

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
 Data File : BF120543.D
 Acq On : 4 Jun 2020 19:45
 Operator : JU/CG
 Sample : L2839-10RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM24-COMP-2020-0-6RE

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Quant Time: Jun 05 04:23:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 16:38:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	204714	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	747138	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	349270	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	535017	20.00	ng	0.00
76) Chrysene-d12	14.00	240	411677	20.00	ng	0.00
86) Perylene-d12	15.45	264	338863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1078965	100.44	ng	0.00
7) Phenol-d6	6.46	99	1355142	102.35	ng	0.00
23) Nitrobenzene-d5	7.39	82	844022	73.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	310657	96.00	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1460278	70.94	ng	0.00
79) Terphenyl-d14	12.94	244	1251192	67.63	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	191167	8.755	ng	100
71) Phenanthrene	11.37	178	368699	15.640	ng	98
72) Anthracene	11.43	178	93390	3.948	ng	97
75) Fluoranthene	12.57	202	735355	28.989	ng	98
78) Pyrene	12.80	202	696178	24.317	ng	98
81) Benzo(a)anthracene	13.99	228	419253	19.002	ng	97
83) Chrysene	14.02	228	391517	16.926	ng	97
87) Indeno(1,2,3-cd)pyrene	16.90	276	158946	8.576	ng	95
88) Benzo(b)fluoranthene	15.03	252	423218m	22.486	ng	
89) Benzo(k)fluoranthene	15.06	252	150406m	8.560	ng	
90) Benzo(a)pyrene	15.39	252	288752	17.539	ng	99
91) Dibenzo(a,h)anthracene	16.91	278	41164	2.724	ng	# 92
92) Benzo(a,h,i)perylene	17.33	276	147372	9.889	ng	99

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

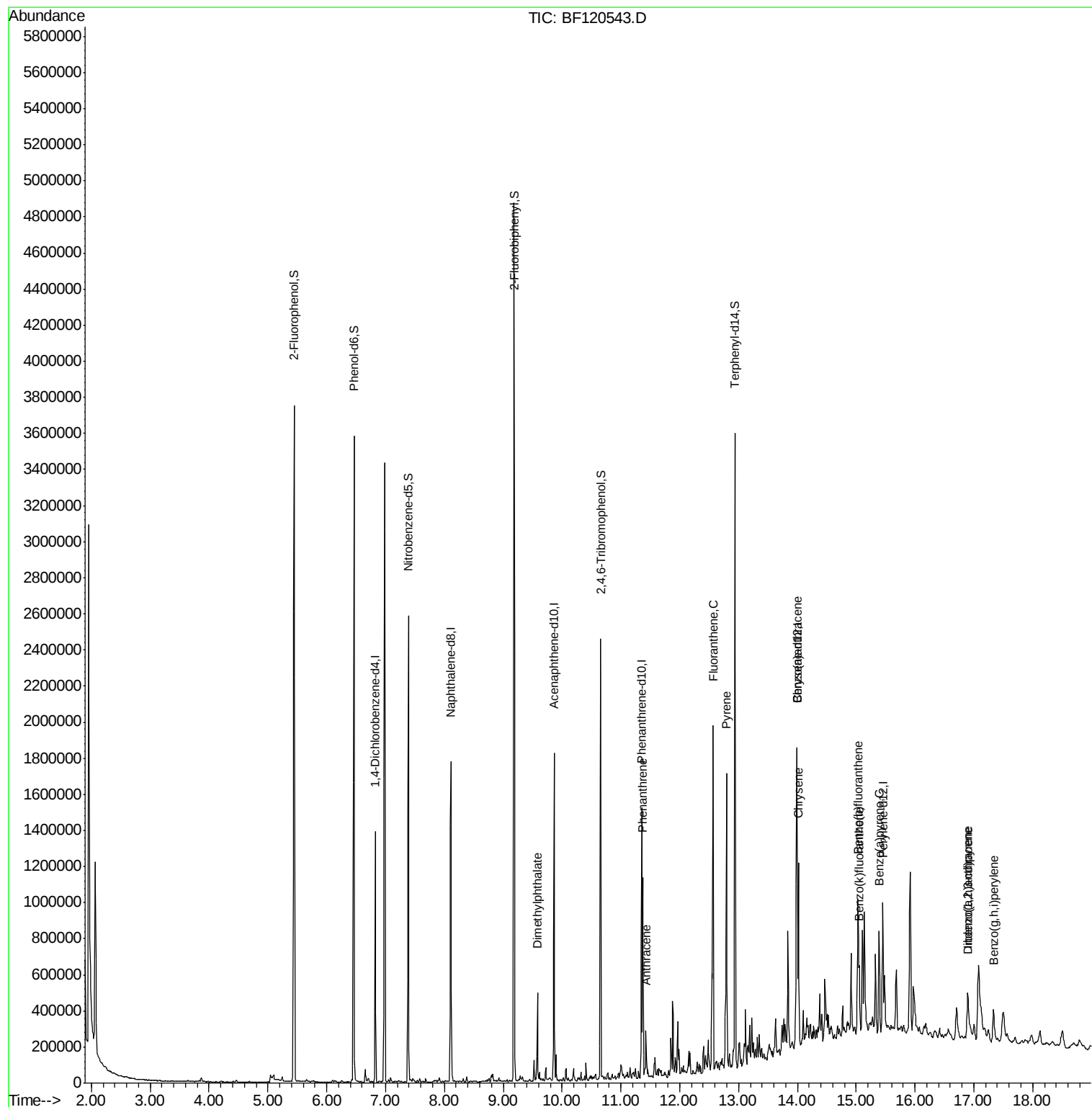
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
Data File : BF120543.D
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Quant Time: Jun 05 04:23:27 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

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#1

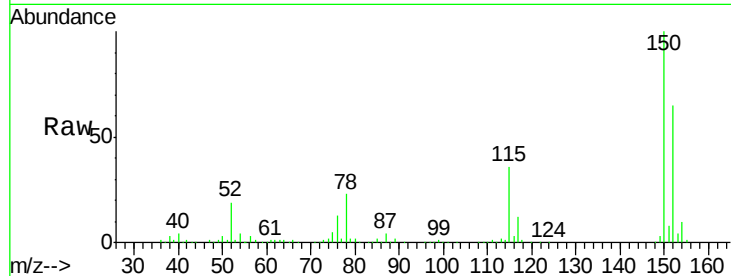
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF120543.D
Acq: 4 Jun 2020 19:45

Instrument :
BNA_F
ClientSampleId :
NM24-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.3	189.5
115	56.4	48.1	72.1

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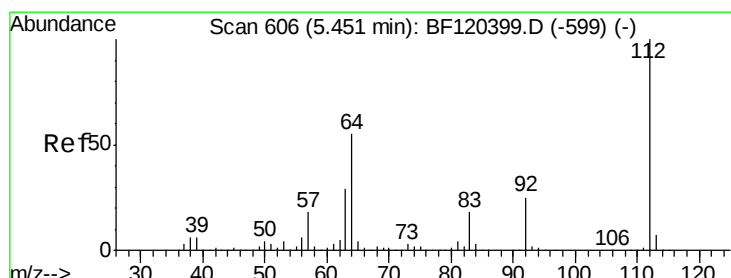
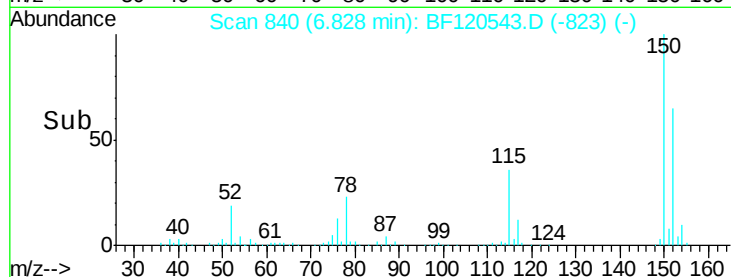
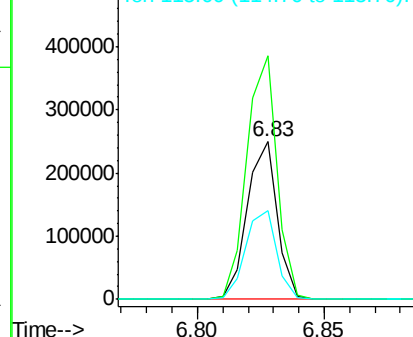


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

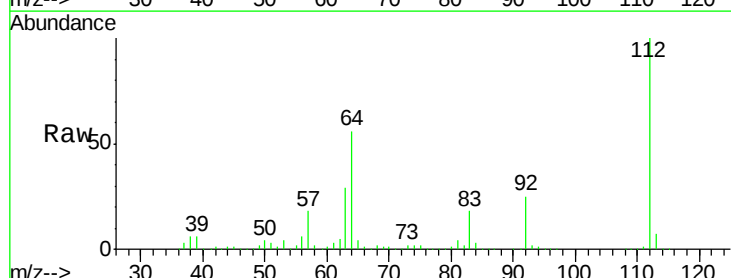
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.444 ng
RT: 5.45 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF120543.D
Acq: 4 Jun 2020 19:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.2	70.8
63	29.1	24.7	37.1

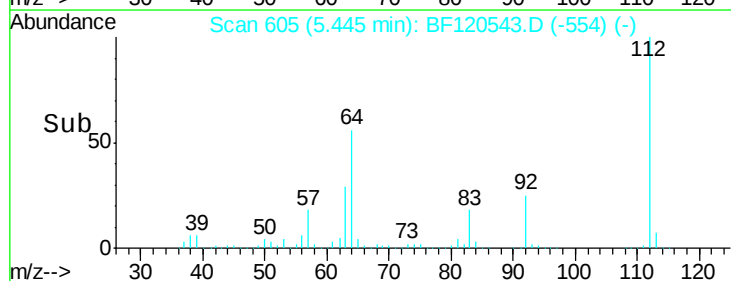
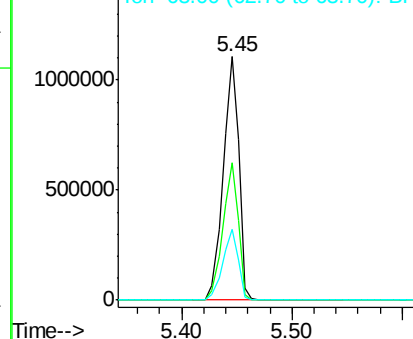


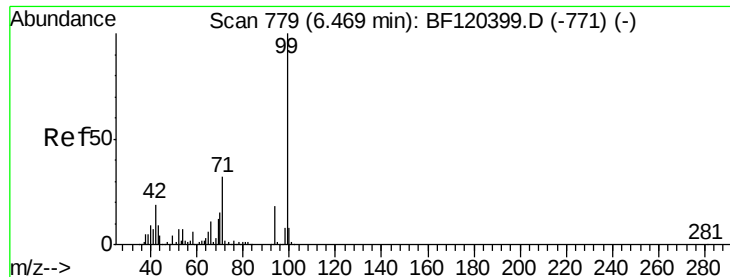
Abundance

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: 102.351 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120543.D

Acq: 4 Jun 2020 19:45

Instrument :

BNA_F

ClientSampleId :

NM24-COMP-2020-0-6RE

Tot Ion: 99 Resp: 1355142

Ion Ratio Lower Upper

99 100

42 18.2 15.0 22.6

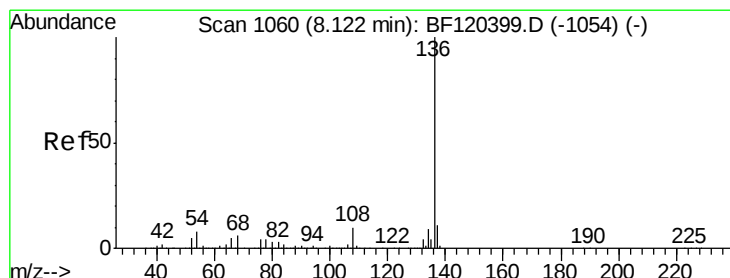
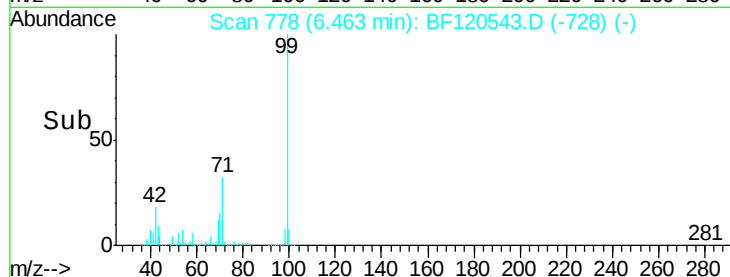
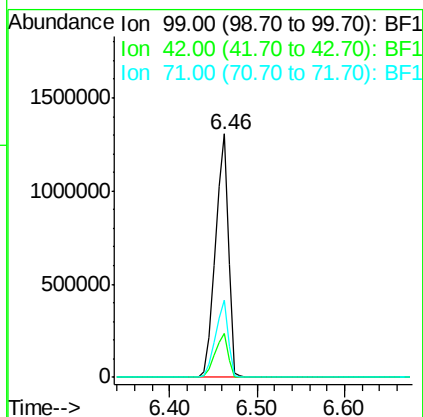
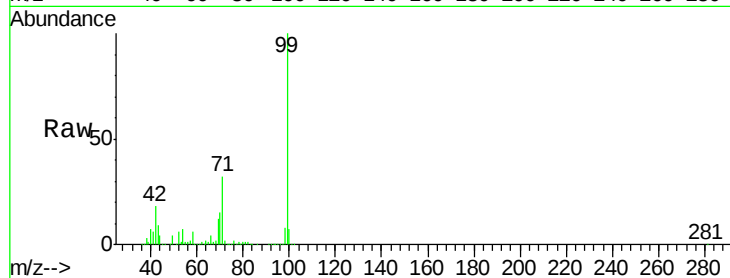
71 32.0 27.0 40.4

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF120543.D

Acq: 4 Jun 2020 19:45

Tgt Ion: 136 Resp: 747138

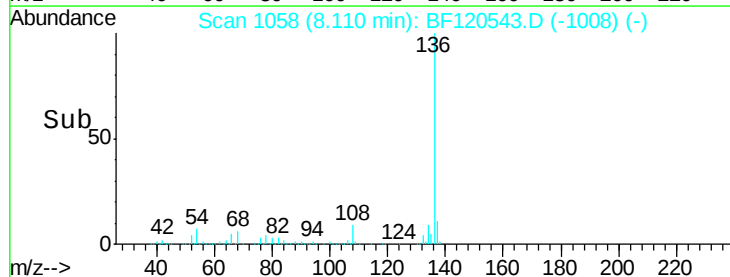
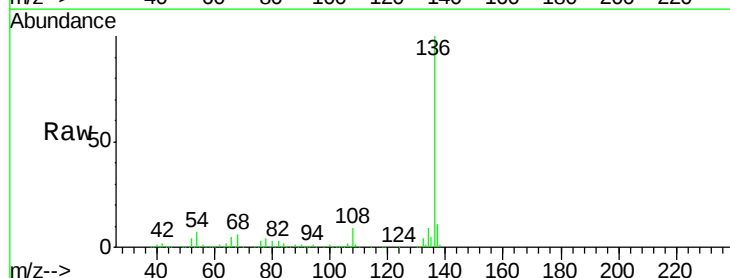
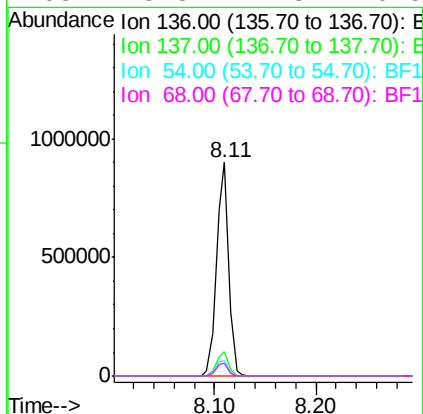
Ion Ratio Lower Upper

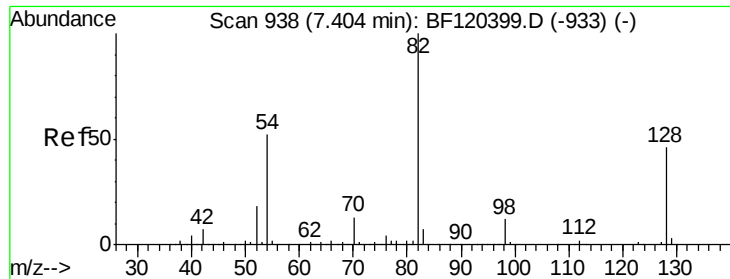
136 100

137 11.2 8.8 13.2

54 7.3 5.4 8.0

68 5.8 4.3 6.5





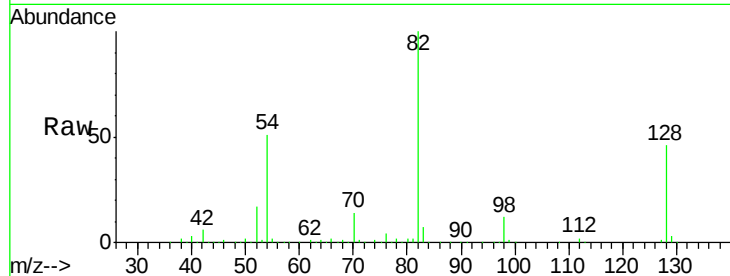
#23
 Nitrobenzene-d5
 Concen: 73.895 ng
 RT: 7.39 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF120543.D
 Acq: 4 Jun 2020 19:45

Instrument :
 BNA_F
 ClientSampleId :
 NM24-COMP-2020-0-6RE

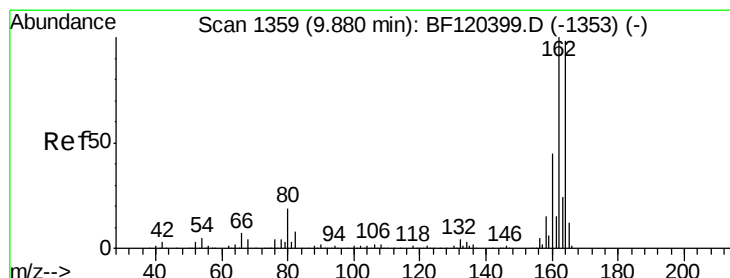
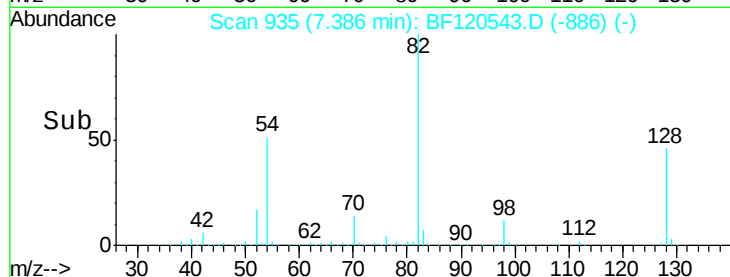
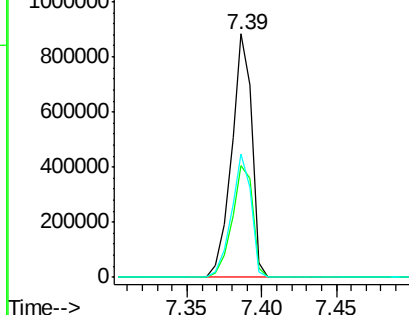
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.7	55.1
54	50.8	40.0	60.0

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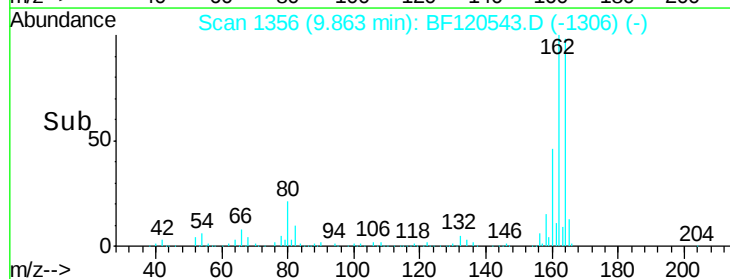
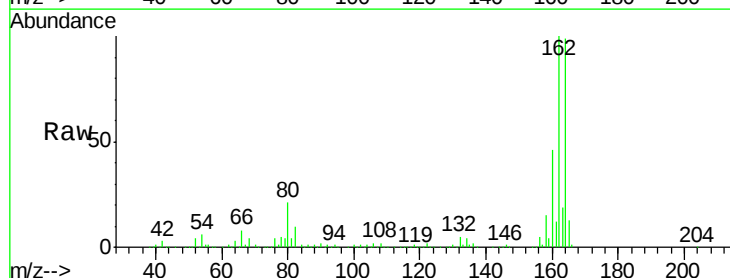
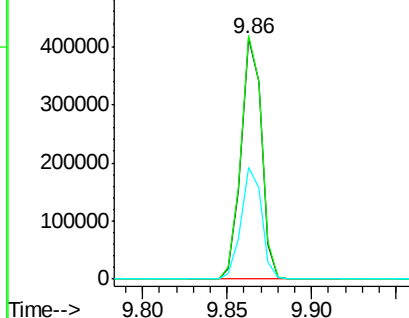
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF120543.D
 Acq: 4 Jun 2020 19:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.2	121.8
160	46.5	37.0	55.4

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





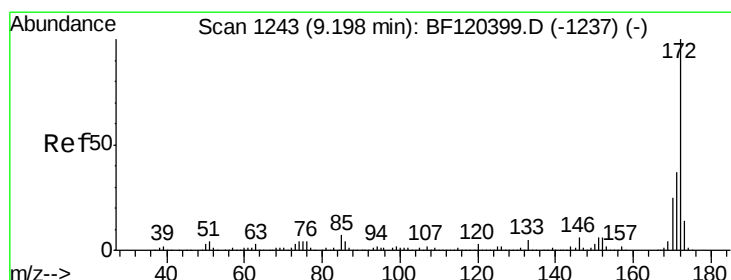
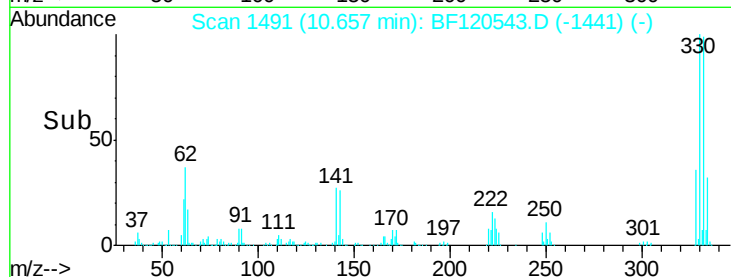
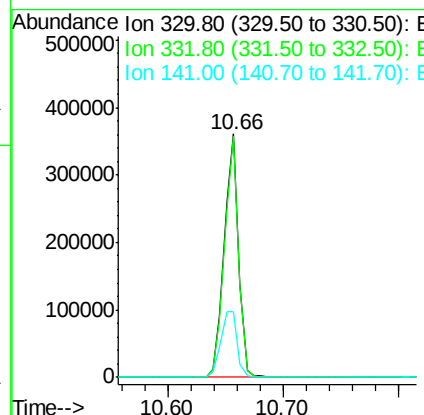
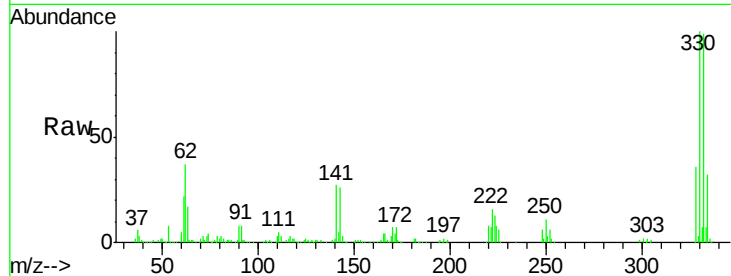
#42
 2,4,6-Tribromophenol
 Concen: 95.996 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120543.D
 Acq: 4 Jun 2020 19:45

Instrument :
 BNA_F
 ClientSampleId :
 NM24-COMP-2020-0-6RE

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.5	77.0	115.4	
141	31.2	23.8	35.8	

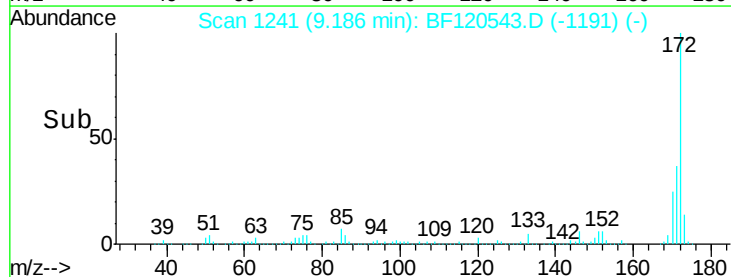
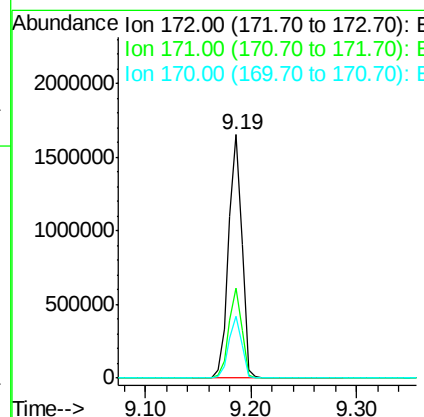
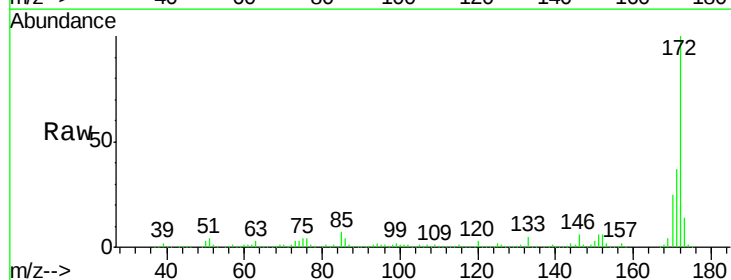
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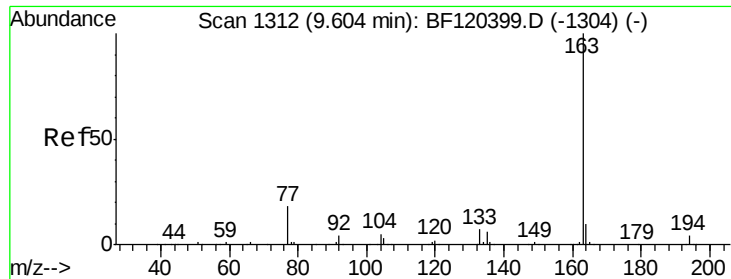
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#45
 2-Fluorobiphenyl
 Concen: 70.938 ng
 RT: 9.19 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF120543.D
 Acq: 4 Jun 2020 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.9	29.5	44.3	
170	25.3	19.8	29.6	





#50

Dimethylphthalate

Concen: 8.755 ng

RT: 9.58 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF120543.D

Acq: 4 Jun 2020 19:45

Instrument :

BNA_F

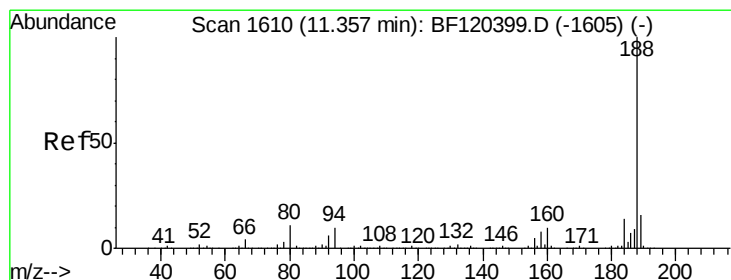
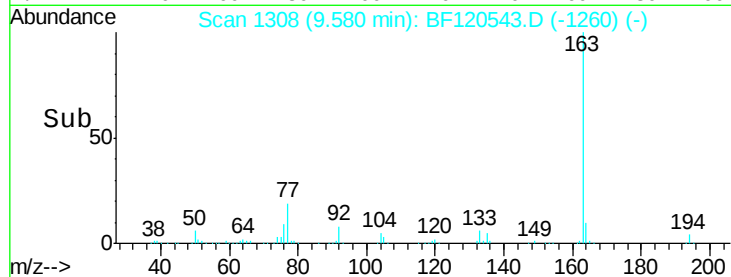
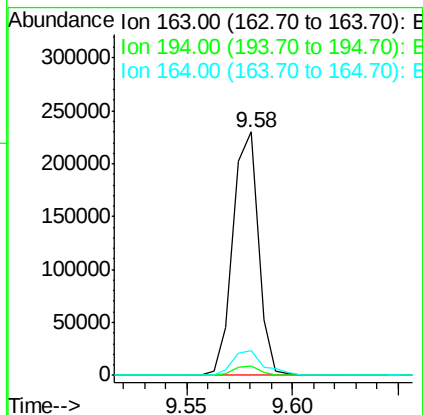
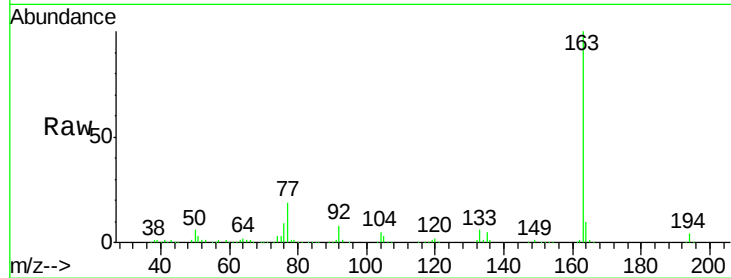
ClientSampleId :

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Tot Ion:	163	Resp:	191167
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.1	4.7
164	10.2	8.0	12.0

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#64

Phenanthrene-d10

Concen: 20.000 ng

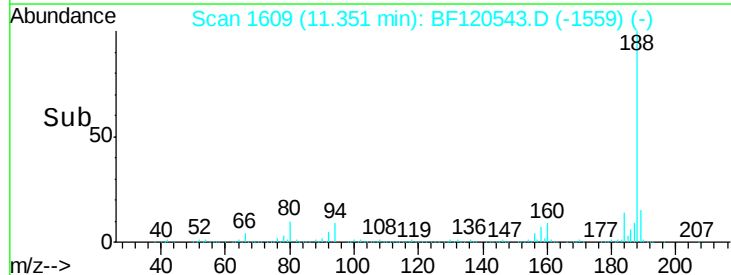
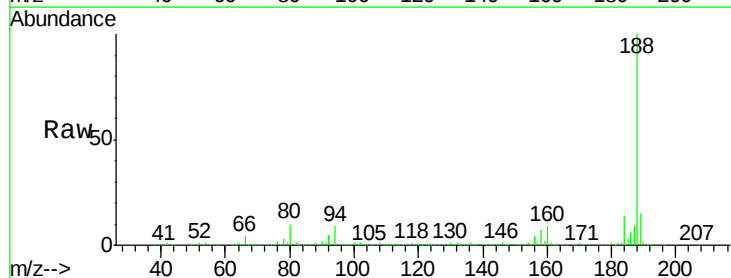
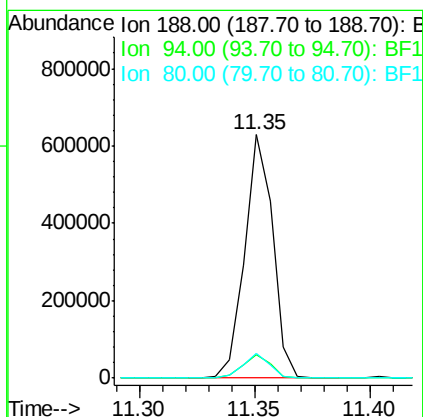
RT: 11.35 min Scan# 1609

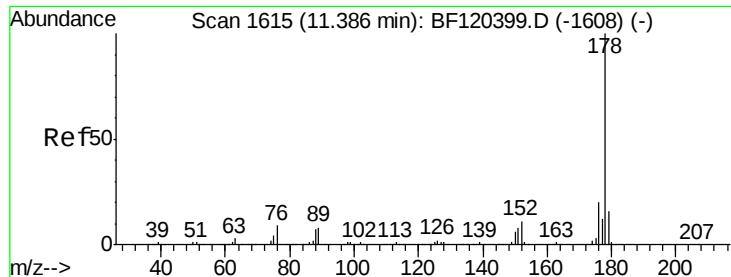
Delta R.T. -0.01 min

Lab File: BF120543.D

Acq: 4 Jun 2020 19:45

Tgt Ion:	188	Resp:	535017
Ion Ratio	Lower	Upper	
188	100		
94	9.4	7.4	11.2
80	10.2	7.6	11.4





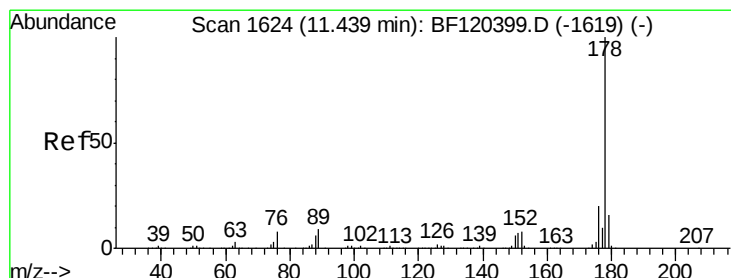
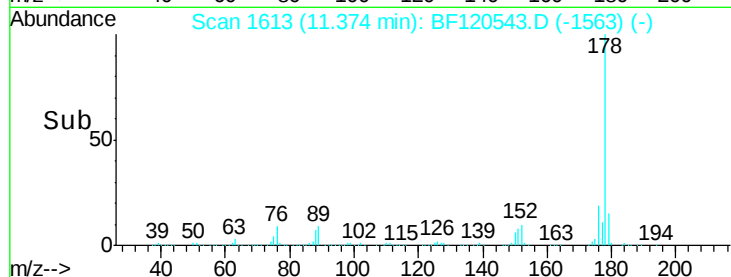
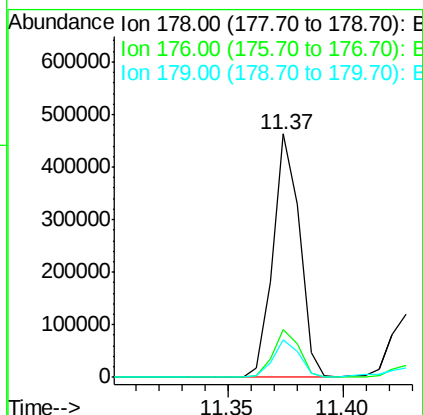
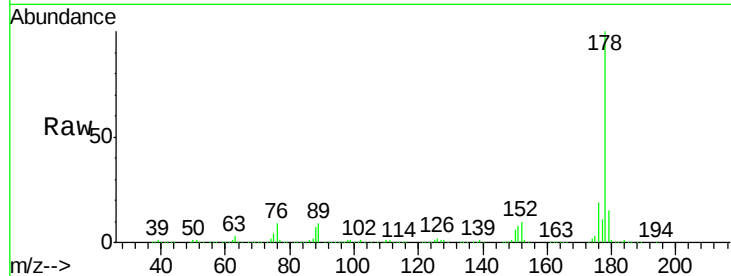
#71
Phenanthrene
Concen: 15.640 ng
RT: 11.37 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BF120543.D
Acq: 4 Jun 2020 19:45

Instrument :
BNA_F
ClientSampleId :
NM24-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.2
179	15.3	12.8	19.2

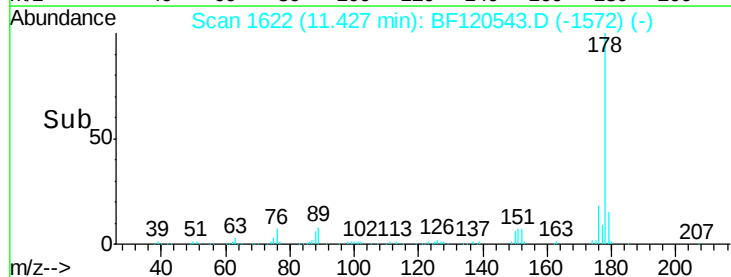
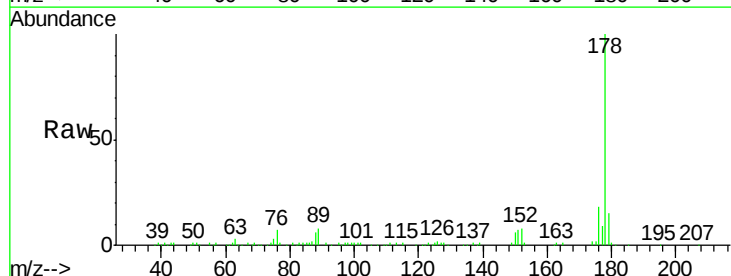
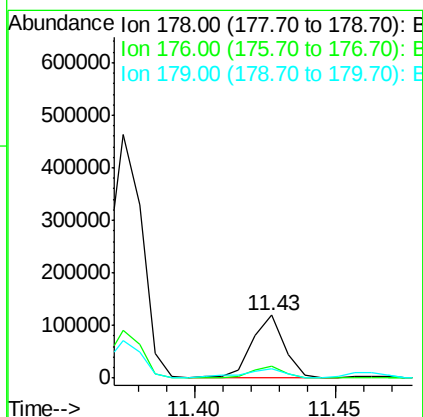
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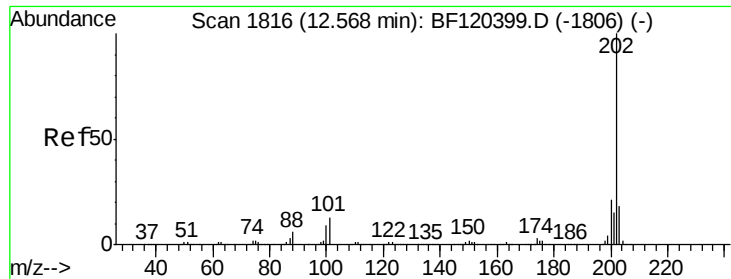
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#72
Anthracene
Concen: 3.948 ng
RT: 11.43 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF120543.D
Acq: 4 Jun 2020 19:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.6
179	15.0	12.9	19.3





#75

Fluoranthene

Concen: 28.989 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BF120543.D

Acq: 4 Jun 2020 19:45

Instrument :

BNA_F

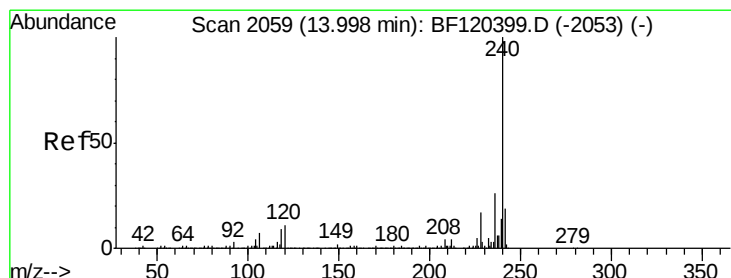
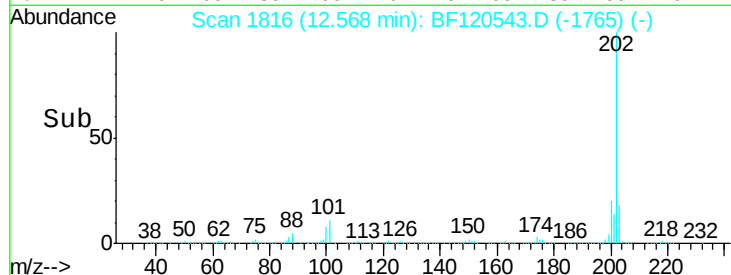
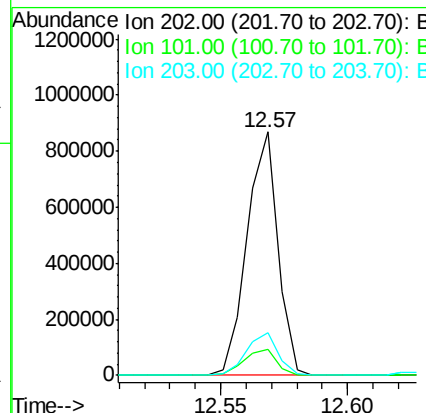
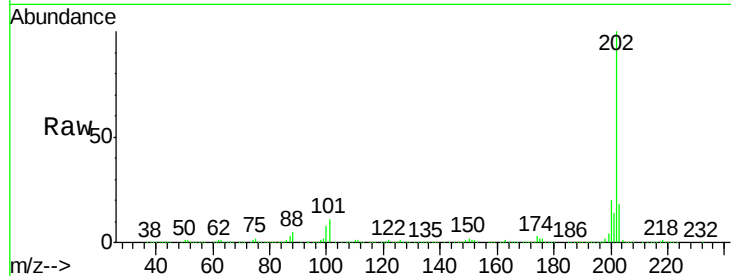
ClientSampleId :

NM24-COMP-2020-0-6RE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	0.0	31.3
203	17.7	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

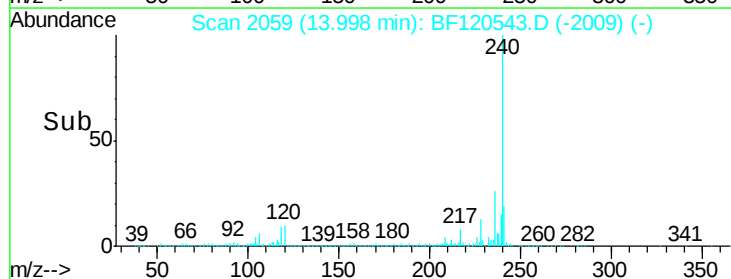
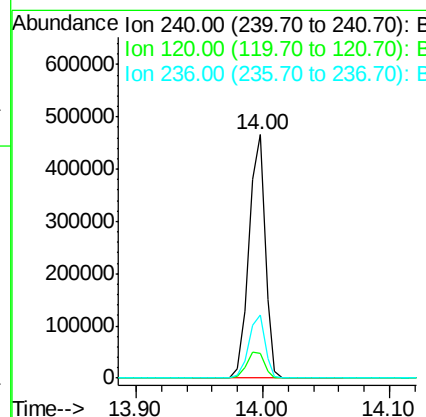
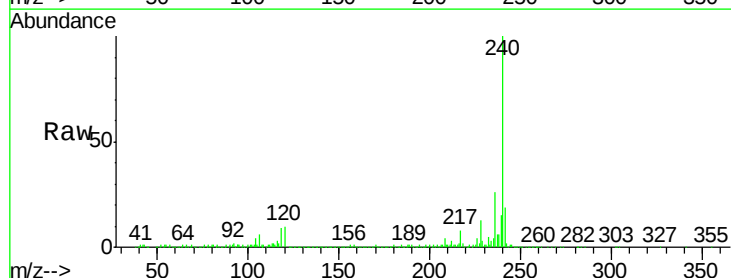
RT: 14.00 min Scan# 2059

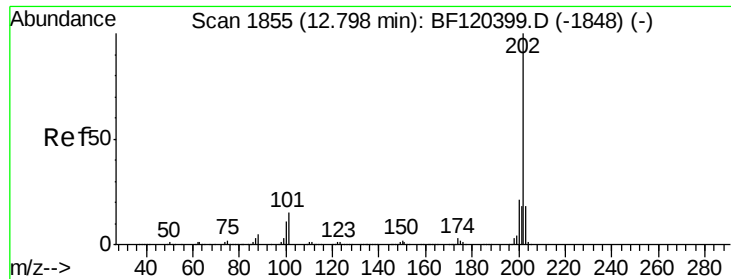
Delta R.T. -0.01 min

Lab File: BF120543.D

Acq: 4 Jun 2020 19:45

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.2	7.7	11.5
236	25.7	20.8	31.2





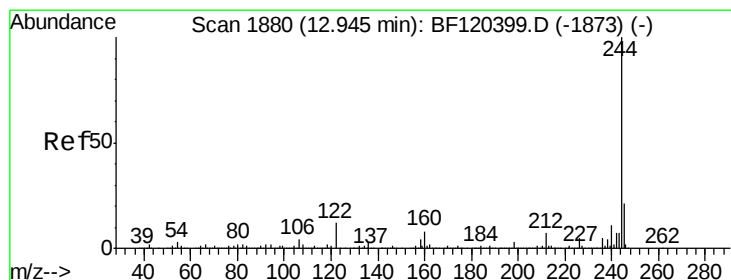
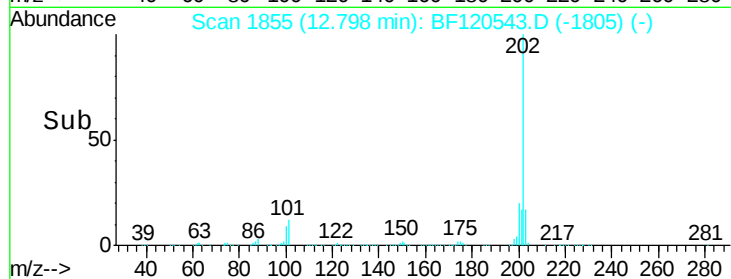
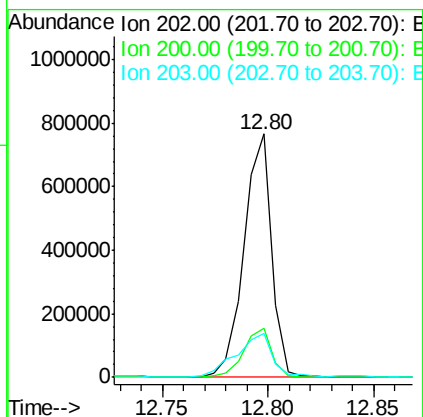
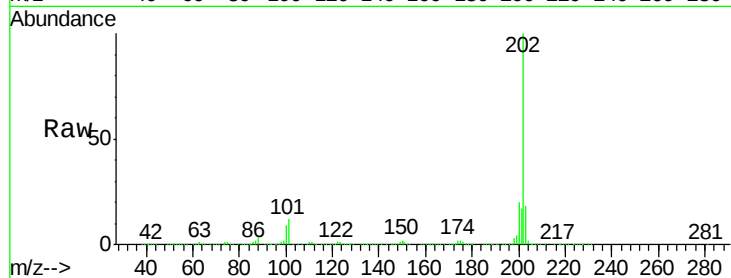
#78
Pvrene
Concen: 24.317 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF120543.D
Acq: 4 Jun 2020 19:45

Instrument :
BNA_F
ClientSampleId :
NM24-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.0	25.6
203	17.9	14.2	21.2

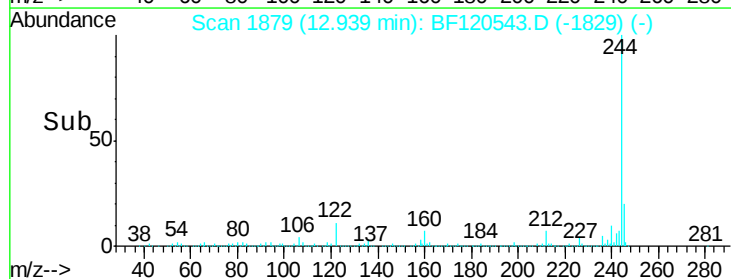
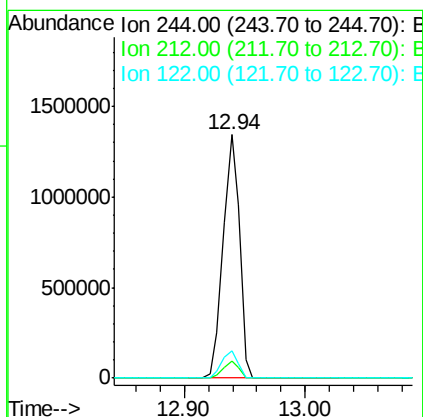
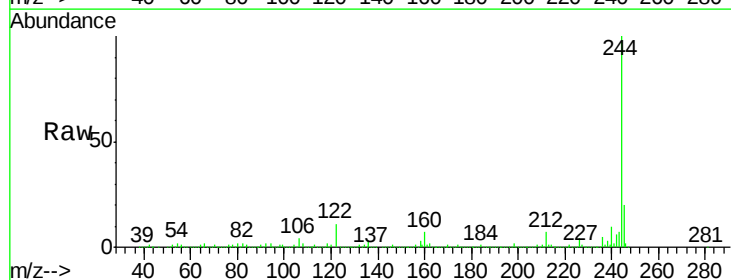
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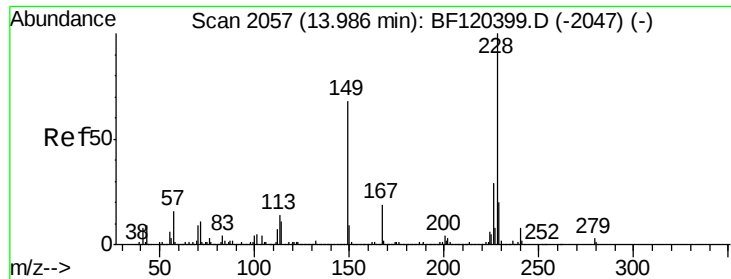
mohammad
6/5/2020 11:58:04 AM



#79
Terphenyl-d14
Concen: 67.631 ng
RT: 12.94 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BF120543.D
Acq: 4 Jun 2020 19:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	11.4	8.0	12.0





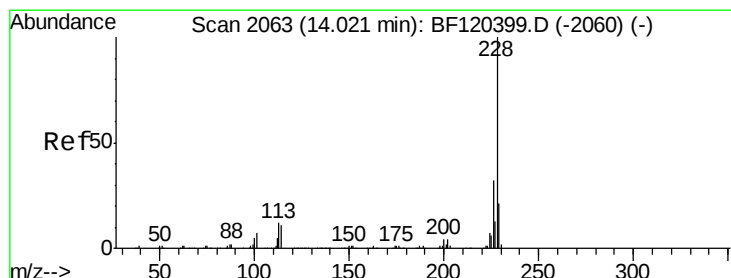
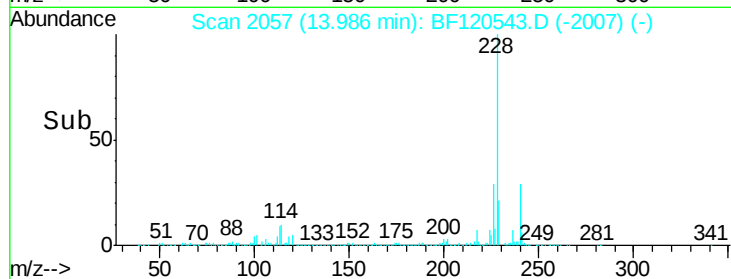
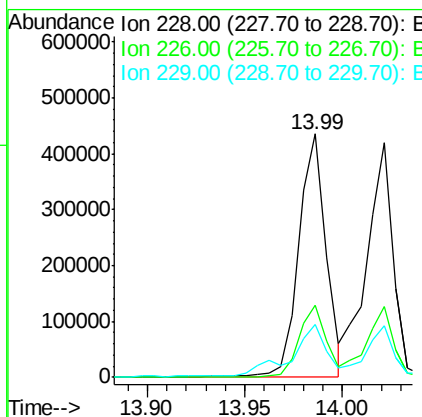
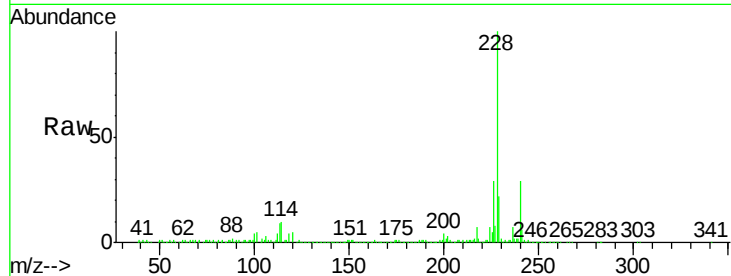
#81
Benzo(a)anthracene
Concen: 19.002 ng
RT: 13.99 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BF120543.D
Acq: 4 Jun 2020 19:45

Instrument :
BNA_F
ClientSampleId :
NM24-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.4	33.6
229	21.5	16.2	24.2

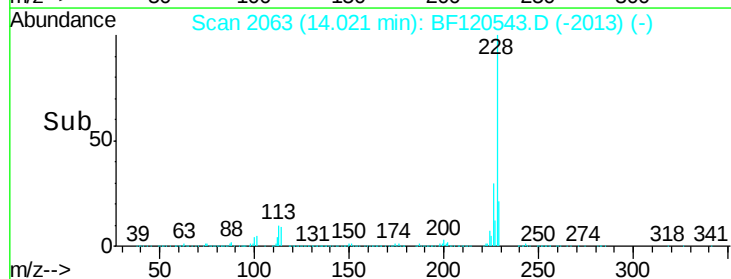
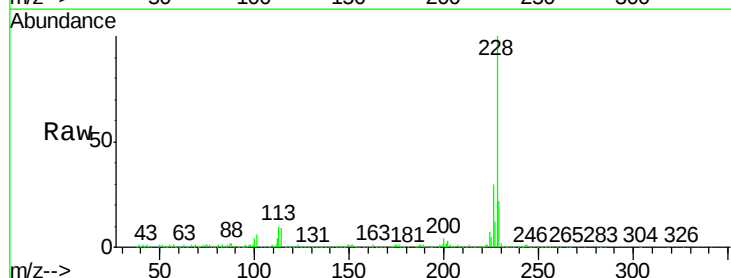
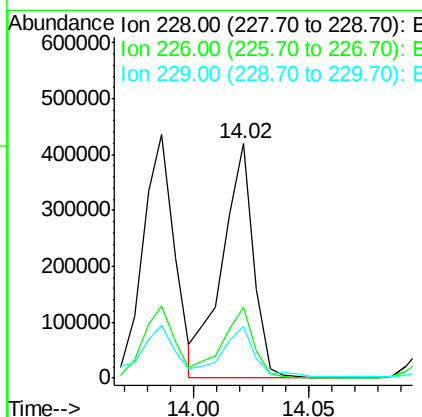
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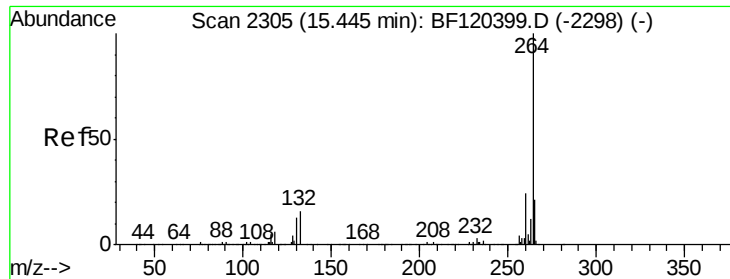
mohammad
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#83
Chrysene
Concen: 16.926 ng
RT: 14.02 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BF120543.D
Acq: 4 Jun 2020 19:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.6	38.4
229	22.0	16.2	24.2





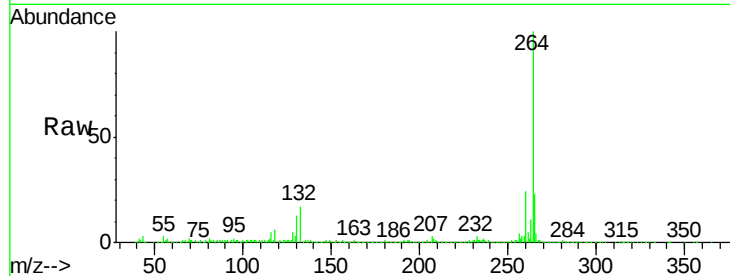
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BF120543.D
Acq: 4 Jun 2020 19:45

Instrument :
BNA_F
ClientSampleId :
NM24-COMP-2020-0-6RE

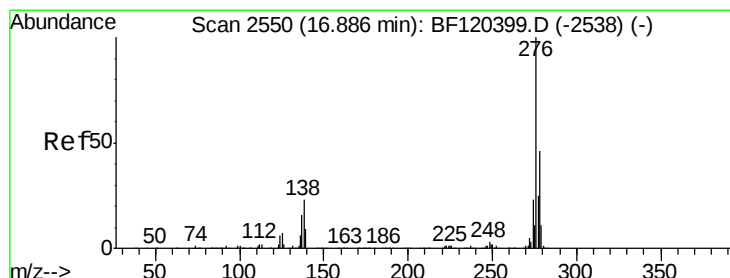
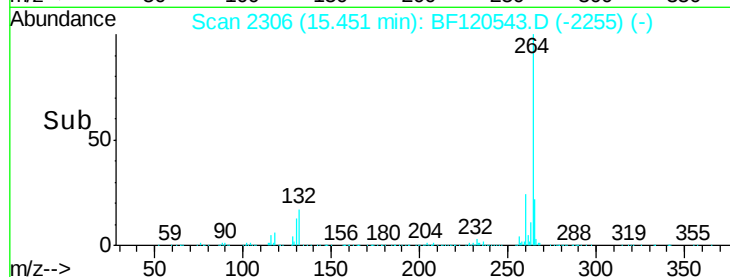
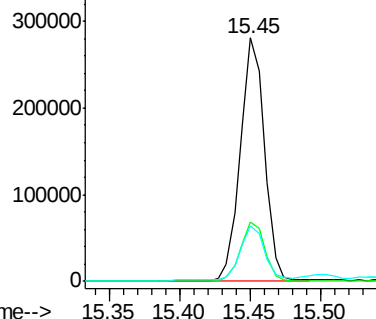
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.6	17.5	26.3

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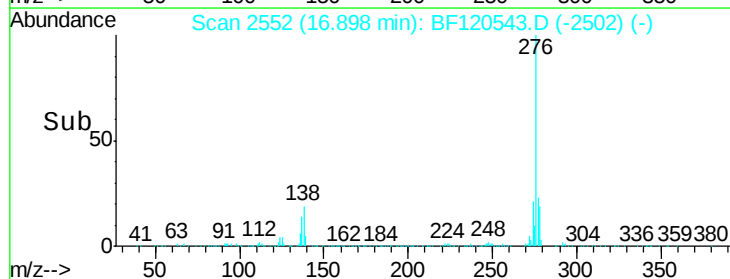
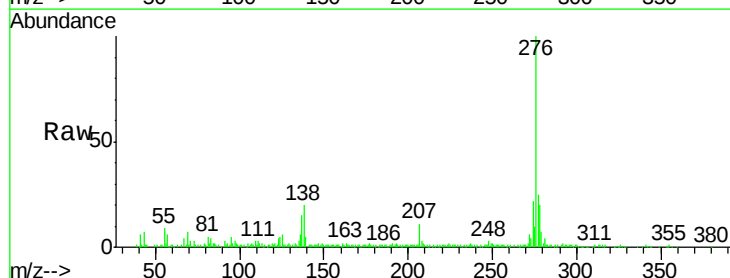
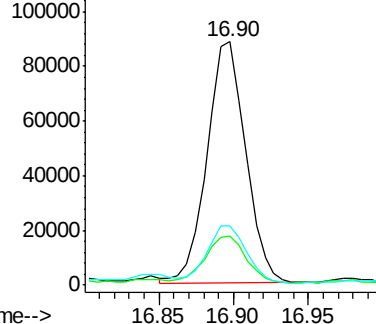
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

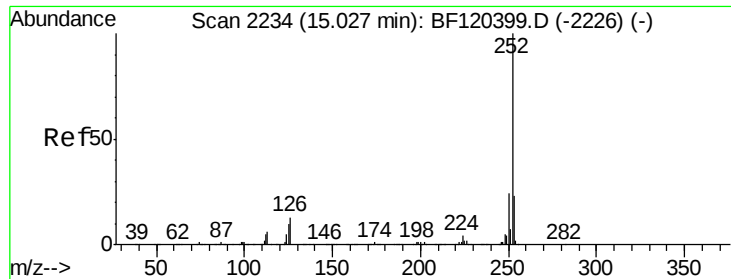


#87
Indeno(1,2,3-cd)pyrene
Concen: 8.576 ng
RT: 16.90 min Scan# 2552
Delta R.T. -0.01 min
Lab File: BF120543.D
Acq: 4 Jun 2020 19:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	19.2	28.8
277	24.4	20.3	30.5

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





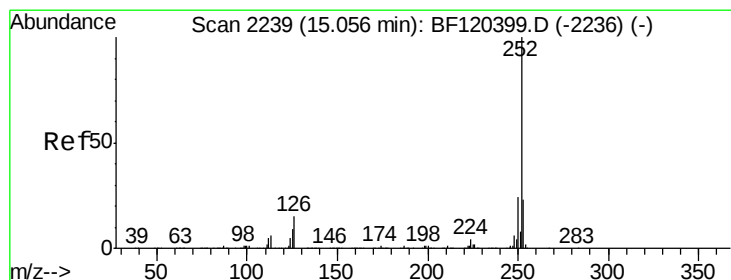
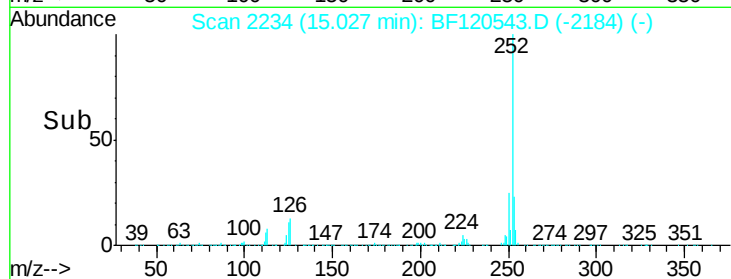
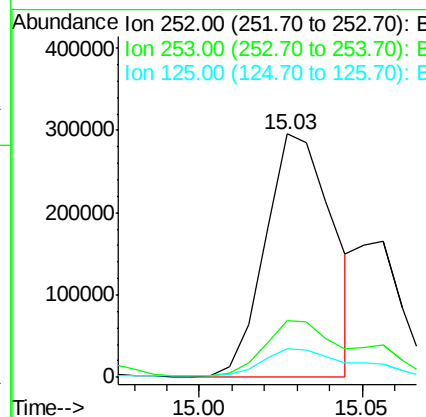
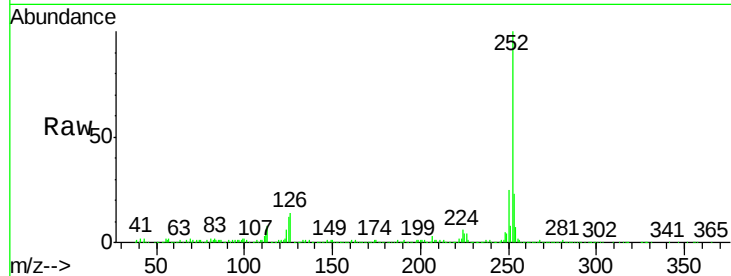
#88
Benzo(b)fluoranthene
Concen: 22.486 ng m
RT: 15.03 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF120543.D
Acq: 4 Jun 2020 19:45

Instrument :
BNA_F
ClientSampleId :
NM24-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	11.6	8.3	12.5

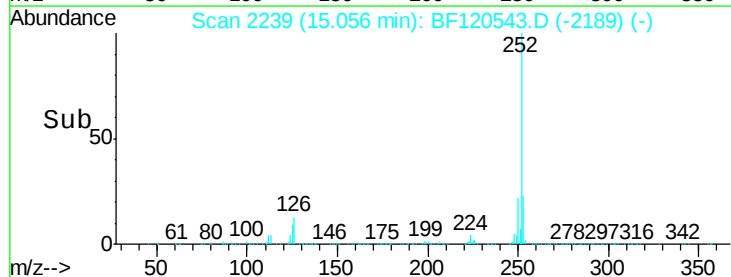
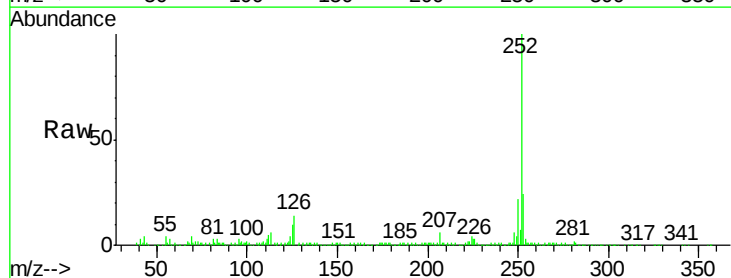
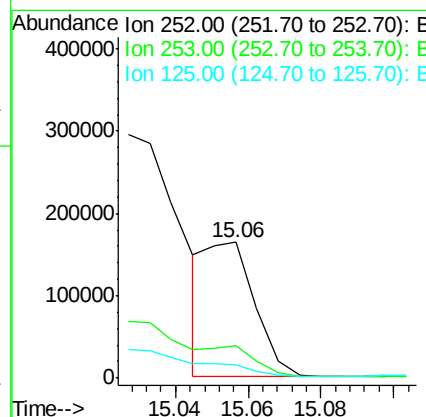
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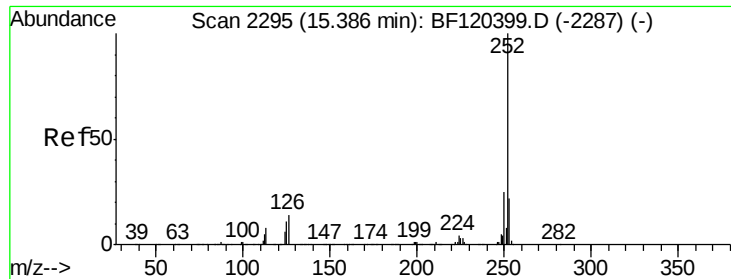
mohammad
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#89
Benzo(k)fluoranthene
Concen: 8.560 ng m
RT: 15.06 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF120543.D
Acq: 4 Jun 2020 19:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	9.8	8.6	13.0





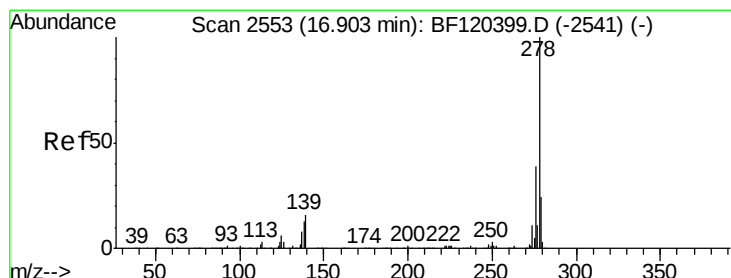
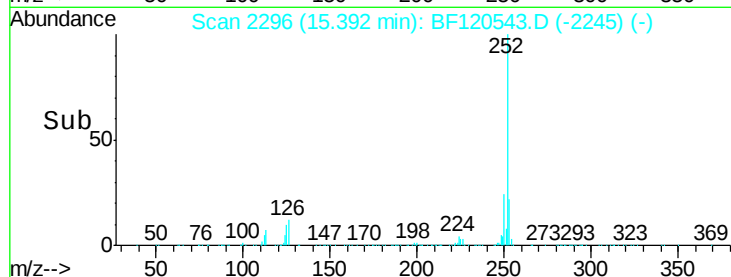
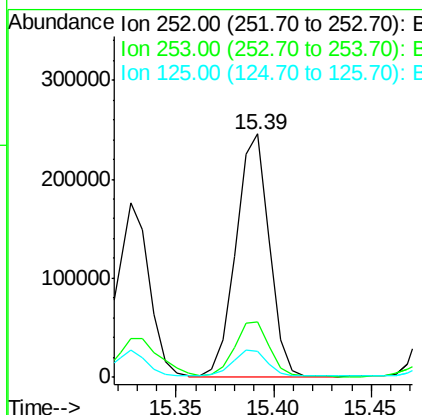
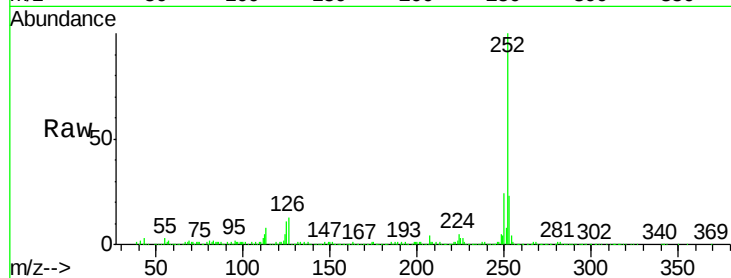
#90
Benzo(a)pyrene
Concen: 17.539 ng
RT: 15.39 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BF120543.D
Acq: 4 Jun 2020 19:45

Instrument :
BNA_F
ClientSampleId :
NM24-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	10.6	9.6	14.4

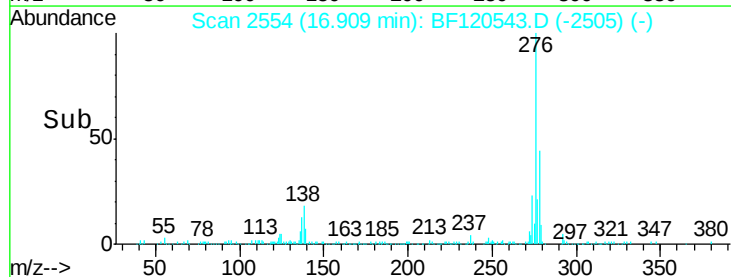
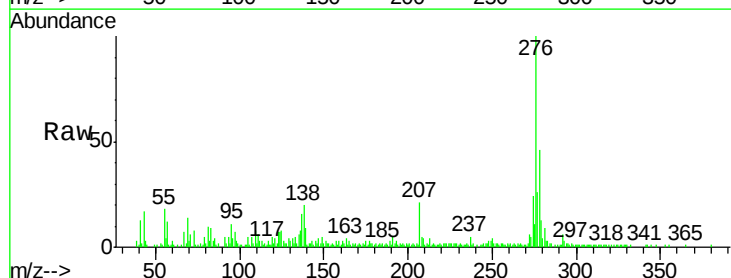
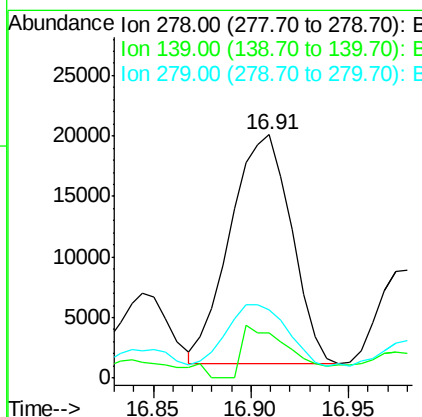
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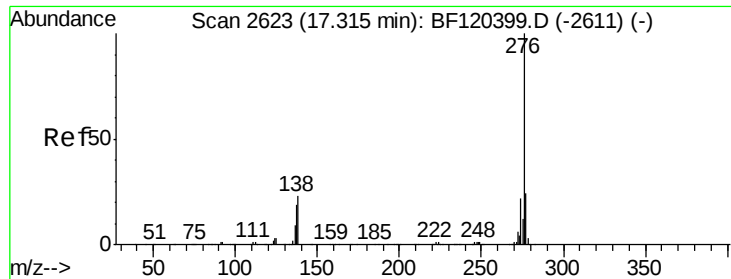
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#91
Dibenzo(a,h)anthracene
Concen: 2.724 ng
RT: 16.91 min Scan# 2554
Delta R.T. -0.01 min
Lab File: BF120543.D
Acq: 4 Jun 2020 19:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	12.4	18.6#
279	28.0	19.4	29.0





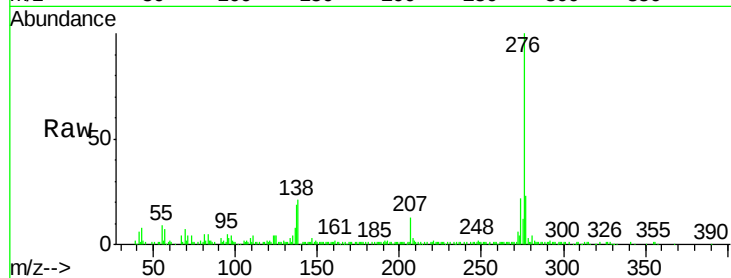
#92
 Benzo(a,h,i)perylene
 Concen: 9.889 ng
 RT: 17.33 min Scan# 2626
 Delta R.T. -0.01 min
 Lab File: BF120543.D
 Acq: 4 Jun 2020 19:45

Instrument :
 BNA_F
 ClientSampleId :
 NM24-COMP-2020-0-6RE

Tot Ion:	276	Resp:	147372
Ion Ratio	Lower	Upper	
276	100		
277	23.0	19.3	28.9
138	20.9	16.9	25.3

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

