

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
 Data File : BF120466.D
 Acq On : 1 Jun 2020 13:04
 Operator : JU/CG
 Sample : L2792-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM32-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 01 13:48:43 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	242982	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	863465	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	397111	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	638262	20.00	ng	0.00
76) Chrysene-d12	14.00	240	494543	20.00	ng	0.00
86) Perylene-d12	15.45	264	565234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1267266	99.39	ng	0.00
7) Phenol-d6	6.47	99	1613283	102.66	ng	0.00
23) Nitrobenzene-d5	7.40	82	1052410	79.73	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	385989	104.91	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1854295	79.23	ng	0.00
79) Terphenyl-d14	12.94	244	1622308	73.00	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.59	163	249034	10.03	ng	99
71) Phenanthrene	11.38	178	188796	6.71	ng	97
75) Fluoranthene	12.57	202	406817	13.44	ng	97
78) Pyrene	12.80	202	384189	11.17	ng	98
81) Benzo(a)anthracene	13.99	228	219530	8.28	ng	97
83) Chrysene	14.02	228	211105	7.60	ng	97
87) Indeno(1,2,3-cd)pyrene	16.89	276	152969m	4.95	ng	
88) Benzo(b)fluoranthene	15.03	252	326003m	10.38	ng	
89) Benzo(k)fluoranthene	15.05	252	96763m	3.30	ng	
90) Benzo(a)pyrene	15.39	252	234209	8.53	ng	99
92) Benzo(g,h,i)perylene	17.32	276	137652	5.54	ng	96

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

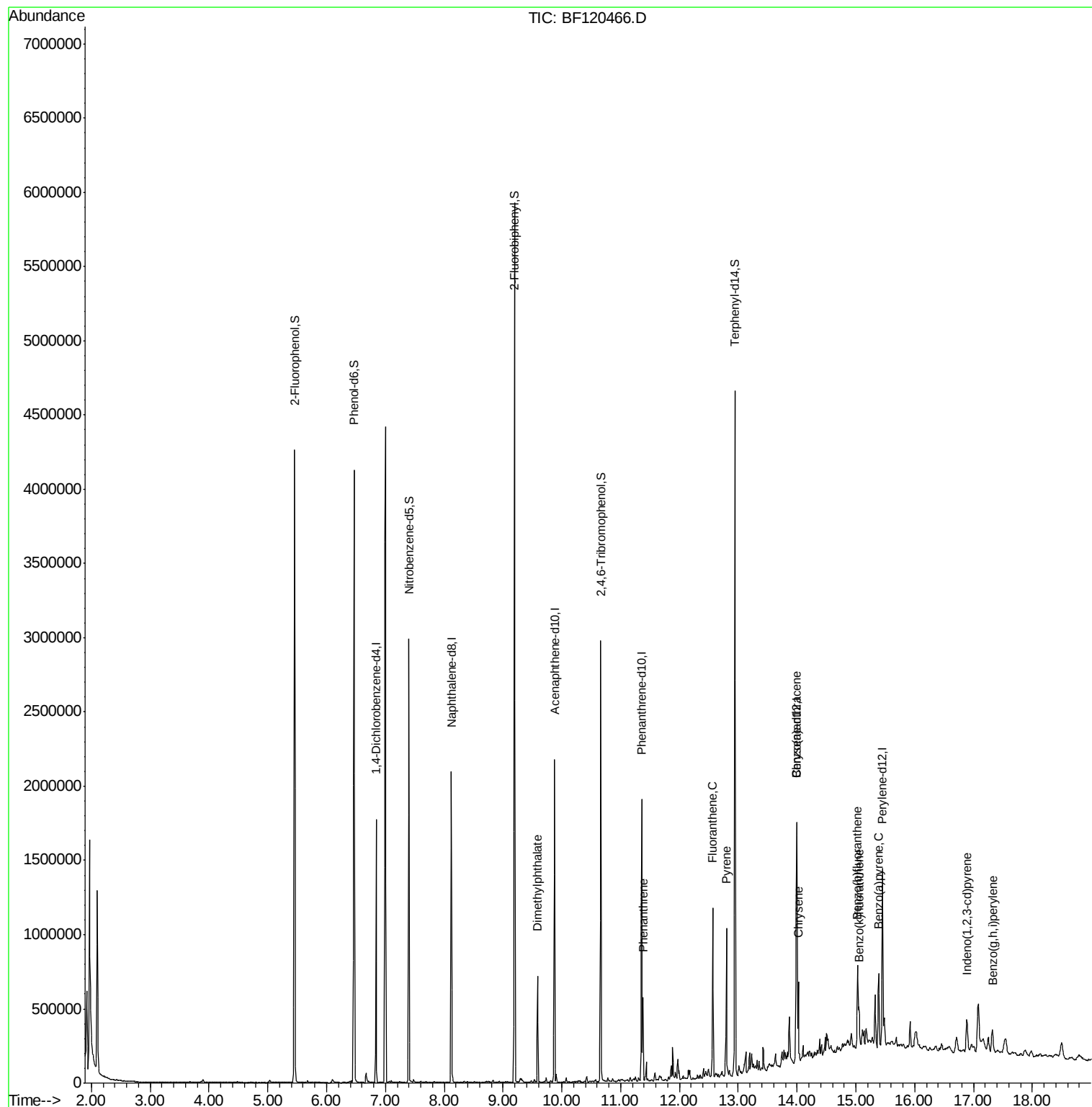
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120466.D
Acq On : 1 Jun 2020 13:04
Operator : JU/CG
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Misc :
ALS Vial : 7 Sample Multiplier: 1

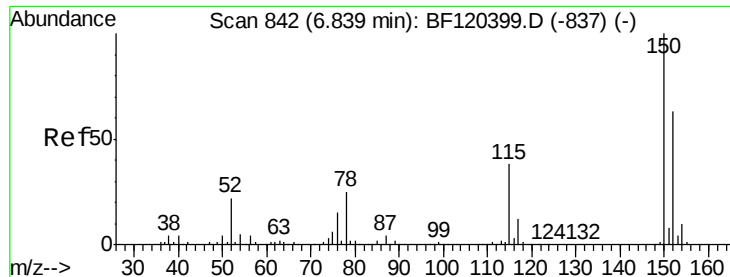
Instrument :
BNA_F
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Quant Time: Jun 01 13:48:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 12:39:43 2020
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#1

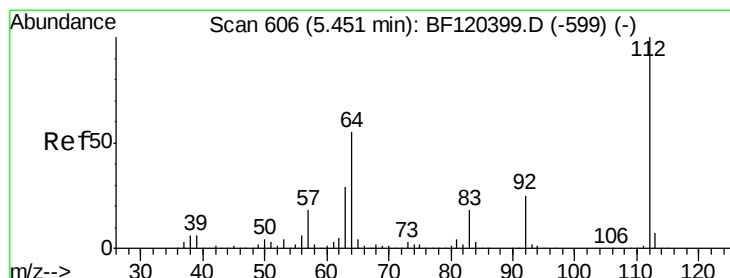
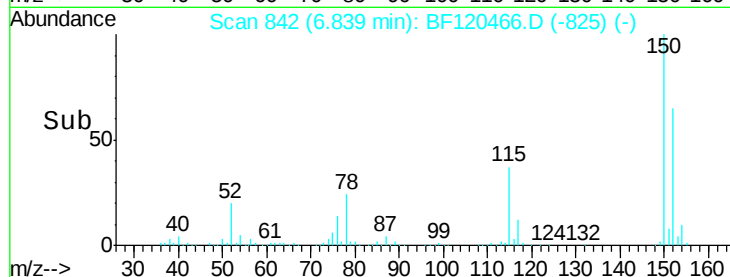
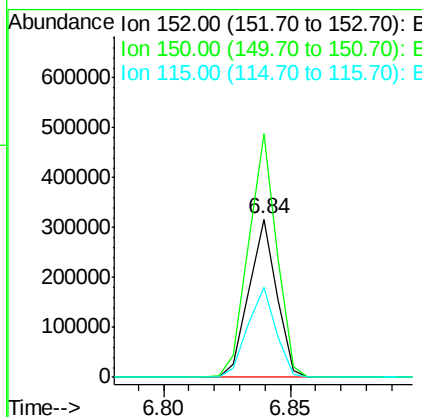
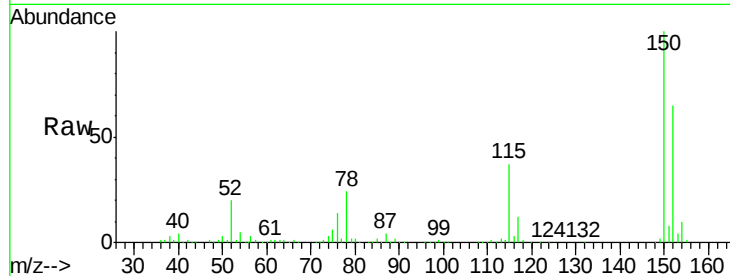
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF120466.D
Acq: 1 Jun 2020 13:04

Instrument :
BNA_F
ClientSampleId :
NM32-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.5	189.7
115	57.0	47.6	71.4

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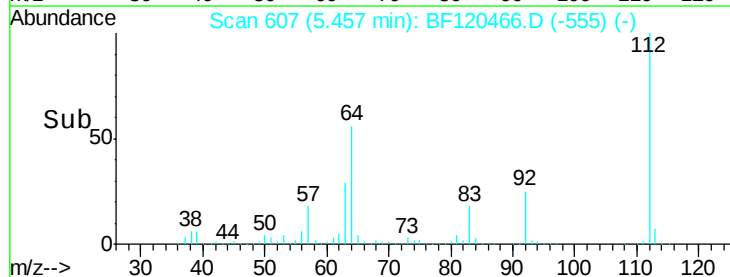
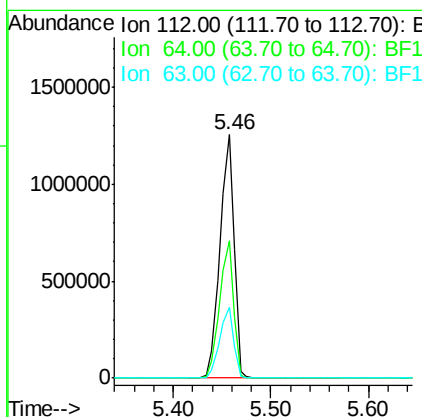
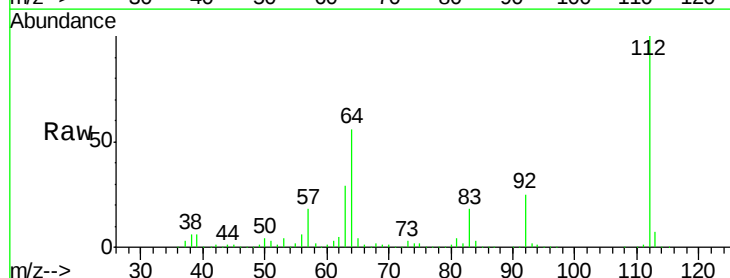
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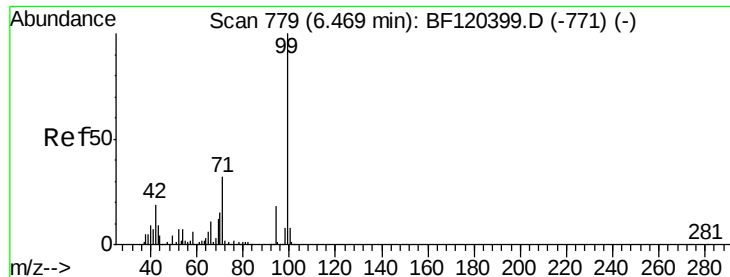


#5

2-Fluorophenol
Concen: 99.39 ng
RT: 5.46 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF120466.D
Acq: 1 Jun 2020 13:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	44.3	66.5
63	29.3	22.9	34.3





#7

Phenol-d6

Concen: 102.66 ng

RT: 6.47 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF120466.D

Acq: 1 Jun 2020 13:04

Instrument :

BNA_F

ClientSampleId :

NM32-COMP-2020-0-6

Tgt Ion: 99 Resp: 1613283

Ion Ratio Lower Upper

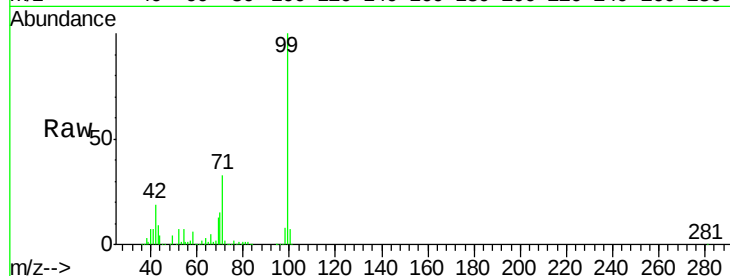
99 100

42 19.2 15.2 22.8

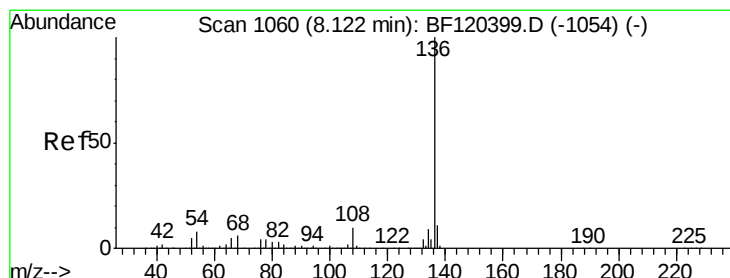
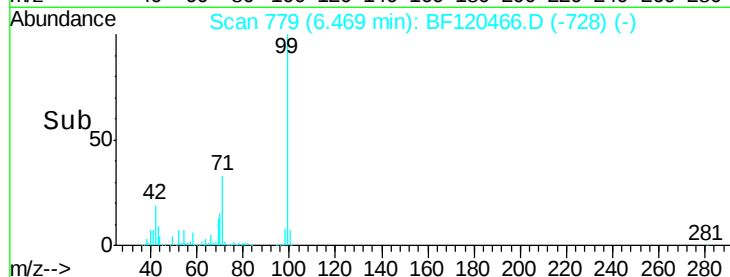
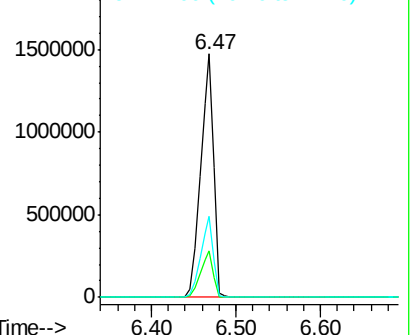
71 33.1 25.6 38.4

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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: 20.00 ng

RT: 8.12 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BF120466.D

Acq: 1 Jun 2020 13:04

Tgt Ion: 136 Resp: 863465

Ion Ratio Lower Upper

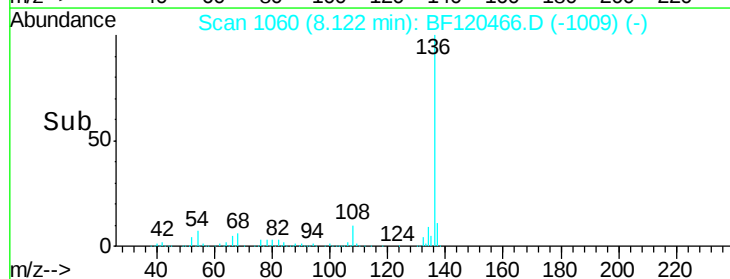
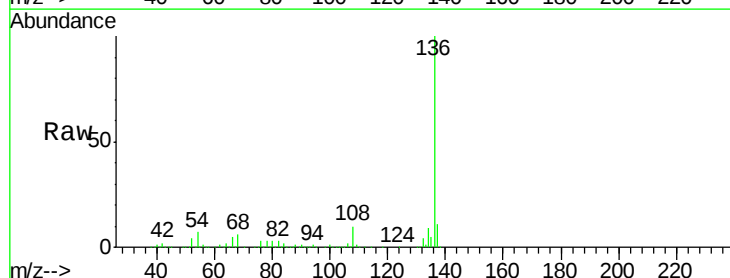
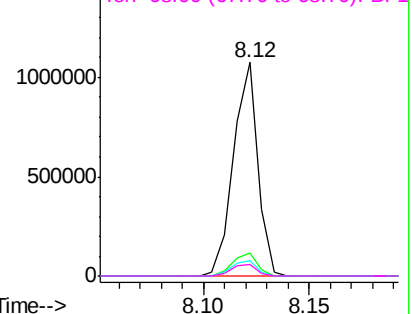
136 100

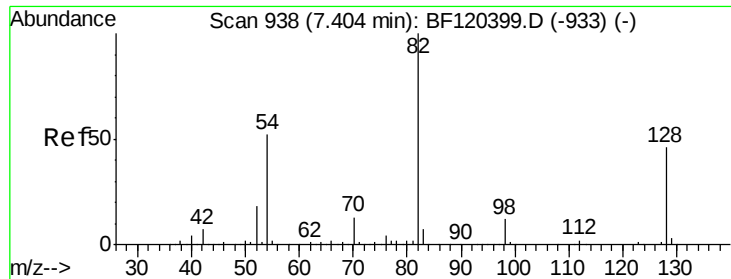
137 10.9 9.1 13.7

54 7.3 6.7 10.1

68 5.5 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





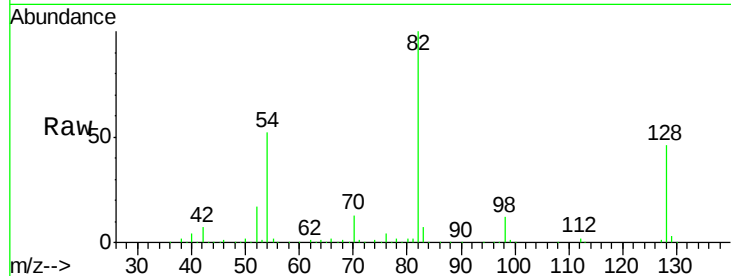
#23
 Nitrobenzene-d5
 Concen: 79.73 ng
 RT: 7.40 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF120466.D
 Acq: 1 Jun 2020 13:04

Instrument :
 BNA_F
 ClientSampleId :
 NM32-COMP-2020-0-6

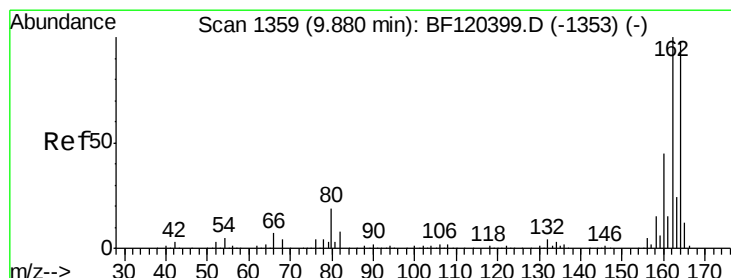
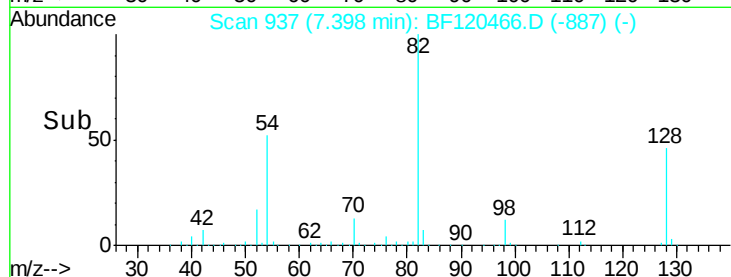
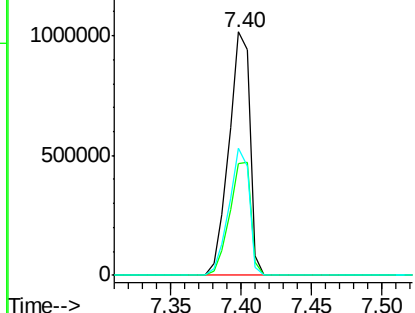
Tgt Ion: 82 Resp: 1052410
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.8 55.2
 54 52.0 41.6 62.4

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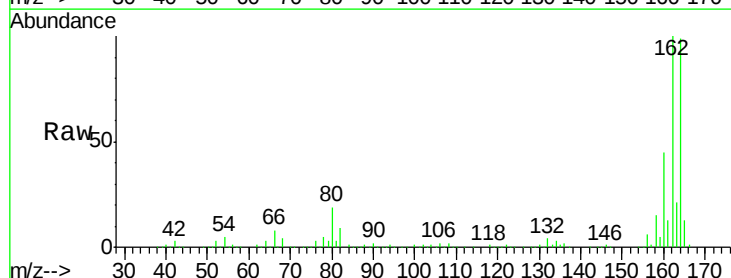


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

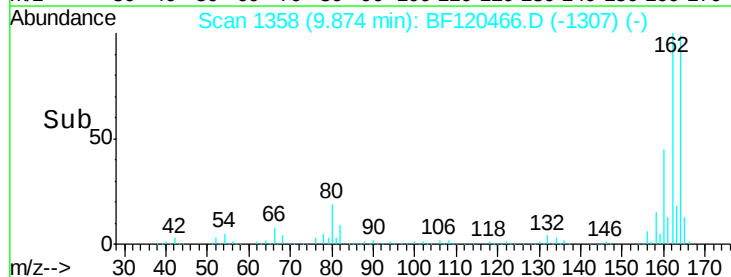
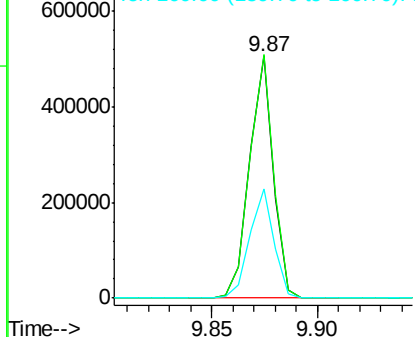


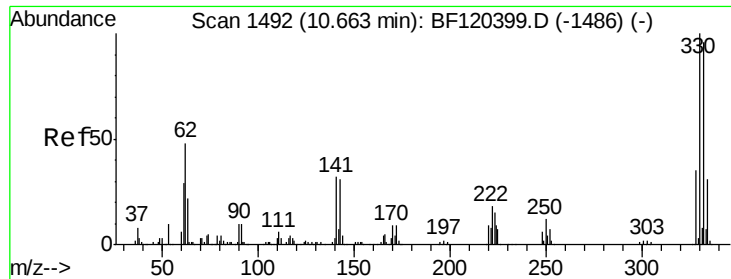
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. -0.00 min
 Lab File: BF120466.D
 Acq: 1 Jun 2020 13:04

Tgt Ion: 164 Resp: 397111
 Ion Ratio Lower Upper
 164 100
 162 100.5 81.3 121.9
 160 45.2 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 104.91 ng

RT: 10.66 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BF120466.D

Acq: 1 Jun 2020 13:04

Instrument :

BNA_F

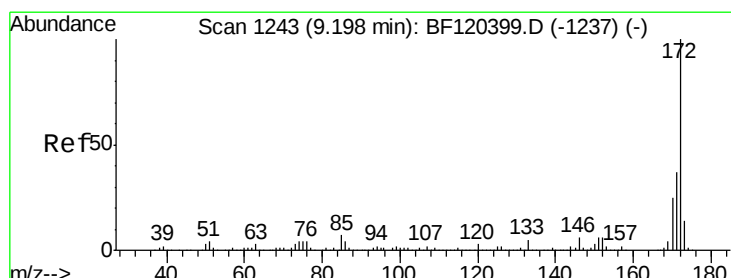
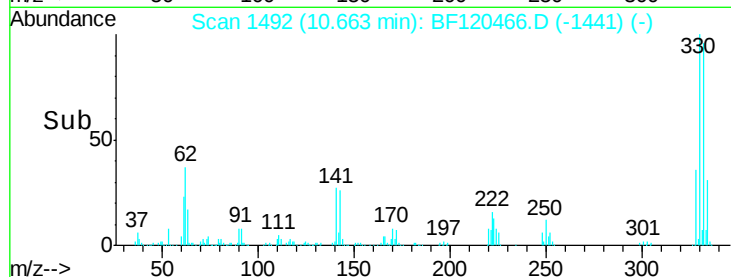
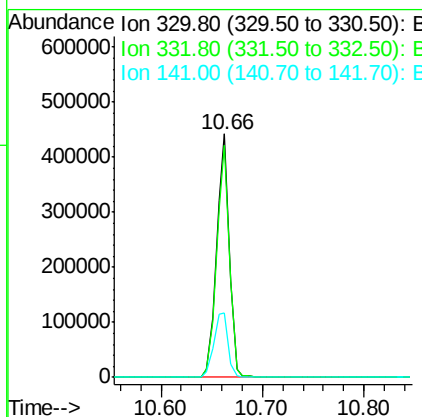
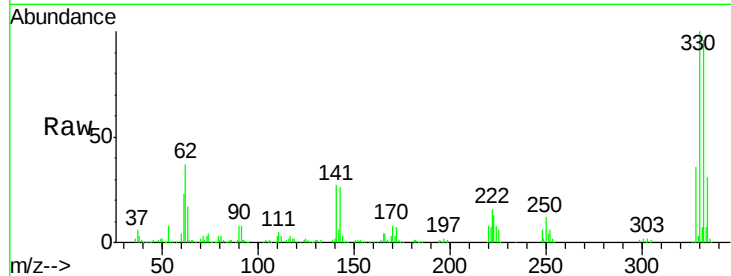
ClientSampleId :

NM32-COMP-2020-0-6

Tgt Ion:	330	Resp:	385989
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.0	115.6
141	30.0	25.3	37.9

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#45

2-Fluorobiphenyl

Concen: 79.23 ng

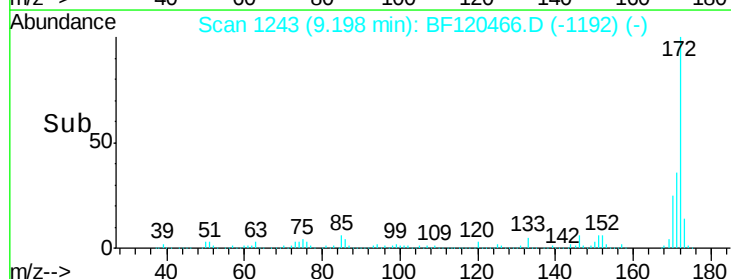
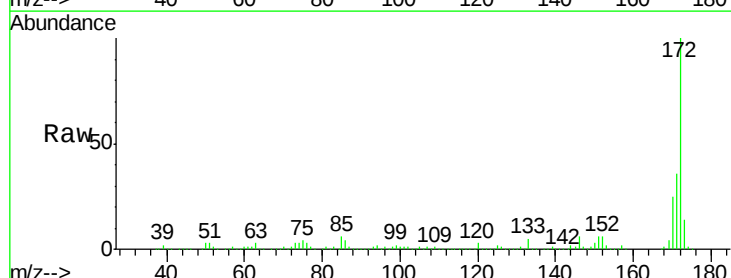
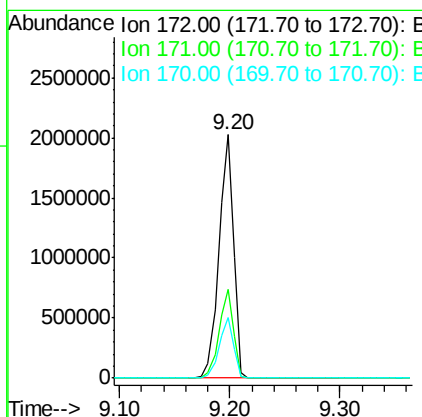
RT: 9.20 min Scan# 1243

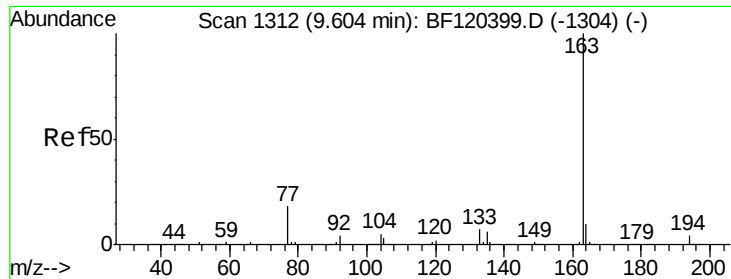
Delta R.T. -0.00 min

Lab File: BF120466.D

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Tgt Ion:	172	Resp:	1854295
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.7	44.5
170	24.7	19.9	29.9





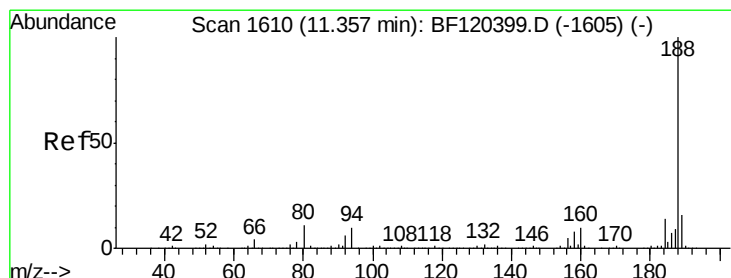
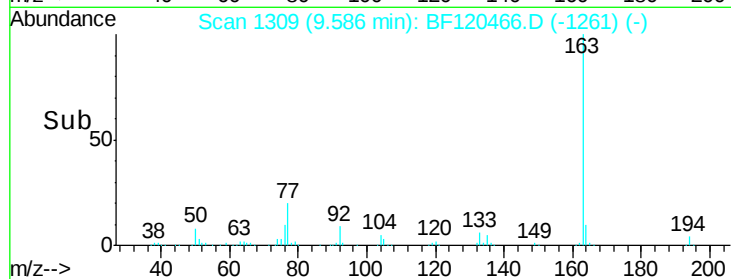
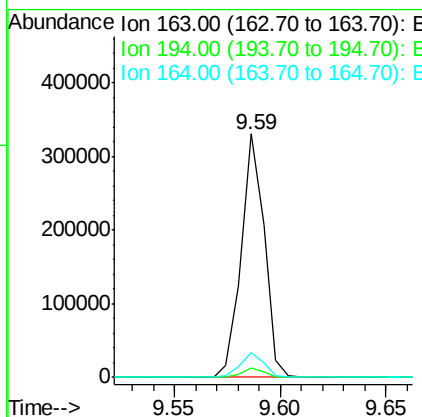
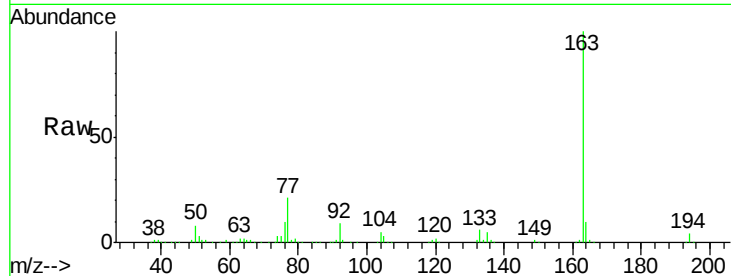
#50
Dimethylphthalate
Concen: 10.03 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120466.D
Acq: 1 Jun 2020 13:04

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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	249034		
194	3.7		3.3	4.9
164	10.0		8.3	12.5

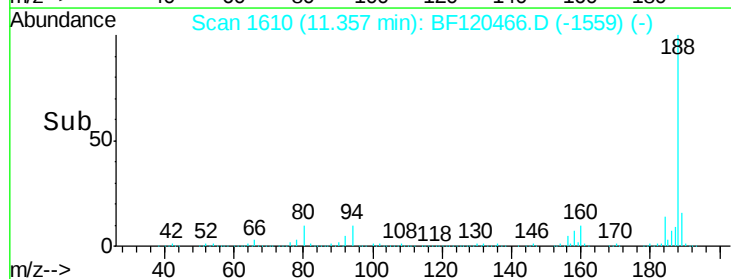
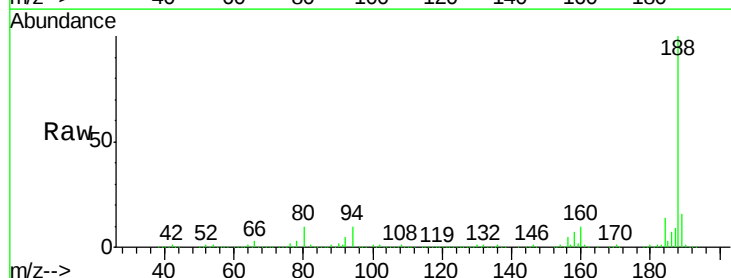
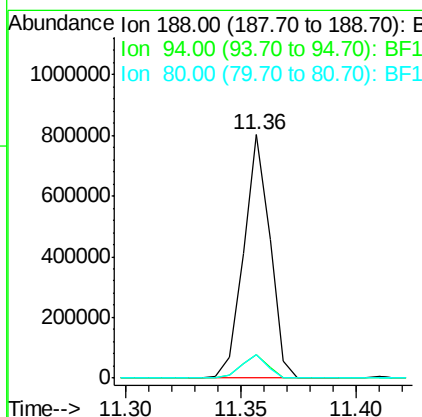
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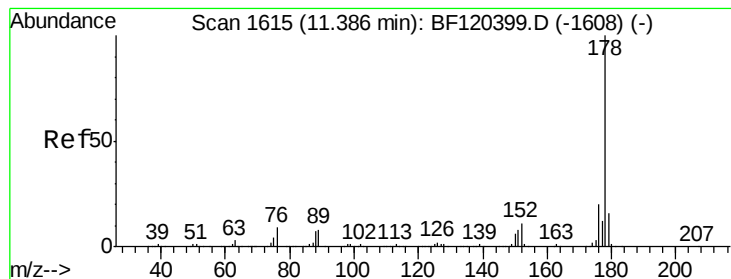
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF120466.D
Acq: 1 Jun 2020 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	638262		
94	9.7		7.9	11.9
80	9.5		8.6	13.0





#71

Phenanthrene

Concen: 6.71 ng

RT: 11.38 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BF120466.D

Acq: 1 Jun 2020 13:04

Instrument :

BNA_F

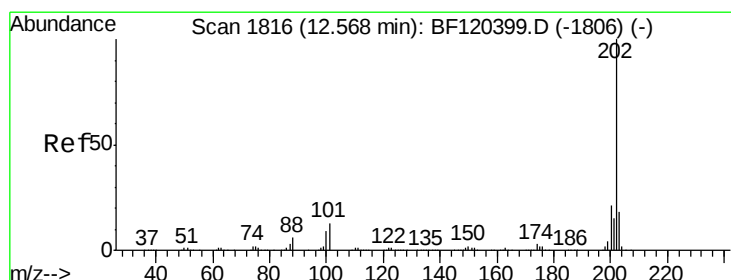
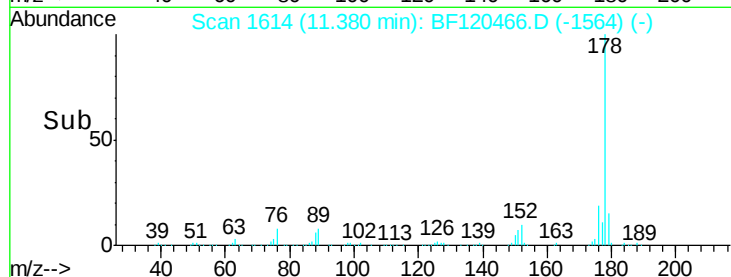
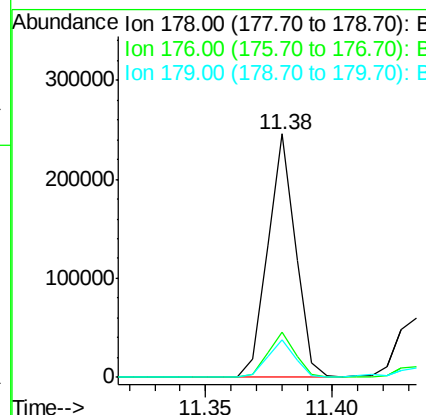
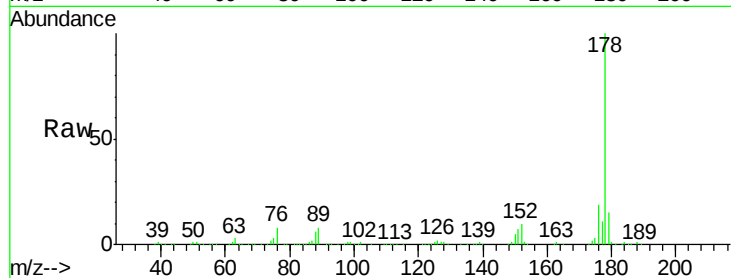
ClientSampleId :

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Tgt Ion:	178	Resp:	188796
Ion Ratio	Lower	Upper	
178	100		
176	18.5	16.4	24.6
179	15.5	13.0	19.4

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#75

Fluoranthene

Concen: 13.44 ng

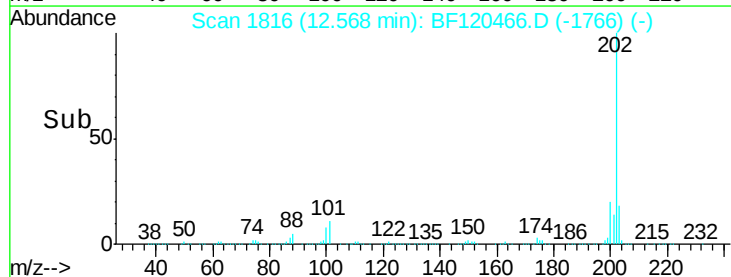
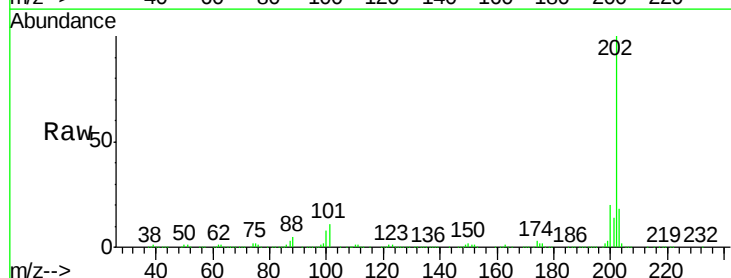
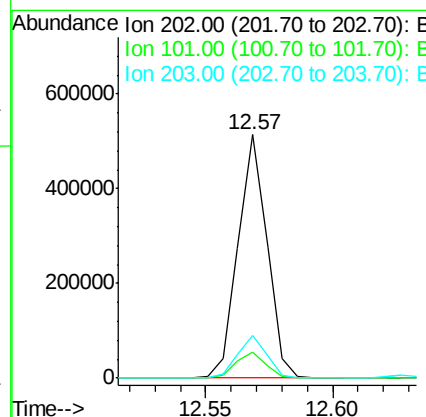
RT: 12.57 min Scan# 1816

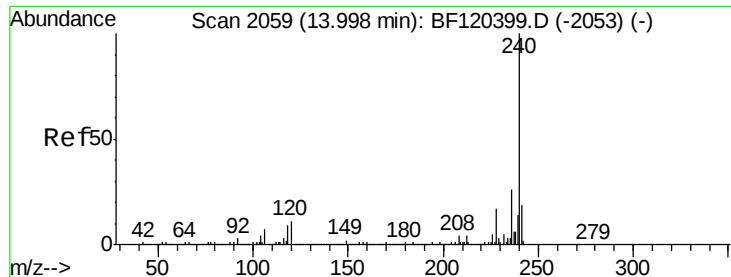
Delta R.T. -0.01 min

Lab File: BF120466.D

Acq: 1 Jun 2020 13:04

Tgt Ion:	202	Resp:	406817
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	32.6
203	17.6	0.0	38.4





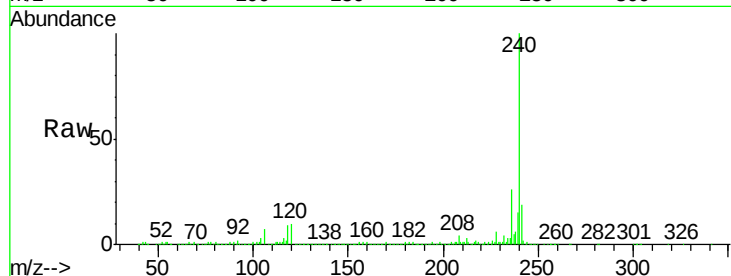
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.00 min
Lab File: BF120466.D
Acq: 1 Jun 2020 13:04

Instrument :
BNA_F
ClientSampleId :
NM32-COMP-2020-0-6

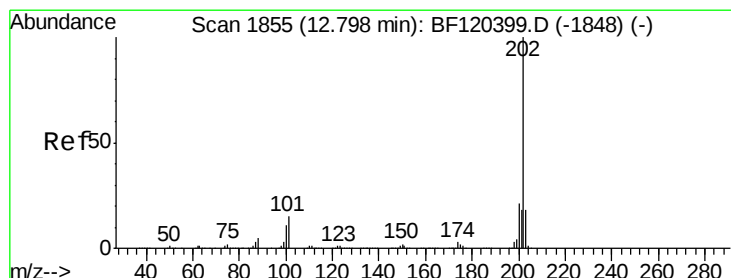
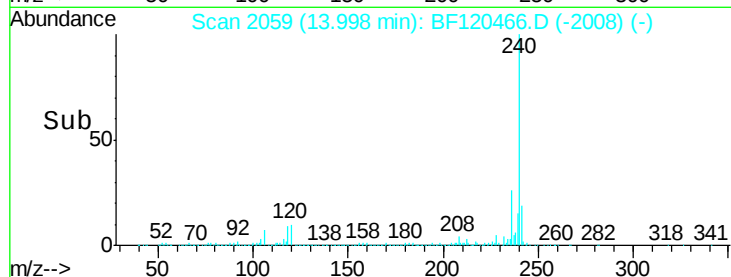
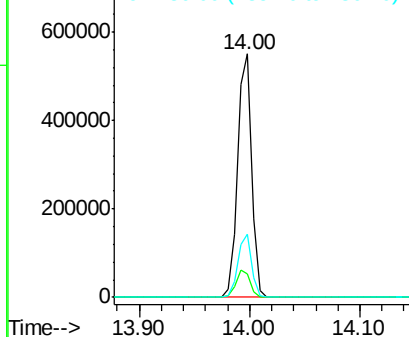
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	494543		
120	9.8	8.8	13.2	
236	25.9	21.0	31.4	

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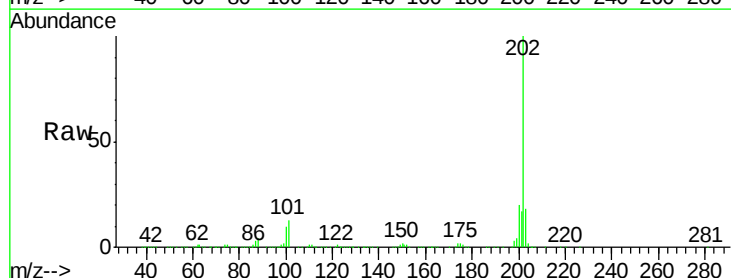


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

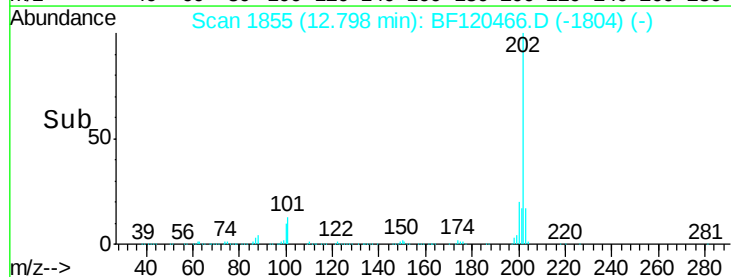
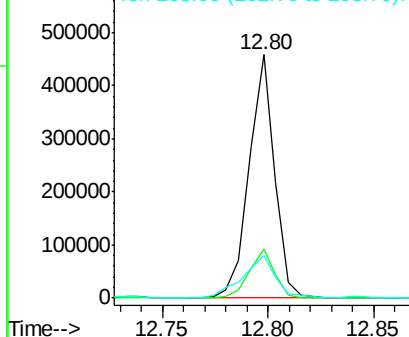


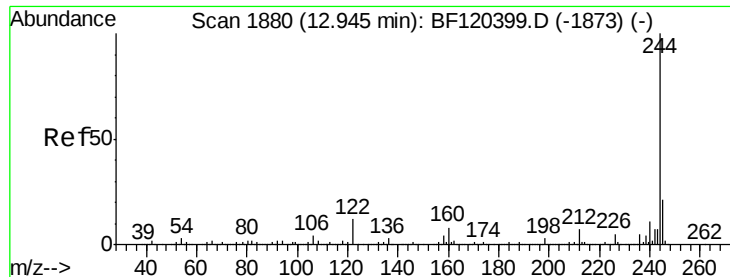
#78
Pyrene
Concen: 11.17 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF120466.D
Acq: 1 Jun 2020 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	384189		
200	20.2	17.0	25.4	
203	17.7	14.7	22.1	



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





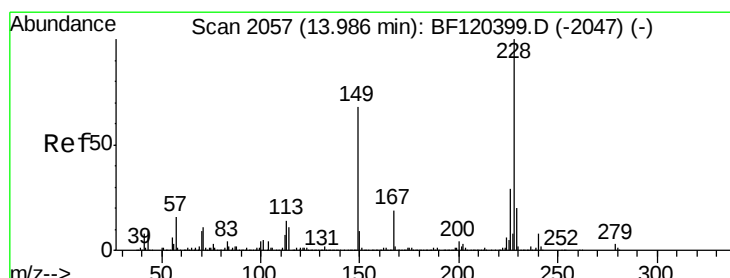
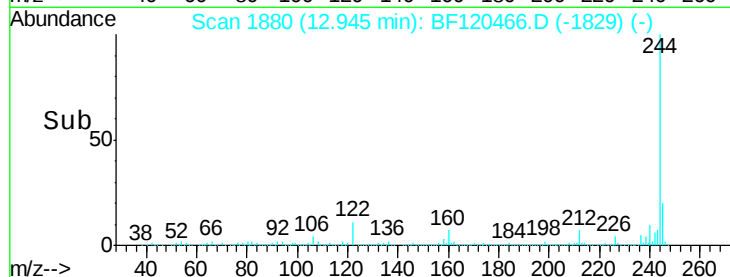
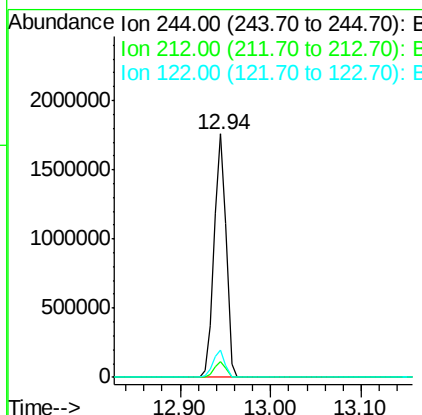
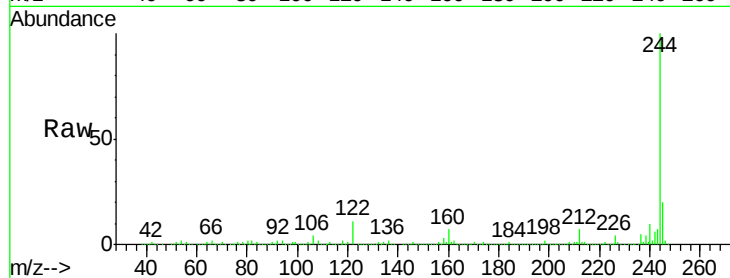
#79
 Terphenyl-d14
 Concen: 73.00 ng
 RT: 12.94 min Scan# 1880
 Delta R.T. -0.00 min
 Lab File: BF120466.D
 Acq: 1 Jun 2020 13:04

Instrument :
 BNA_F
 ClientSampleId :
 NM32-COMP-2020-0-6

Tgt Ion:244 Resp: 1622308
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 11.1 9.2 13.8

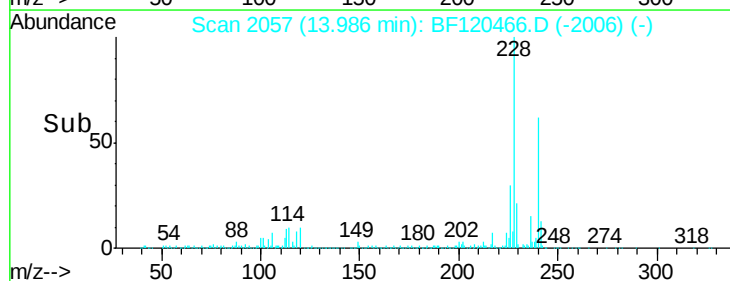
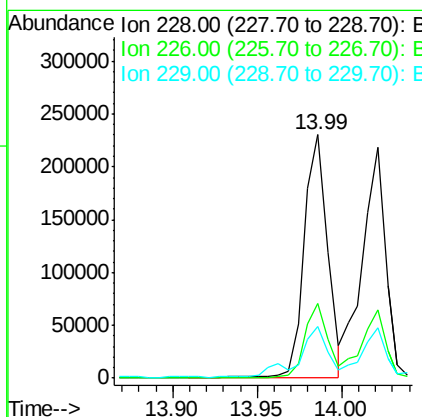
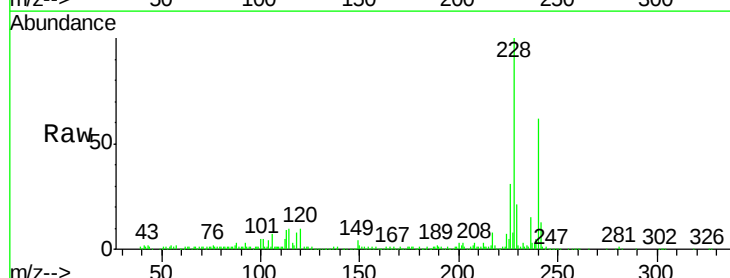
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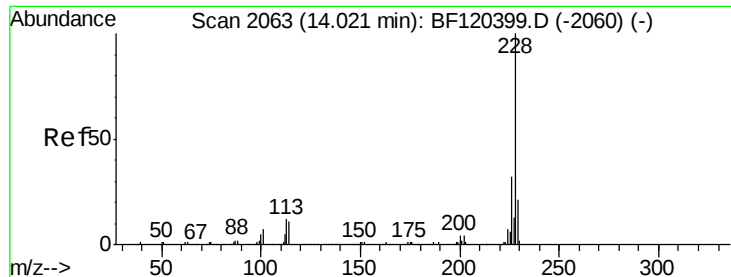
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#81
 Benzo(a)anthracene
 Concen: 8.28 ng
 RT: 13.99 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BF120466.D
 Acq: 1 Jun 2020 13:04

Tgt Ion:228 Resp: 219530
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.0 34.4
 229 21.0 16.2 24.4





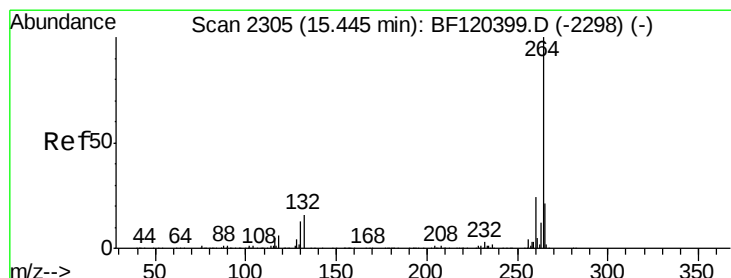
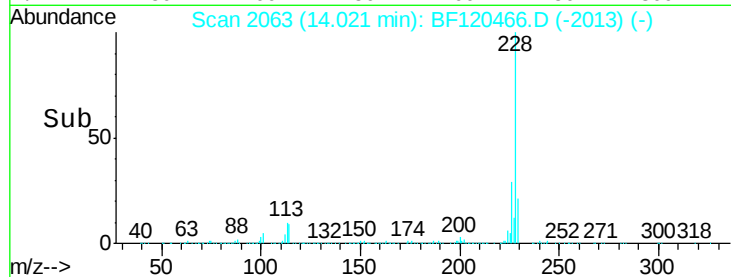
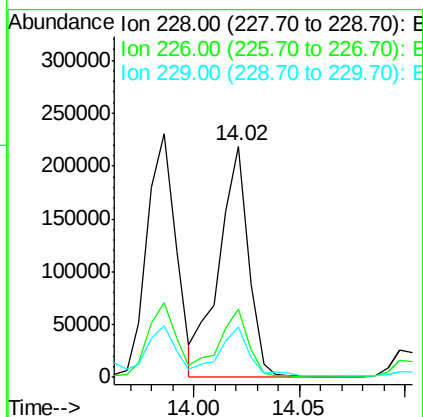
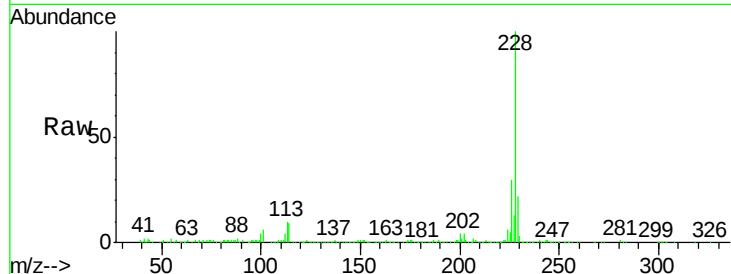
#83
Chrysene
Concen: 7.60 ng
RT: 14.02 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BF120466.D
Acq: 1 Jun 2020 13:04

Instrument :
BNA_F
ClientSampleId :
NM32-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	211105		
226	29.7	25.6	38.4	
229	21.8	16.6	25.0	

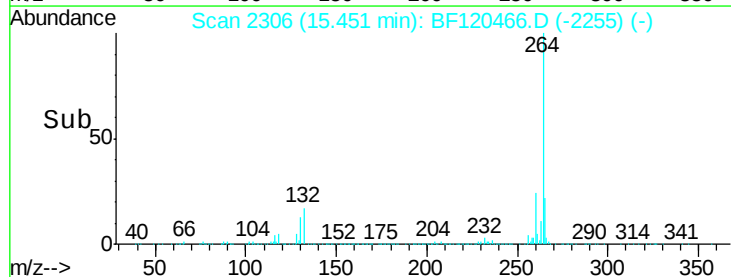
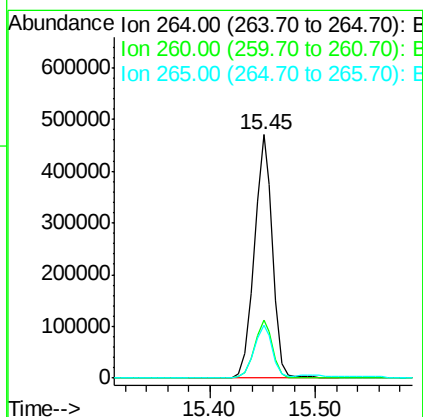
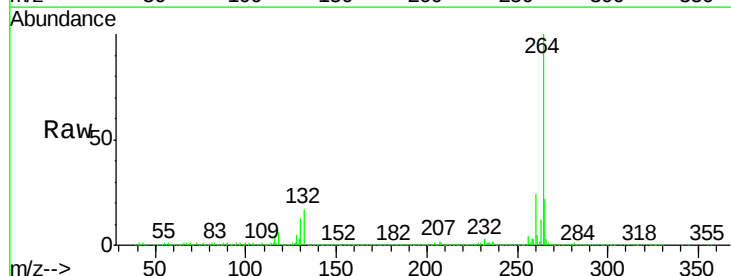
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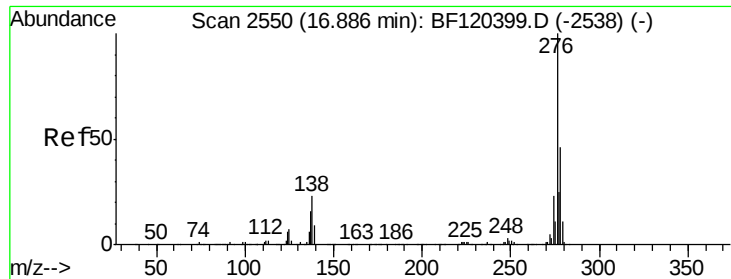
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BF120466.D
Acq: 1 Jun 2020 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	565234		
260	24.0	19.2	28.8	
265	21.9	16.9	25.3	





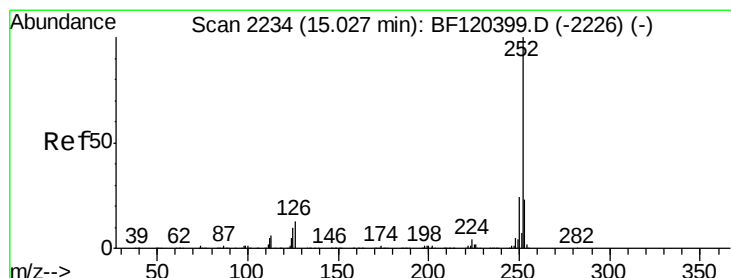
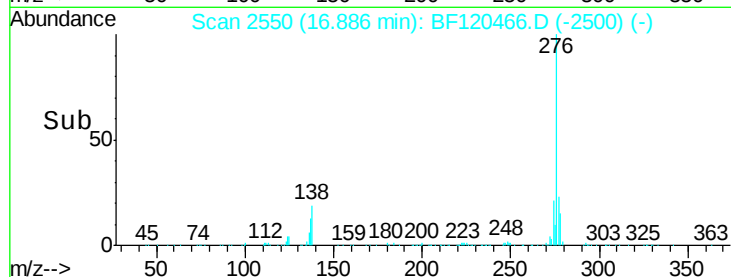
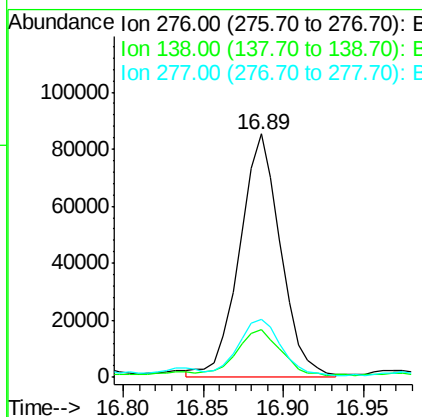
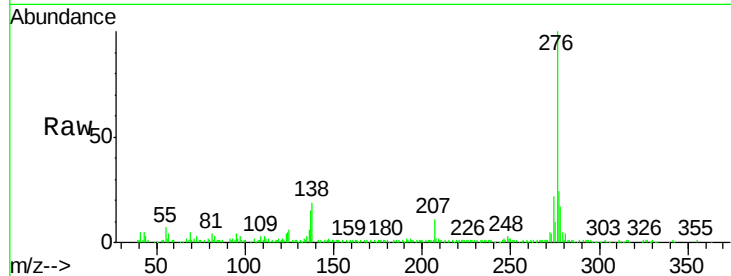
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.95 ng m
 RT: 16.89 min Scan# 2550
 Delta R.T. -0.01 min
 Lab File: BF120466.D
 Acq: 1 Jun 2020 13:04

Instrument :
 BNA_F
 ClientSampleId :
 NM32-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
276	100		
138	4.5	20.4	30.6#
277	4.8	20.4	30.6#

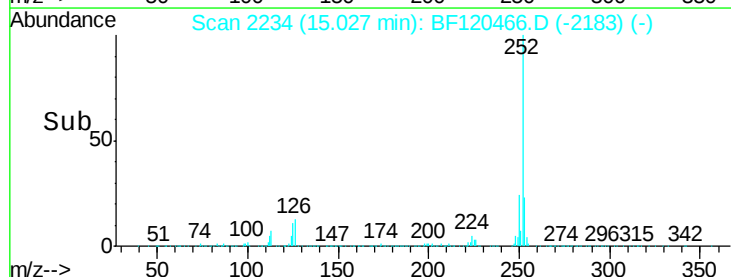
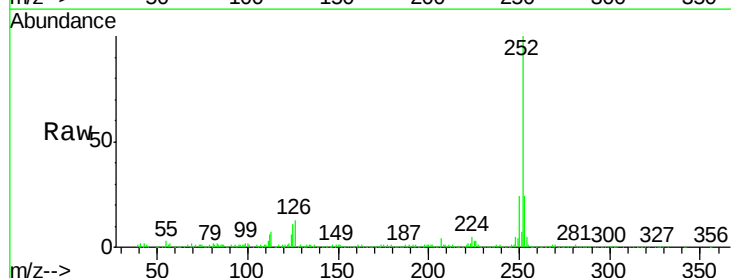
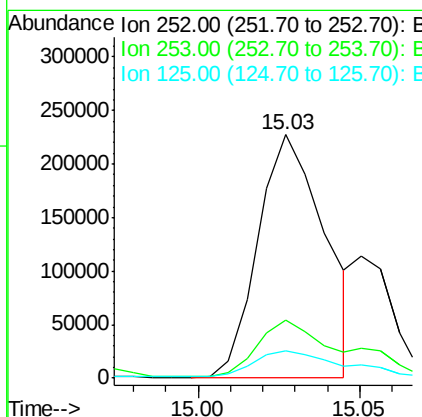
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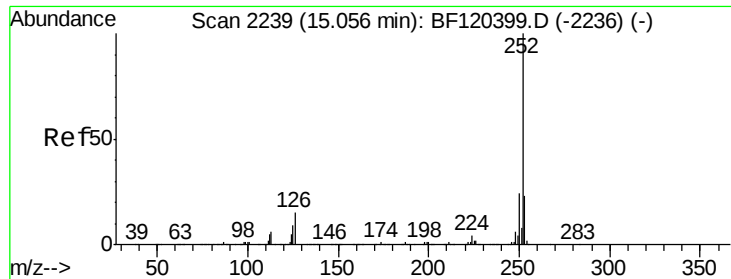
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#88
 Benzo(b)fluoranthene
 Concen: 10.38 ng m
 RT: 15.03 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF120466.D
 Acq: 1 Jun 2020 13:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	11.2	7.8	11.8





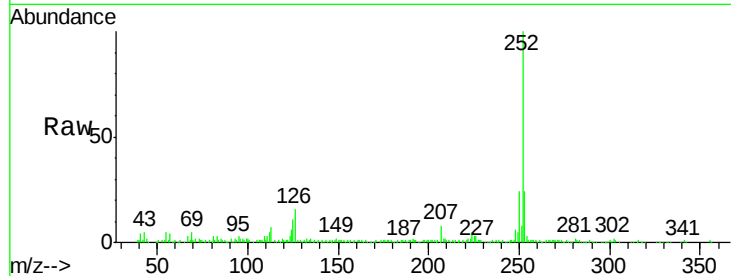
#89
Benzo(k)fluoranthene
Concen: 3.30 ng m
RT: 15.05 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF120466.D
Acq: 1 Jun 2020 13:04

Instrument :
BNA_F
ClientSampleId :
NM32-COMP-2020-0-6

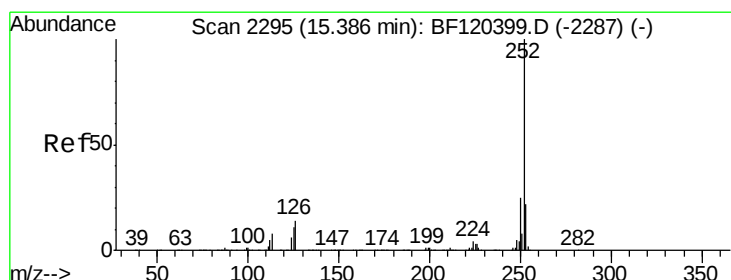
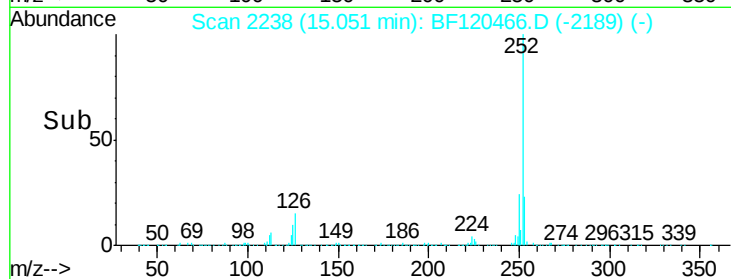
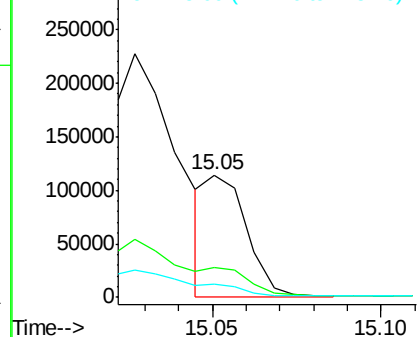
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.5	27.7
125	10.8	8.0	12.0

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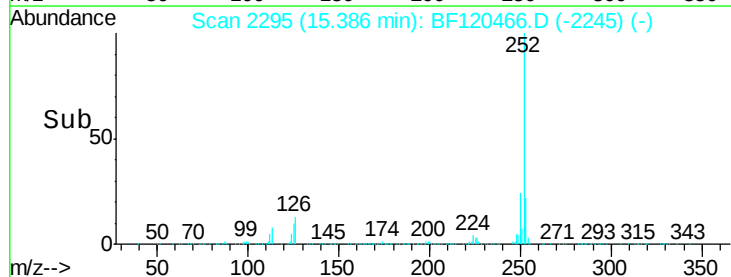
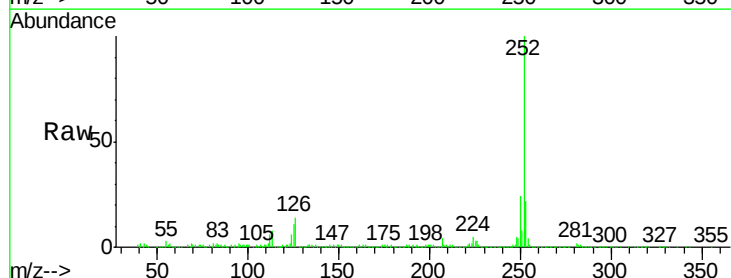
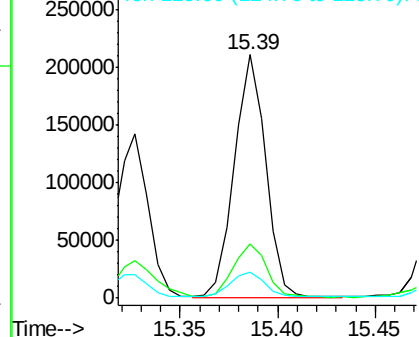
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

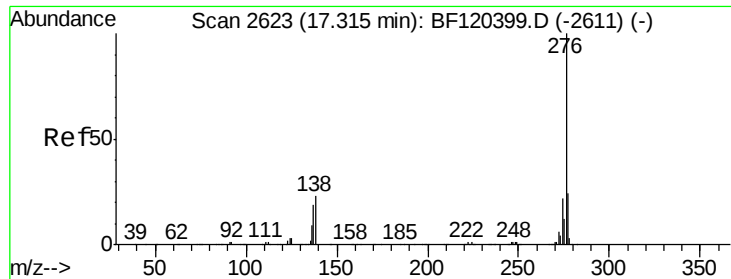


#90
Benzo(a)pyrene
Concen: 8.53 ng
RT: 15.39 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF120466.D
Acq: 1 Jun 2020 13:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	10.6	8.7	13.1

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#92
 Benzo(g,h,i)perylene
 Concen: 5.54 ng
 RT: 17.32 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BF120466.D
 Acq: 1 Jun 2020 13:04

Instrument :
 BNA_F
 ClientSampleId :
 NM32-COMP-2020-0-6

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	25.0	19.5	29.3
138	19.6	18.1	27.1

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