

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
 Data File : BF120474.D
 Acq On : 1 Jun 2020 16:39
 Operator : JU/CG
 Sample : L2773-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM74-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 01 17:35:11 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	248692	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	903722	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	453850	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	777283	20.00	ng	0.00
76) Chrysene-d12	14.00	240	537466	20.00	ng	0.00
86) Perylene-d12	15.46	264	541637	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1132559	86.79	ng	0.00
7) Phenol-d6	6.47	99	1485126	92.33	ng	0.00
23) Nitrobenzene-d5	7.40	82	983070	71.16	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	428433	101.88	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1813451	67.79	ng	0.00
79) Terphenyl-d14	12.95	244	1714076	70.97	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.59	163	328769	11.59	ng	99
71) Phenanthrene	11.39	178	412150	12.03	ng	97
72) Anthracene	11.43	178	102387	2.98	ng	99
75) Fluoranthene	12.57	202	681971	18.51	ng	98
78) Pyrene	12.80	202	614890	16.45	ng	98
81) Benzo(a)anthracene	13.99	228	310295	10.77	ng	97
83) Chrysene	14.03	228	292806	9.70	ng	97
87) Indeno(1,2,3-cd)pyrene	16.90	276	163817m	5.53	ng	
88) Benzo(b)fluoranthene	15.03	252	391528m	13.01	ng	
89) Benzo(k)fluoranthene	15.06	252	127134m	4.53	ng	
90) Benzo(a)pyrene	15.39	252	268070	10.19	ng	96
92) Benzo(g,h,i)perylene	17.33	276	148138	6.22	ng	98

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

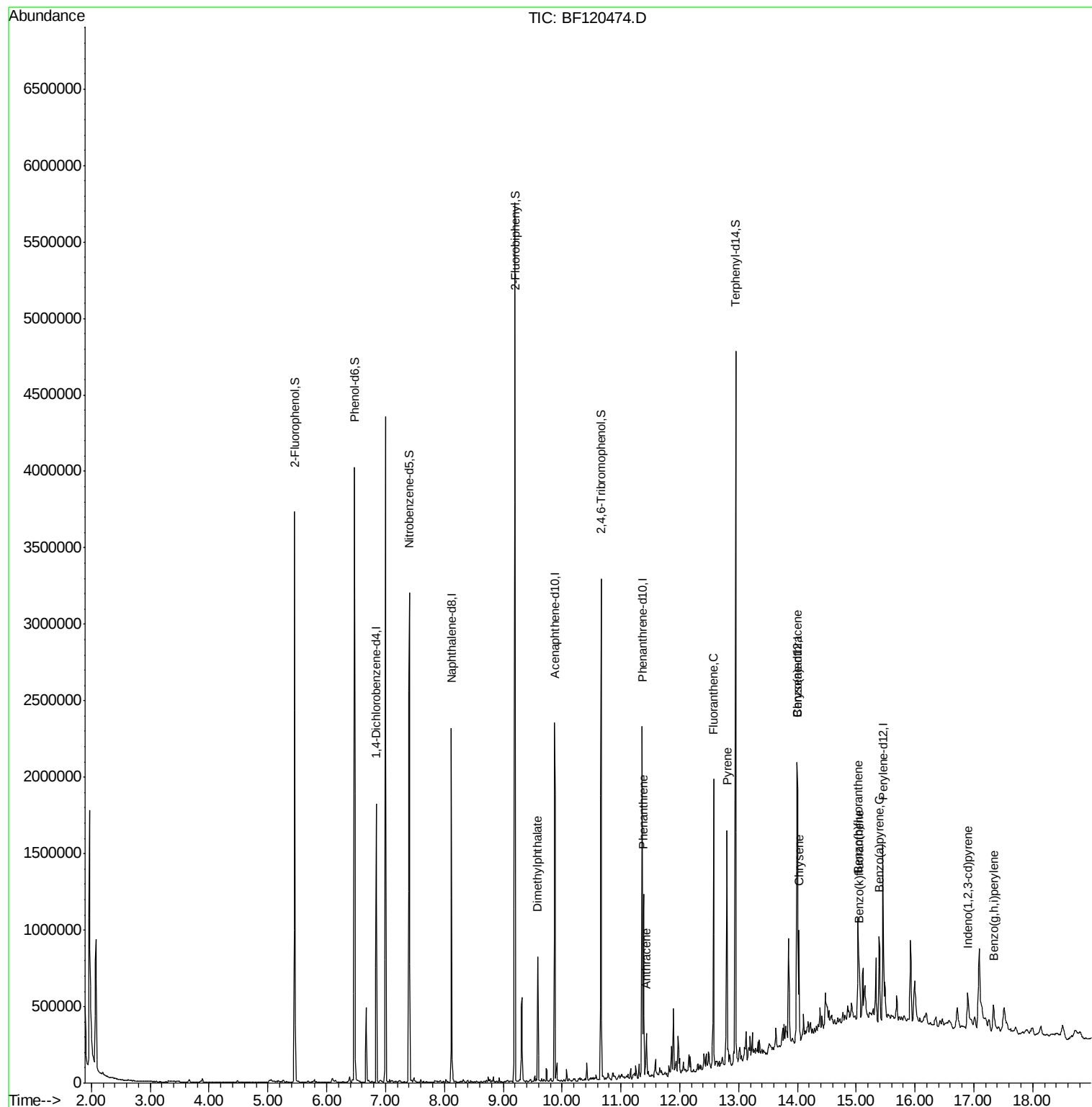
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120474.D
Acq On : 1 Jun 2020 16:39
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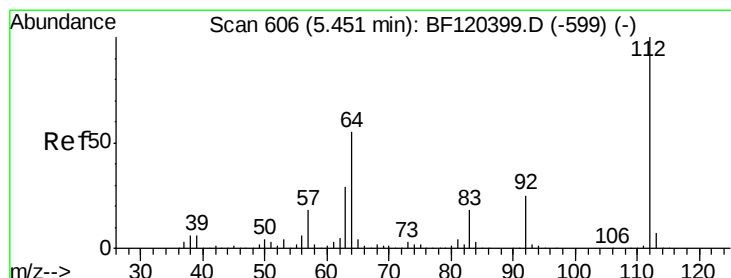
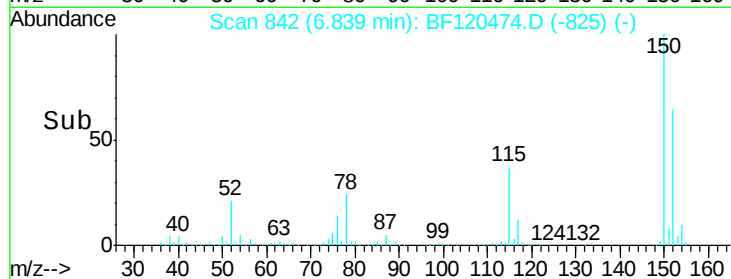
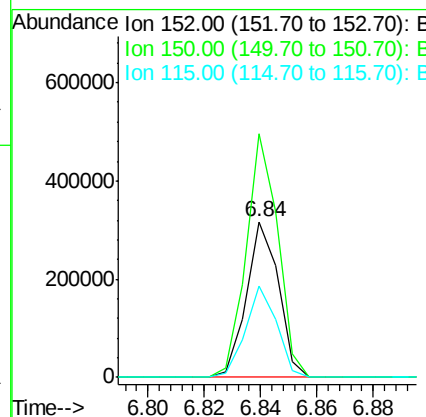
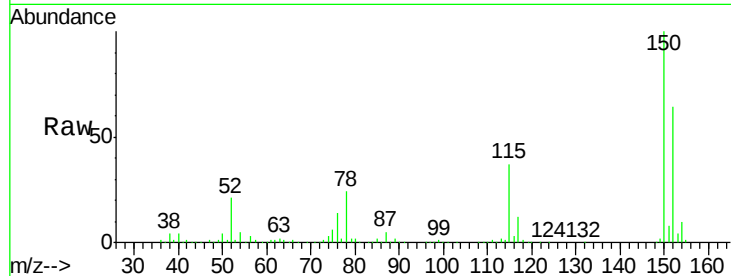
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF120474.D
 Acq: 1 Jun 2020 16:39

Instrument :
 BNA_F
 ClientSampleId :
 NM74-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.5	189.7
115	58.6	47.6	71.4

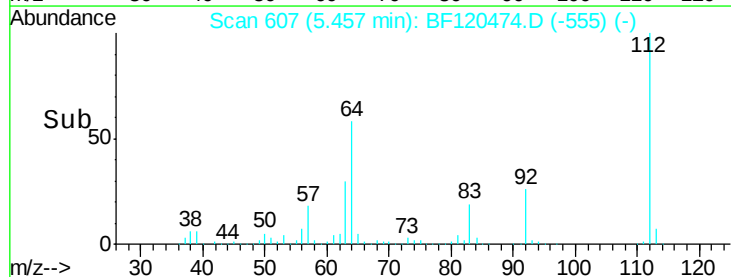
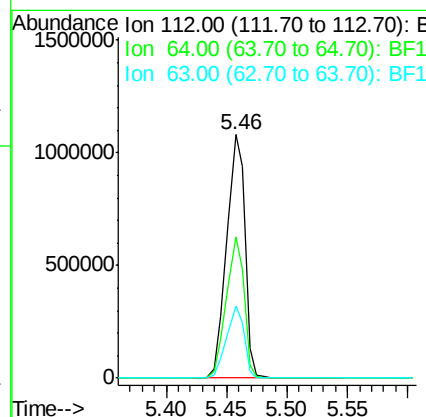
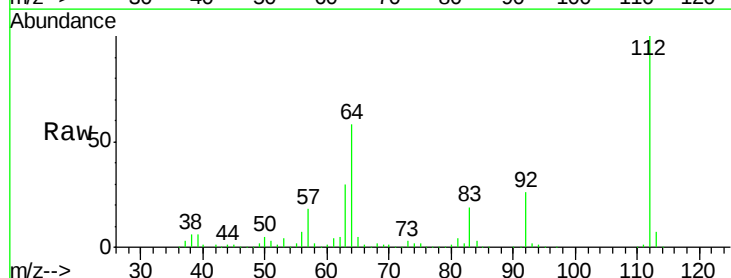
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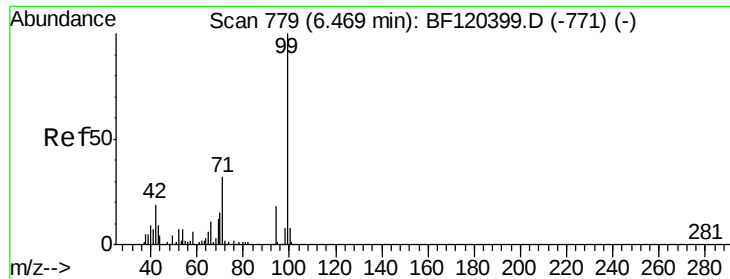
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#5
 2-Fluorophenol
 Concen: 86.79 ng
 RT: 5.46 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF120474.D
 Acq: 1 Jun 2020 16:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	44.3	66.5
63	29.5	22.9	34.3





#7

Phenol-d6

Concen: 92.33 ng

RT: 6.47 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF120474.D

Acq: 1 Jun 2020 16:39

Instrument :

BNA_F

ClientSampleId :

NM74-COMP-2020-0-6

Tgt Ion: 99 Resp: 1485126

Ion Ratio Lower Upper

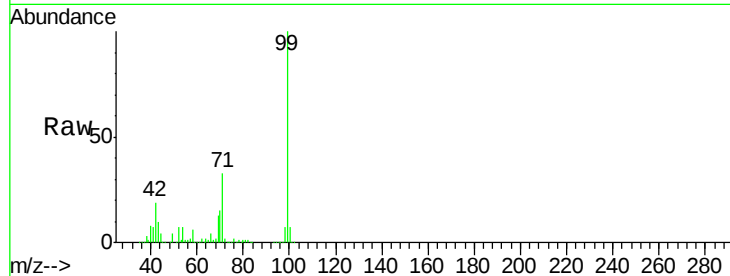
99 100

42 19.3 15.2 22.8

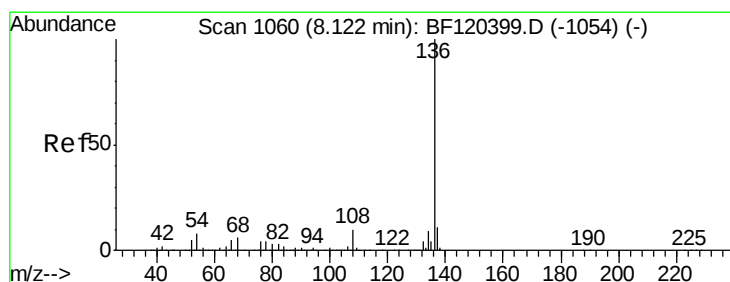
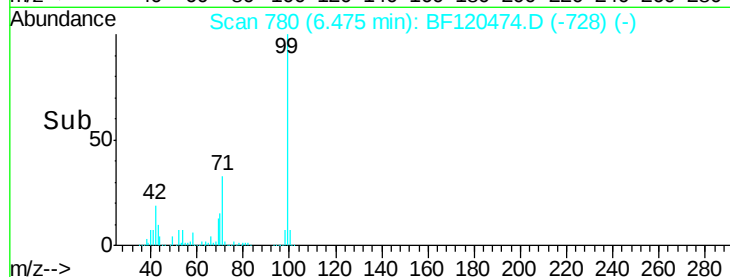
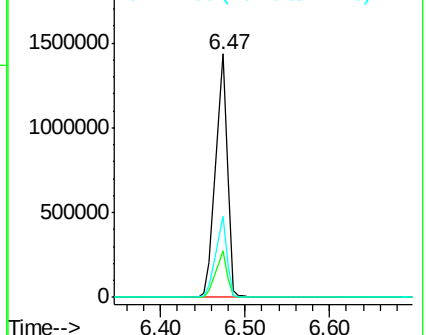
71 33.1 25.6 38.4

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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: BF120474.D

Acq: 1 Jun 2020 16:39

Tgt Ion: 136 Resp: 903722

Ion Ratio Lower Upper

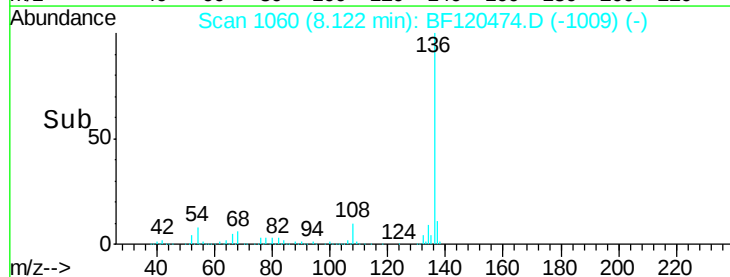
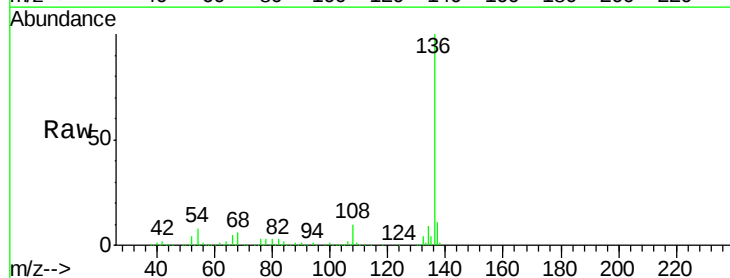
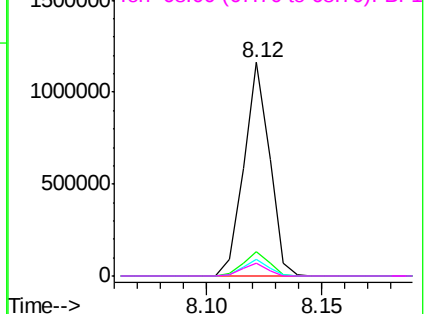
136 100

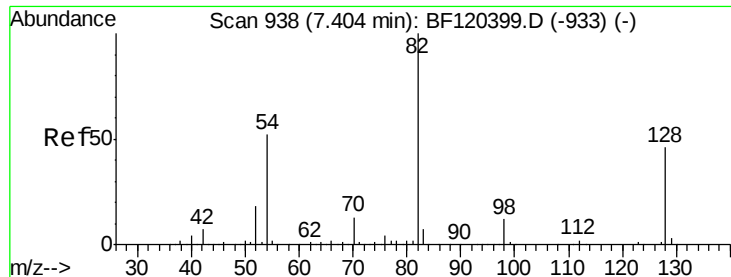
137 11.3 9.1 13.7

54 7.9 6.7 10.1

68 6.2 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





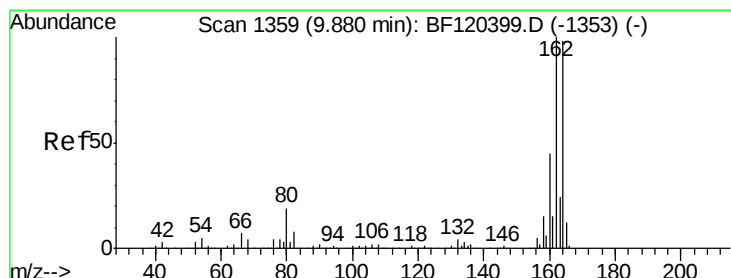
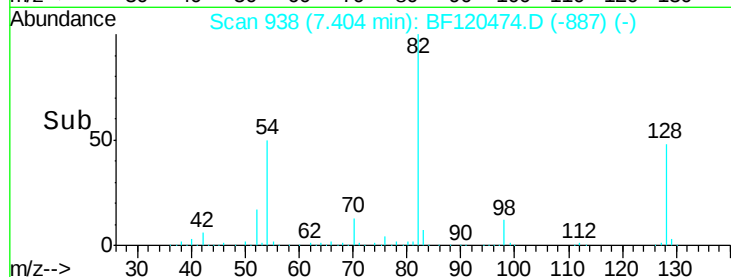
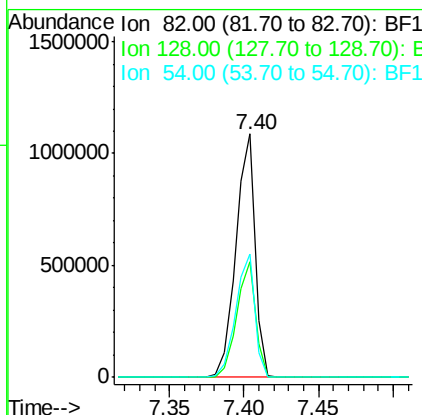
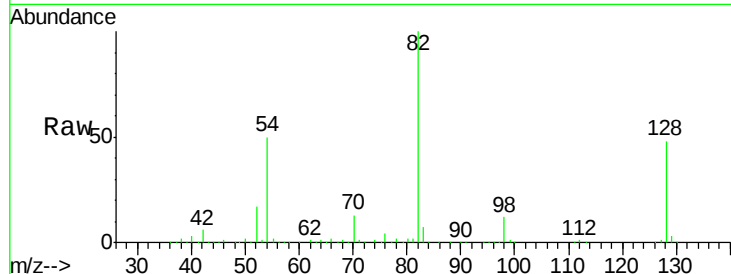
#23
 Nitrobenzene-d5
 Concen: 71.16 ng
 RT: 7.40 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF120474.D
 Acq: 1 Jun 2020 16:39

Instrument :
 BNA_F
 ClientSampleId :
 NM74-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	983070		
128	47.7	36.8	55.2	
54	50.4	41.6	62.4	

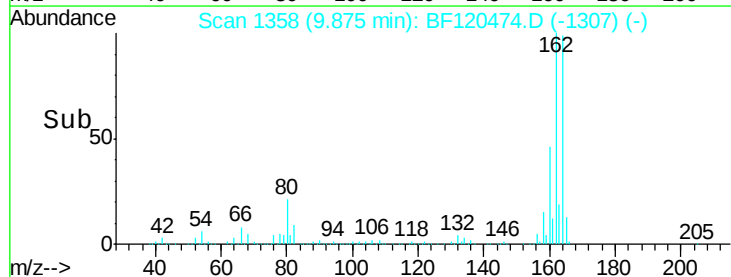
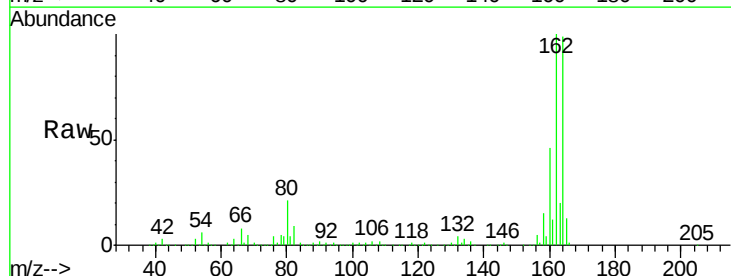
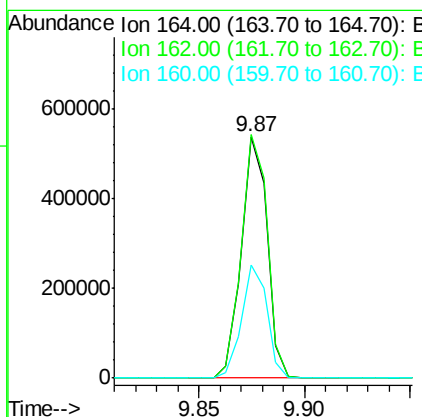
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#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF120474.D
 Acq: 1 Jun 2020 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	453850		
162	100.8	81.3	121.9	
160	46.6	36.9	55.3	





#42

2,4,6-Tribromophenol

Concen: 101.88 ng

RT: 10.67 min Scan# 1493

Delta R.T. 0.01 min

Lab File: BF120474.D

Acq: 1 Jun 2020 16:39

Instrument :

BNA_F

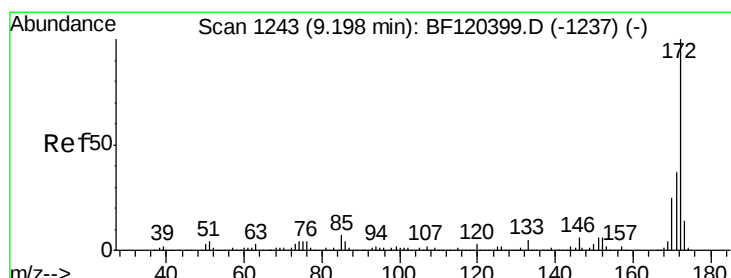
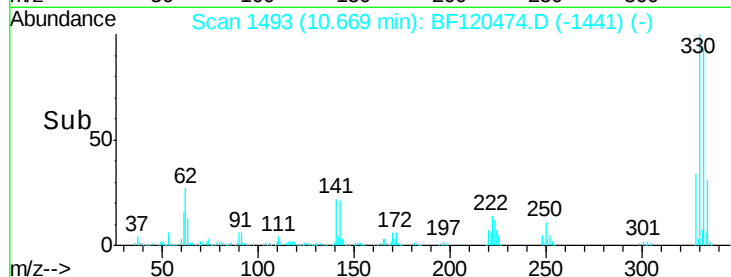
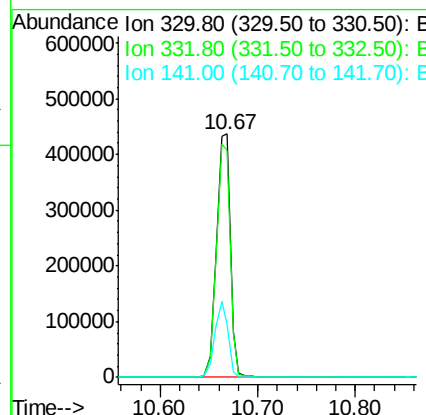
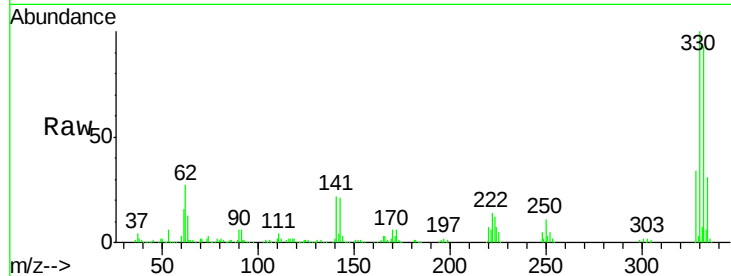
ClientSampleId :

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Tgt Ion:	330	Resp:	428433
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.0	115.6
141	29.7	25.3	37.9

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#45

2-Fluorobiphenyl

Concen: 67.79 ng

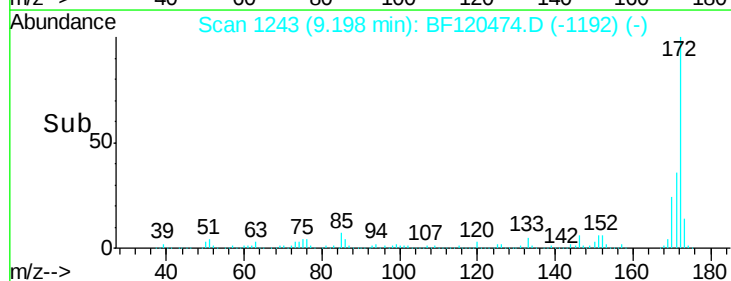
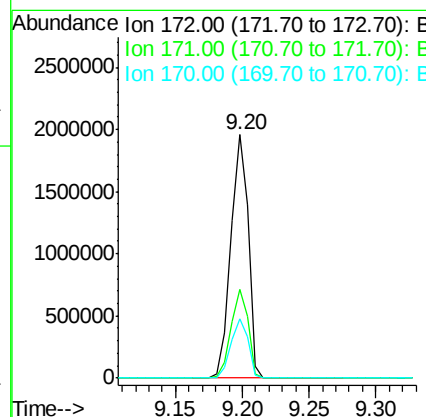
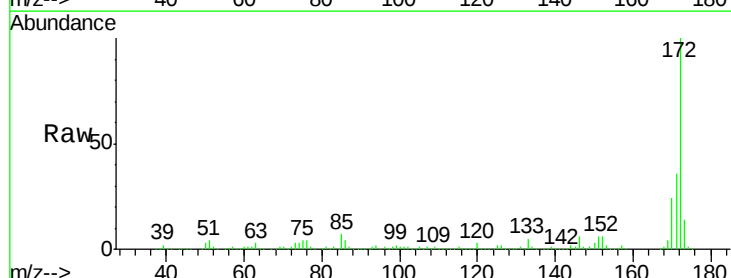
RT: 9.20 min Scan# 1243

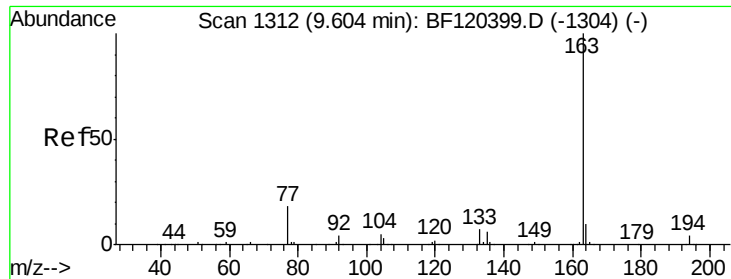
Delta R.T. 0.00 min

Lab File: BF120474.D

Acq: 1 Jun 2020 16:39

Tgt Ion:	172	Resp:	1813451
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.7	44.5
170	24.3	19.9	29.9





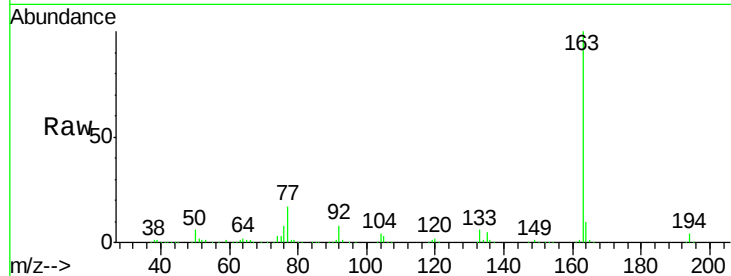
#50
Dimethylphthalate
Concen: 11.59 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF120474.D
Acq: 1 Jun 2020 16:39

Instrument :
BNA_F
ClientSampleId :
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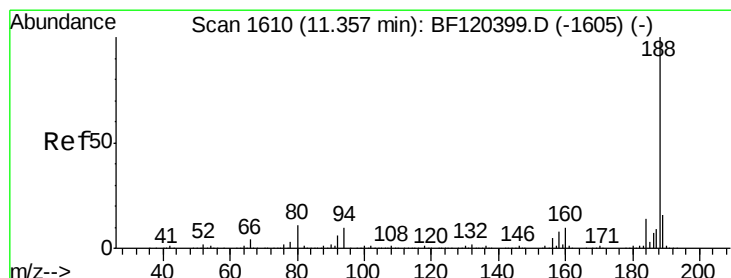
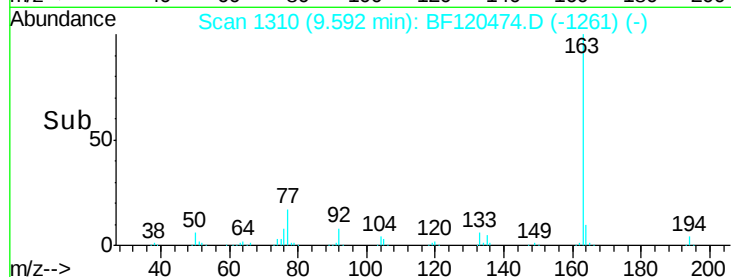
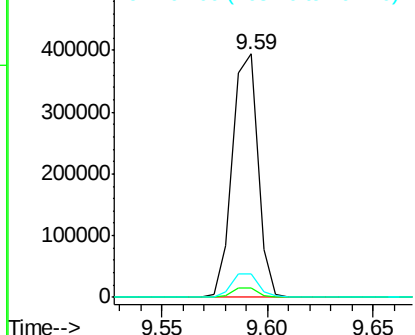
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	328769		
194	4.0		3.3	4.9
164	9.7		8.3	12.5

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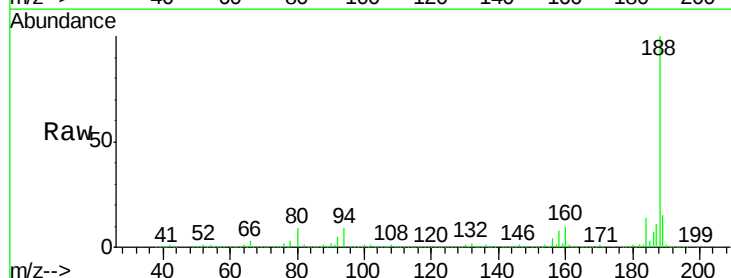


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

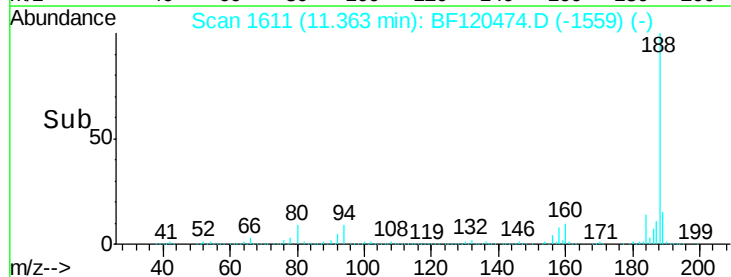
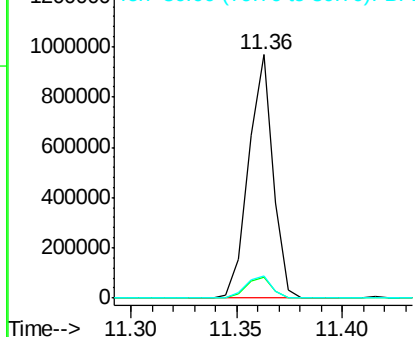


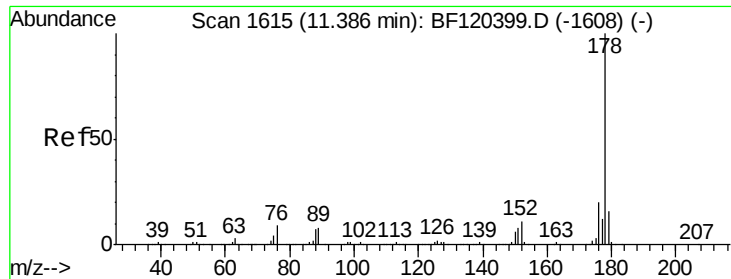
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Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF120474.D
Acq: 1 Jun 2020 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	777283		
94	8.8		7.9	11.9
80	9.3		8.6	13.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





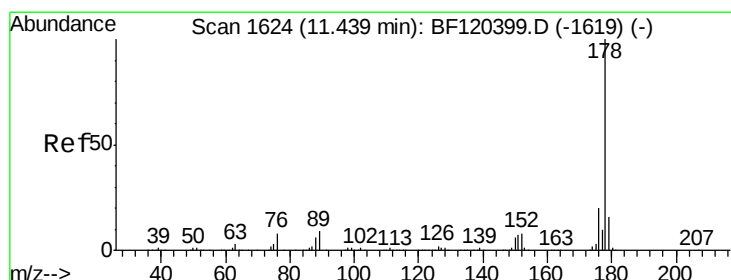
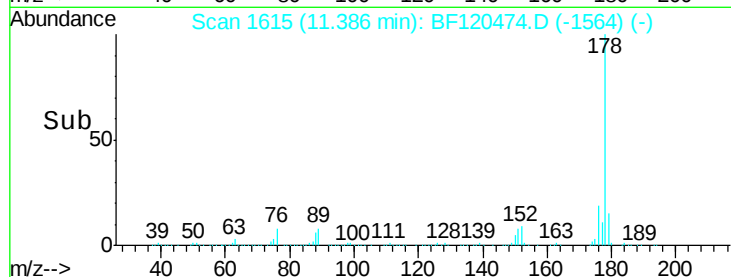
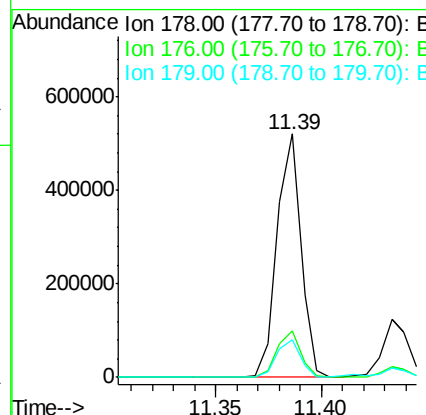
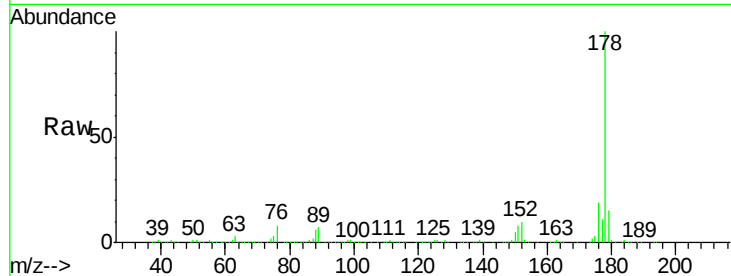
#71
Phenanthrene
Concen: 12.03 ng
RT: 11.39 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF120474.D
Acq: 1 Jun 2020 16:39

Instrument :
BNA_F
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NM74-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.4	24.6
179	15.2	13.0	19.4

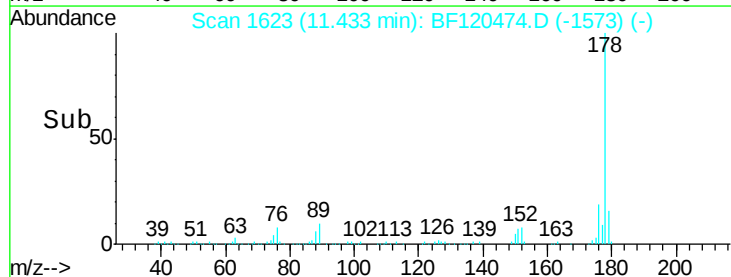
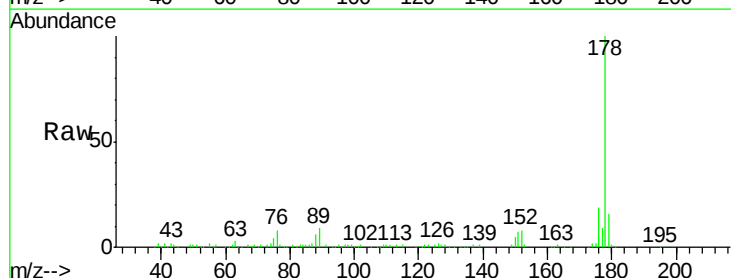
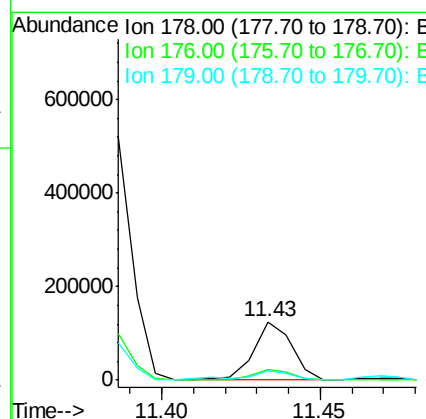
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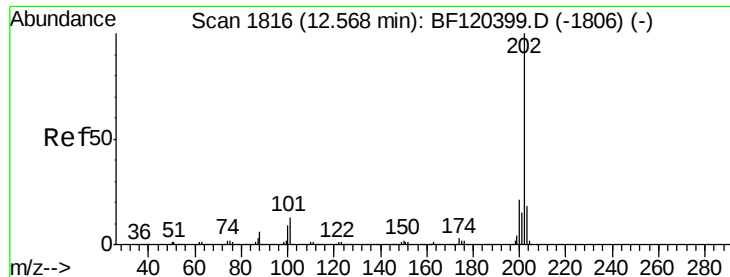
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#72
Anthracene
Concen: 2.98 ng
RT: 11.43 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF120474.D
Acq: 1 Jun 2020 16:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	15.6	12.8	19.2





#75

Fluoranthene

Concen: 18.51 ng

RT: 12.57 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF120474.D

Acq: 1 Jun 2020 16:39

Instrument :

BNA_F

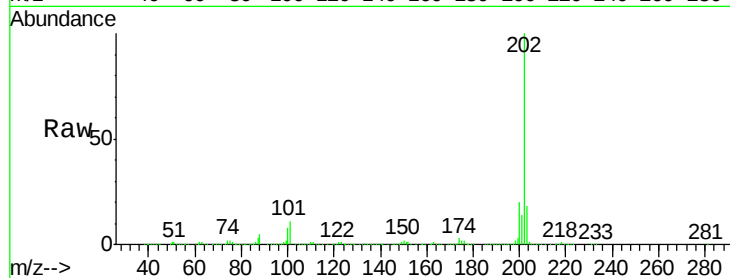
ClientSampleId :

NM74-COMP-2020-0-6

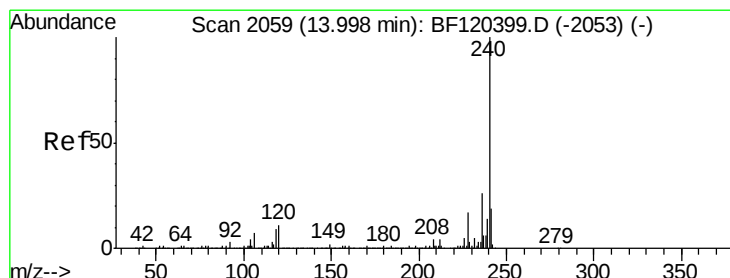
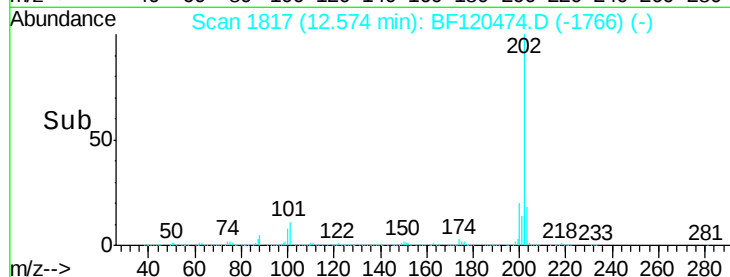
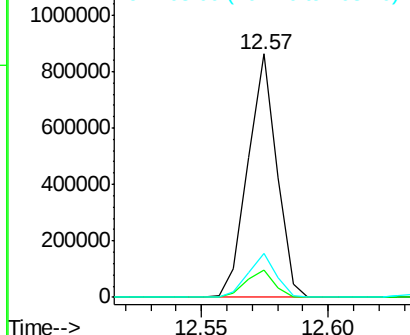
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		681971		
101	11.0	0.0	32.6		
203	17.8	0.0	38.4		

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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# 2060

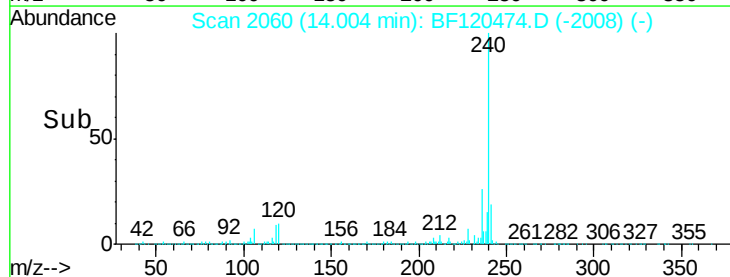
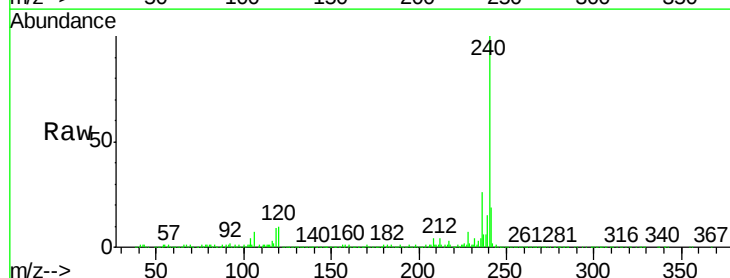
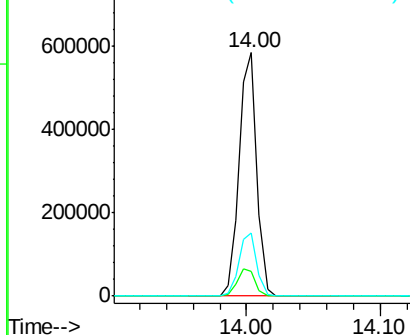
Delta R.T. 0.01 min

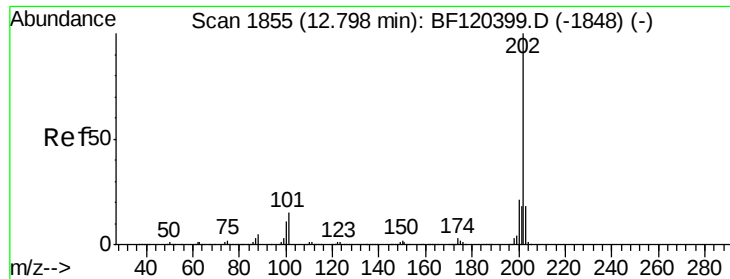
Lab File: BF120474.D

Acq: 1 Jun 2020 16:39

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		537466		
120	10.1	8.8	13.2		
236	26.1	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





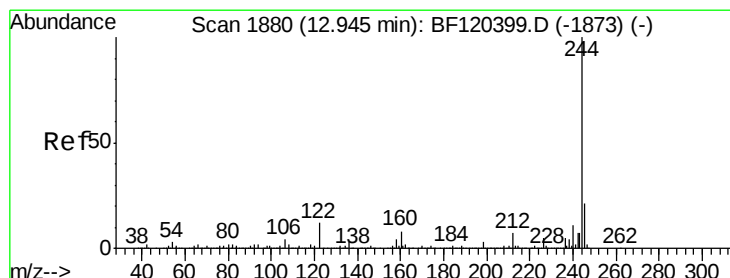
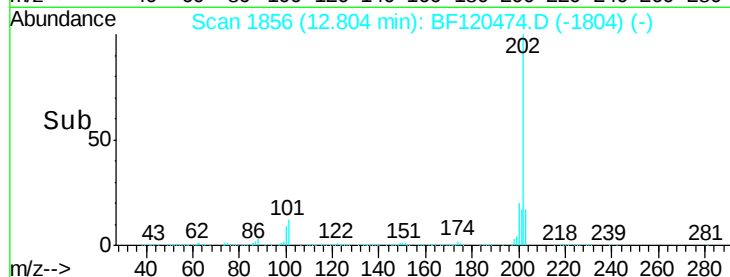
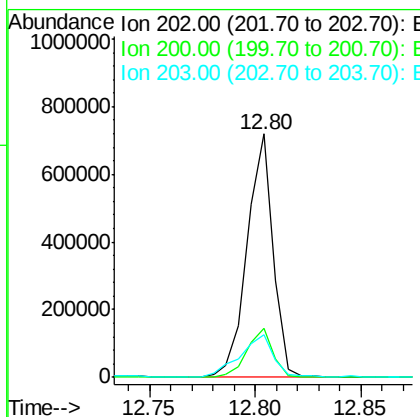
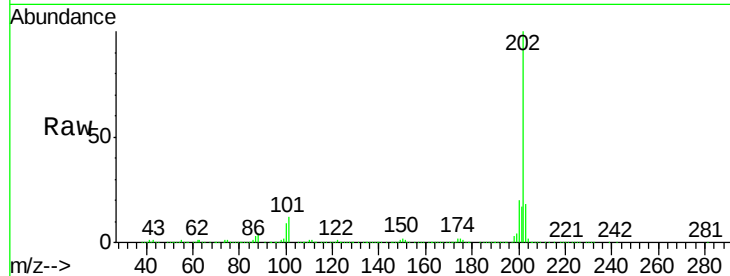
#78
 Pyrene
 Concen: 16.45 ng
 RT: 12.80 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: BF120474.D
 Acq: 1 Jun 2020 16:39

Instrument :
 BNA_F
 ClientSampleId :
 NM74-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.0	25.4
203	17.7	14.7	22.1

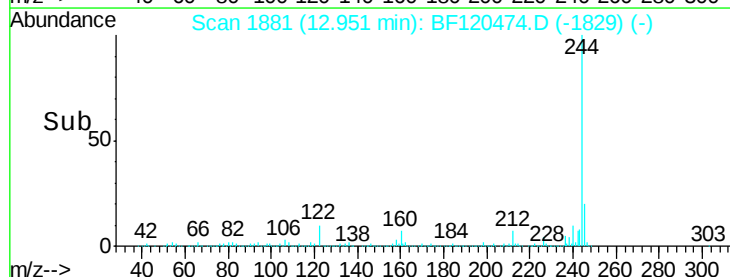
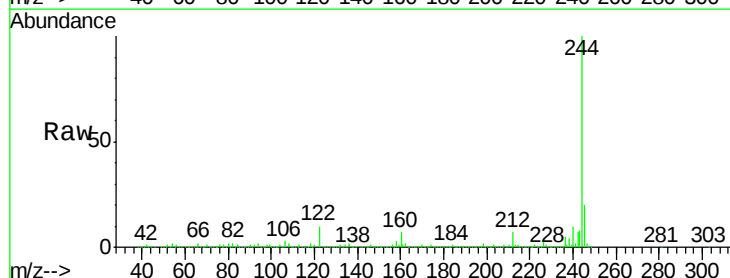
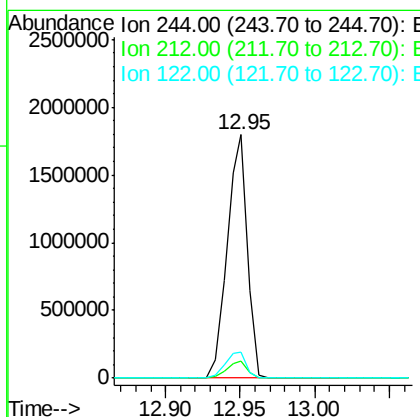
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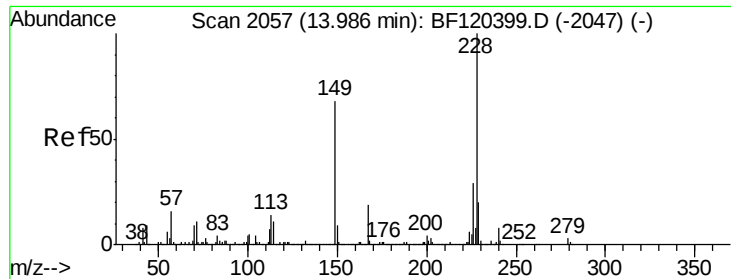
mohammad
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#79
 Terphenyl-d14
 Concen: 70.97 ng
 RT: 12.95 min Scan# 1881
 Delta R.T. 0.01 min
 Lab File: BF120474.D
 Acq: 1 Jun 2020 16:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	10.5	9.2	13.8





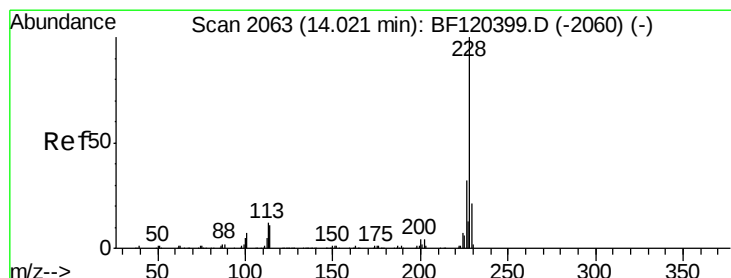
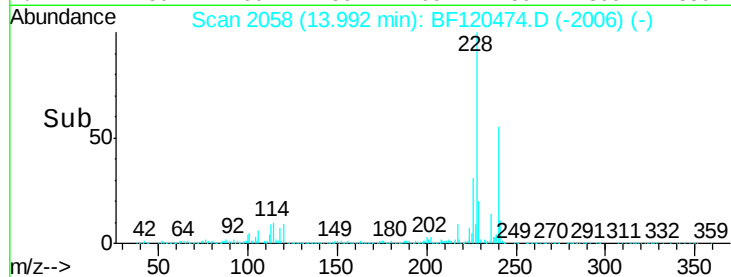
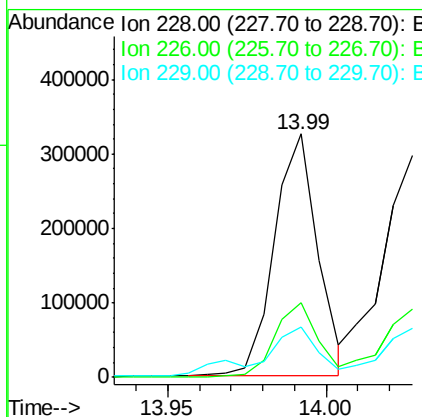
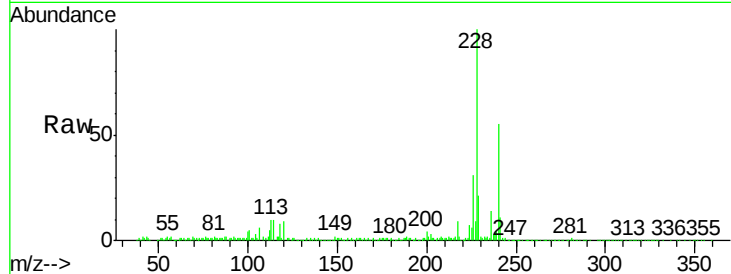
#81
Benzo(a)anthracene
Concen: 10.77 ng
RT: 13.99 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BF120474.D
Acq: 1 Jun 2020 16:39

Instrument :
BNA_F
ClientSampleId :
NM74-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.0	34.4
229	20.6	16.2	24.4

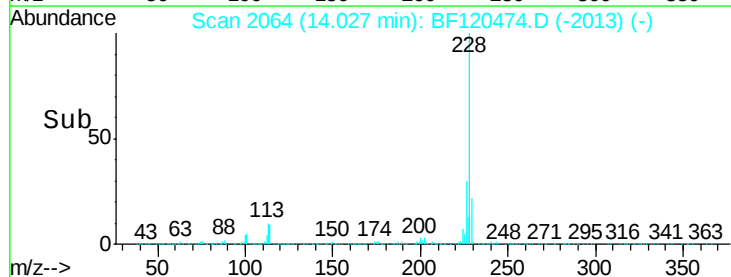
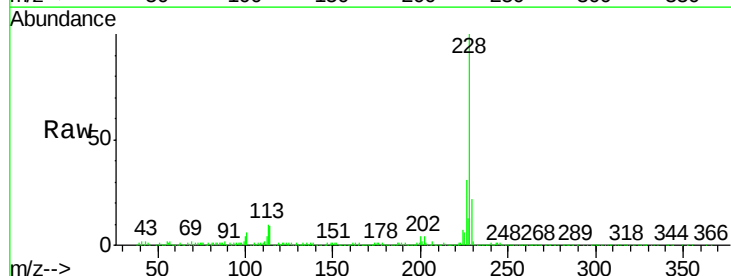
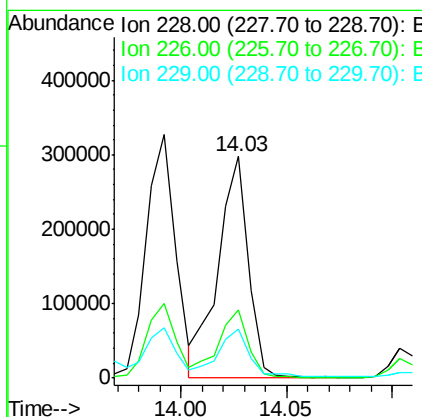
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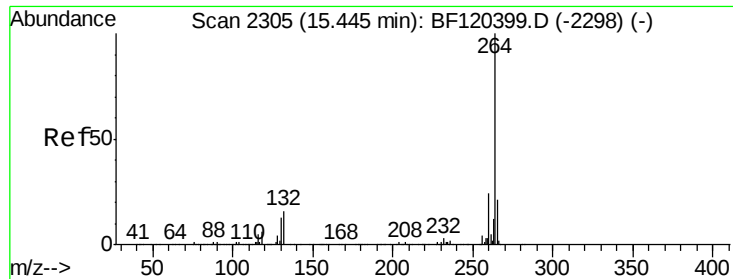
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#83
Chrysene
Concen: 9.70 ng
RT: 14.03 min Scan# 2064
Delta R.T. 0.00 min
Lab File: BF120474.D
Acq: 1 Jun 2020 16:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.6	38.4
229	22.2	16.6	25.0





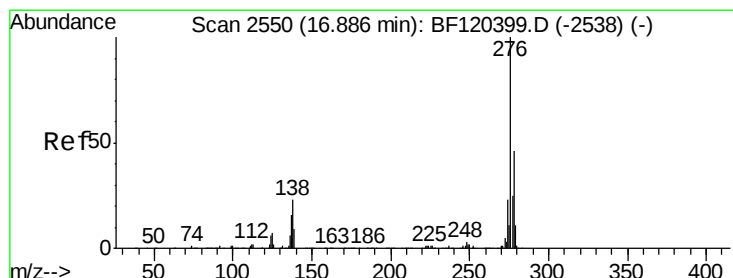
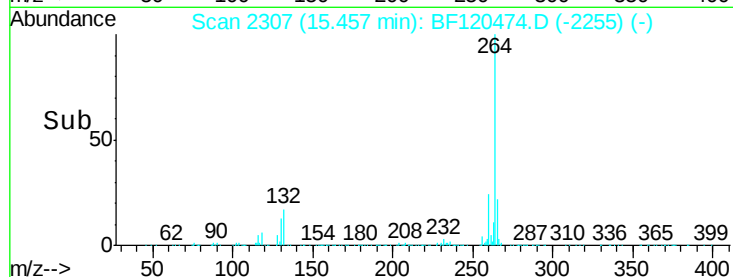
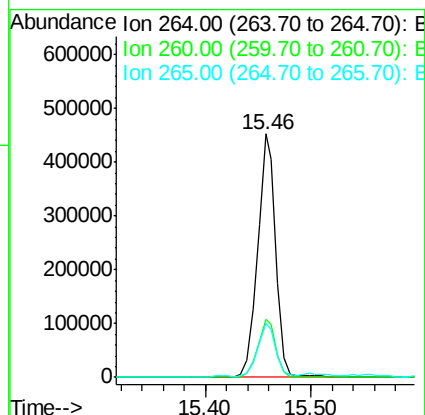
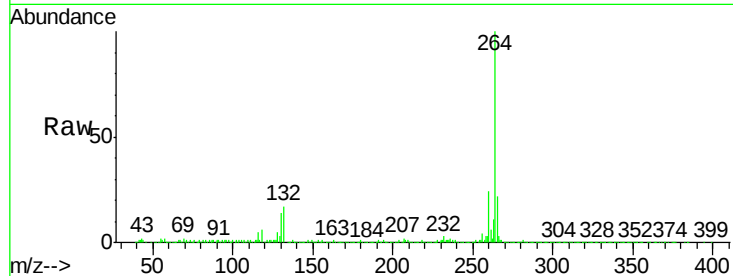
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 2307
Delta R.T. 0.01 min
Lab File: BF120474.D
Acq: 1 Jun 2020 16:39

Instrument :
BNA_F
ClientSampleId :
NM74-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.2	16.9	25.3

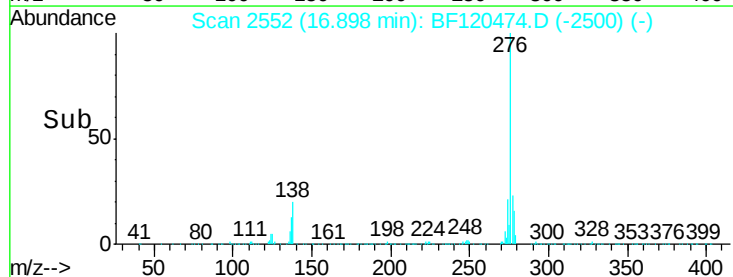
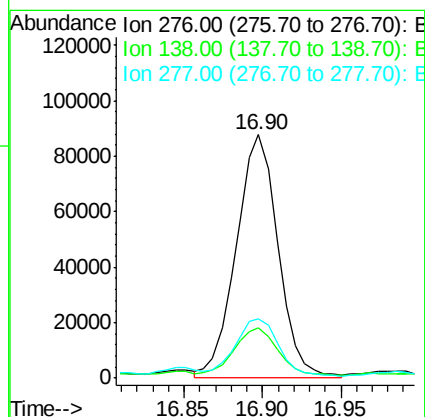
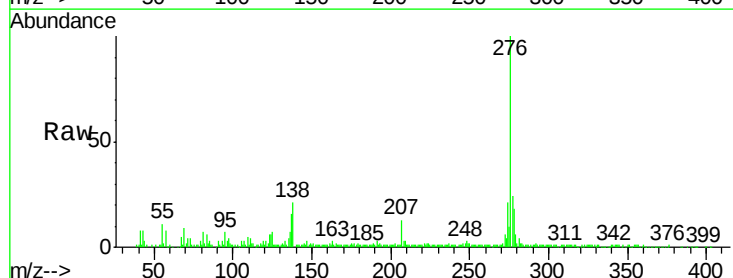
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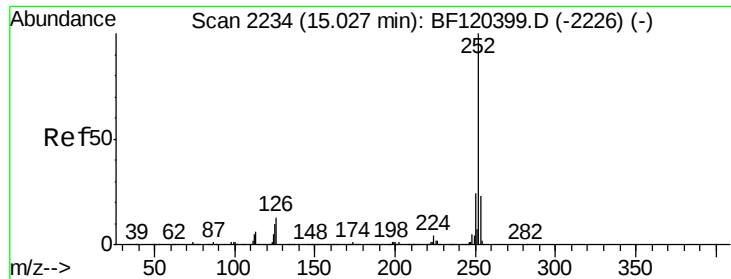
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#87
Indeno(1,2,3-cd)pyrene
Concen: 5.53 ng m
RT: 16.90 min Scan# 2552
Delta R.T. 0.01 min
Lab File: BF120474.D
Acq: 1 Jun 2020 16:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.1	20.4	30.6#
277	5.2	20.4	30.6#





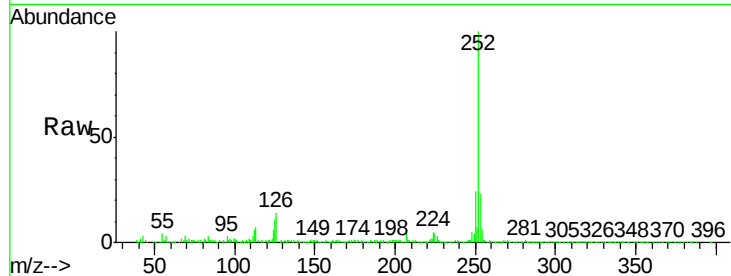
#88
Benzo(b)fluoranthene
Concen: 13.01 ng m
RT: 15.03 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF120474.D
Acq: 1 Jun 2020 16:39

Instrument :
BNA_F
ClientSampleId :
NM74-COMP-2020-0-6

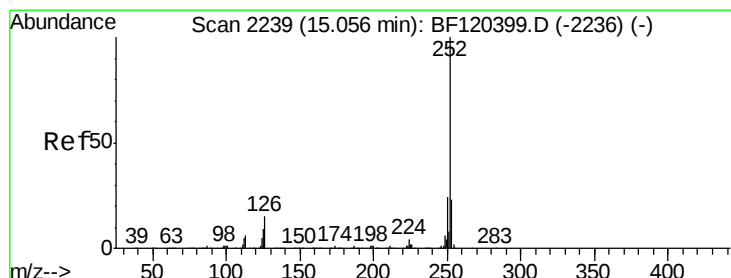
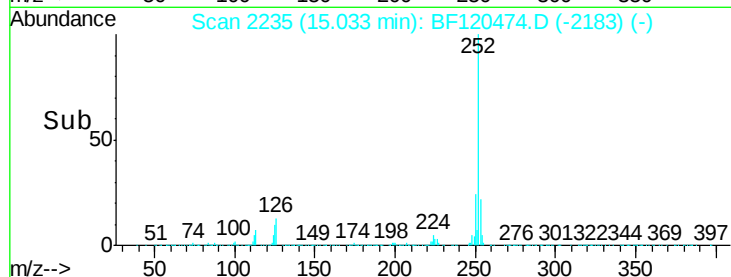
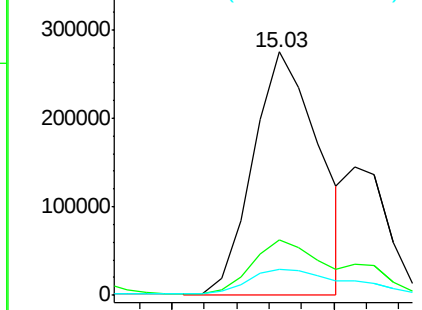
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	10.9	7.8	11.8

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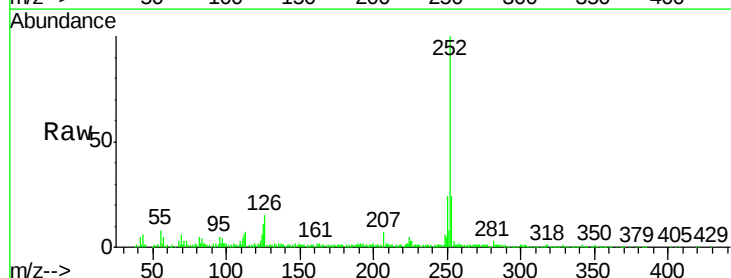


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

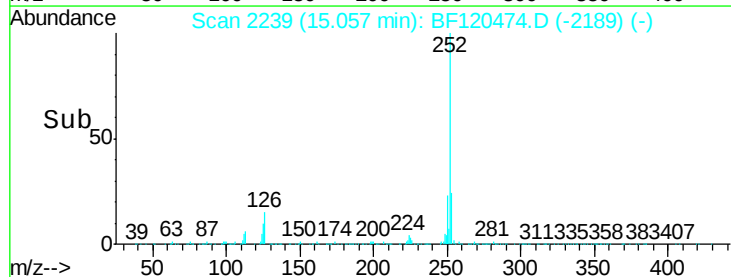
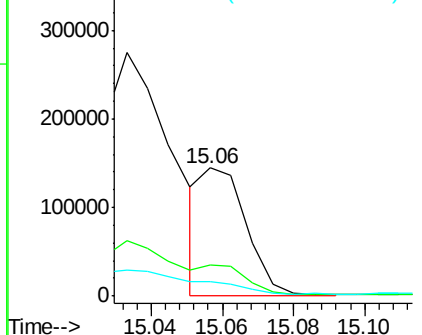


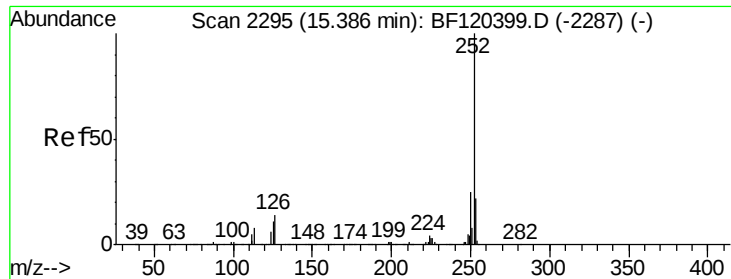
#89
Benzo(k)fluoranthene
Concen: 4.53 ng m
RT: 15.06 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF120474.D
Acq: 1 Jun 2020 16:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.5	27.7
125	11.3	8.0	12.0



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





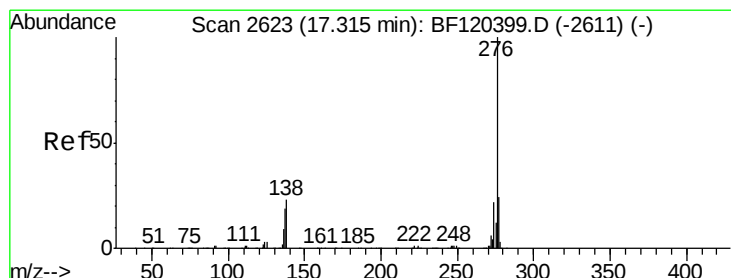
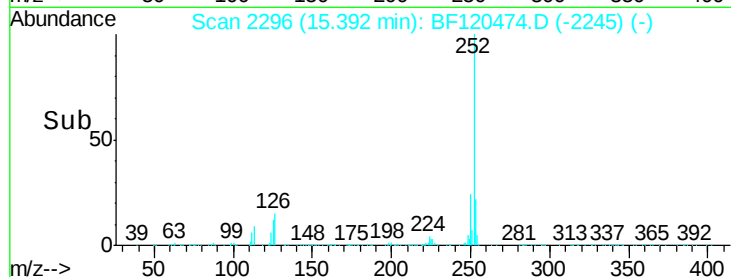
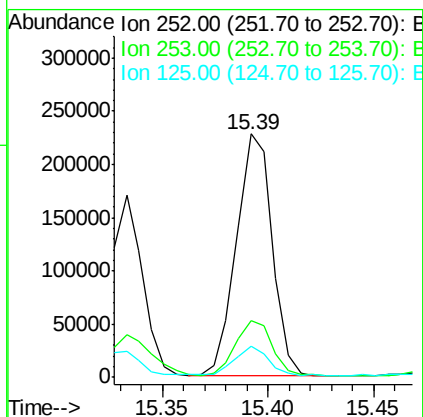
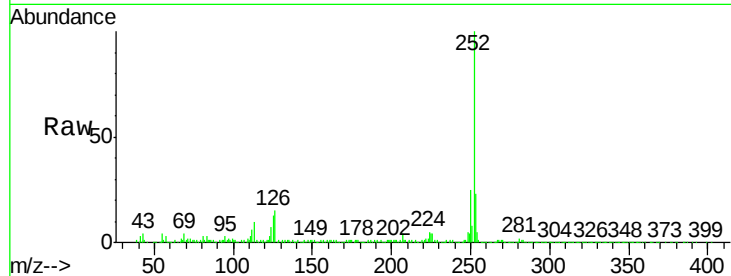
#90
Benzo(a)pyrene
Concen: 10.19 ng
RT: 15.39 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF120474.D
Acq: 1 Jun 2020 16:39

Instrument :
BNA_F
ClientSampleId :
NM74-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	268070		
253	23.2	17.4	26.0	
125	12.6	8.7	13.1	

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#92
Benzo(g,h,i)perylene
Concen: 6.22 ng
RT: 17.33 min Scan# 2626
Delta R.T. 0.01 min
Lab File: BF120474.D
Acq: 1 Jun 2020 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	148138		
277	23.2	19.5	29.3	
138	21.9	18.1	27.1	

