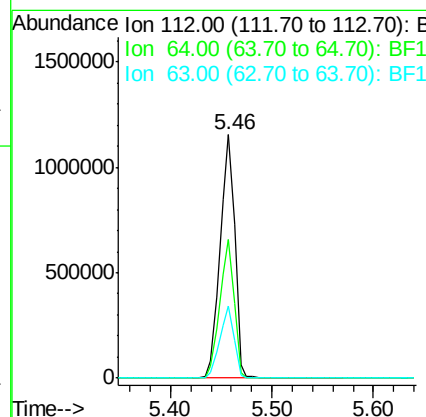
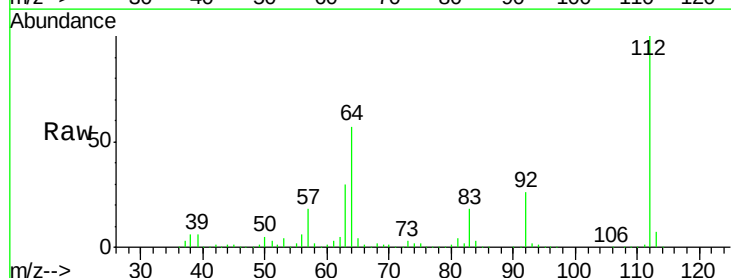
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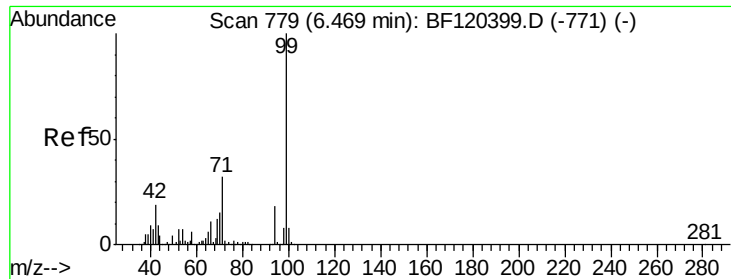
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#5
 2-Fluorophenol
 Concen: 77.09 ng
 RT: 5.46 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF120465.D
 Acq: 1 Jun 2020 12:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	44.3	66.5
63	29.5	22.9	34.3





#7

Phenol-d6

Concen: 79.62 ng

RT: 6.47 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120465.D

Acq: 1 Jun 2020 12:37

Instrument :

BNA_F

ClientSampleId :

NM90-COMP-2020-0-6

Tgt Ion: 99 Resp: 1481514

Ion Ratio Lower Upper

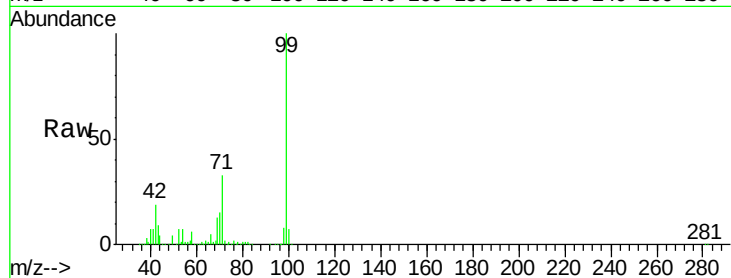
99 100

42 18.6 15.2 22.8

71 32.6 25.6 38.4

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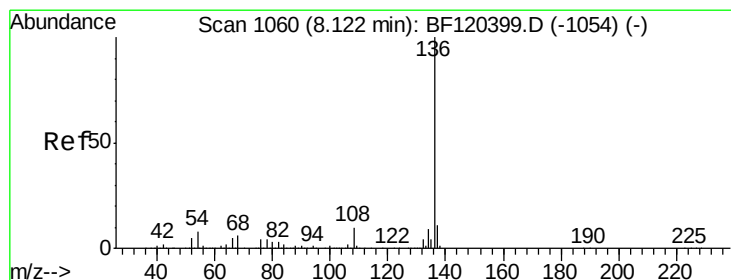
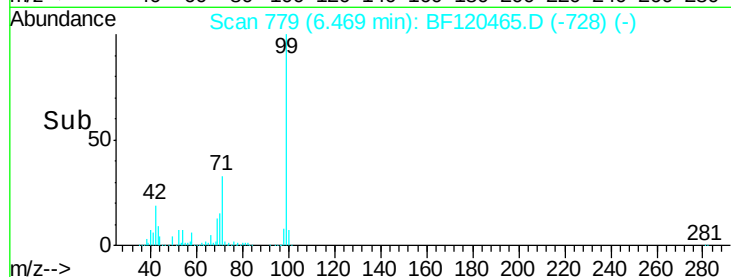
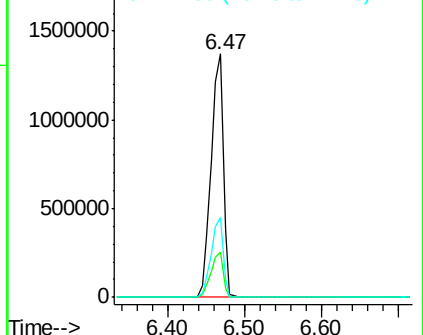
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120465.D

Acq: 1 Jun 2020 12:37

Tgt Ion: 136 Resp: 1009857

Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.4 6.7 10.1

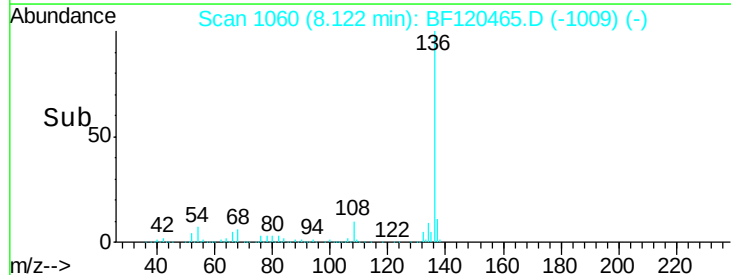
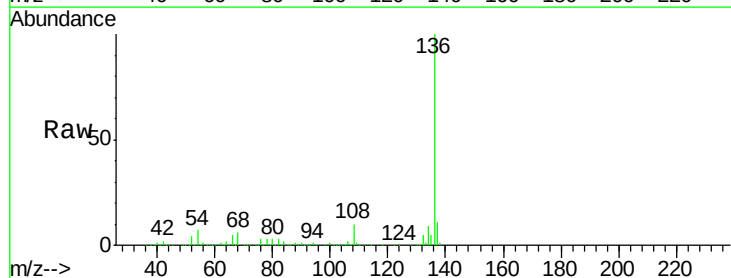
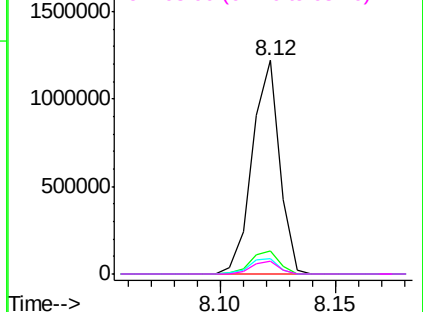
68 5.9 5.0 7.4

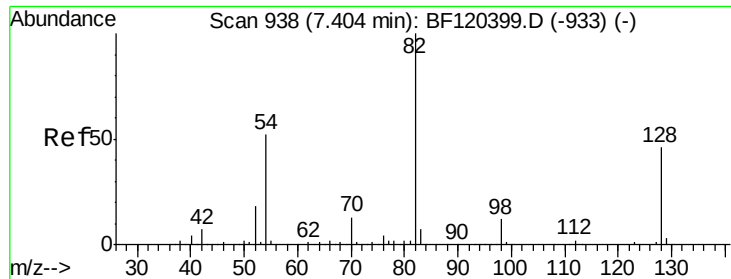
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





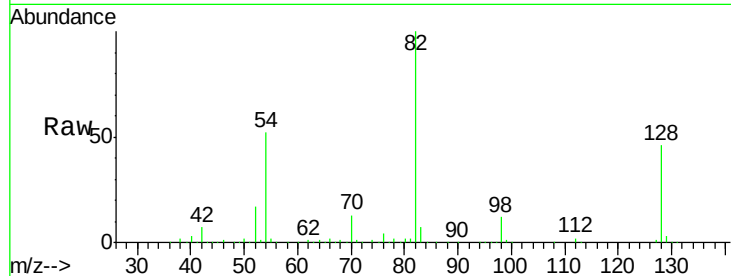
#23
Nitrobenzene-d5
Concen: 65.54 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF120465.D
Acq: 1 Jun 2020 12:37

Instrument :
BNA_F
ClientSampleId :
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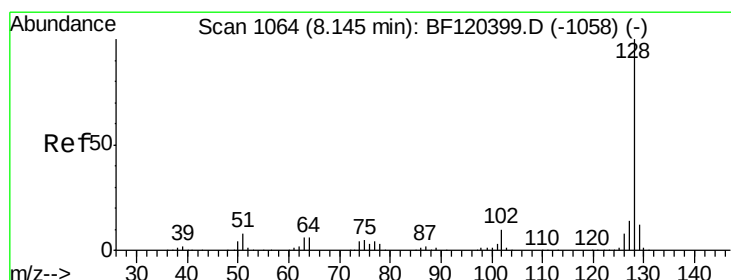
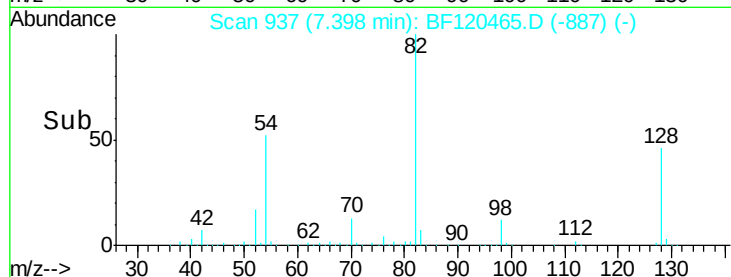
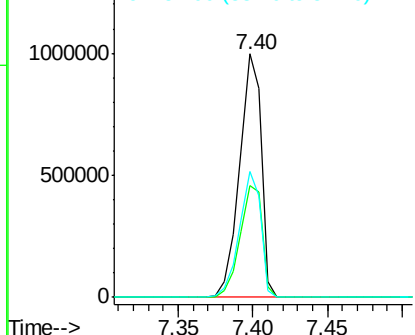
Tgt Ion: 82 Resp: 1011844
Ion Ratio Lower Upper
82 100
128 45.7 36.8 55.2
54 51.9 41.6 62.4

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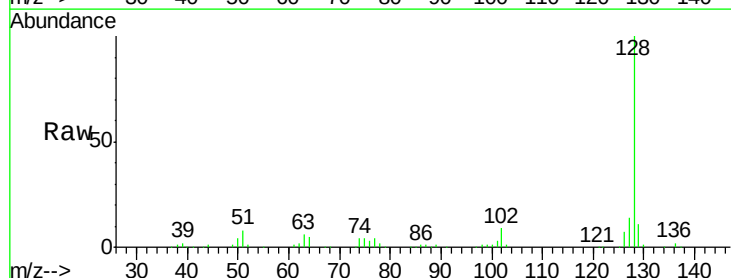


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

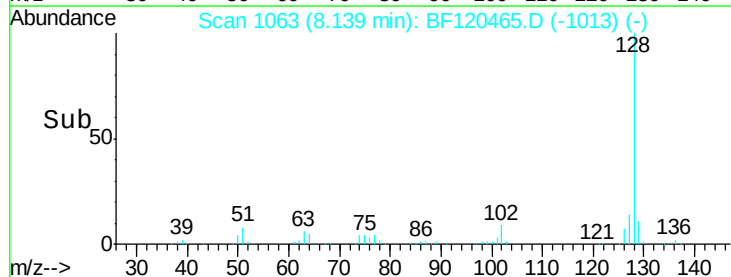
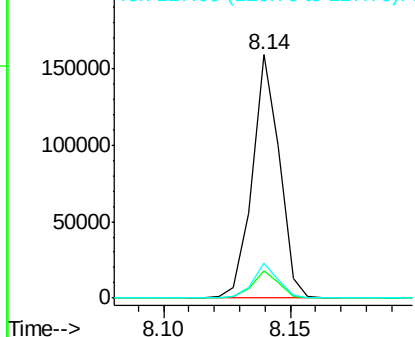


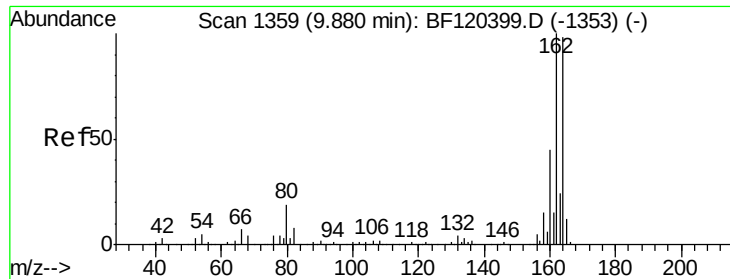
#31
Naphthalene
Concen: 2.68 ng
RT: 8.14 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF120465.D
Acq: 1 Jun 2020 12:37

Tgt Ion: 128 Resp: 118719
Ion Ratio Lower Upper
128 100
129 11.1 9.7 14.5
127 14.3 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





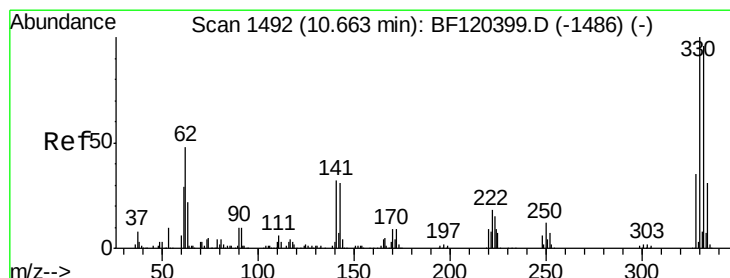
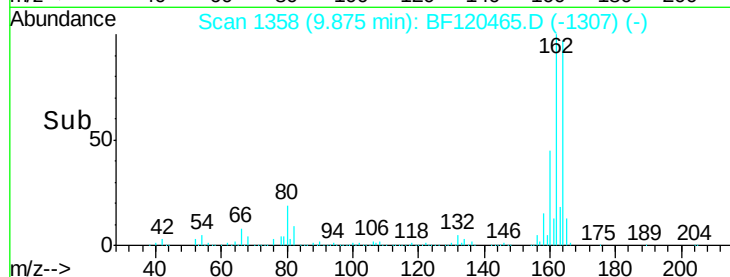
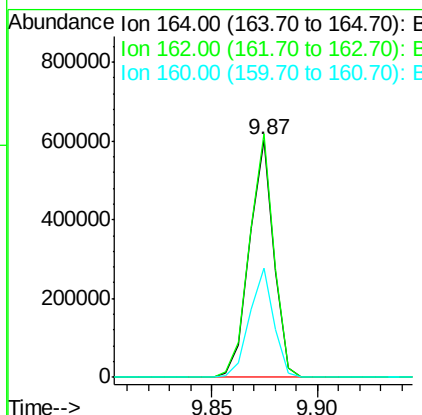
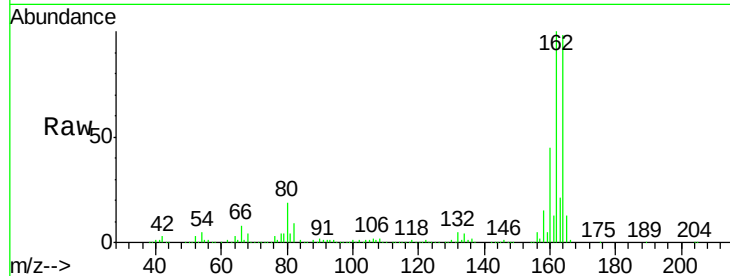
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF120465.D
Acq: 1 Jun 2020 12:37

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
164	100	482153		
162	102.4	81.3	121.9	
160	45.9	36.9	55.3	

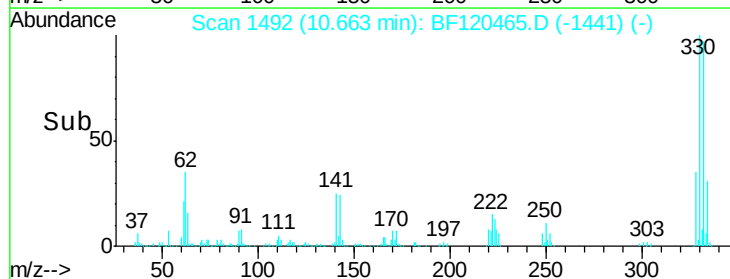
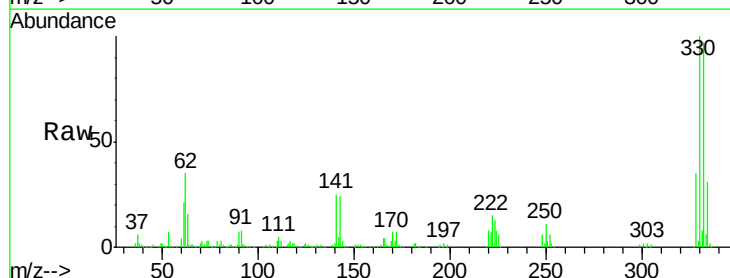
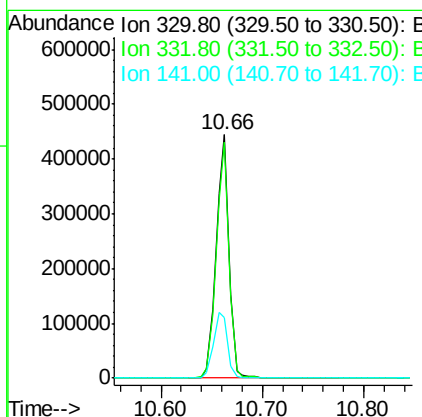
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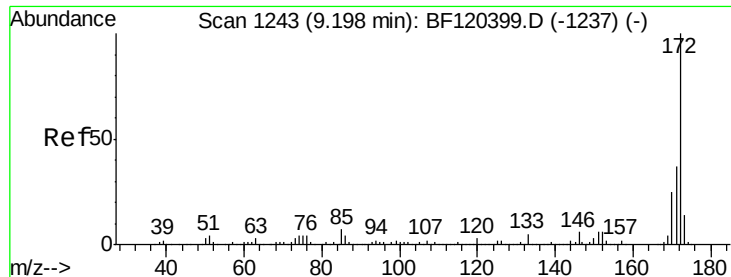
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#42
2,4,6-Tribromophenol
Concen: 87.87 ng
RT: 10.66 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF120465.D
Acq: 1 Jun 2020 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	392556		
332	96.5	77.0	115.6	
141	29.6	25.3	37.9	





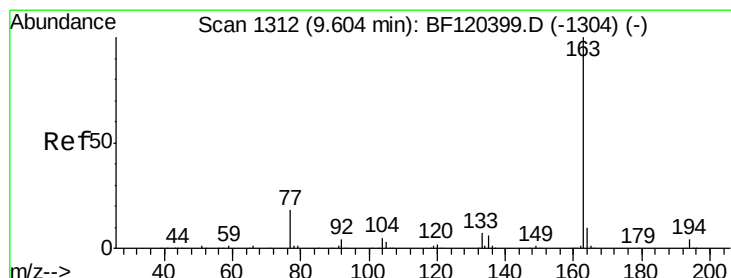
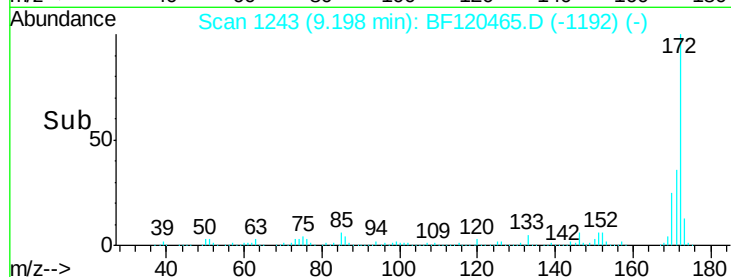
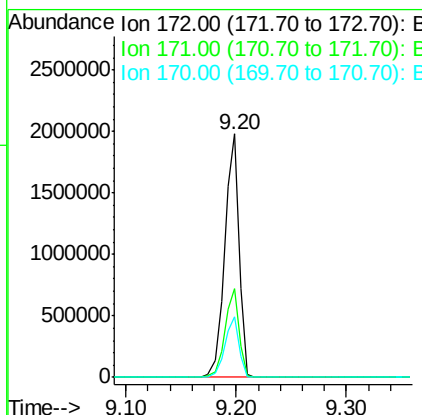
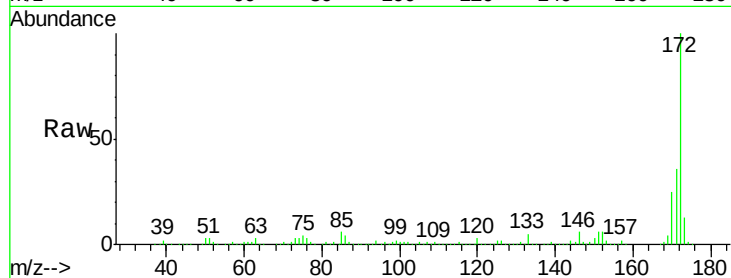
#45
2-Fluorobiphenyl
Concen: 63.11 ng
RT: 9.20 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF120465.D
Acq: 1 Jun 2020 12:37

Instrument :
BNA_F
ClientSampleId :
NM90-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	25.0	19.9	29.9

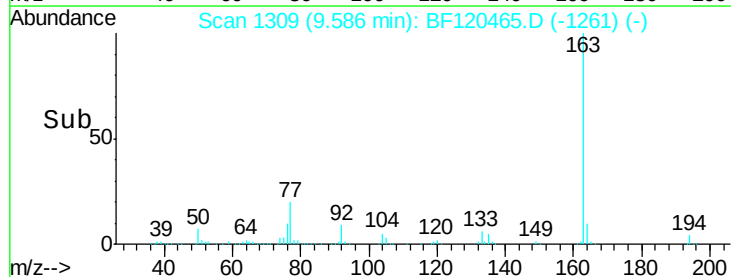
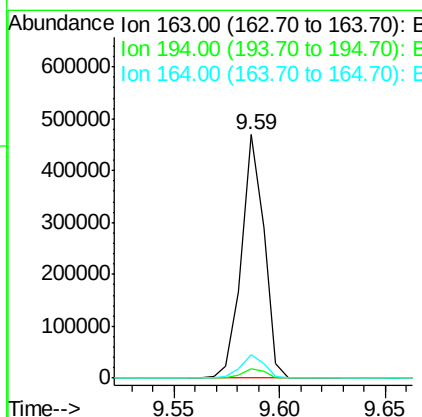
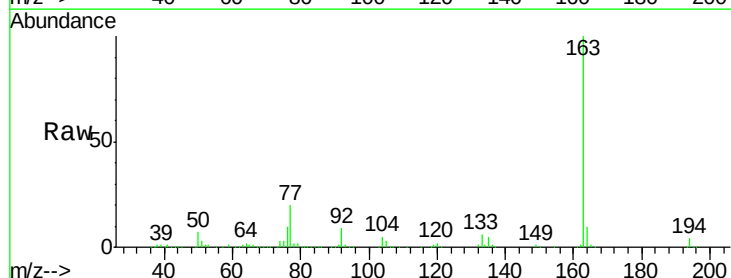
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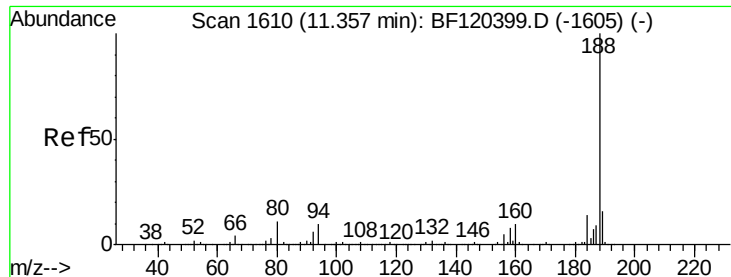
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#50
Dimethylphthalate
Concen: 11.49 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120465.D
Acq: 1 Jun 2020 12:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.3	4.9
164	9.9	8.3	12.5





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF120465.D

Acq: 1 Jun 2020 12:37

Instrument :

BNA_F

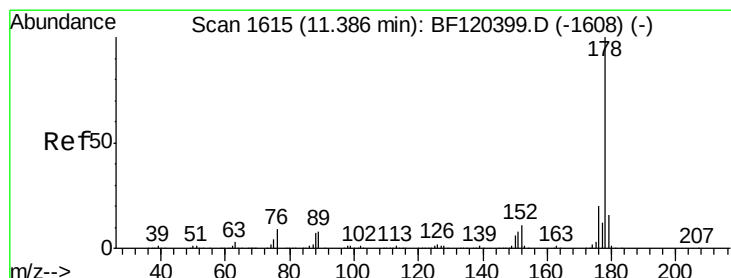
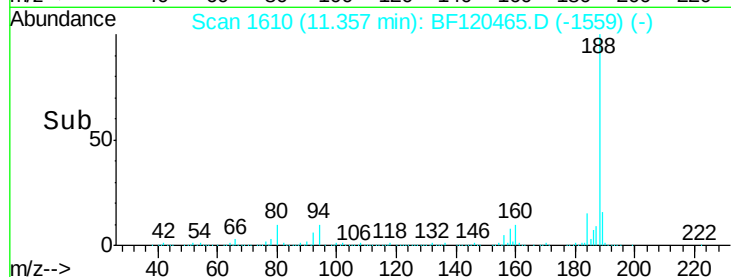
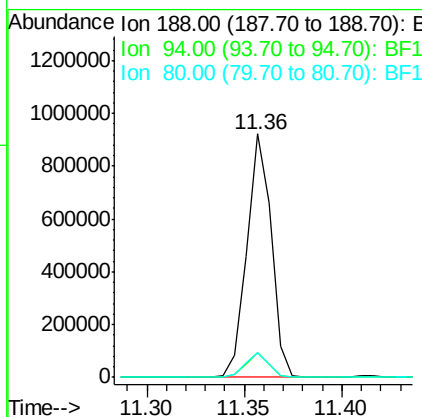
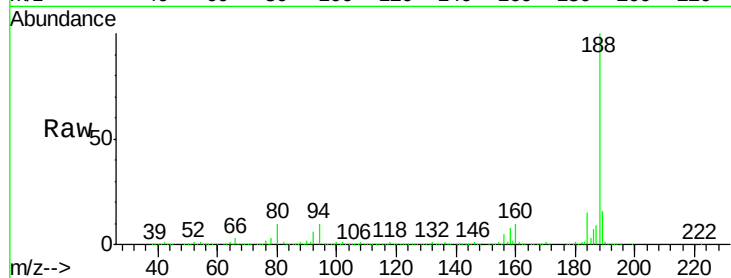
ClientSampleId :

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Tgt Ion:	188	Resp:	799154
Ion Ratio	Lower	Upper	
188	100		
94	10.0	7.9	11.9
80	10.3	8.6	13.0

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#71

Phenanthrene

Concen: 12.55 ng

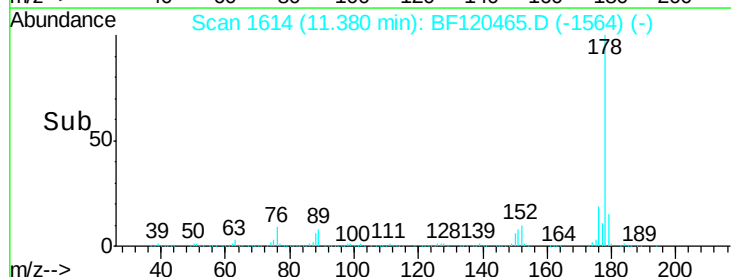
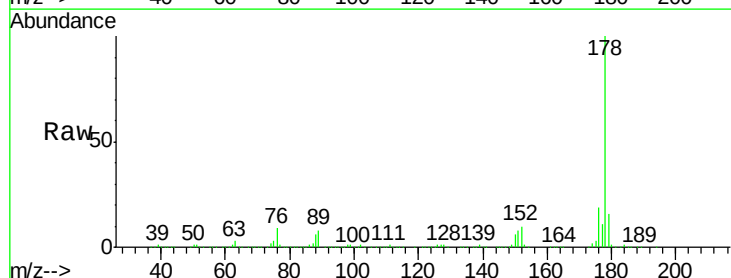
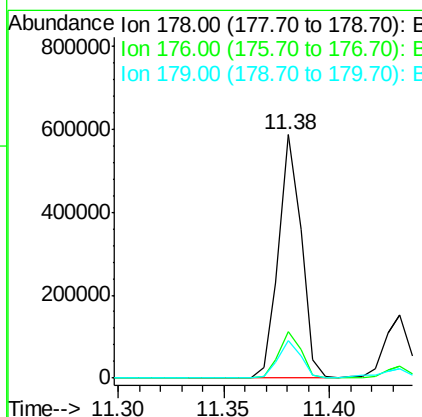
RT: 11.38 min Scan# 1614

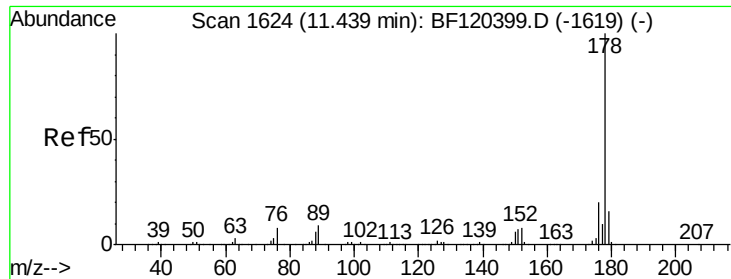
Delta R.T. -0.01 min

Lab File: BF120465.D

Acq: 1 Jun 2020 12:37

Tgt Ion:	178	Resp:	441854
Ion Ratio	Lower	Upper	
178	100		
176	19.3	16.4	24.6
179	15.5	13.0	19.4





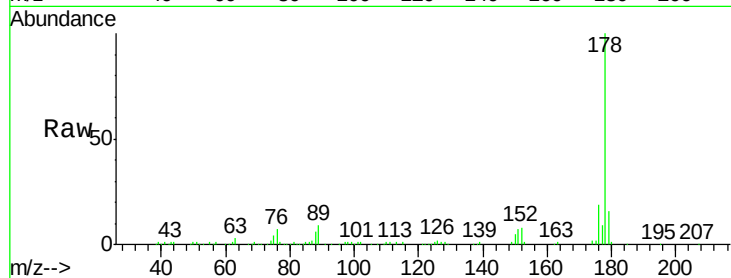
#72
 Anthracene
 Concen: 3.42 ng
 RT: 11.43 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF120465.D
 Acq: 1 Jun 2020 12:37

Instrument :
 BNA_F
 ClientSampleId :
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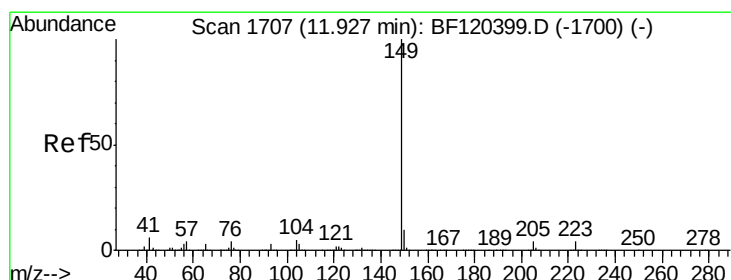
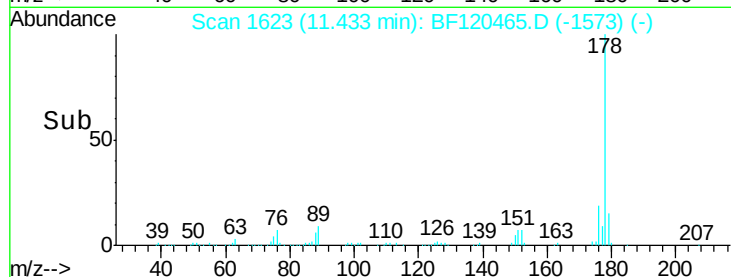
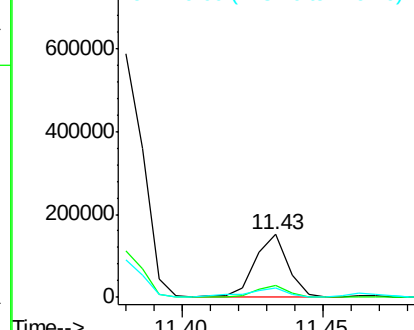
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.6
179	15.6	12.8	19.2

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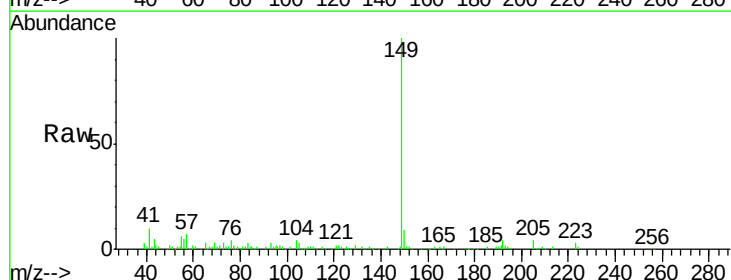


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

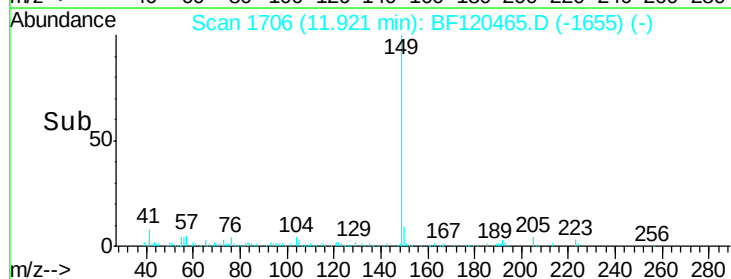
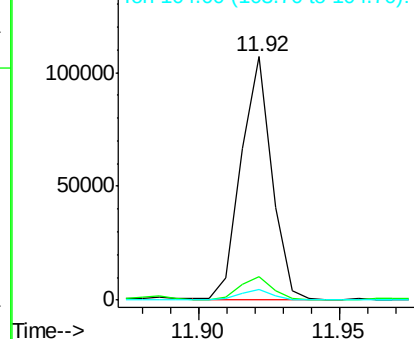


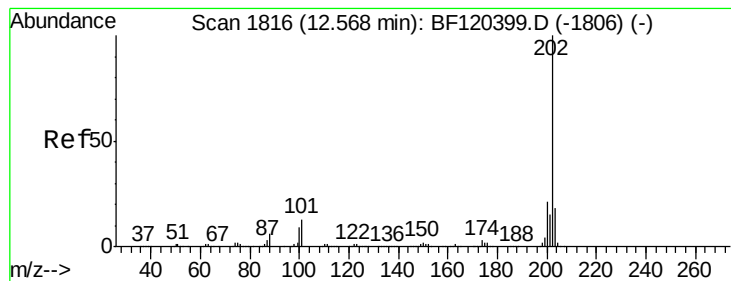
#74
 Di-n-butylphthalate
 Concen: 2.02 ng
 RT: 11.92 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BF120465.D
 Acq: 1 Jun 2020 12:37

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.3	3.6	5.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 15.50 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120465.D

Acq: 1 Jun 2020 12:37

Instrument :

BNA_F

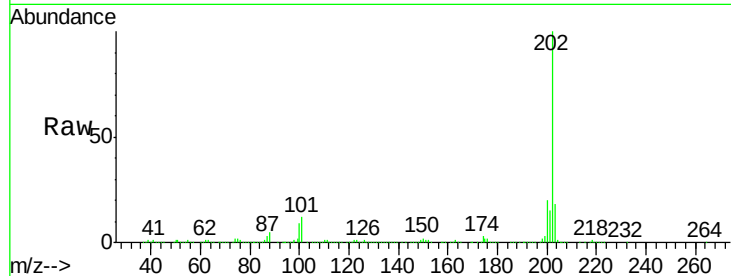
ClientSampleId :

NM90-COMP-2020-0-6

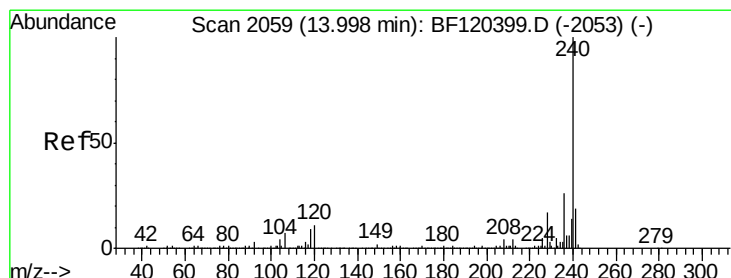
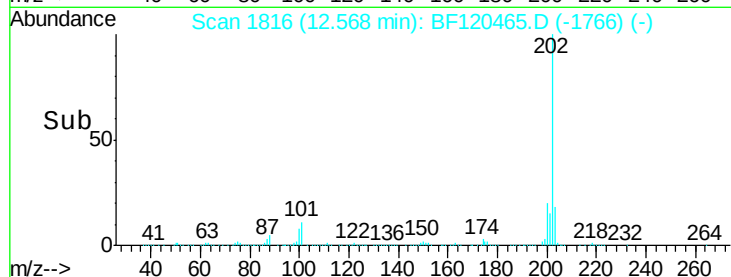
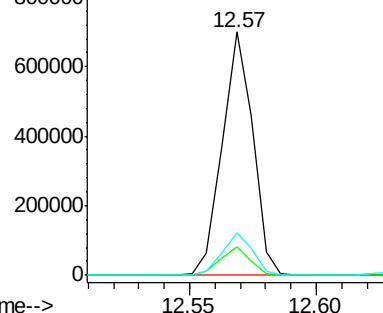
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.5	0.0	32.6
203	17.7	0.0	38.4

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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: 20.00 ng

RT: 14.00 min Scan# 2059

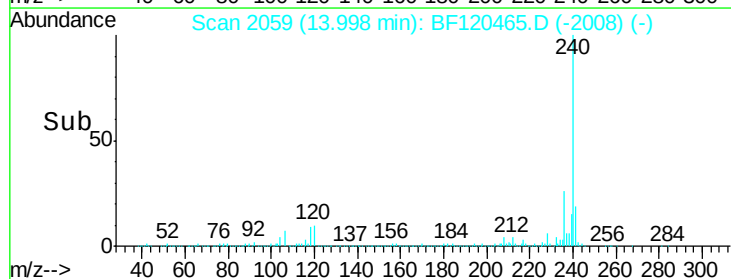
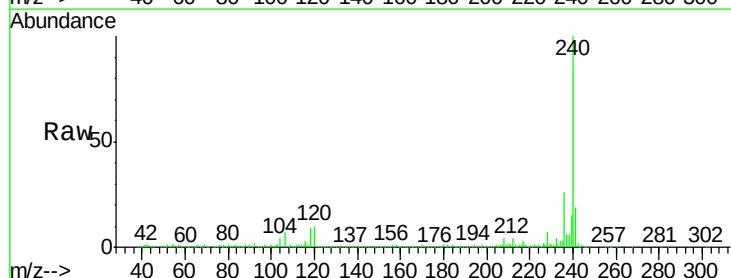
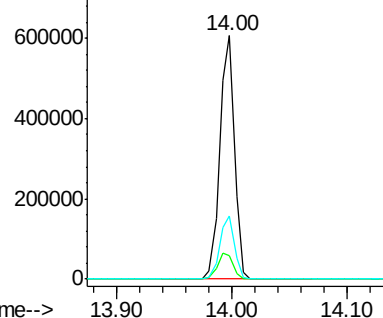
Delta R.T. 0.00 min

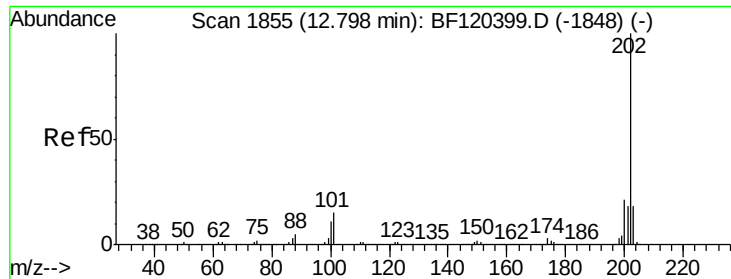
Lab File: BF120465.D

Acq: 1 Jun 2020 12:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.9	8.8	13.2
236	25.9	21.0	31.4

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





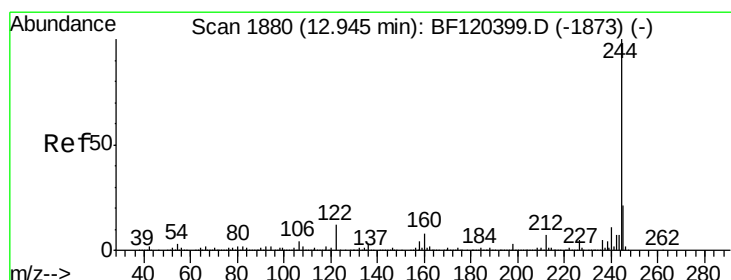
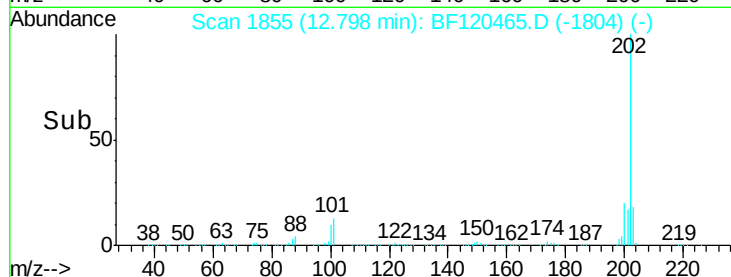
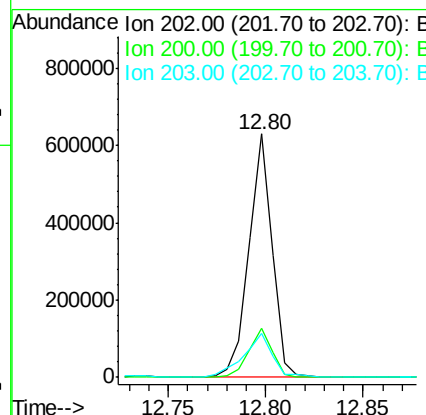
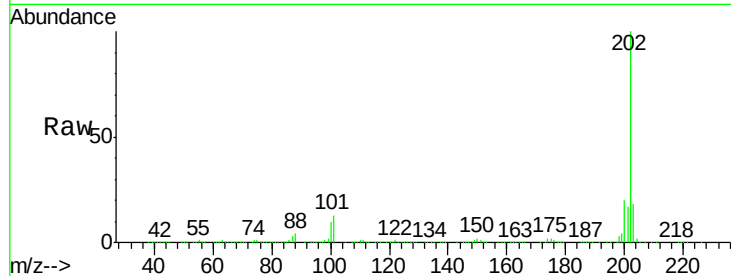
#78
 Pyrene
 Concen: 14.02 ng
 RT: 12.80 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: BF120465.D
 Acq: 1 Jun 2020 12:37

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	518896		
200	20.3	17.0	25.4	
203	18.0	14.7	22.1	

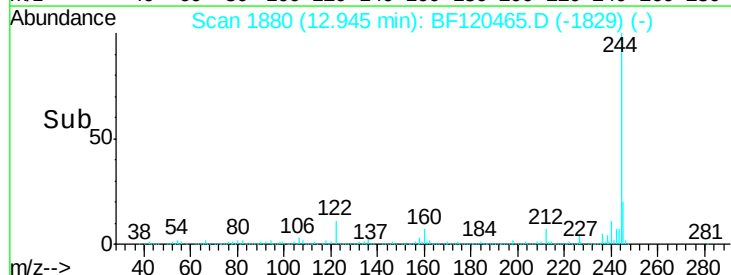
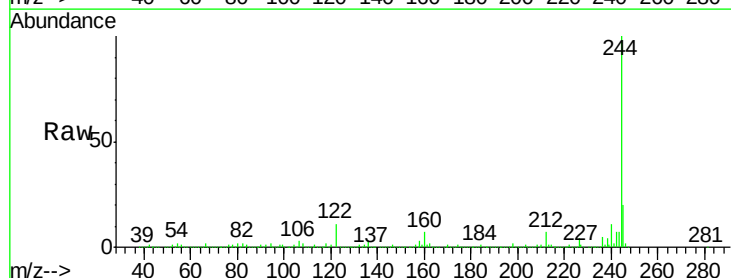
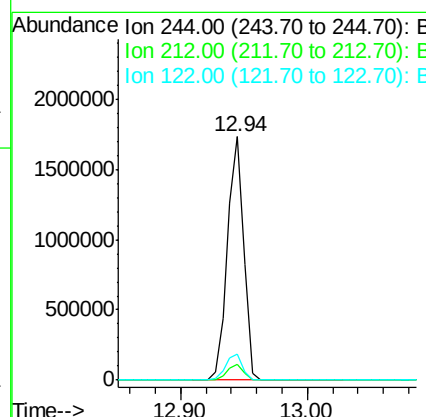
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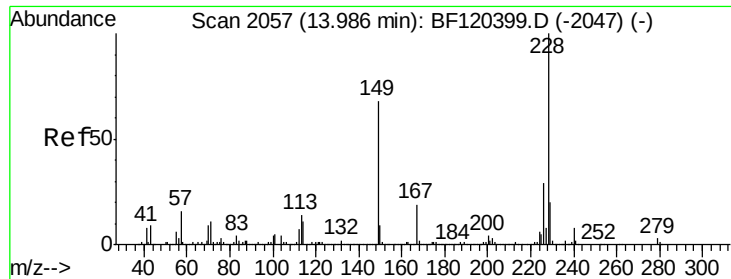
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#79
 Terphenyl-d14
 Concen: 64.77 ng
 RT: 12.94 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BF120465.D
 Acq: 1 Jun 2020 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1549091		
212	6.7	5.9	8.9	
122	10.8	9.2	13.8	





#81

Benzo(a)anthracene

Concen: 9.73 ng

RT: 13.99 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BF120465.D

Acq: 1 Jun 2020 12:37

Instrument :

BNA_F

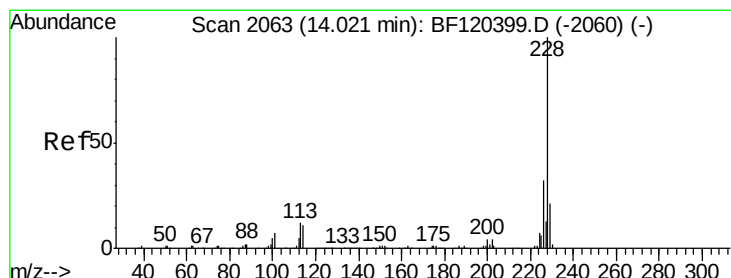
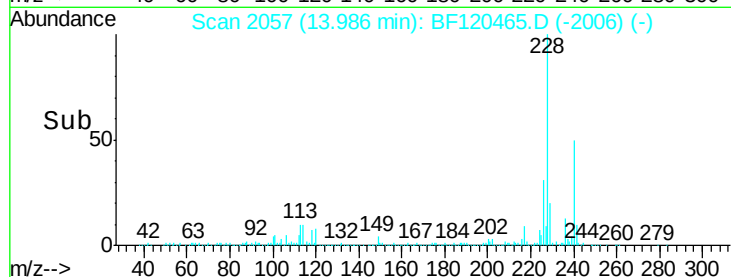
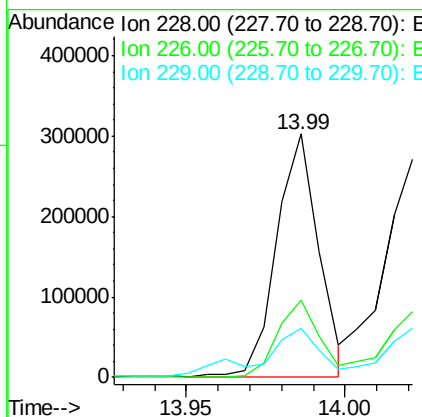
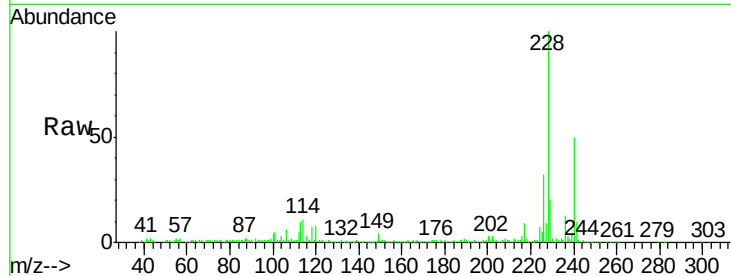
ClientSampleId :

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Tgt Ion:	228	Resp:	277581
Ion Ratio		Lower	Upper
228	100		
226	31.6	23.0	34.4
229	20.3	16.2	24.4

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#83

Chrysene

Concen: 8.68 ng

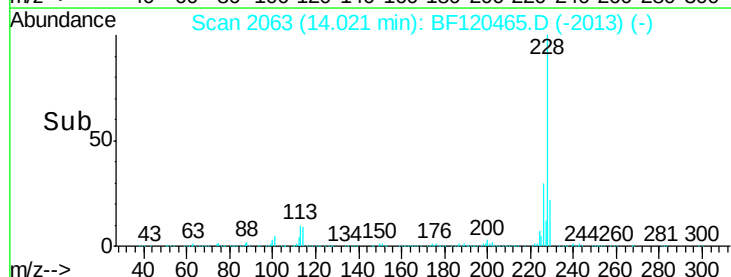
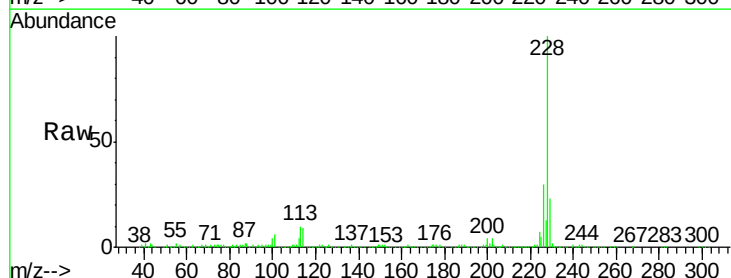
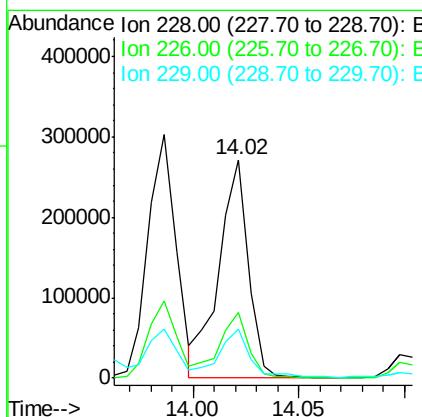
RT: 14.02 min Scan# 2063

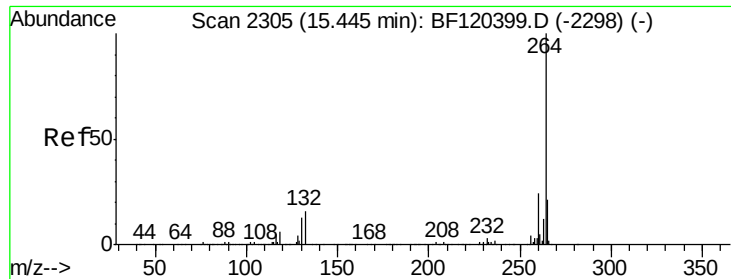
Delta R.T. -0.01 min

Lab File: BF120465.D

Acq: 1 Jun 2020 12:37

Tgt Ion:	228	Resp:	259591
Ion Ratio		Lower	Upper
228	100		
226	29.9	25.6	38.4
229	22.7	16.6	25.0





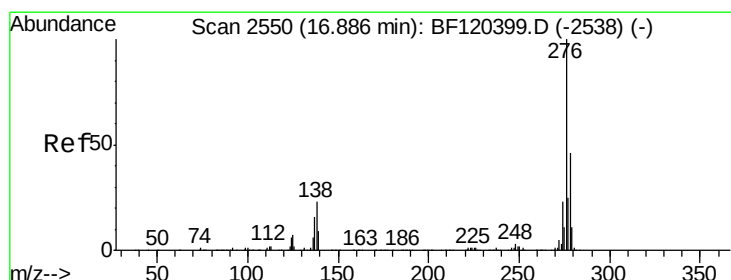
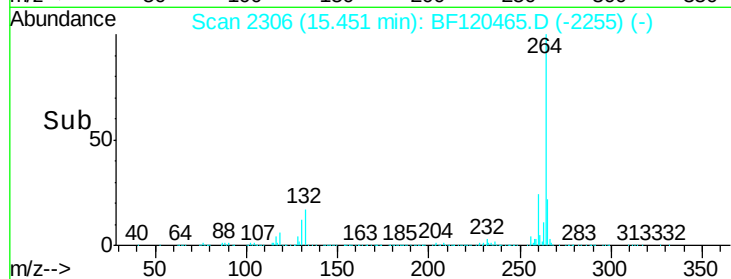
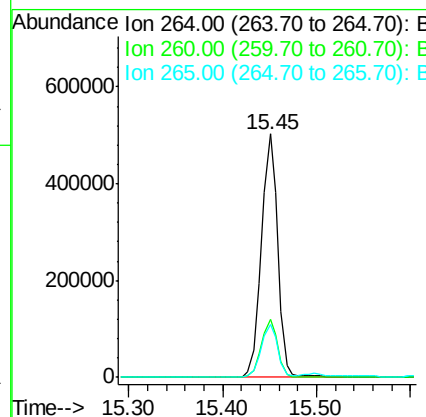
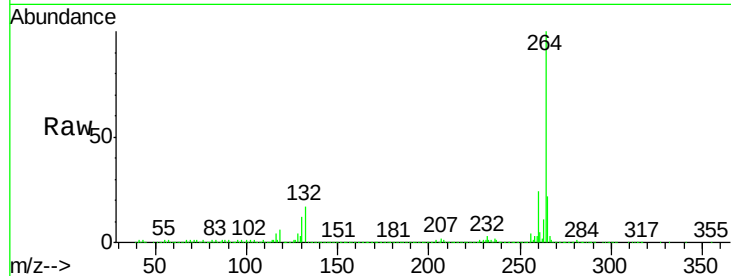
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BF120465.D
Acq: 1 Jun 2020 12:37

Instrument :
BNA_F
ClientSampleId :
NM90-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	16.9	25.3

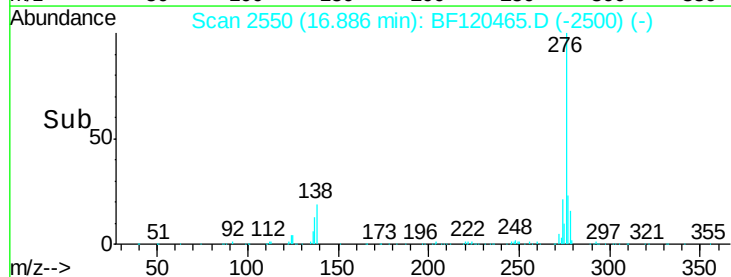
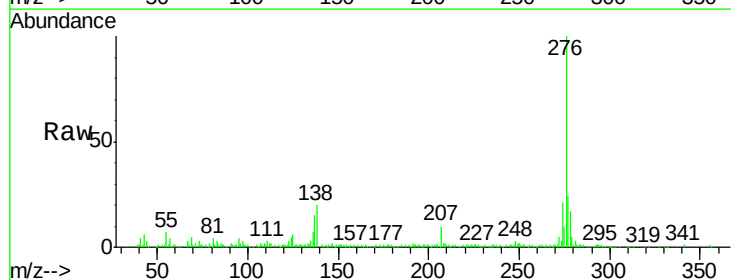
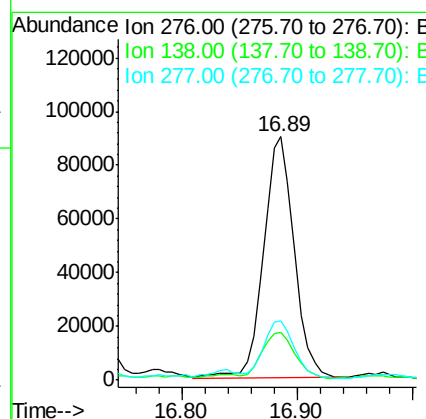
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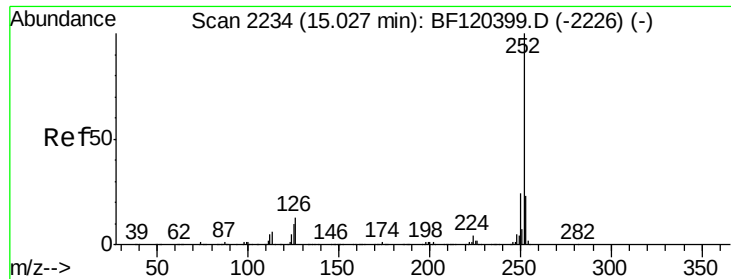
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.98 ng
RT: 16.89 min Scan# 2550
Delta R.T. -0.01 min
Lab File: BF120465.D
Acq: 1 Jun 2020 12:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.1	20.4	30.6#
277	24.3	20.4	30.6





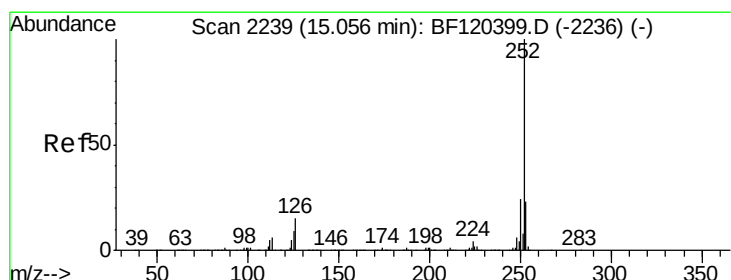
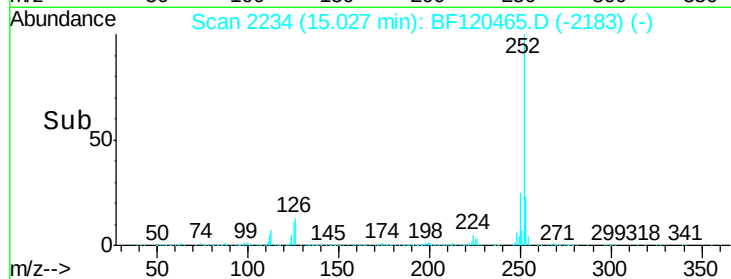
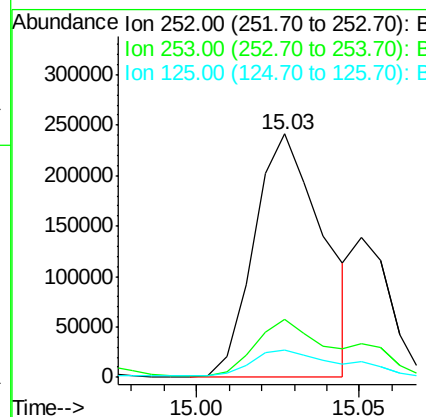
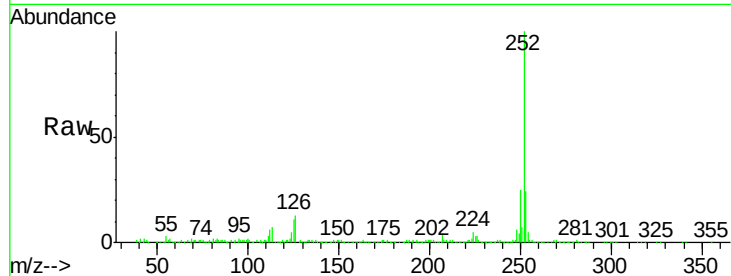
#88
Benzo(b)fluoranthene
Concen: 10.52 ng m
RT: 15.03 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF120465.D
Acq: 1 Jun 2020 12:37

Instrument :
BNA_F
ClientSampleId :
NM90-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	11.1	7.8	11.8

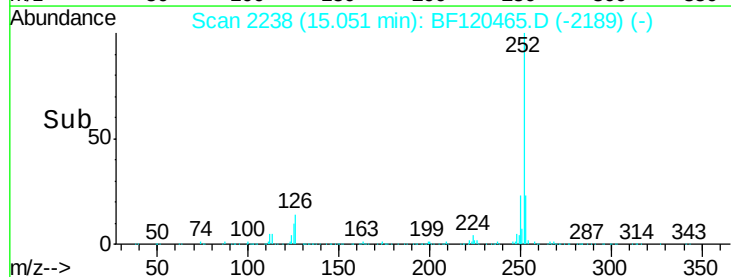
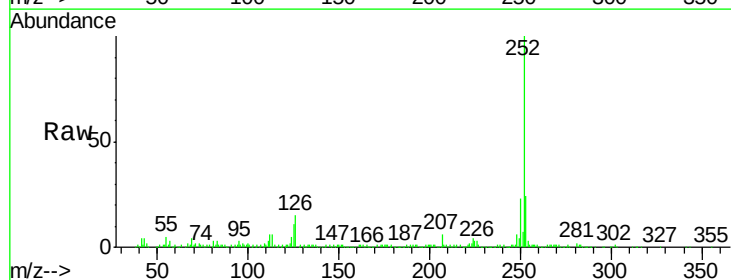
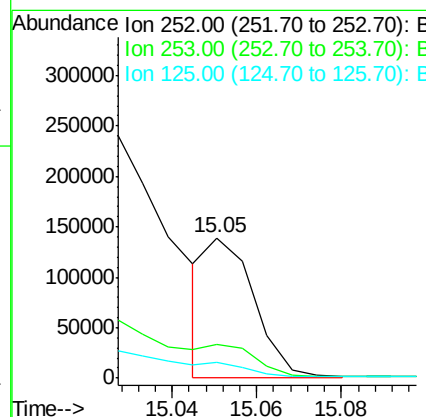
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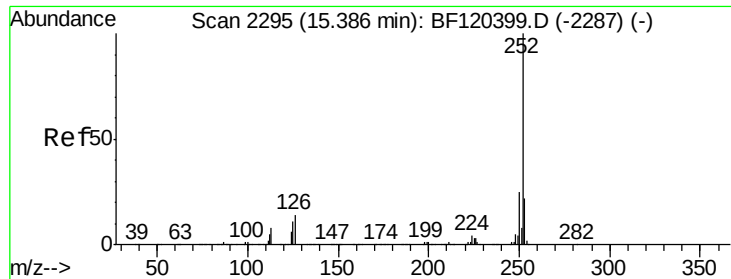
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#89
Benzo(k)fluoranthene
Concen: 3.49 ng m
RT: 15.05 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF120465.D
Acq: 1 Jun 2020 12:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.5	27.7
125	11.0	8.0	12.0





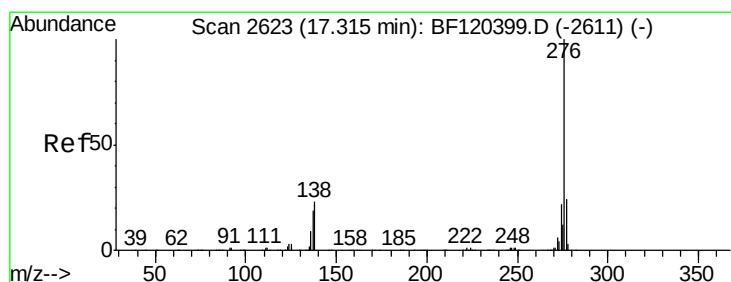
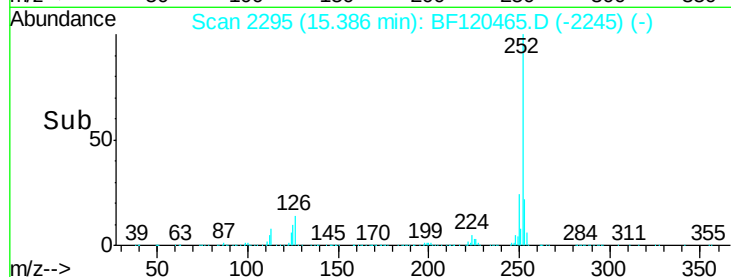
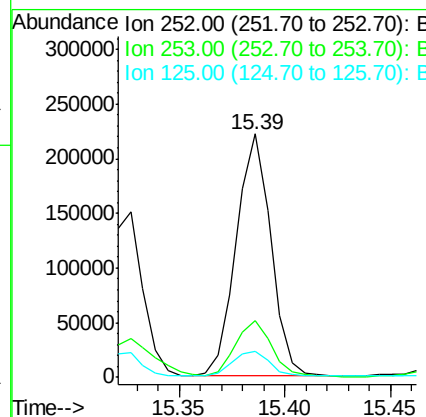
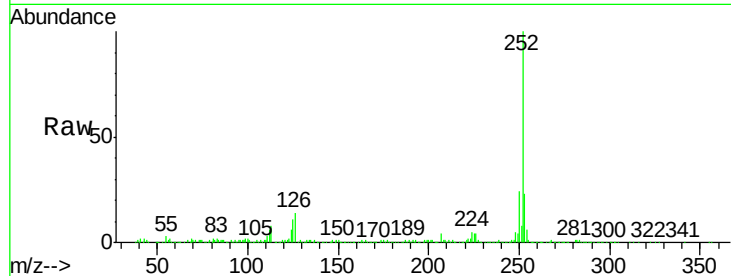
#90
Benzo(a)pyrene
Concen: 8.52 ng
RT: 15.39 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF120465.D
Acq: 1 Jun 2020 12:37

Instrument :
BNA_F
ClientSampleId :
NM90-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	10.8	8.7	13.1

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#92
Benzo(g,h,i)perylene
Concen: 5.57 ng
RT: 17.32 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BF120465.D
Acq: 1 Jun 2020 12:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.5	29.3
138	21.1	18.1	27.1

