

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
 Data File : BF120455.D
 Acq On : 29 May 2020 22:34
 Operator : MA/SJ
 Sample : L2773-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM26-COMP-2020-0-6

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Quant Time: May 30 05:00:06 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	280331	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	995896	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	460474	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	707462	20.00	ng	0.00
76) Chrysene-d12	13.99	240	547524	20.00	ng	0.00
86) Perylene-d12	15.44	264	549737	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1217449	82.76	ng	0.00
7) Phenol-d6	6.46	99	1616619	89.16	ng	0.00
23) Nitrobenzene-d5	7.40	82	1073579	70.52	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	385224	90.29	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1911031	70.42	ng	0.00
79) Terphenyl-d14	12.94	244	1560407	63.42	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	393753	13.678	ng	99
71) Phenanthrene	11.38	178	78731	2.526	ng	97
75) Fluoranthene	12.57	202	192498	5.739	ng	97
78) Pyrene	12.80	202	186227	4.891	ng	97
81) Benzo(a)anthracene	13.98	228	108621	3.702	ng	97
83) Chrysene	14.02	228	101457	3.298	ng	96
88) Benzo(b)fluoranthene	15.02	252	138521m	4.537	ng	
90) Benzo(a)pyrene	15.38	252	97707	3.658	ng	98
92) Benzo(g,h,i)perylene	17.31	276	54527	2.255	ng	97

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

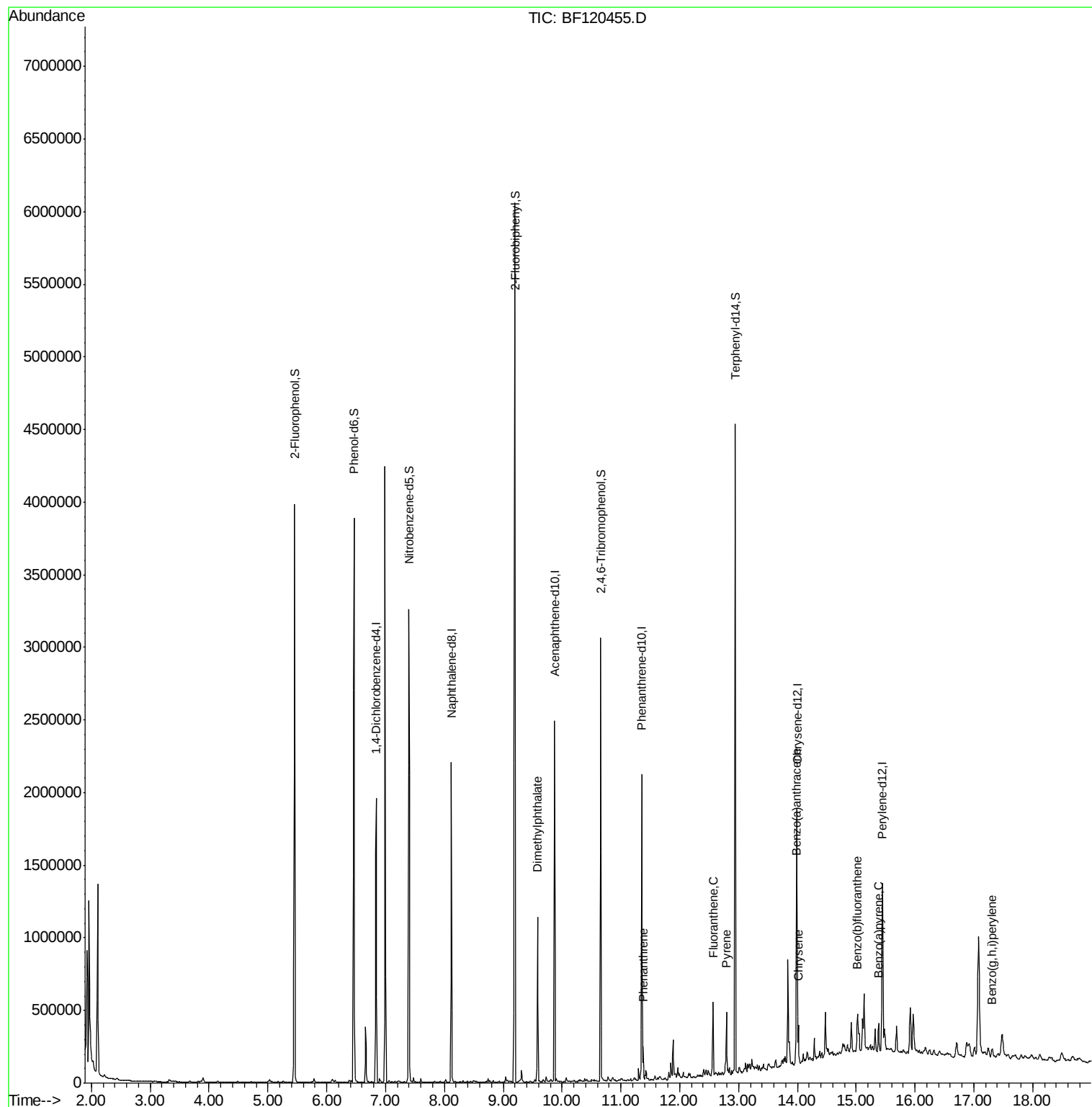
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120455.D
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Misc :
ALS Vial : 24 Sample Multiplier: 1

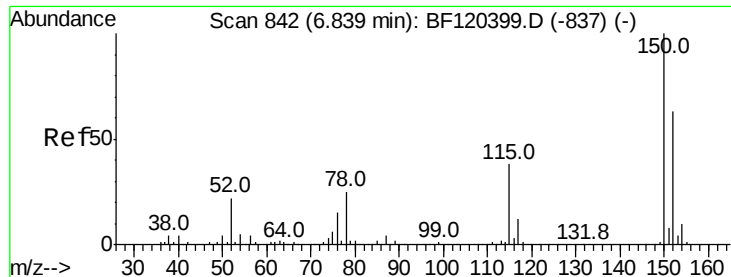
Instrument :
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NM26-COMP-2020-0-6

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

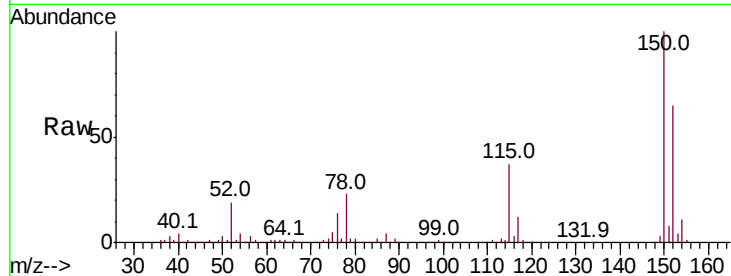
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120455.D
Acq: 29 May 2020 22:34

Instrument :
BNA_F
ClientSampleId :
NM26-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.5	189.7
115	56.3	47.6	71.4

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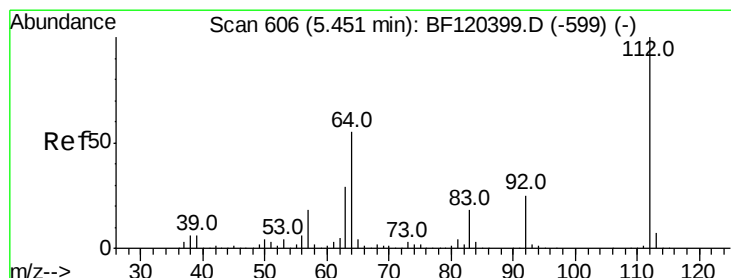
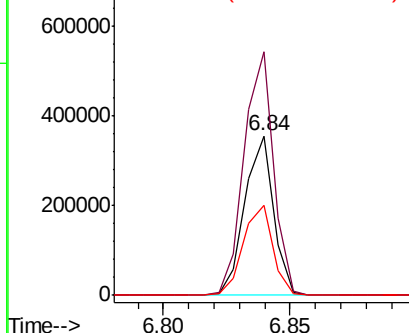
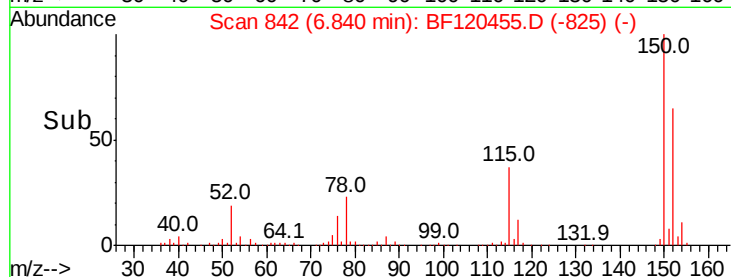


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

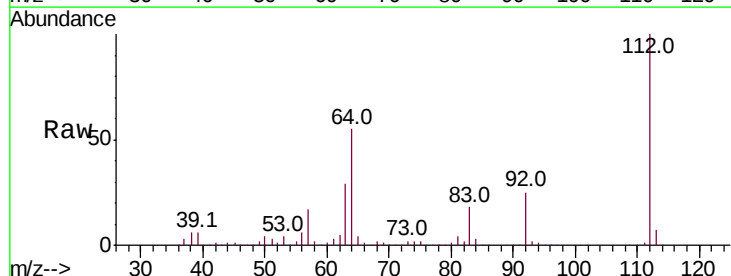
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 82.765 ng
RT: 5.46 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF120455.D
Acq: 29 May 2020 22:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	44.3	66.5
63	28.8	22.9	34.3

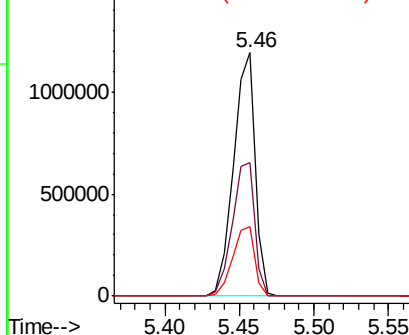
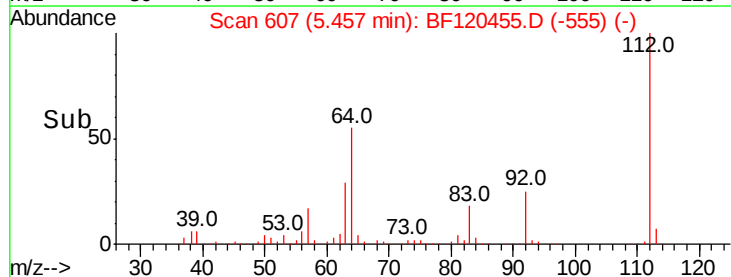


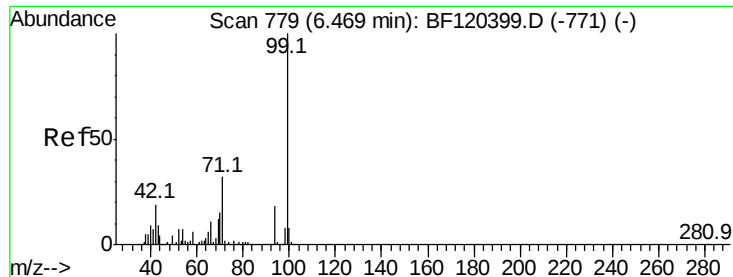
Abundance

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: 89.164 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120455.D

Acq: 29 May 2020 22:34

Instrument :

BNA_F

ClientSampleId :

NM26-COMP-2020-0-6

Tot Ion: 99 Resp: 1616619

Ion Ratio Lower Upper

99 100

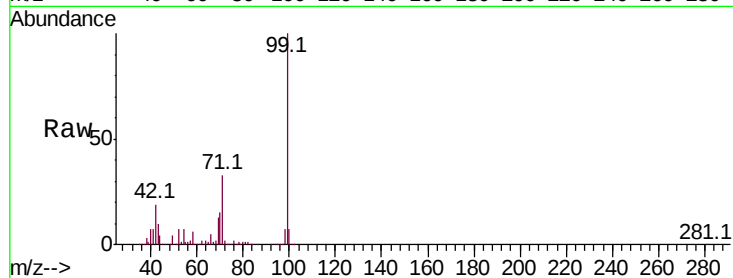
42 19.2 15.2 22.8

71 33.1 25.6 38.4

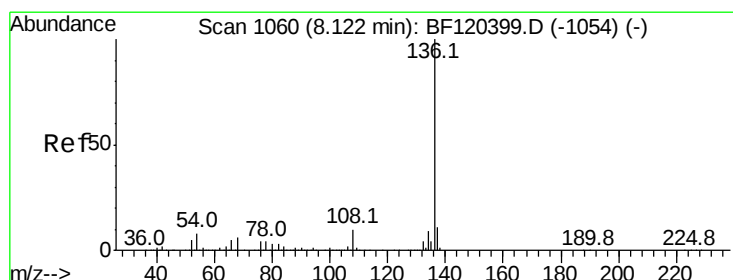
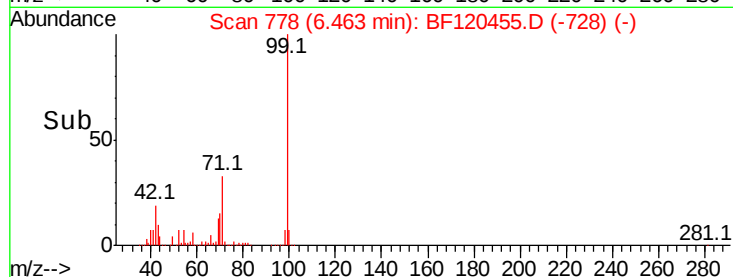
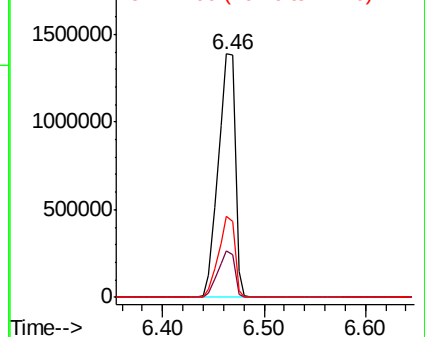
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120455.D

Acq: 29 May 2020 22:34

Tgt Ion: 136 Resp: 995896

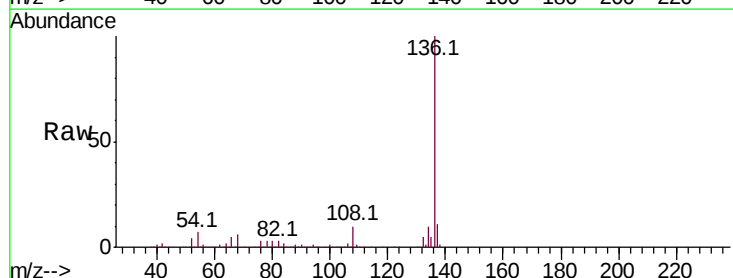
Ion Ratio Lower Upper

136 100

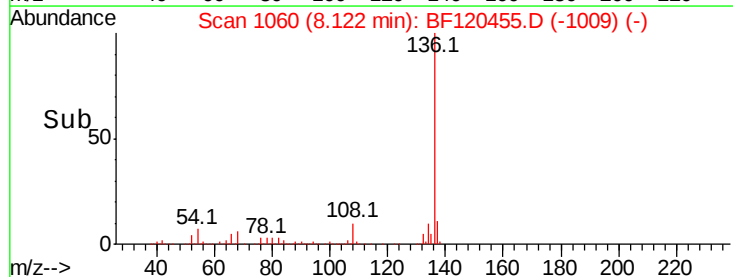
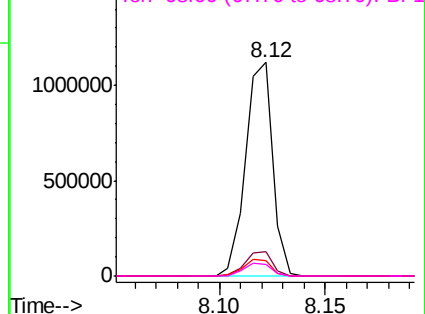
137 11.2 9.1 13.7

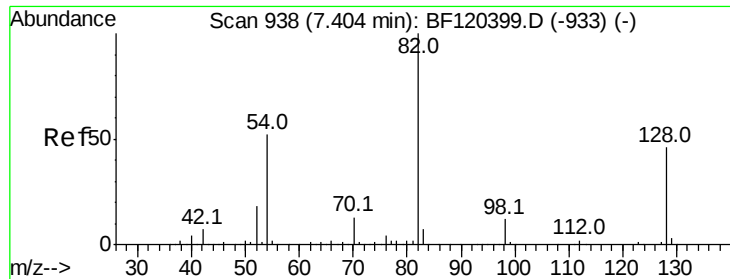
54 7.0 6.7 10.1

68 5.6 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





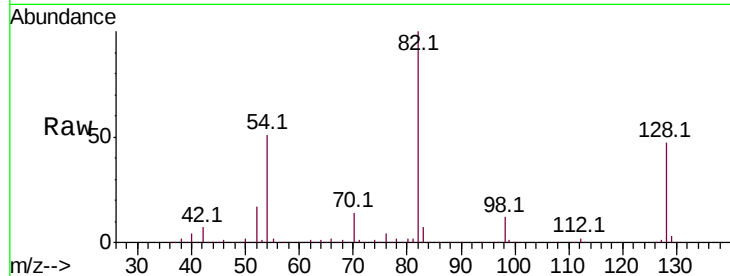
#23
Nitrobenzene-d5
Concen: 70.516 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF120455.D
Acq: 29 May 2020 22:34

Instrument :
BNA_F
ClientSampleId :
NM26-COMP-2020-0-6

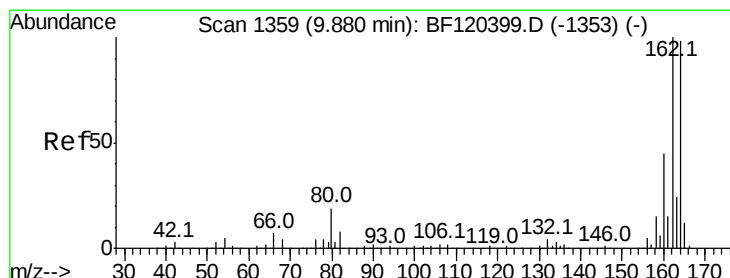
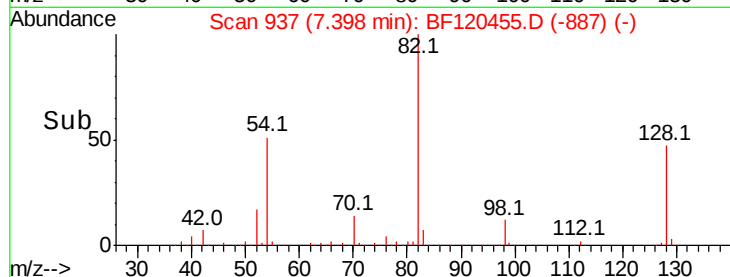
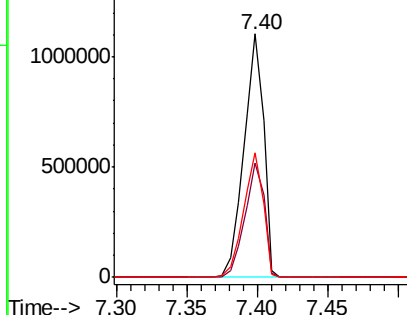
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.8	55.2
54	51.0	41.6	62.4

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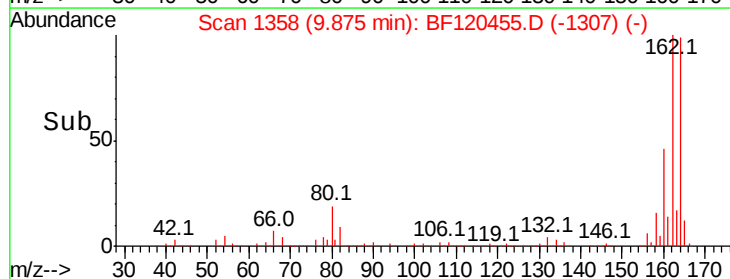
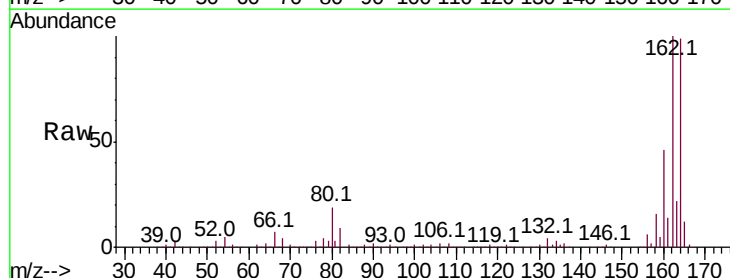
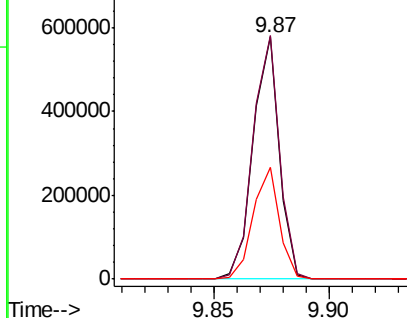
Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000 Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

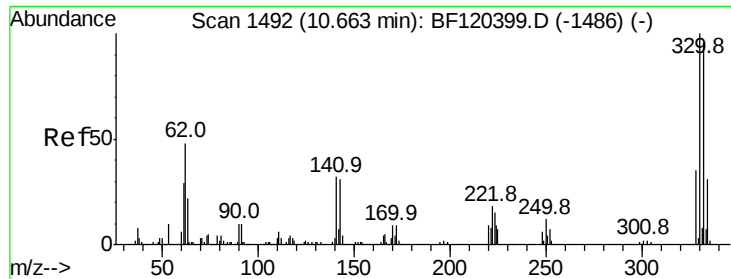


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF120455.D
Acq: 29 May 2020 22:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.3	121.9
160	46.1	36.9	55.3

Abundance Ion 164.00 (163.70 to 164.70): E
800000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





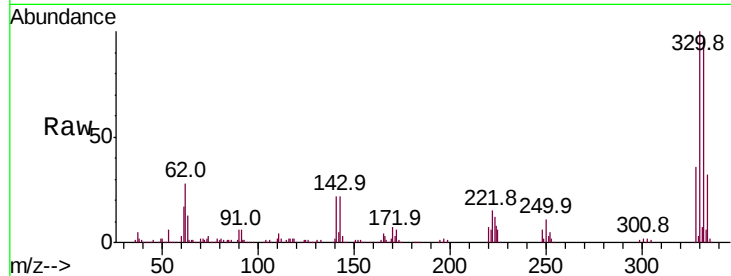
#42
 2,4,6-Tribromophenol
 Concen: 90.291 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF120455.D
 Acq: 29 May 2020 22:34

Instrument :
 BNA_F
 ClientSampleId :
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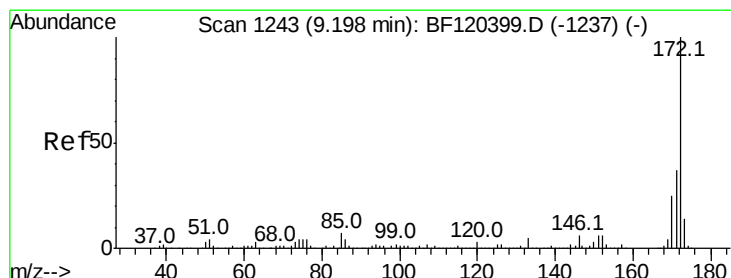
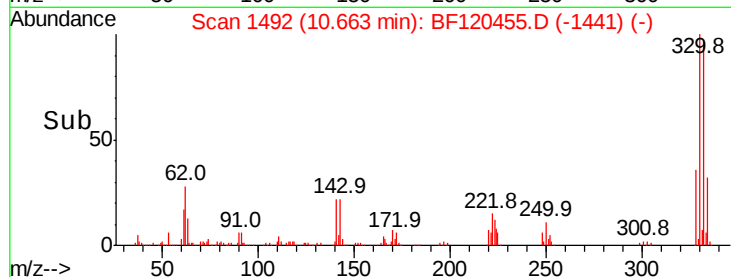
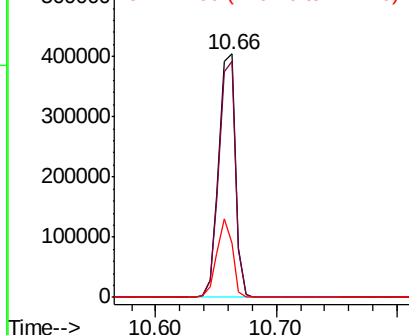
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	29.8	25.3	37.9

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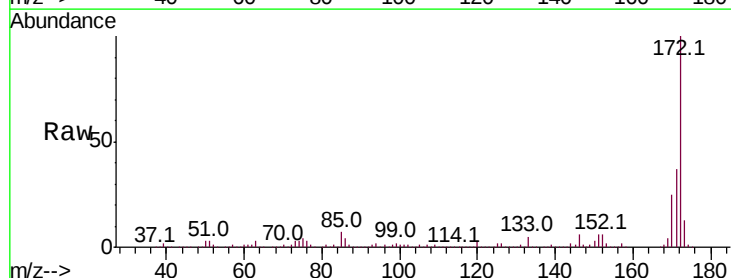


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

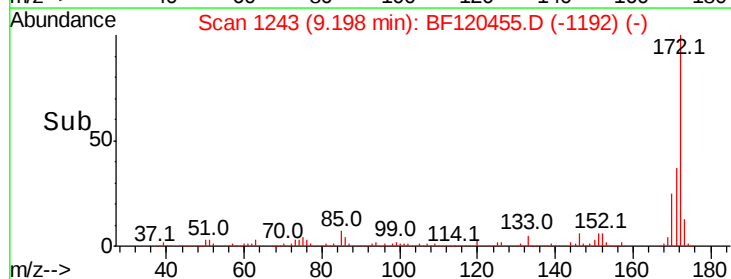
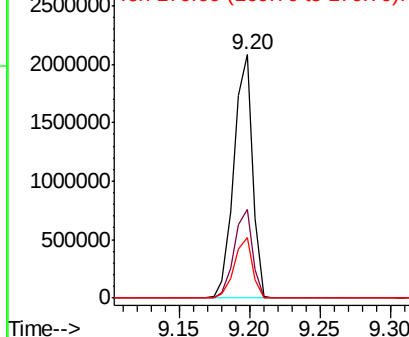


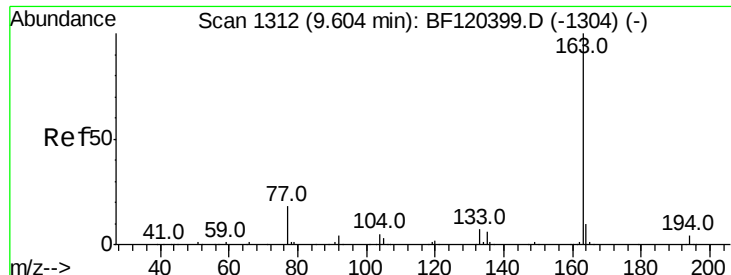
#45
 2-Fluorobiphenyl
 Concen: 70.415 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120455.D
 Acq: 29 May 2020 22:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	25.0	19.9	29.9



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





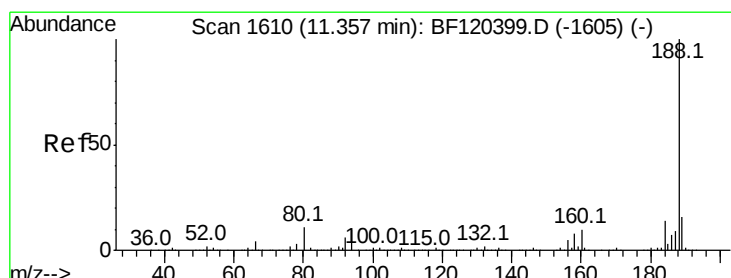
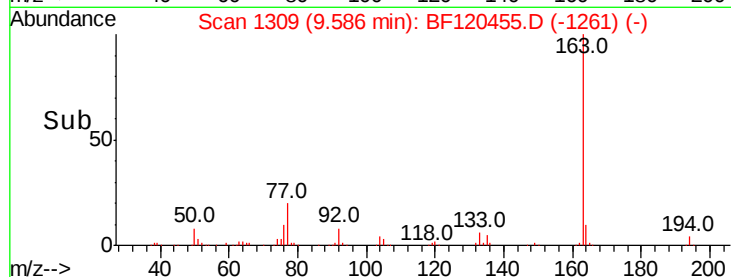
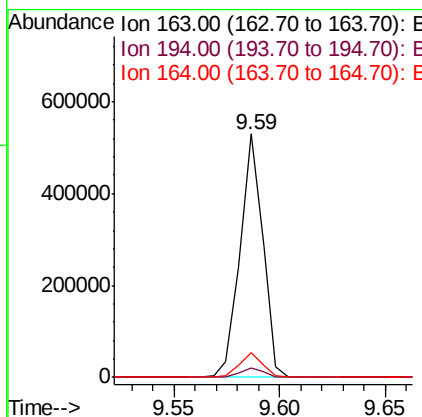
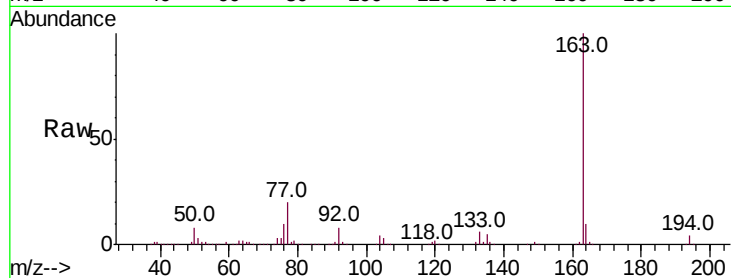
#50
 Dimethylphthalate
 Concen: 13.678 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.02 min
 Lab File: BF120455.D
 Acq: 29 May 2020 22:34

Instrument :
 BNA_F
 ClientSampleId :
 NM26-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.2	8.3	12.5

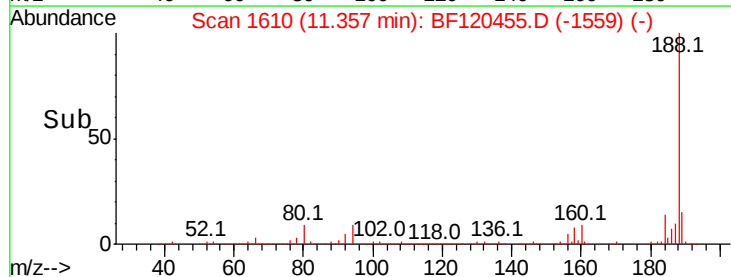
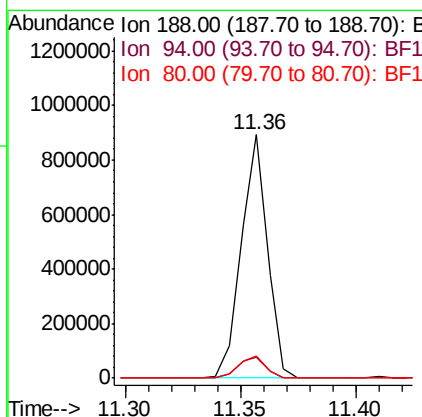
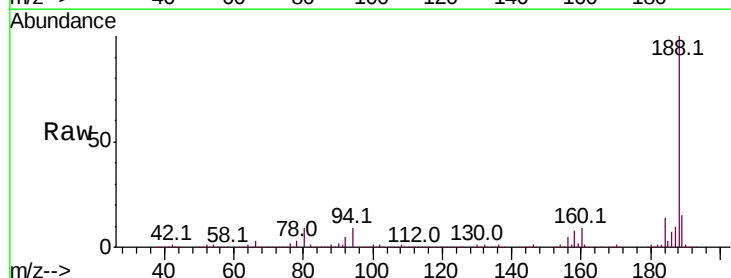
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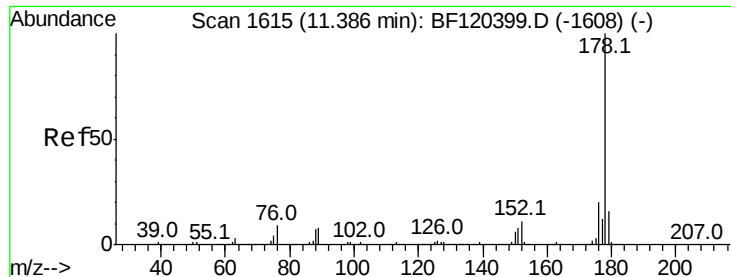
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF120455.D
 Acq: 29 May 2020 22:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.9	11.9
80	9.3	8.6	13.0





#71

Phenanthrene

Concen: 2.526 ng

RT: 11.38 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BF120455.D

Acq: 29 May 2020 22:34

Instrument :

BNA_F

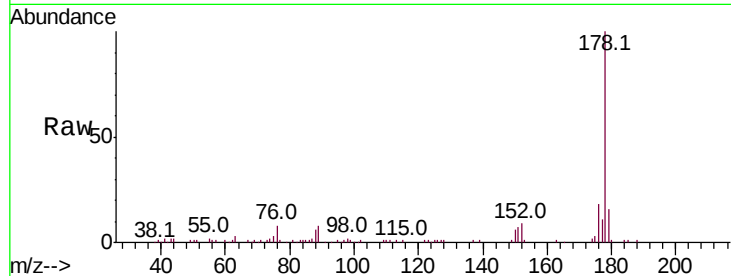
ClientSampleId :

NM26-COMP-2020-0-6

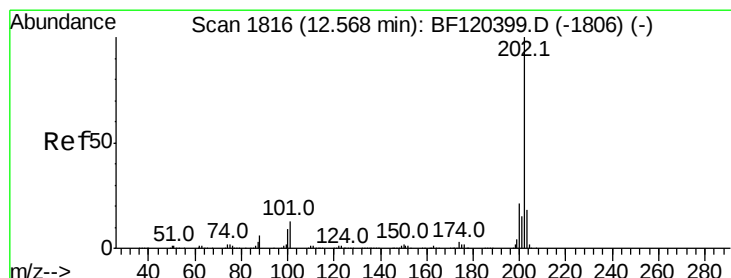
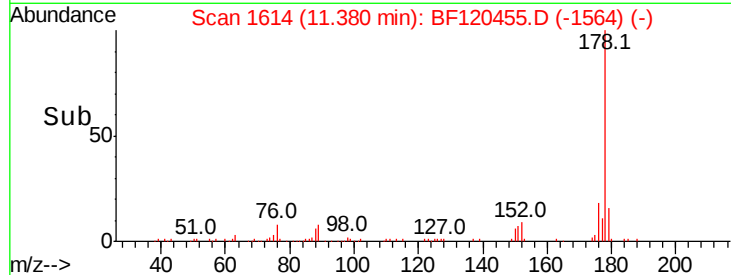
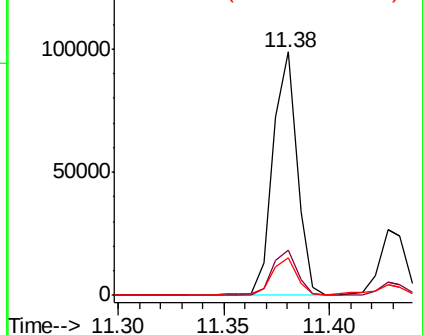
Tot Ion:178	Resp:	78731
Ion Ratio	Lower	Upper
178	100	
176	18.5	16.4 24.6
179	15.5	13.0 19.4

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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



#75

Fluoranthene

Concen: 5.739 ng

RT: 12.57 min Scan# 1816

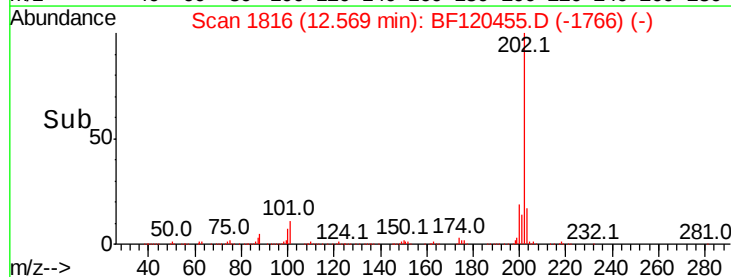
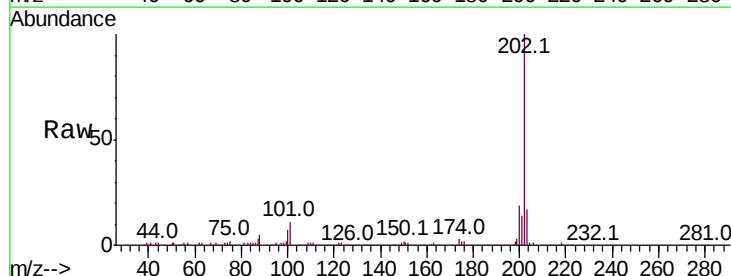
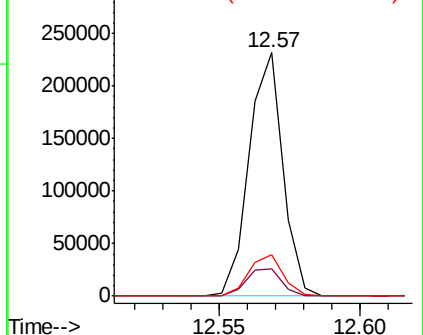
Delta R.T. -0.01 min

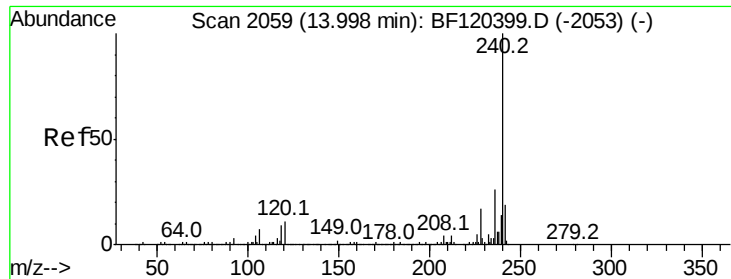
Lab File: BF120455.D

Acq: 29 May 2020 22:34

Tgt Ion:202	Resp:	192498
Ion Ratio	Lower	Upper
202	100	
101	11.4	0.0 32.6
203	17.2	0.0 38.4

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: 13.99 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BF120455.D

Acq: 29 May 2020 22:34

Instrument :

BNA_F

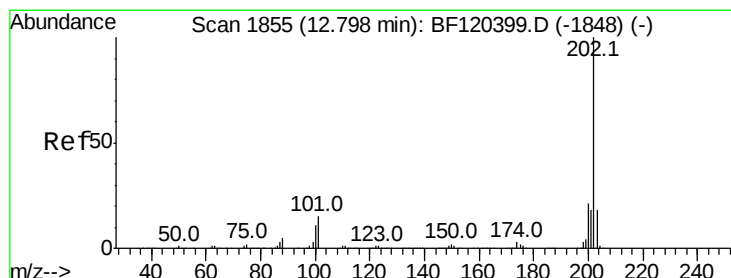
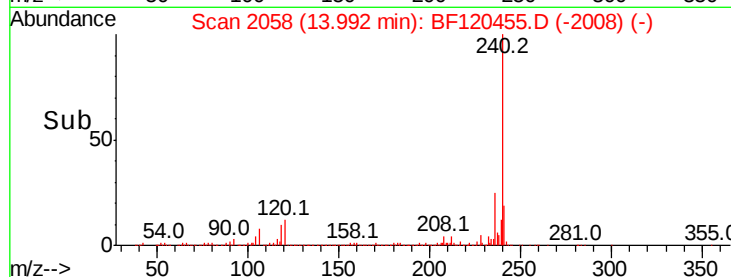
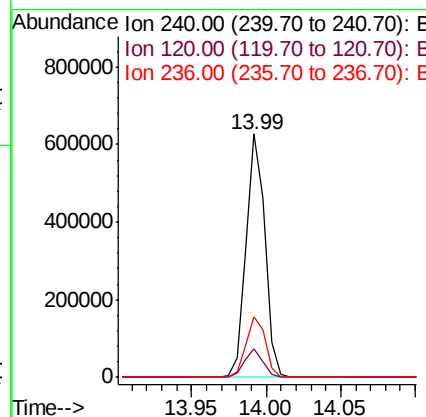
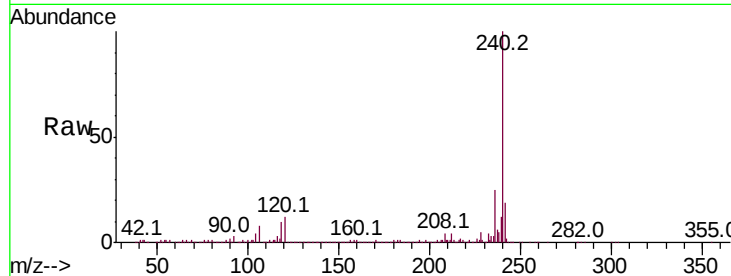
ClientSampleId :

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Tot Ion:	240	Resp:	547524
Ion Ratio	Lower	Upper	
240	100		
120	11.8	8.8	13.2
236	25.1	21.0	31.4

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#78

Pyrene

Concen: 4.891 ng

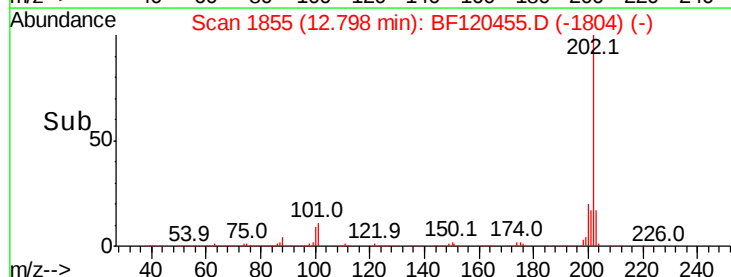
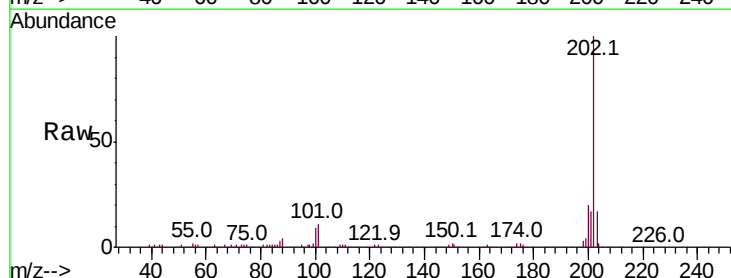
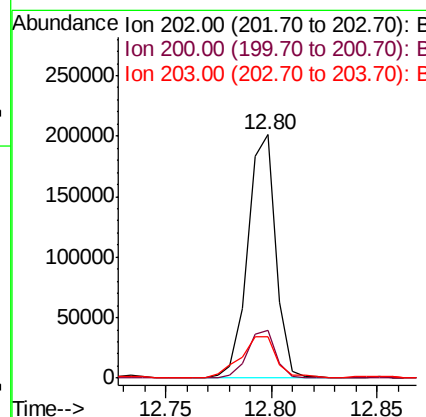
RT: 12.80 min Scan# 1855

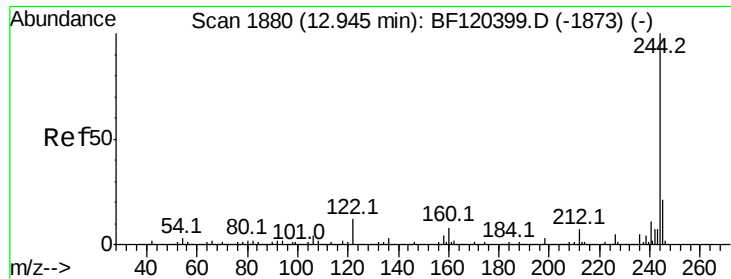
Delta R.T. 0.00 min

Lab File: BF120455.D

Acq: 29 May 2020 22:34

Tgt Ion:	202	Resp:	186227
Ion Ratio	Lower	Upper	
202	100		
200	19.6	17.0	25.4
203	17.1	14.7	22.1





#79

Terphenyl-d14

Concen: 63.418 ng

RT: 12.94 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120455.D

Acq: 29 May 2020 22:34

Instrument :

BNA_F

ClientSampleId :

NM26-COMP-2020-0-6

Tot Ion:244 Resp: 1560407

Ion Ratio Lower Upper

244 100

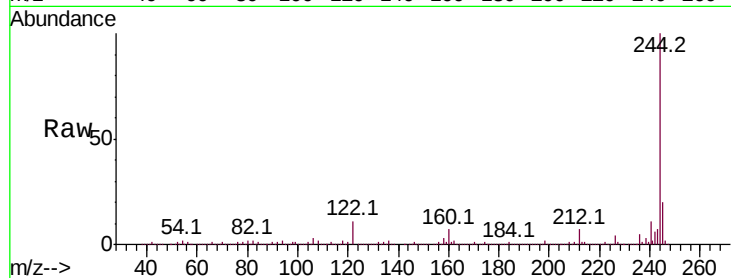
212 6.6 5.9 8.9

122 10.7 9.2 13.8

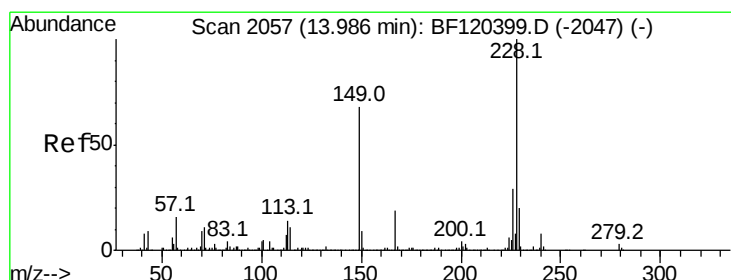
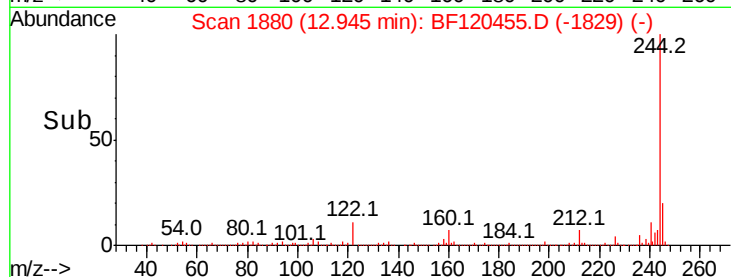
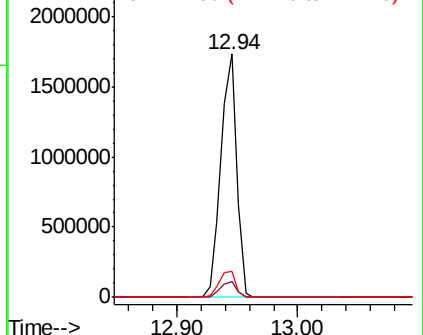
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 3.702 ng

RT: 13.98 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF120455.D

Acq: 29 May 2020 22:34

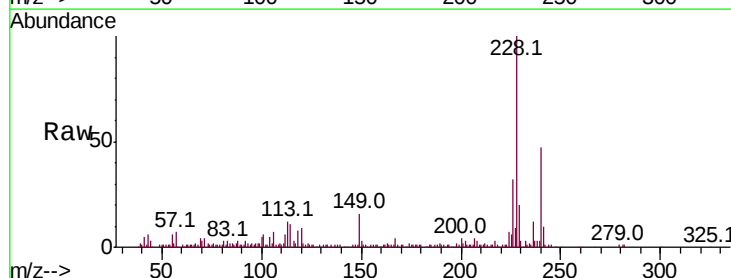
Tgt Ion:228 Resp: 108621

Ion Ratio Lower Upper

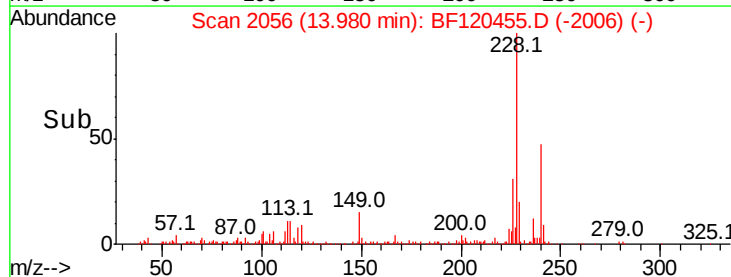
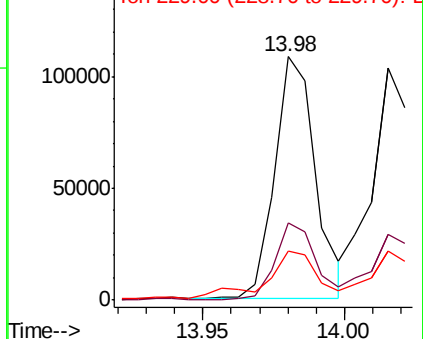
228 100

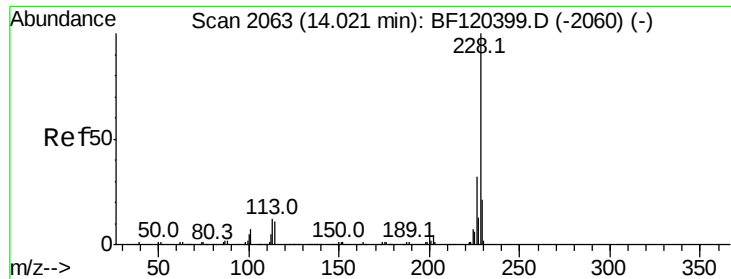
226 31.6 23.0 34.4

229 20.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





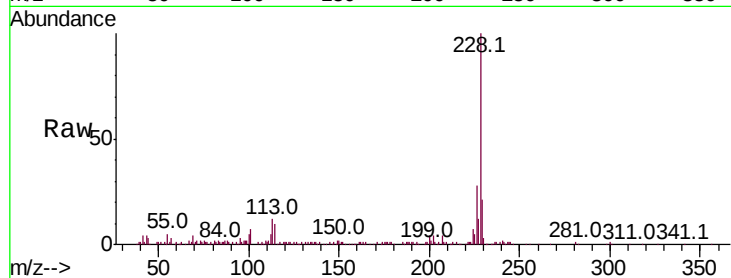
#83
 Chrysene
 Concen: 3.298 ng
 RT: 14.02 min Scan# 2062
 Delta R.T. -0.01 min
 Lab File: BF120455.D
 Acq: 29 May 2020 22:34

Instrument :
 BNA_F
 ClientSampleId :
 NM26-COMP-2020-0-6

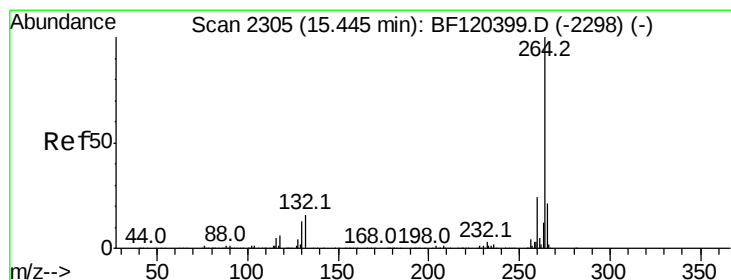
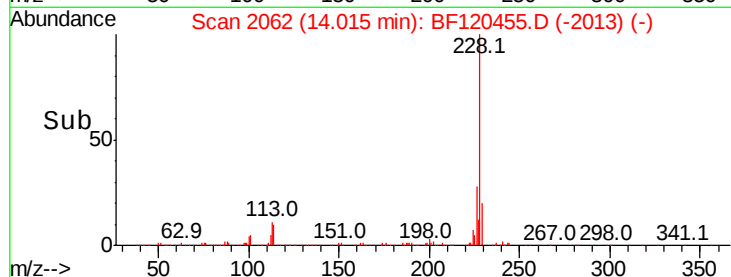
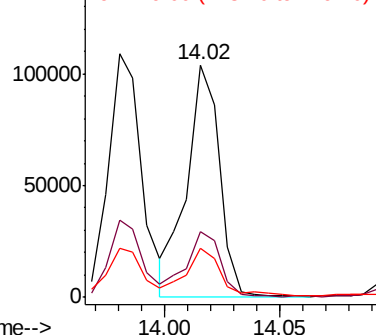
Tot Ion:	228	Resp:	101457
Ion Ratio	Lower	Upper	
228	100		
226	28.3	25.6	38.4
229	21.0	16.6	25.0

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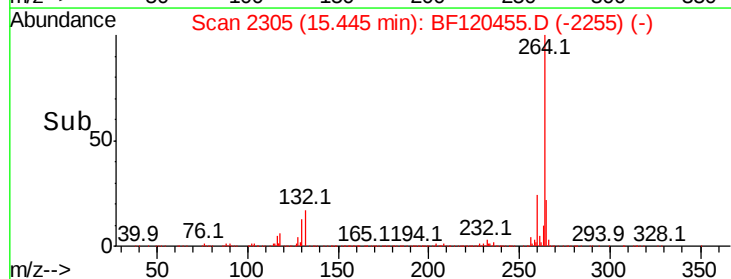
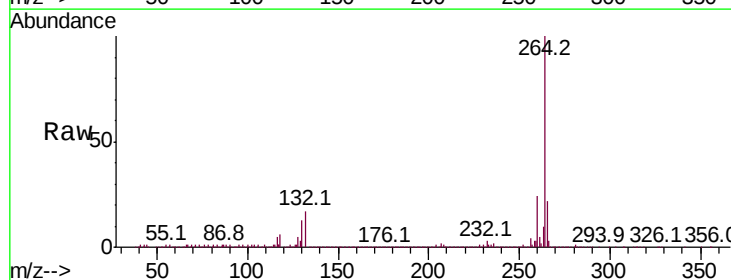
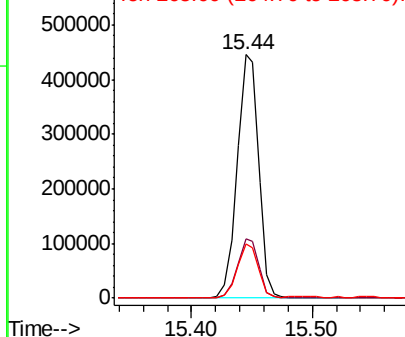
Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

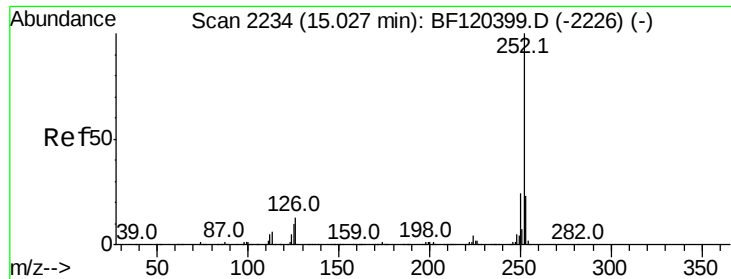


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BF120455.D
 Acq: 29 May 2020 22:34

Tgt Ion:	264	Resp:	549737
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.2	28.8
265	22.0	16.9	25.3

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





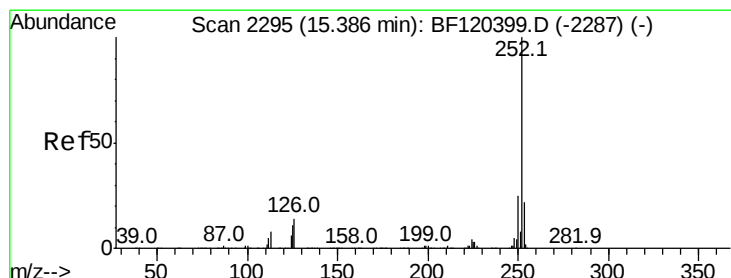
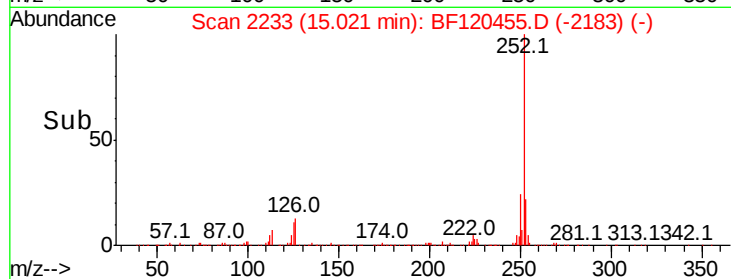
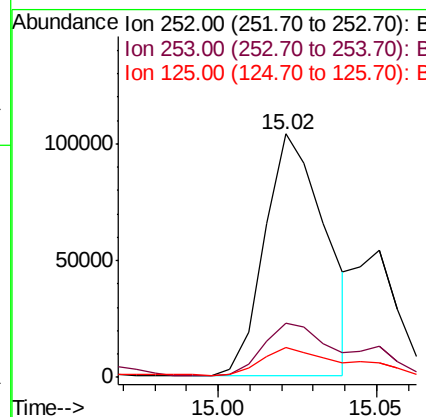
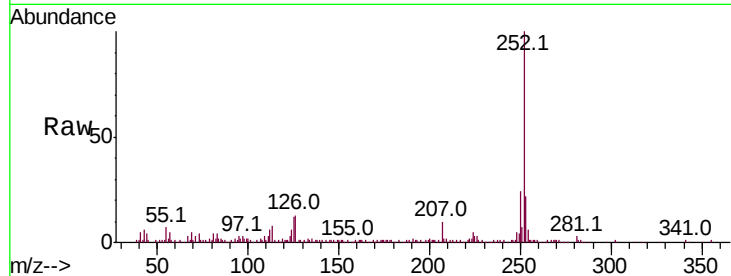
#88
Benzo(b)fluoranthene
Concen: 4.537 ng m
RT: 15.02 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF120455.D
Acq: 29 May 2020 22:34

Instrument :
BNA_F
ClientSampleId :
NM26-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	12.4	7.8	11.8

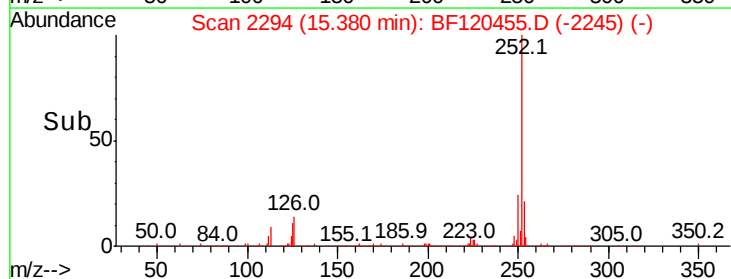
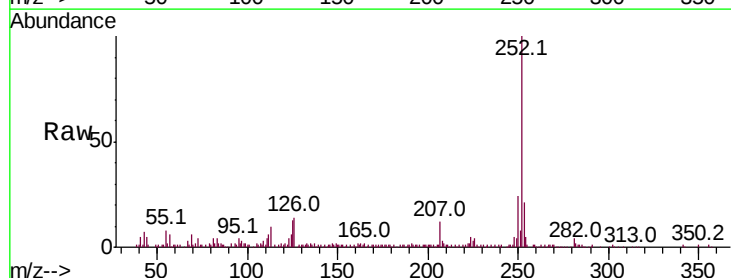
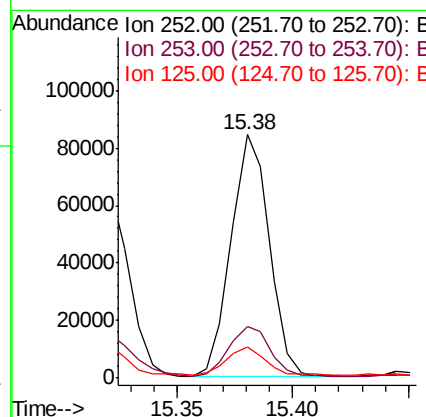
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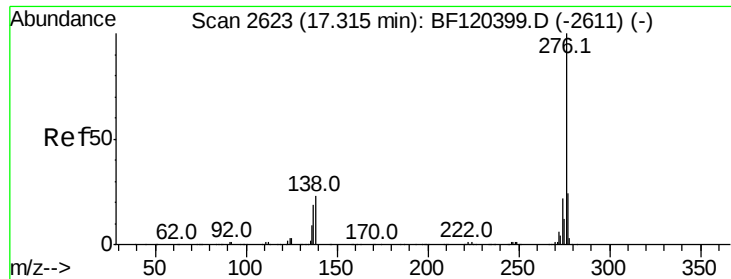
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#90
Benzo(a)pyrene
Concen: 3.658 ng
RT: 15.38 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BF120455.D
Acq: 29 May 2020 22:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	12.9	8.7	13.1





#92
 Benzo(a,h,i)perylene
 Concen: 2.255 ng
 RT: 17.31 min Scan# 2622
 Delta R.T. -0.02 min
 Lab File: BF120455.D
 Acq: 29 May 2020 22:34

Instrument :
 BNA_F
 ClientSampleId :
 NM26-COMP-2020-0-6

Tot Ion:	276	Resp:	54527
Ion Ratio	Lower	Upper	
276	100		
277	23.2	19.5	29.3
138	20.8	18.1	27.1

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