

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
 Data File : BF120446.D
 Acq On : 29 May 2020 18:28
 Operator : MA/SJ
 Sample : L2773-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM73-COMP-2020-0-6

Manual Integrations
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Quant Time: May 30 04:04:05 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	6.83	152	276086	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1022202	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	502062	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	822087	20.00	ng	0.00
76) Chrysene-d12	13.99	240	539720	20.00	ng	0.00
86) Perylene-d12	15.44	264	575237	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1087744	75.08	ng	0.00
7) Phenol-d6	6.46	99	1411978	79.07	ng	0.00
23) Nitrobenzene-d5	7.40	82	941958	60.28	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	380966	81.90	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1795414	60.68	ng	0.00
79) Terphenyl-d14	12.94	244	1534458	63.26	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	329747	10.506	ng	99
71) Phenanthrene	11.38	178	101753	2.809	ng	97
75) Fluoranthene	12.56	202	179074	4.594	ng	97
78) Pyrene	12.79	202	155837	4.152	ng	97
81) Benzo(a)anthracene	13.98	228	85033	2.940	ng	96
83) Chrysene	14.02	228	72658	2.396	ng	98
88) Benzo(b)fluoranthene	15.02	252	103743m	3.247	ng	
90) Benzo(a)pyrene	15.38	252	69437	2.485	ng	99

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

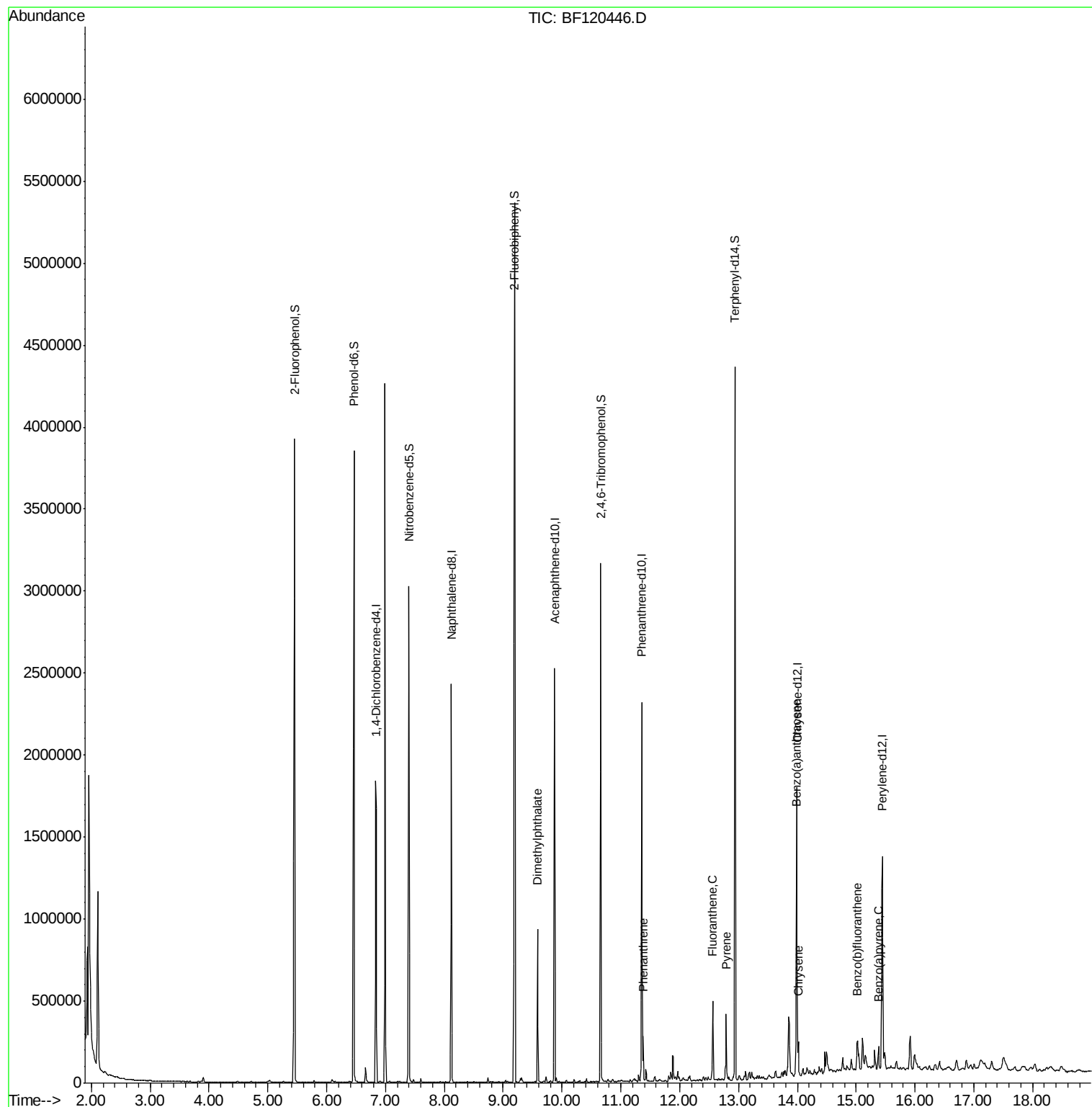
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120446.D
Acq On : 29 May 2020 18:28
Operator : MA/SJ
Sample : L2773-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

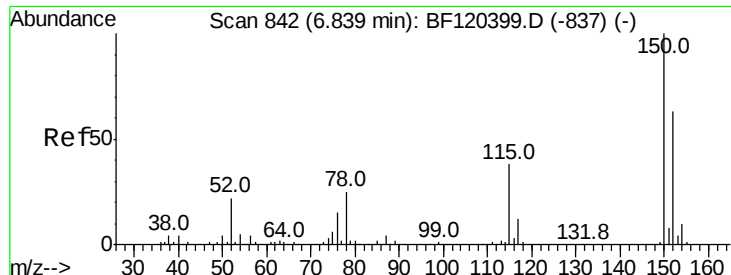
Instrument :
BNA_F
ClientSampleId :
NM73-COMP-2020-0-6

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Quant Time: May 30 04:04:05 2020
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

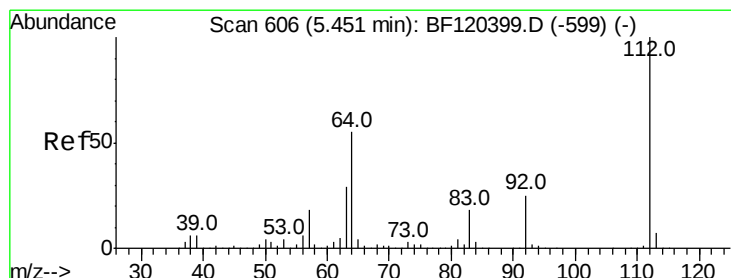
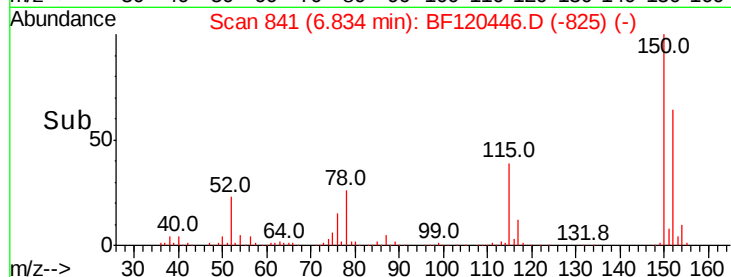
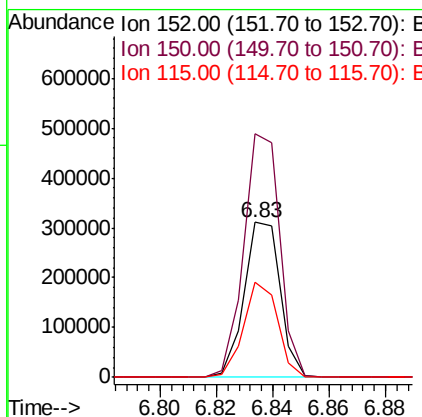
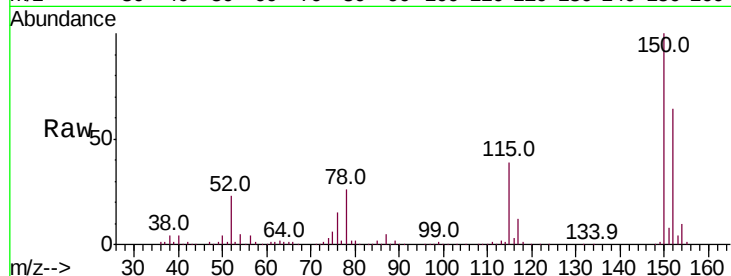
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF120446.D
Acq: 29 May 2020 18:28

Instrument :
BNA_F
ClientSampleId :
NM73-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.5	189.7
115	61.3	47.6	71.4

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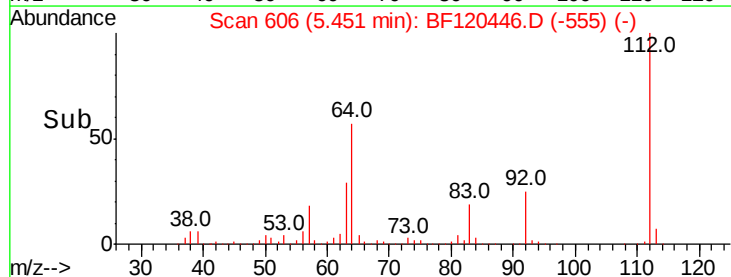
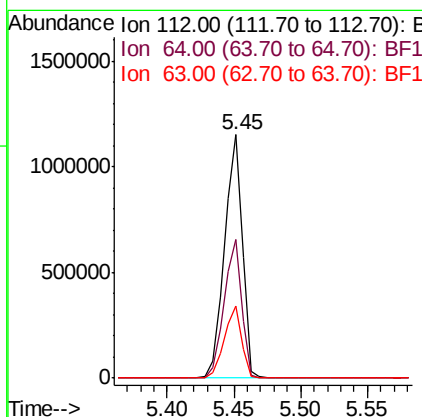
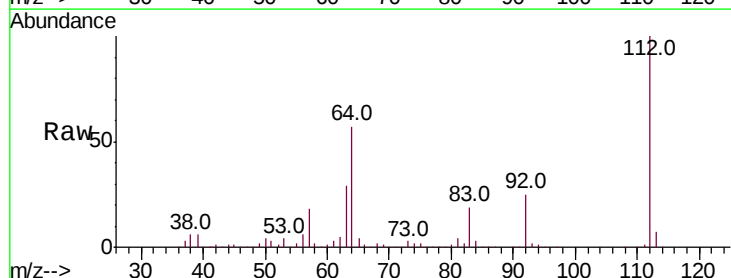
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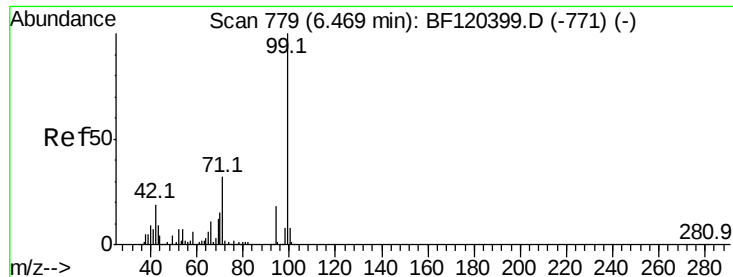


#5

2-Fluorophenol
Concen: 75.084 ng
RT: 5.45 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF120446.D
Acq: 29 May 2020 18:28

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: 79.075 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120446.D

Acq: 29 May 2020 18:28

Instrument :

BNA_F

ClientSampleId :

NM73-COMP-2020-0-6

Tot Ion: 99 Resp: 1411978

Ion Ratio Lower Upper

99 100

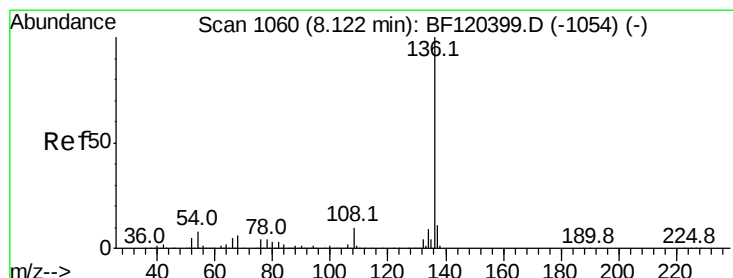
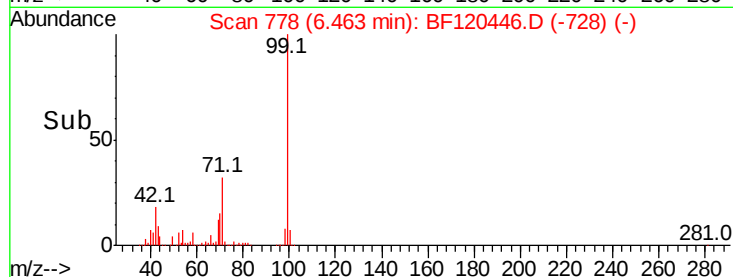
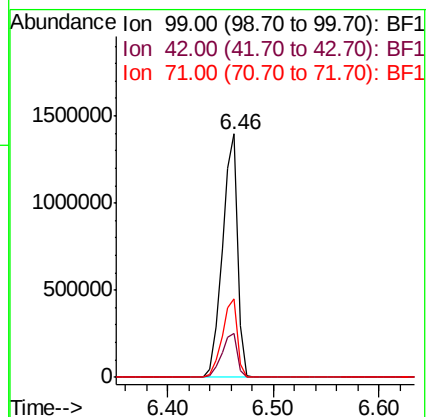
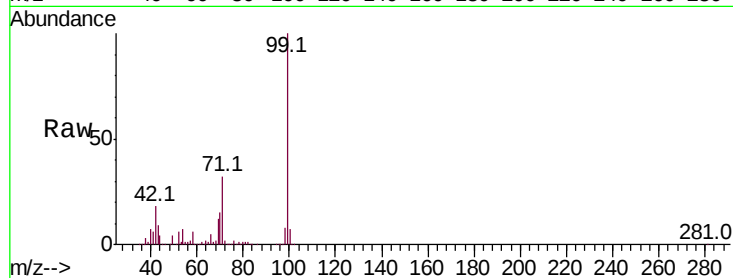
42 18.3 15.2 22.8

71 32.1 25.6 38.4

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF120446.D

Acq: 29 May 2020 18:28

Tgt Ion: 136 Resp: 1022202

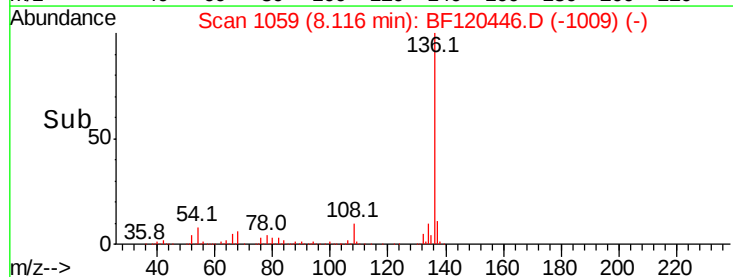
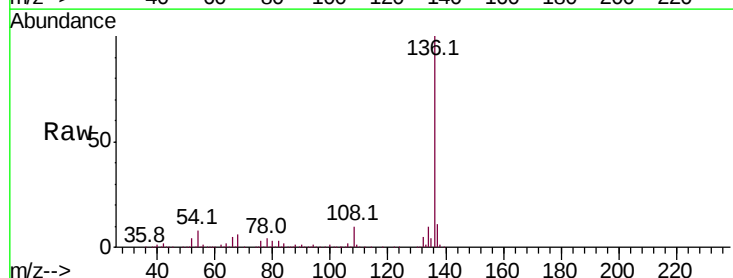
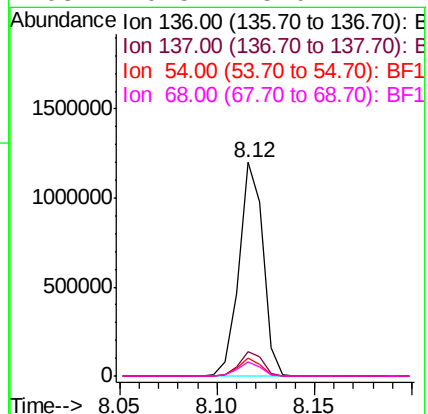
Ion Ratio Lower Upper

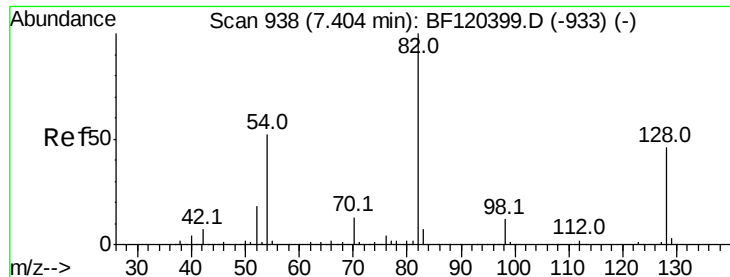
136 100

137 11.4 9.1 13.7

54 8.3 6.7 10.1

68 6.5 5.0 7.4





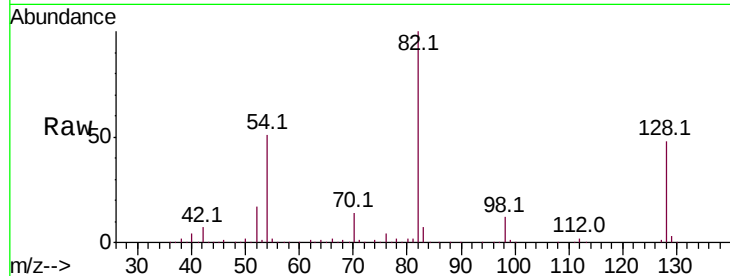
#23
 Nitrobenzene-d5
 Concen: 60.278 ng
 RT: 7.40 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF120446.D
 Acq: 29 May 2020 18:28

Instrument :
 BNA_F
 ClientSampleId :
 NM73-COMP-2020-0-6

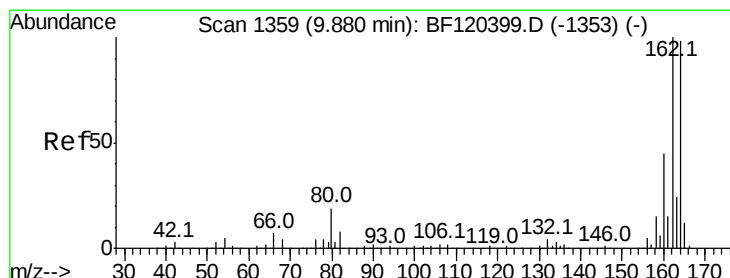
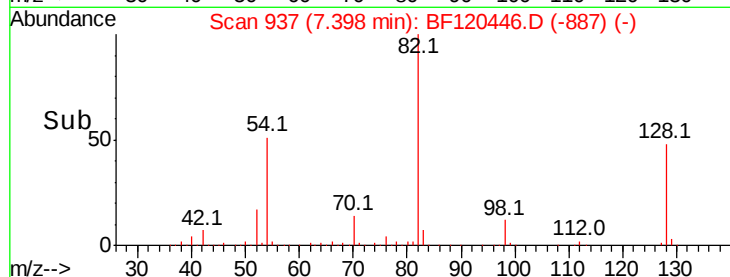
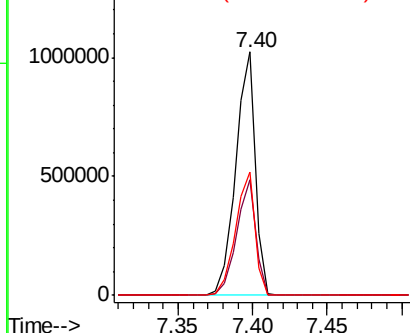
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.8	55.2
54	50.5	41.6	62.4

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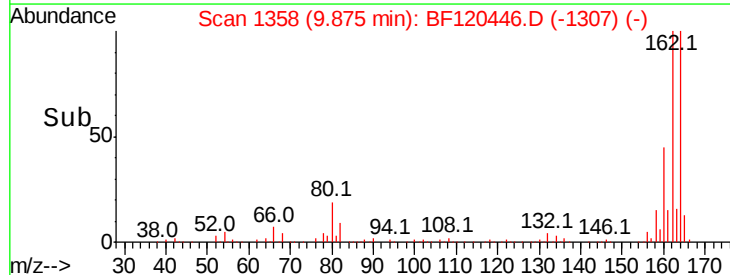
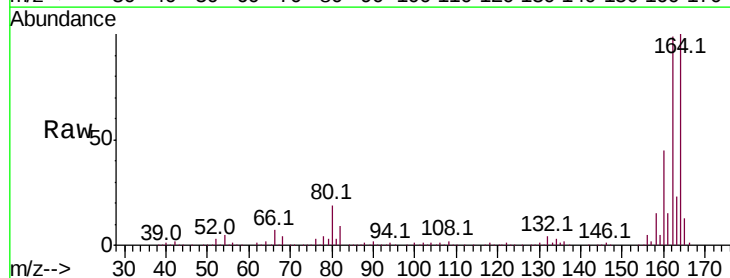
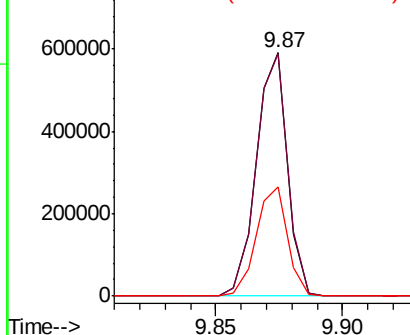
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

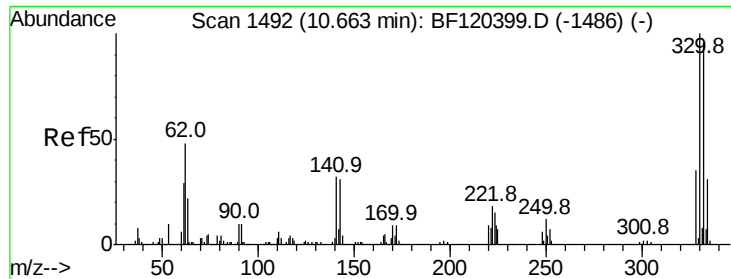


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF120446.D
 Acq: 29 May 2020 18:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.3	121.9
160	45.0	36.9	55.3

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





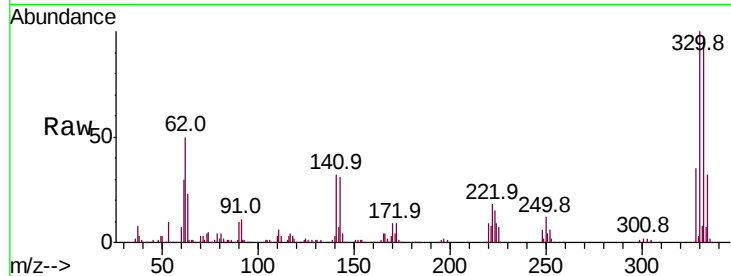
#42
 2,4,6-Tribromophenol
 Concen: 81.896 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120446.D
 Acq: 29 May 2020 18:28

Instrument :
 BNA_F
 ClientSampleId :
 NM73-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	77.0	115.6	
141	30.3	25.3	37.9	

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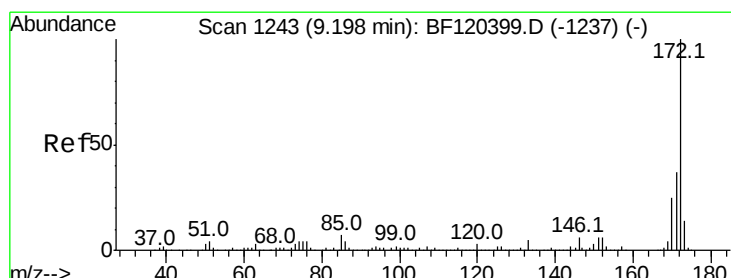
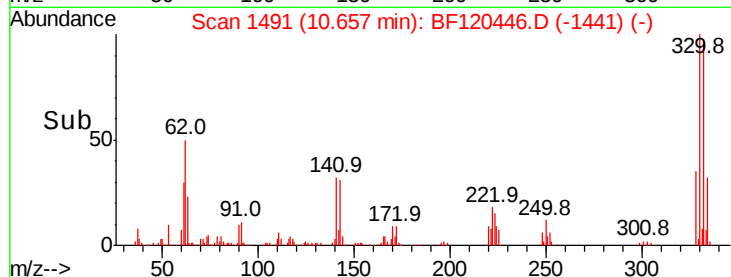
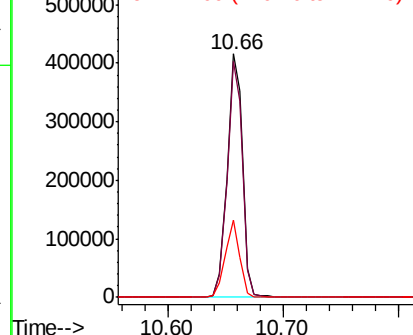


Abundance

Ion 329.80 (329.50 to 330.50): E

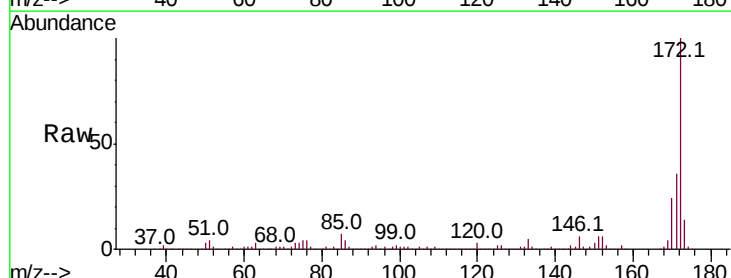
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 60.675 ng
 RT: 9.19 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF120446.D
 Acq: 29 May 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.2	29.7	44.5	
170	24.5	19.9	29.9	

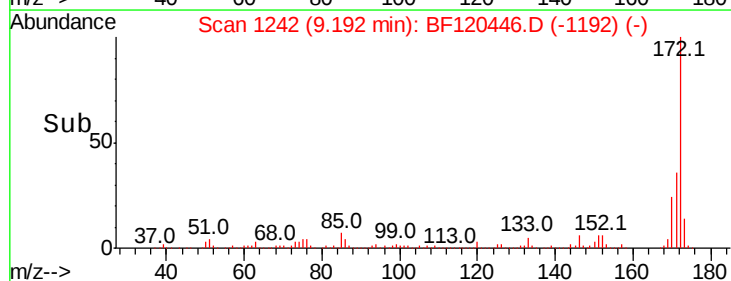
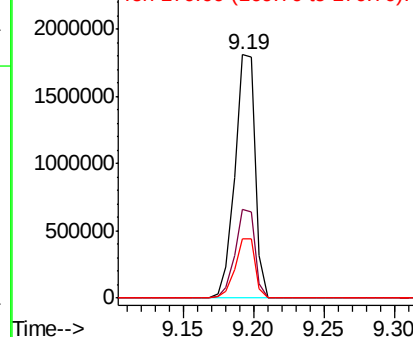


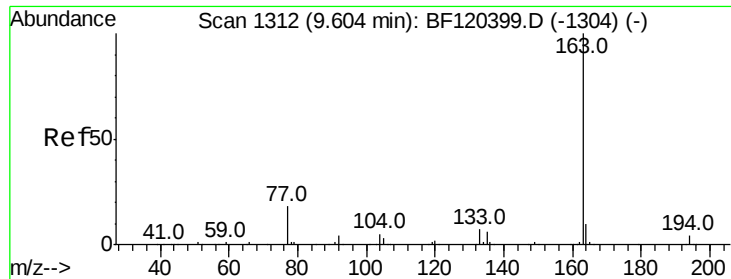
Abundance

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





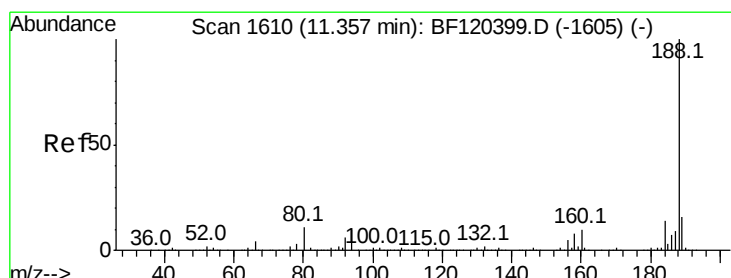
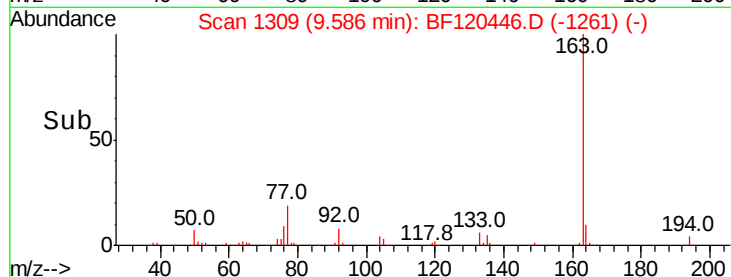
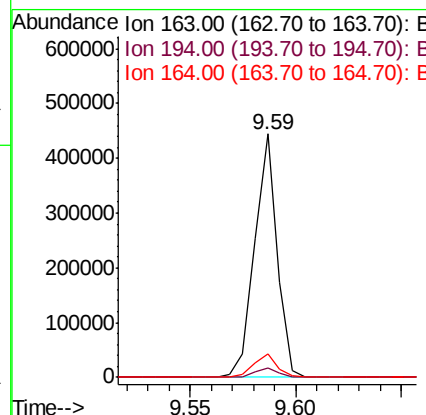
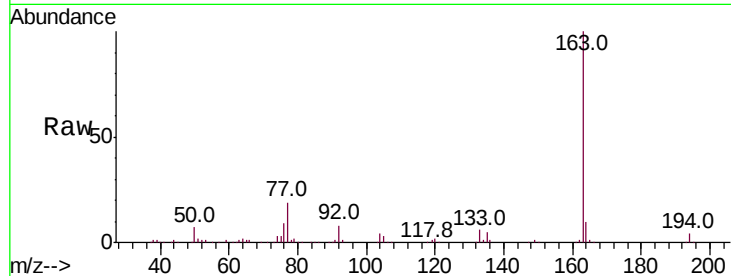
#50
Dimethylphthalate
Concen: 10.506 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120446.D
Acq: 29 May 2020 18:28

Instrument :
BNA_F
ClientSampleId :
NM73-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	329747		
194	3.9		3.3	4.9
164	9.8		8.3	12.5

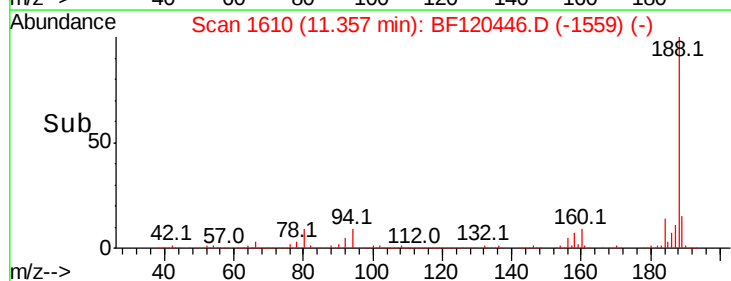
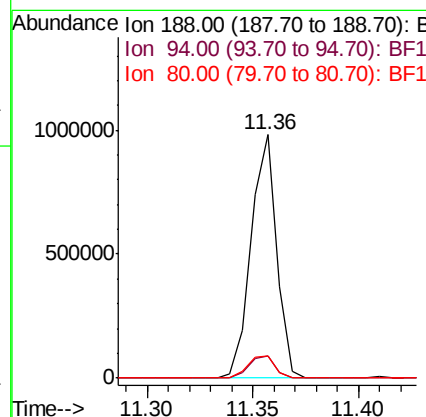
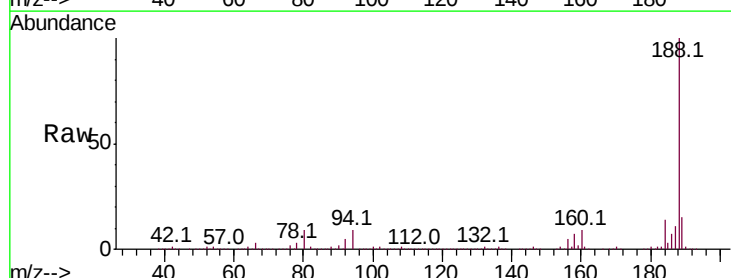
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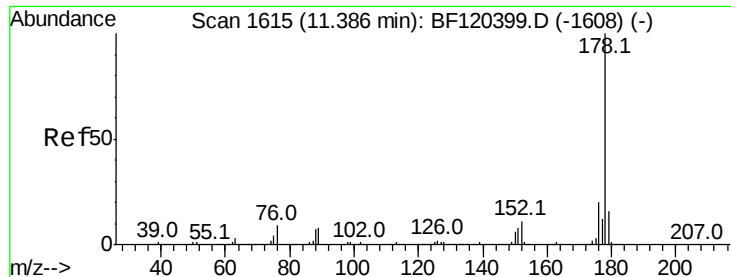
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF120446.D
Acq: 29 May 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	822087		
94	8.9		7.9	11.9
80	8.9		8.6	13.0





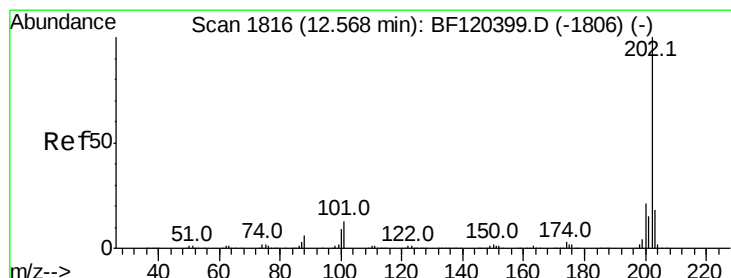
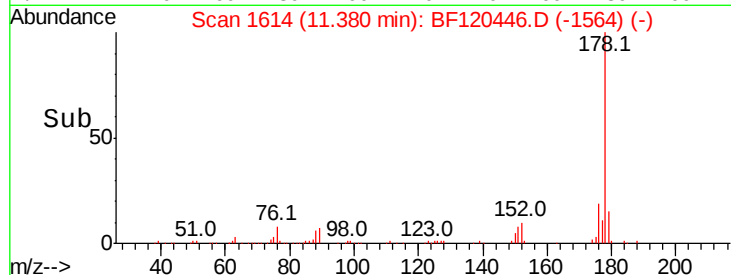
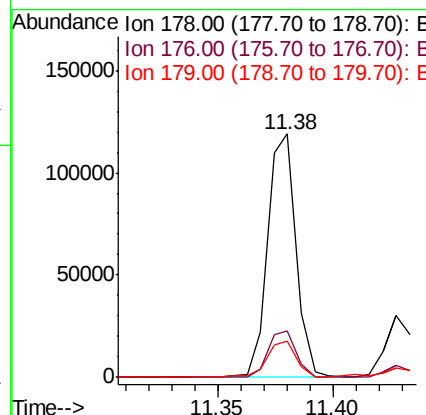
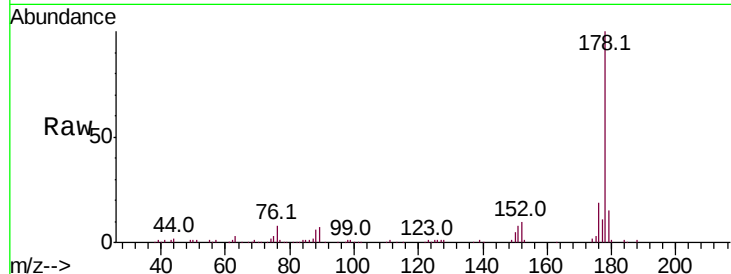
#71
Phenanthrene
Concen: 2.809 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120446.D
Acq: 29 May 2020 18:28

Instrument :
BNA_F
ClientSampleId :
NM73-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.4	24.6
179	15.1	13.0	19.4

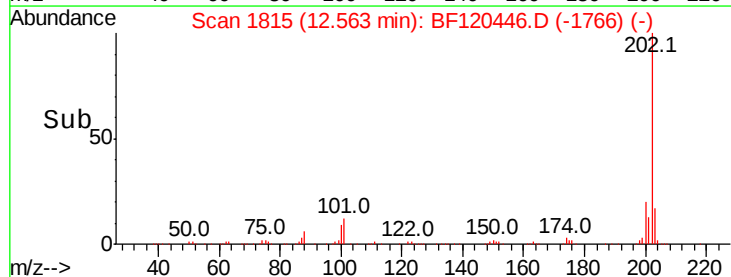
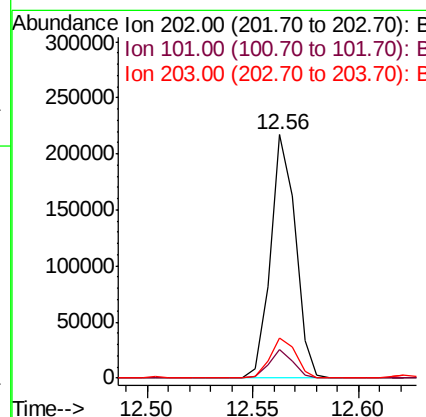
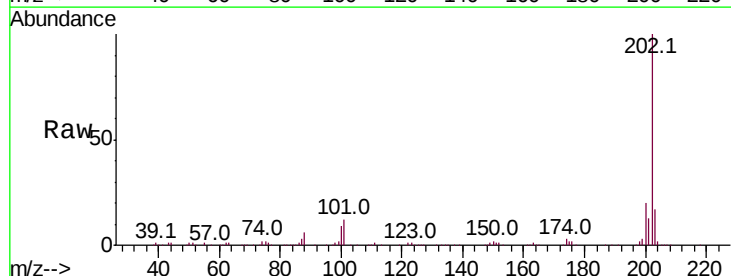
Manual Integrations
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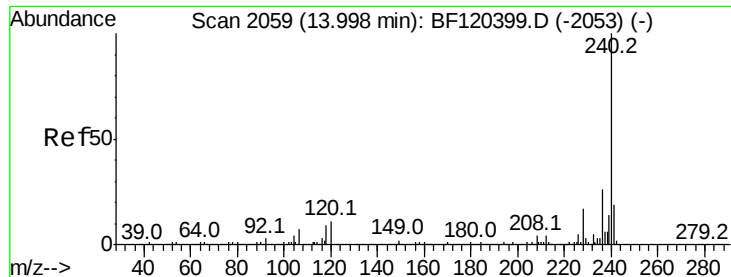
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#75
Fluoranthene
Concen: 4.594 ng
RT: 12.56 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF120446.D
Acq: 29 May 2020 18:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	32.6
203	16.6	0.0	38.4





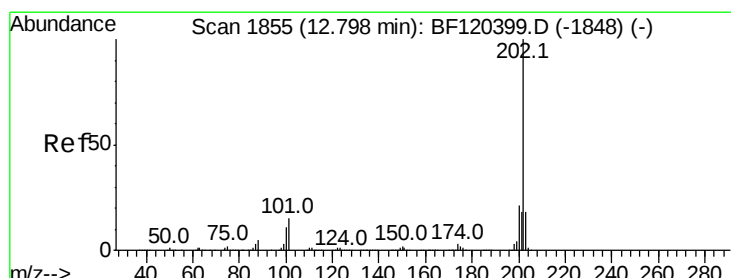
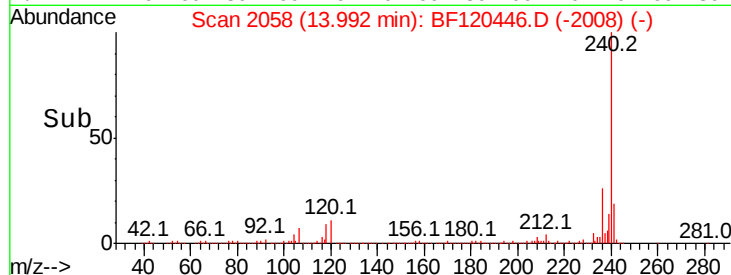
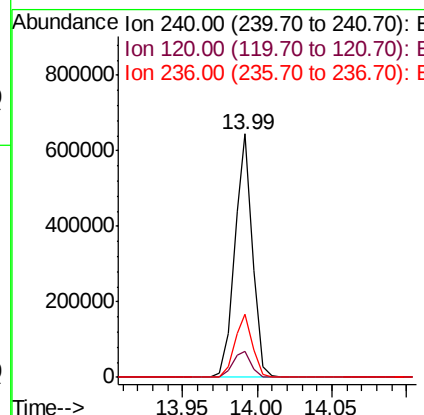
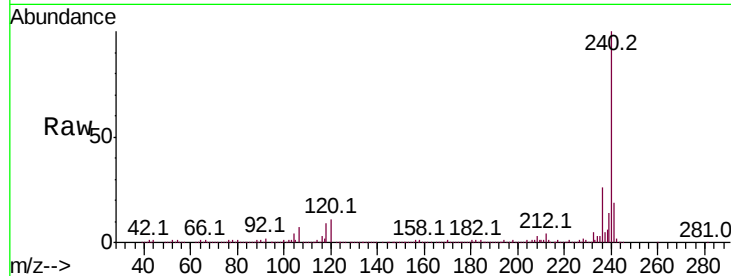
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF120446.D
Acq: 29 May 2020 18:28

Instrument :
BNA_F
ClientSampleId :
NM73-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.9	8.8	13.2	
236	25.9	21.0	31.4	

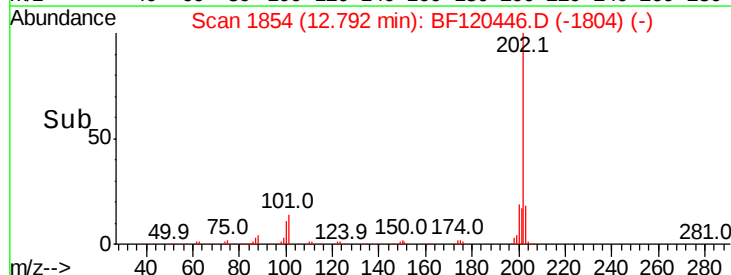
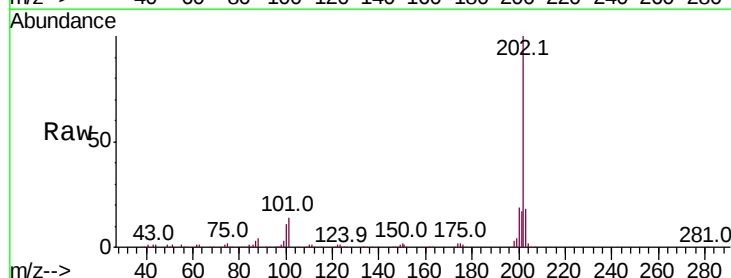
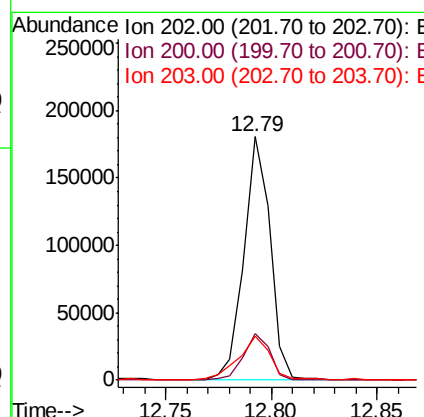
Manual Integrations
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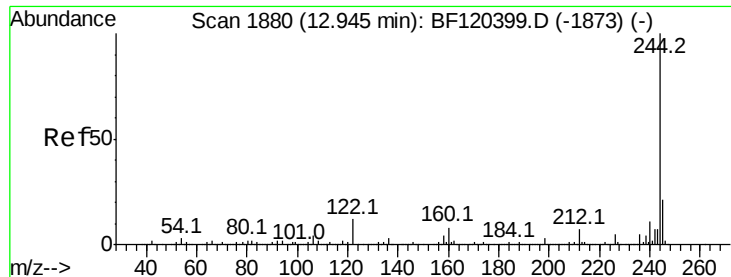
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#78
Pyrene
Concen: 4.152 ng
RT: 12.79 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF120446.D
Acq: 29 May 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	19.2	17.0	25.4	
203	18.1	14.7	22.1	





#79

Terphenyl-d14

Concen: 63.265 ng

RT: 12.94 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BF120446.D

Acq: 29 May 2020 18:28

Instrument :

BNA_F

ClientSampleId :

NM73-COMP-2020-0-6

Tot Ion:244 Resp: 1534458

Ion Ratio Lower Upper

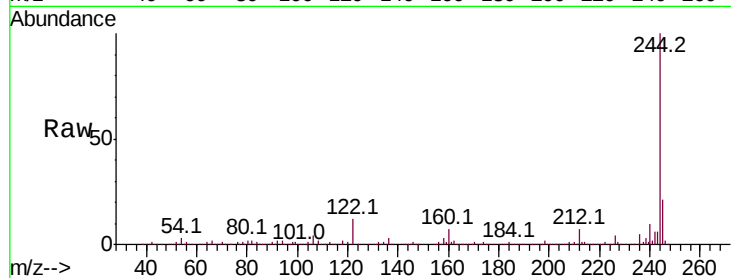
244 100

212 6.8 5.9 8.9

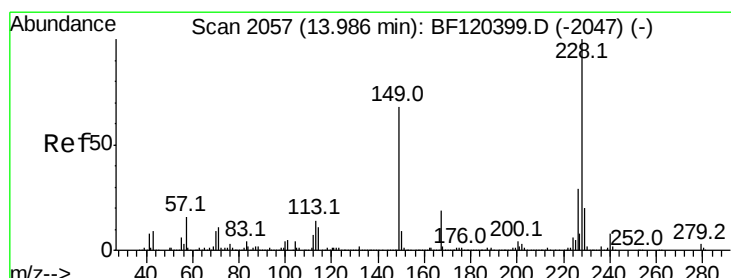
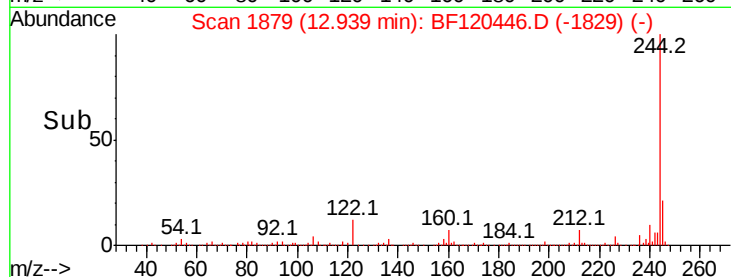
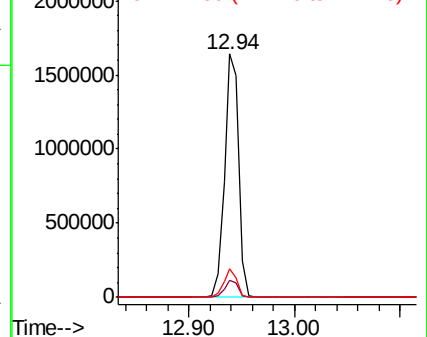
122 11.8 9.2 13.8

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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: 2.940 ng

RT: 13.98 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF120446.D

Acq: 29 May 2020 18:28

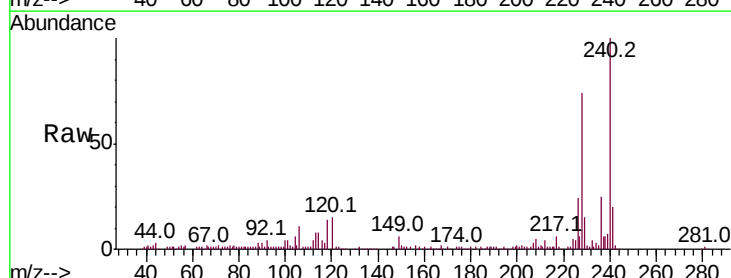
Tgt Ion:228 Resp: 85033

Ion Ratio Lower Upper

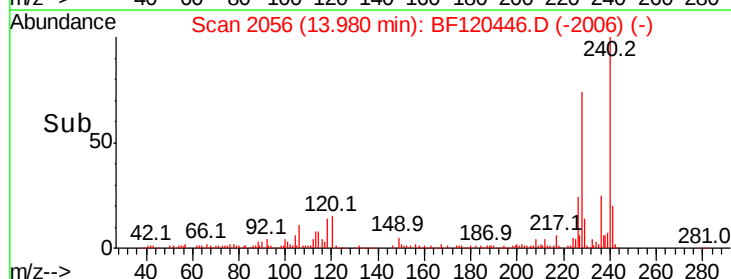
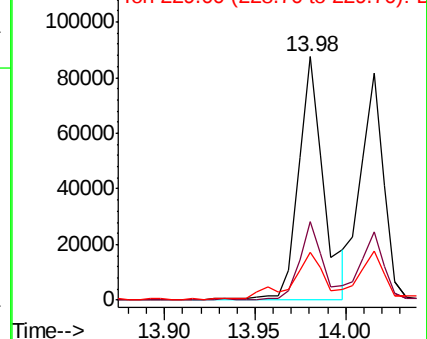
228 100

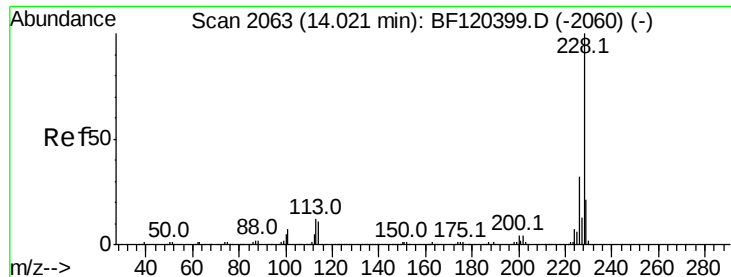
226 32.3 23.0 34.4

229 19.8 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





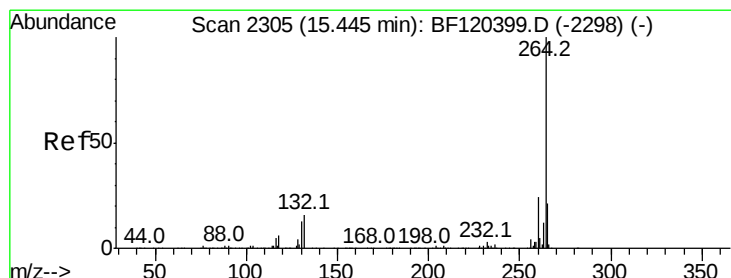
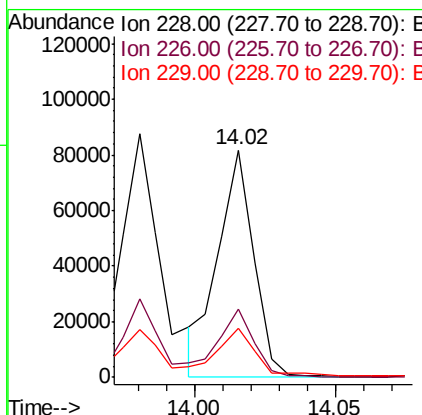
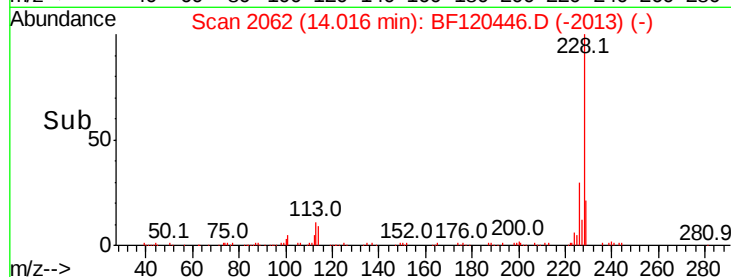
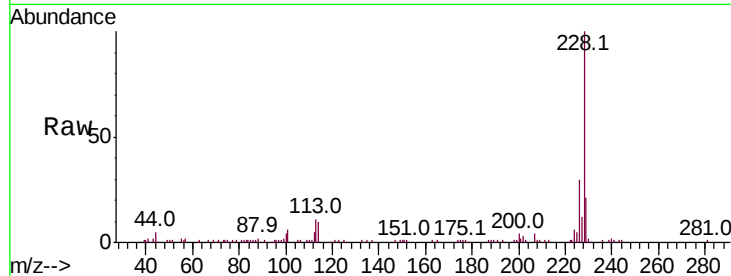
#83
Chrysene
Concen: 2.396 ng
RT: 14.02 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BF120446.D
Acq: 29 May 2020 18:28

Instrument :
BNA_F
ClientSampleId :
NM73-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.6	38.4
229	21.5	16.6	25.0

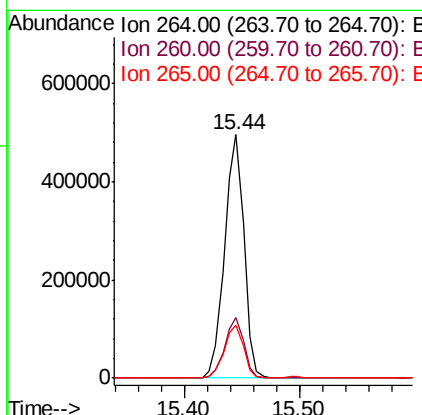
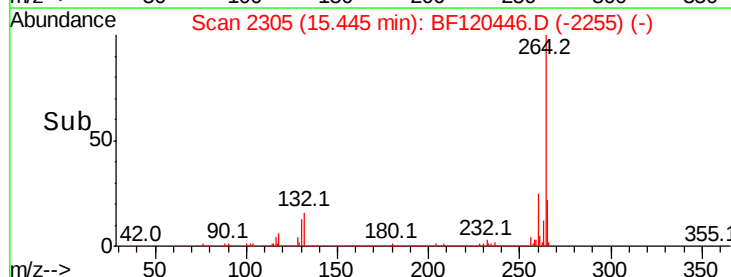
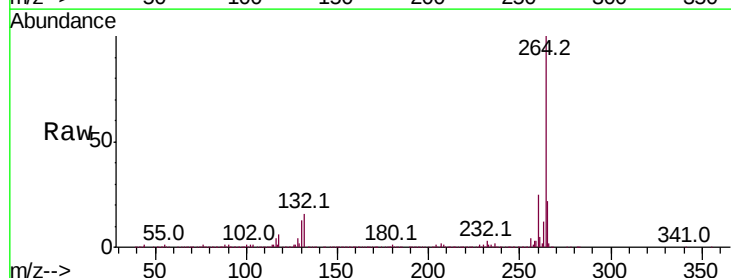
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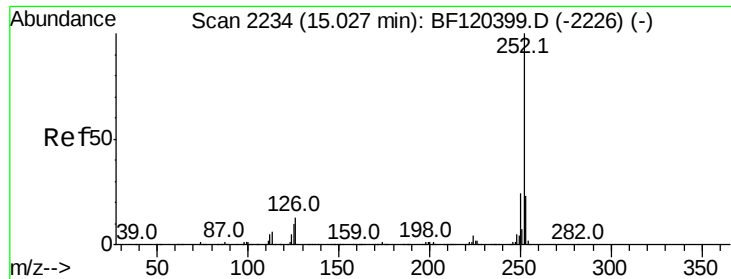
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BF120446.D
Acq: 29 May 2020 18:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.8	16.9	25.3





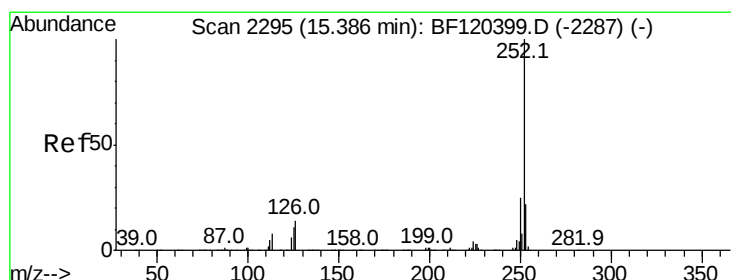
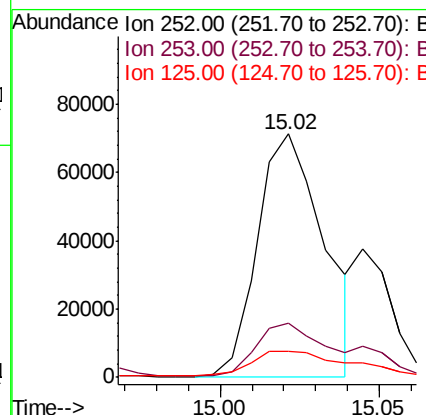
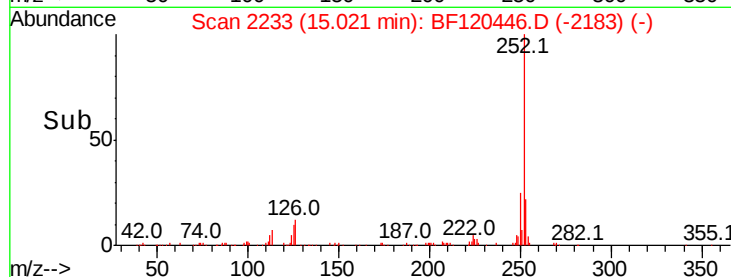
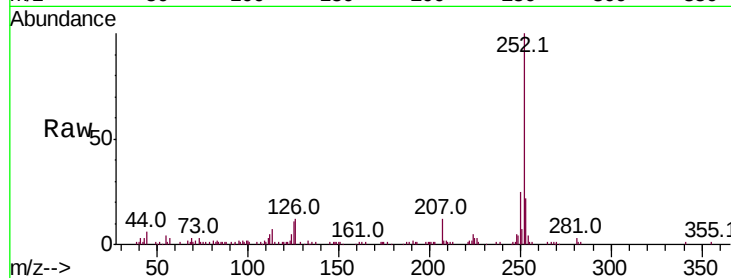
#88
Benzo(b)fluoranthene
Concen: 3.247 ng m
RT: 15.02 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF120446.D
Acq: 29 May 2020 18:28

Instrument :
BNA_F
ClientSampleId :
NM73-COMP-2020-0-6

Tot Ion:252	Resp:	103743
Ion Ratio	Lower	Upper
252	100	
253	22.0	18.1 27.1
125	10.9	7.8 11.8

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#90
Benzo(a)pyrene
Concen: 2.485 ng
RT: 15.38 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BF120446.D
Acq: 29 May 2020 18:28

Tgt Ion:252	Resp:	69437
Ion Ratio	Lower	Upper
252	100	
253	21.2	17.4 26.0
125	10.4	8.7 13.1

