

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
 Data File : BF120538.D
 Acq On : 4 Jun 2020 17:24
 Operator : JU/CG
 Sample : L2839-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM20-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 04 18:59:27 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	163869	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	547159	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	370562	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	608391	20.00	ng	0.00
76) Chrysene-d12	13.99	240	469045	20.00	ng	-0.01
86) Perylene-d12	15.45	264	442411	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	857780	99.76	ng	0.00
7) Phenol-d6	6.46	99	1015863	95.85	ng	0.00
23) Nitrobenzene-d5	7.39	82	712347	85.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	330817	96.35	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1429603	65.46	ng	0.00
79) Terphenyl-d14	12.95	244	1462987	69.41	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	291063	12.564	ng	Qvalue 100
71) Phenanthrene	11.37	178	114331	4.265	ng	98
75) Fluoranthene	12.56	202	277938	9.635	ng	99
78) Pyrene	12.79	202	263907	8.090	ng	98
81) Benzo(a)anthracene	13.98	228	143084	5.692	ng	97
83) Chrysene	14.02	228	137687	5.224	ng	97
87) Indeno(1,2,3-cd)pyrene	16.89	276	72282	2.987	ng	97
88) Benzo(b)fluoranthene	15.03	252	188145m	7.657	ng	
89) Benzo(k)fluoranthene	15.05	252	51413m	2.241	ng	
90) Benzo(a)pyrene	15.39	252	118303	5.504	ng	99
92) Benzo(g,h,i)perylene	17.33	276	67127	3.450	ng	98

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

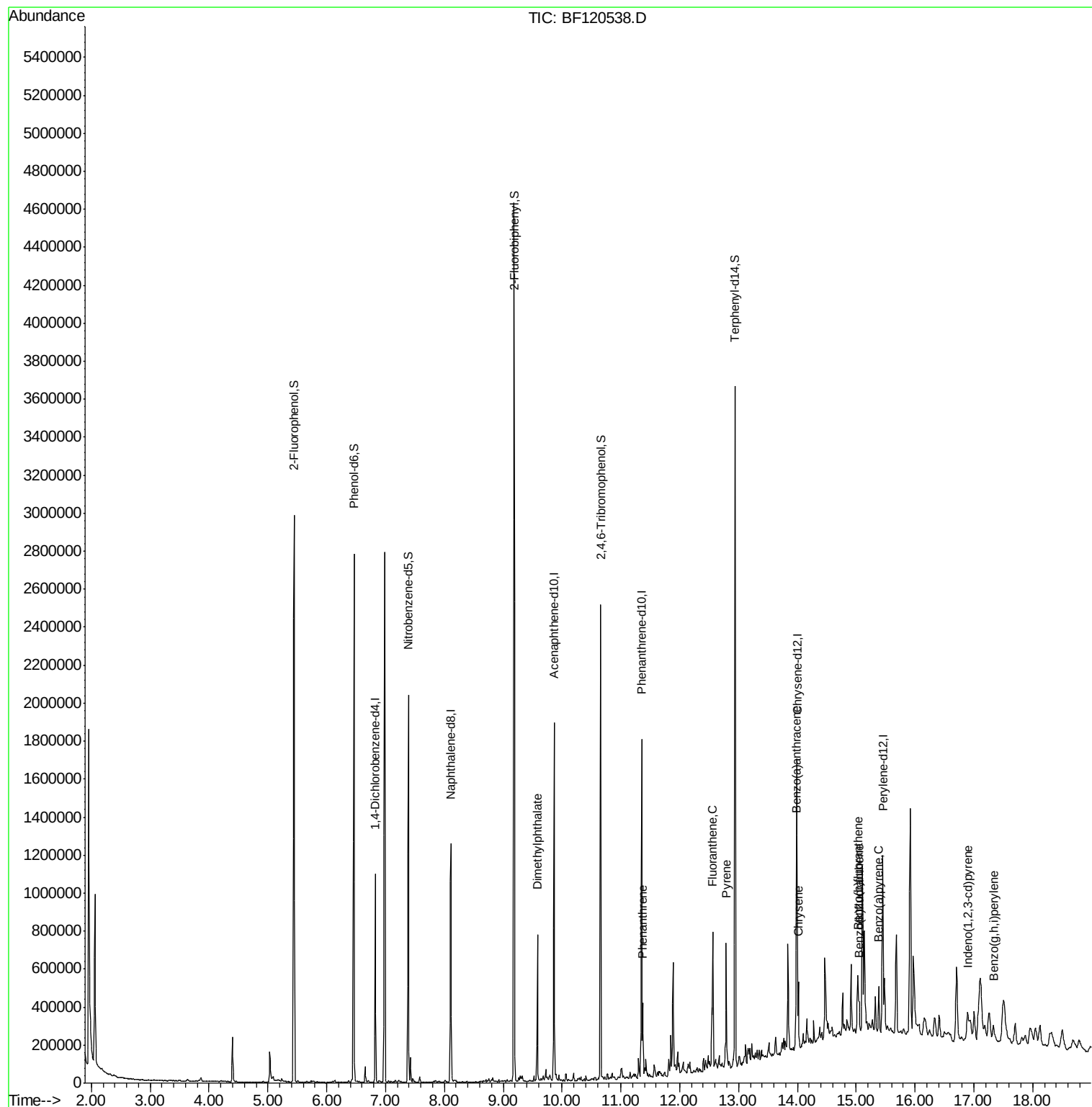
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
Data File : BF120538.D
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Sample : L2839-19
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ALS Vial : 11 Sample Multiplier: 1

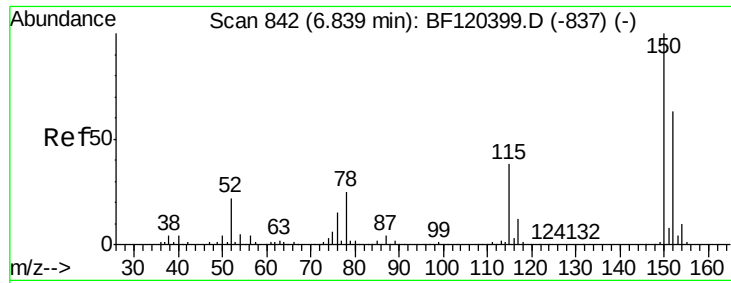
Instrument :
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NM20-COMP-2020-0-6

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
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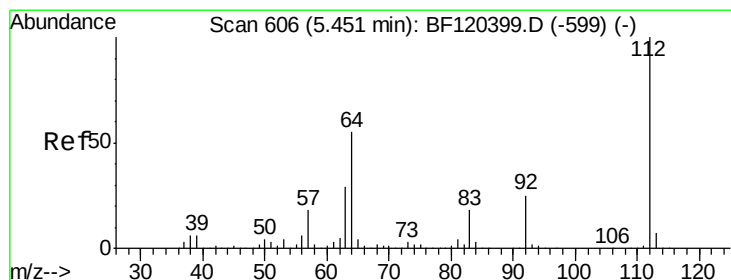
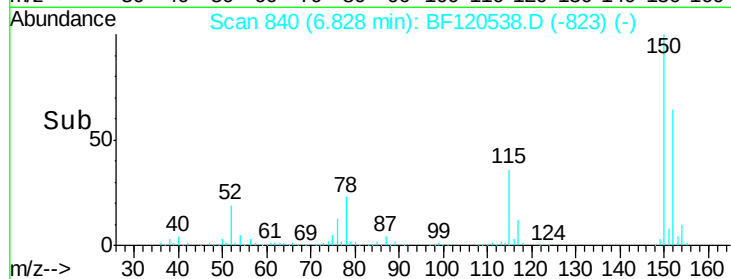
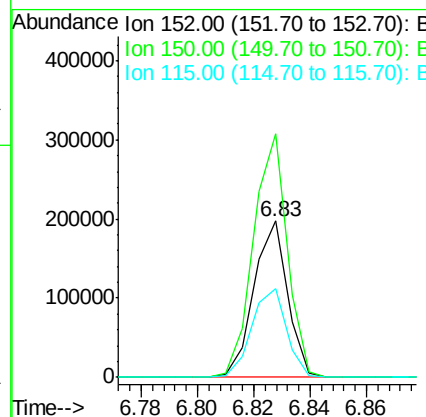
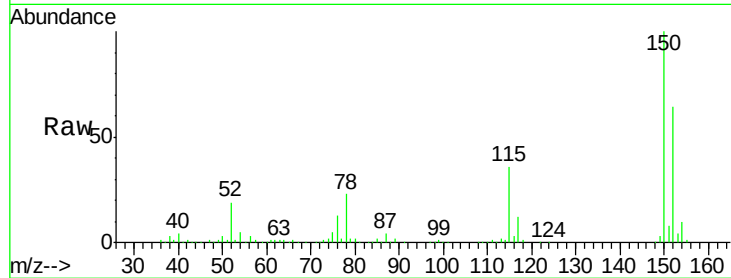
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF120538.D
 Acq: 4 Jun 2020 17:24

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.3	189.5
115	56.8	48.1	72.1

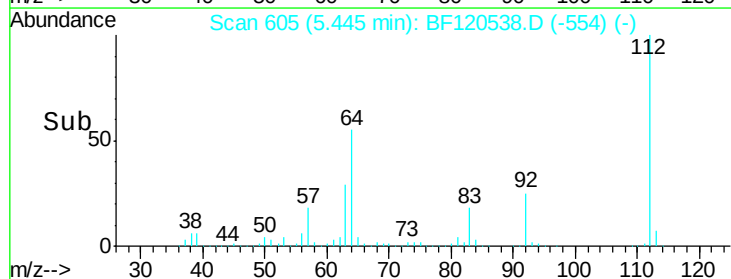
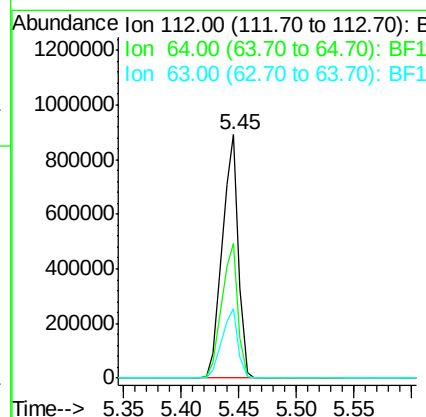
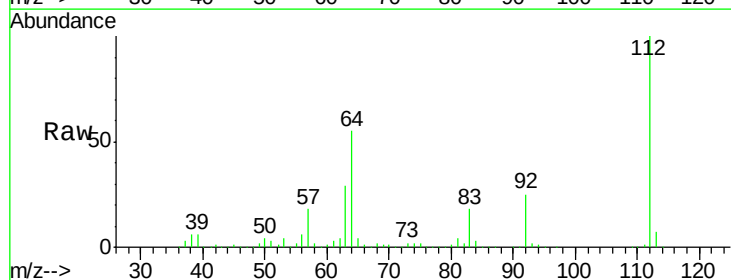
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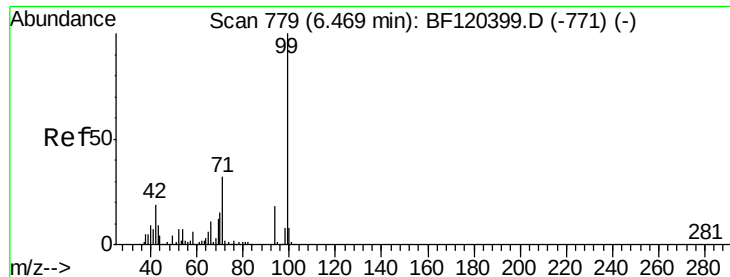
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#5
 2-Fluorophenol
 Concen: 99.757 ng
 RT: 5.45 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF120538.D
 Acq: 4 Jun 2020 17:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.2	70.8
63	28.8	24.7	37.1





#7

Phenol-d6

Concen: 95.850 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120538.D

Acq: 4 Jun 2020 17:24

Instrument :

BNA_F

ClientSampleId :

NM20-COMP-2020-0-6

Tot Ion: 99 Resp: 1015863

Ion Ratio Lower Upper

99 100

42 18.2 15.0 22.6

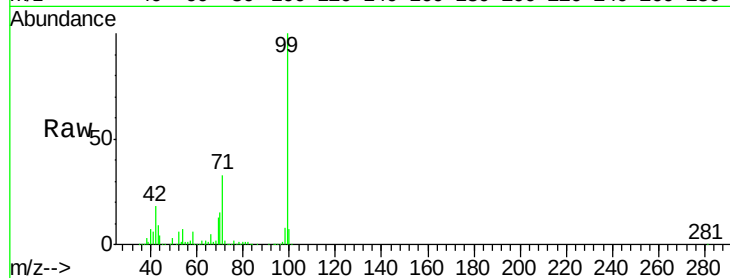
71 33.2 27.0 40.4

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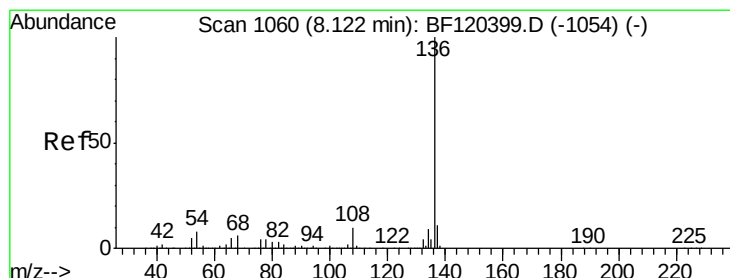
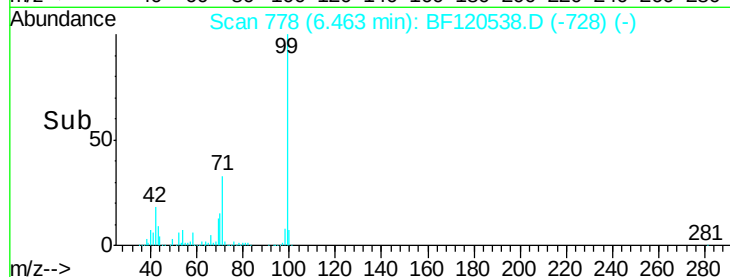
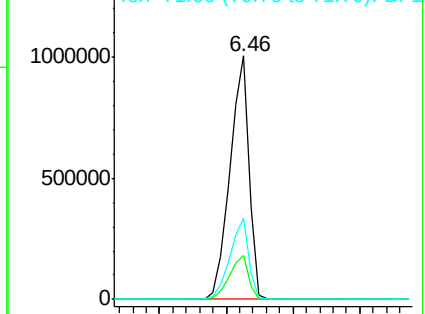
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF120538.D

Acq: 4 Jun 2020 17:24

Tgt Ion: 136 Resp: 547159

Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.7 5.4 8.0

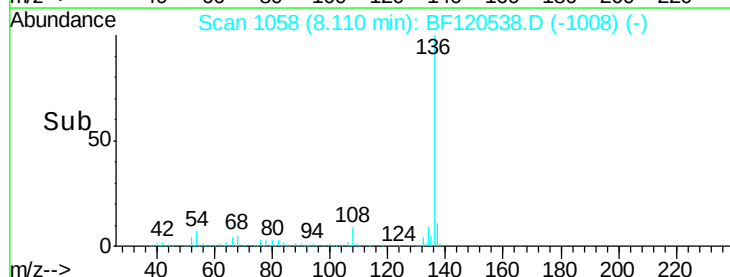
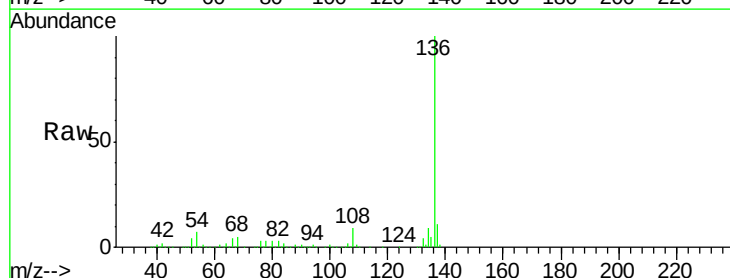
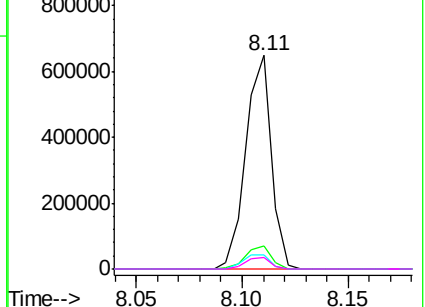
68 5.1 4.3 6.5

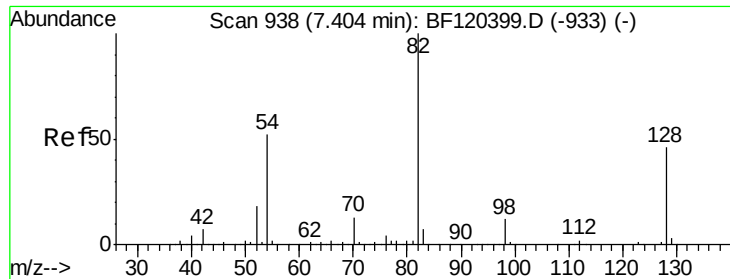
Abundance Ion 136.00 (135.70 to 136.70): E

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





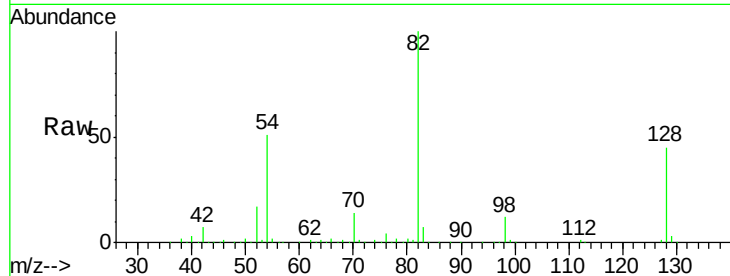
#23
Nitrobenzene-d5
Concen: 85.161 ng
RT: 7.39 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF120538.D
Acq: 4 Jun 2020 17:24

Instrument :
BNA_F
ClientSampleId :
NM20-COMP-2020-0-6

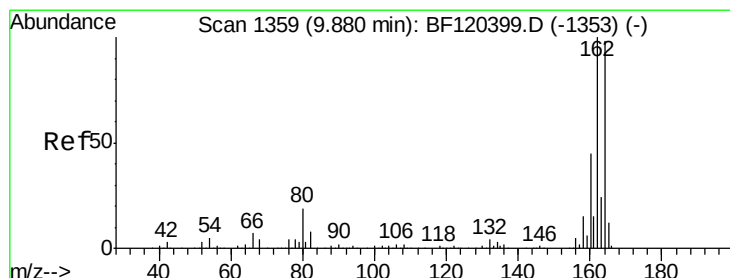
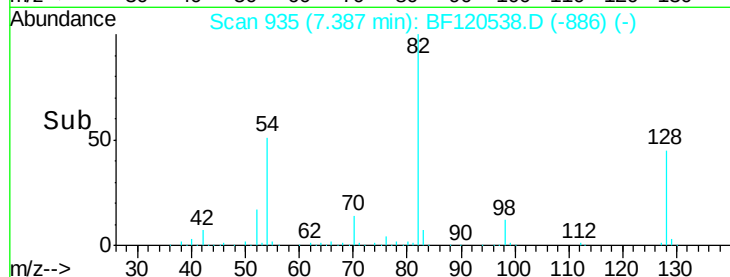
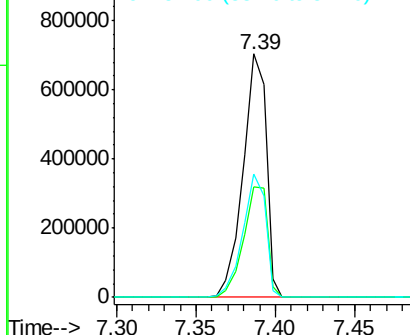
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.7	55.1
54	50.5	40.0	60.0

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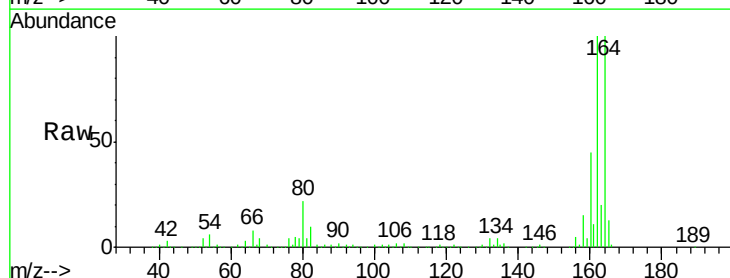


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

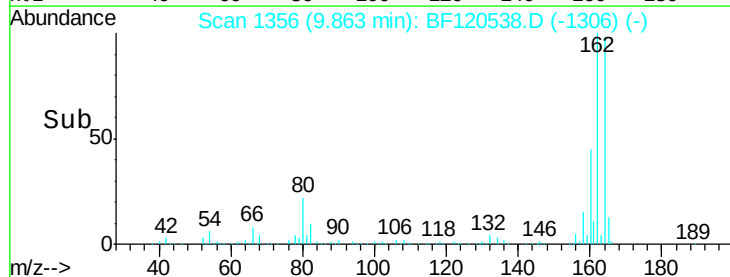
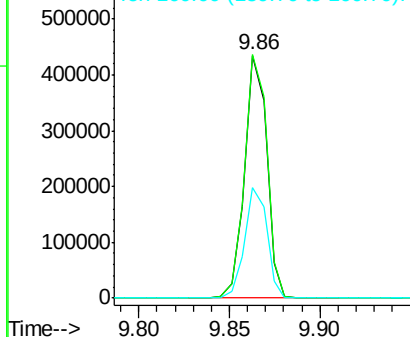


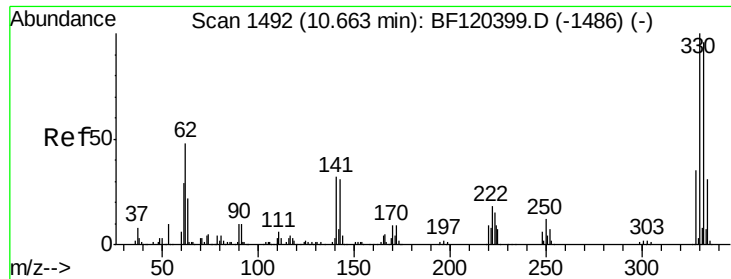
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF120538.D
Acq: 4 Jun 2020 17:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.2	121.8
160	45.4	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: 96.352 ng

RT: 10.66 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF120538.D

Acq: 4 Jun 2020 17:24

Instrument :

BNA_F

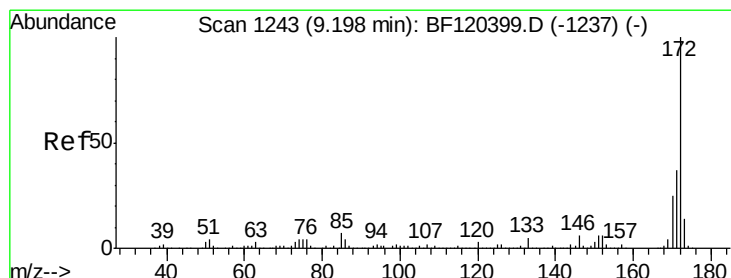
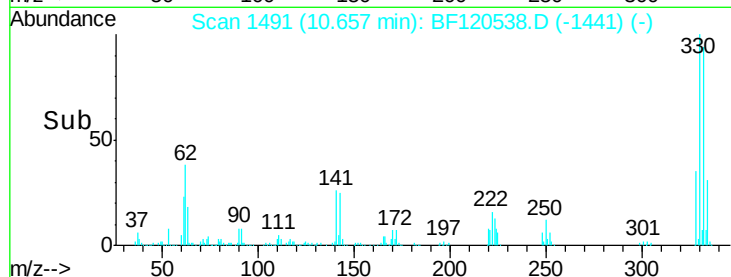
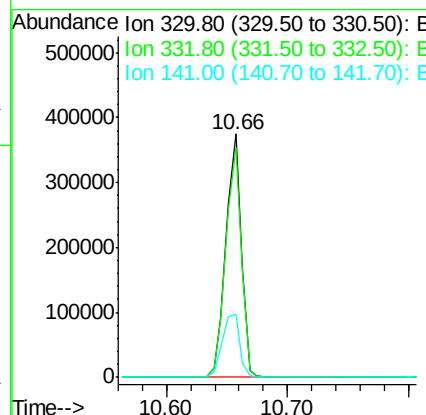
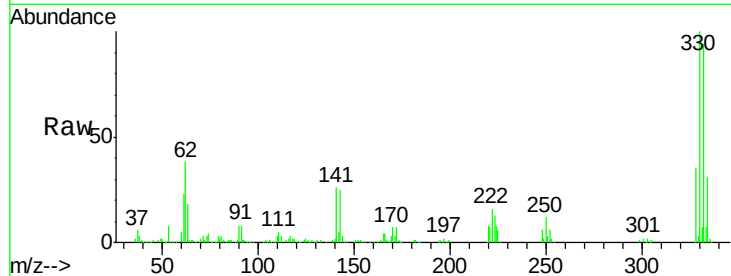
ClientSampleId :

NM20-COMP-2020-0-6

Tot Ion:	330	Resp:	330817
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.0	115.4
141	29.3	23.8	35.8

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#45

2-Fluorobiphenyl

Concen: 65.457 ng

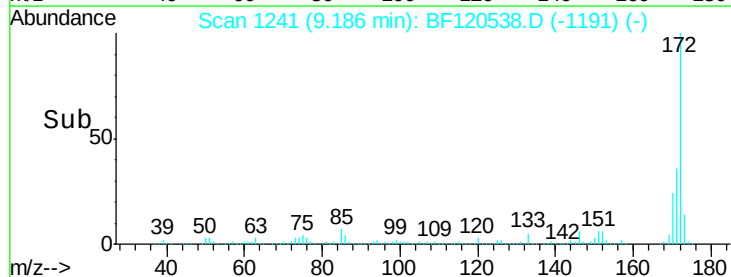
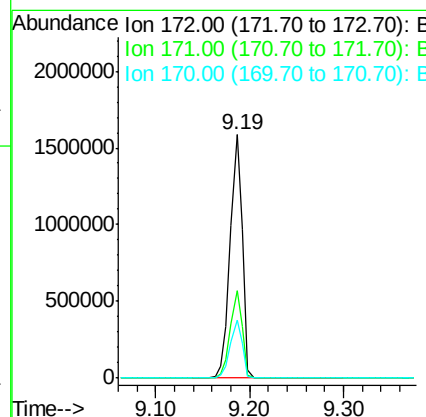
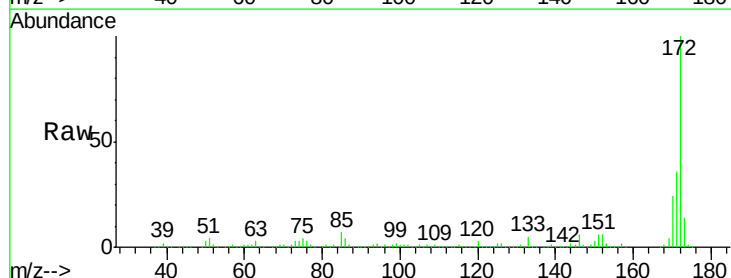
RT: 9.19 min Scan# 1241

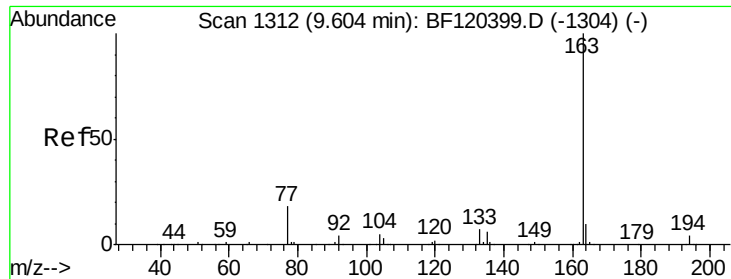
Delta R.T. -0.01 min

Lab File: BF120538.D

Acq: 4 Jun 2020 17:24

Tgt Ion:	172	Resp:	1429603
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.5	44.3
170	24.0	19.8	29.6





#50

Dimethylphthalate

Concen: 12.564 ng

RT: 9.58 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF120538.D

Acq: 4 Jun 2020 17:24

Instrument :

BNA_F

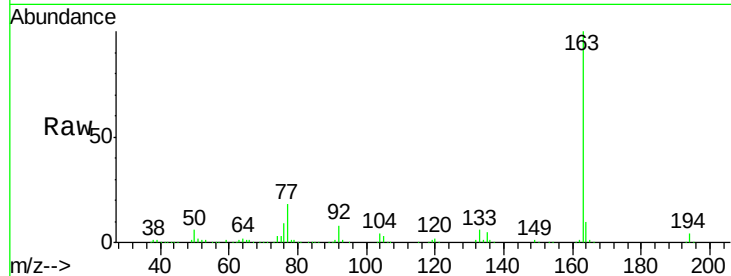
ClientSampleId :

NM20-COMP-2020-0-6

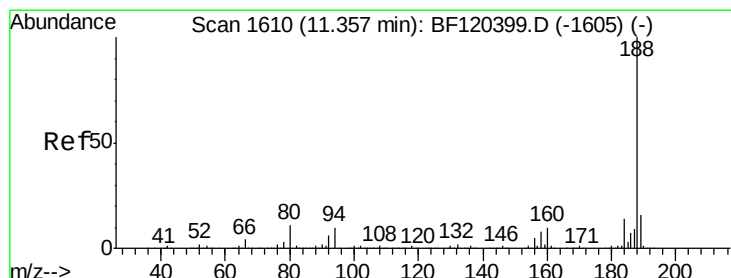
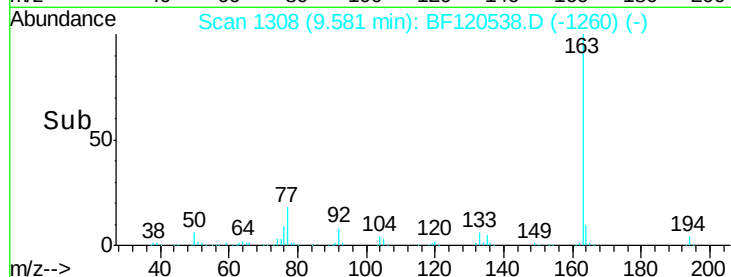
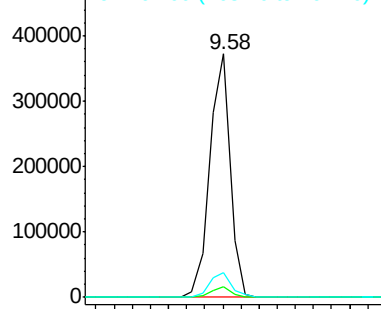
Tot Ion:	163	Resp:	291063
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.1	4.7
164	10.0	8.0	12.0

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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



#64

Phenanthrene-d10

Concen: 20.000 ng

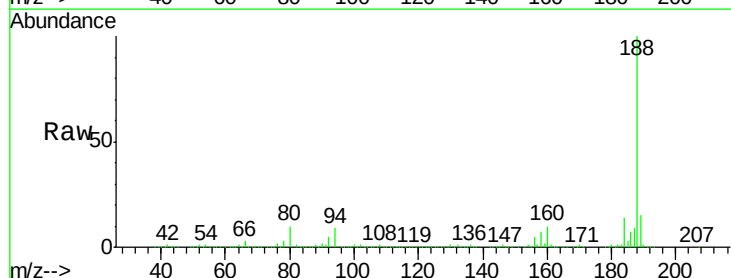
RT: 11.35 min Scan# 1609

Delta R.T. -0.01 min

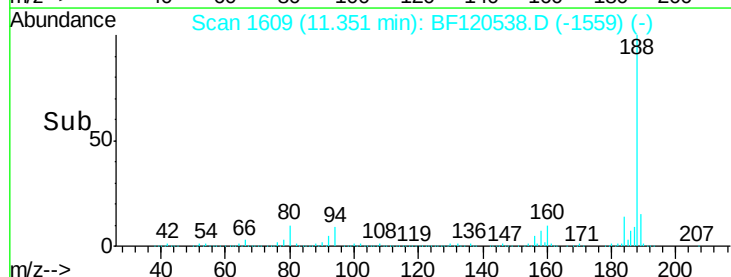
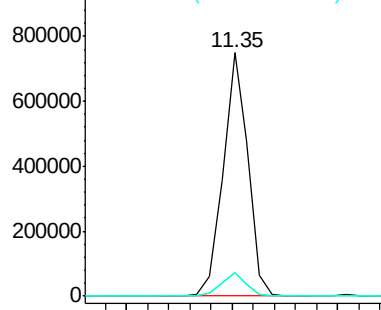
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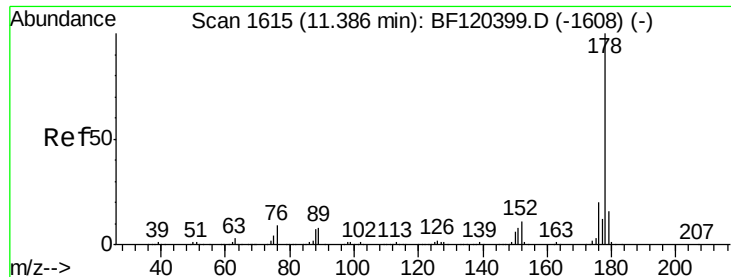
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Tgt Ion:	188	Resp:	608391
Ion Ratio	Lower	Upper	
188	100		
94	9.4	7.4	11.2
80	9.9	7.6	11.4



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





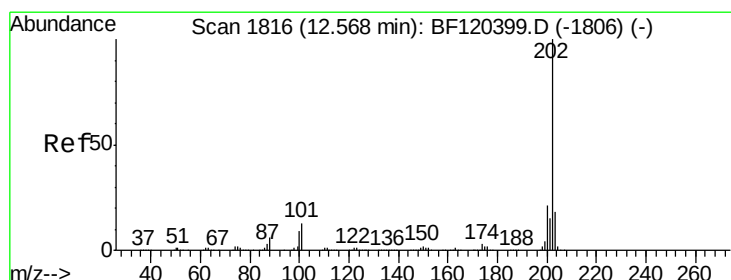
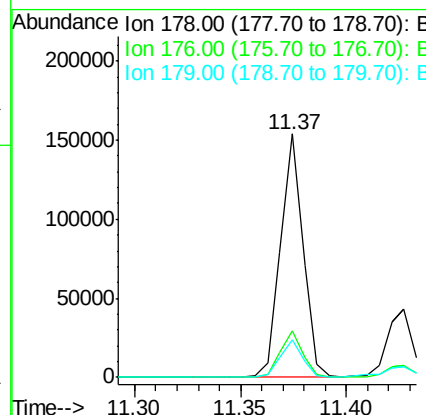
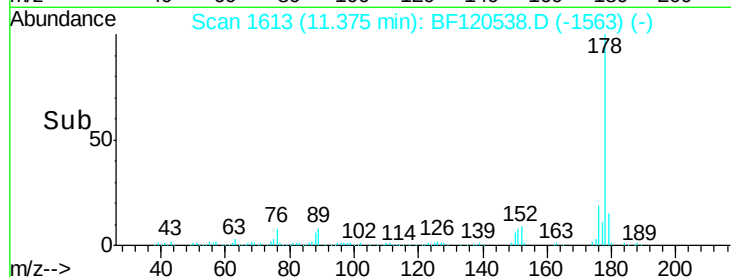
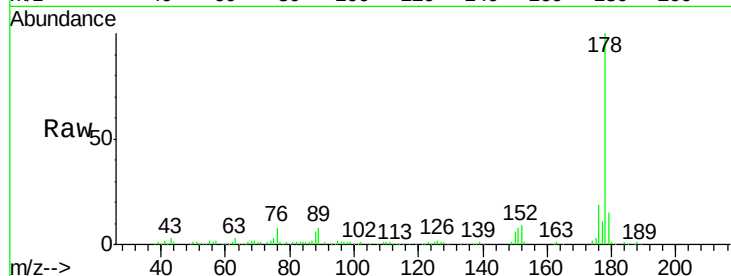
#71
Phenanthrene
Concen: 4.265 ng
RT: 11.37 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BF120538.D
Acq: 4 Jun 2020 17:24

Instrument :
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NM20-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.2
179	15.3	12.8	19.2

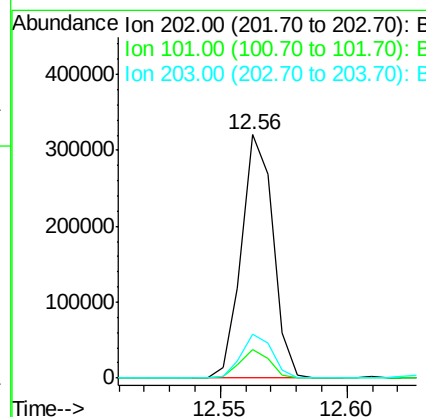
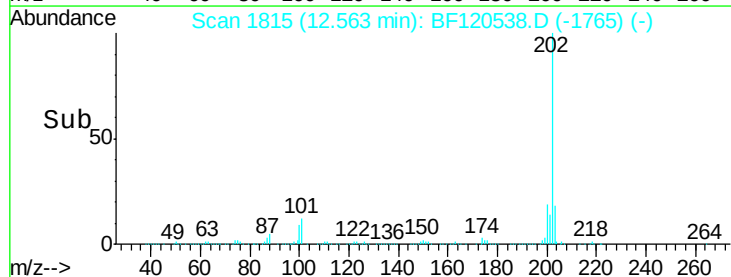
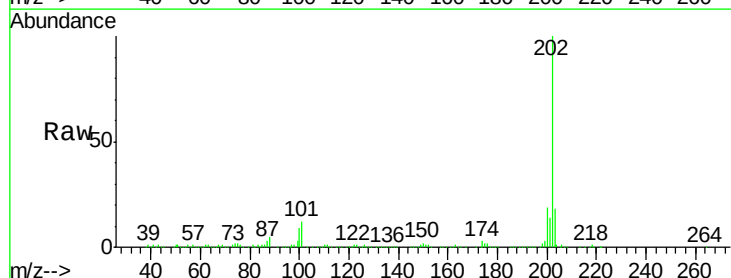
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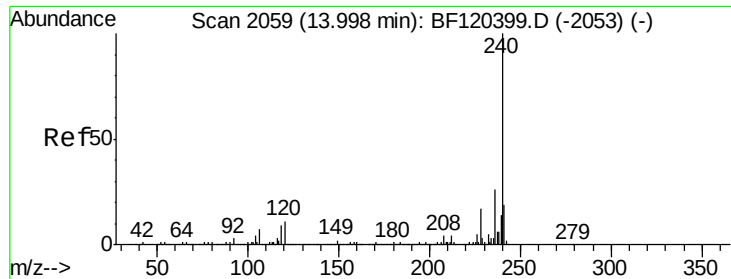
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#75
Fluoranthene
Concen: 9.635 ng
RT: 12.56 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF120538.D
Acq: 4 Jun 2020 17:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.3
203	18.0	0.0	38.4





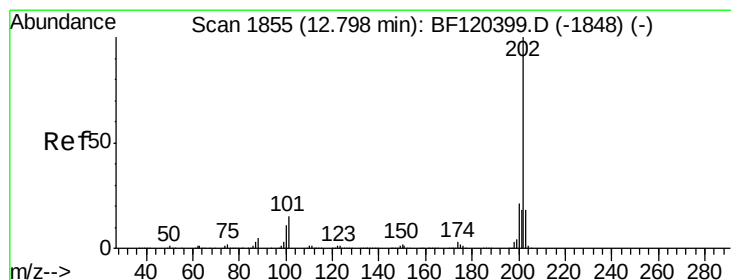
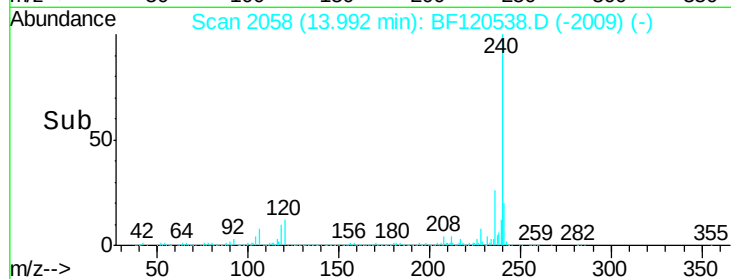
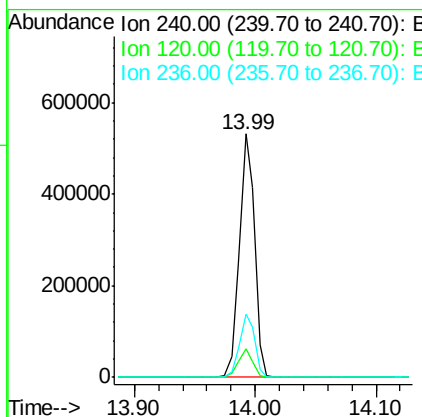
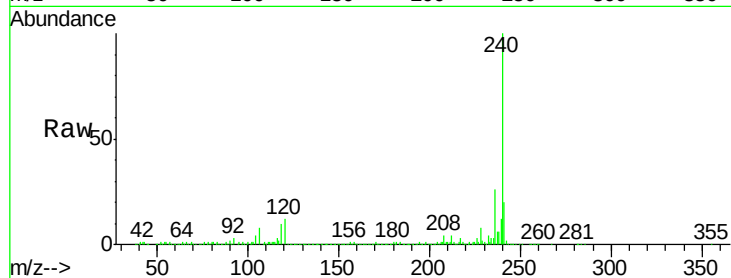
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF120538.D
Acq: 4 Jun 2020 17:24

Instrument :
BNA_F
ClientSampleId :
NM20-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	7.7	11.5#
236	25.7	20.8	31.2

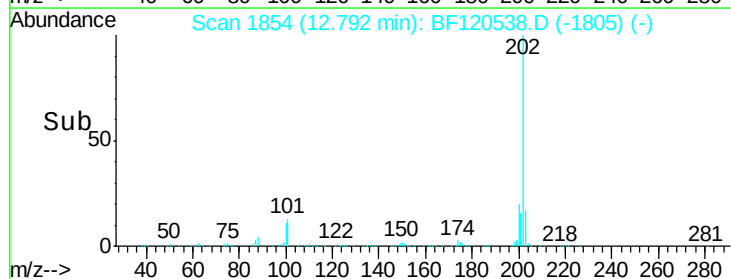
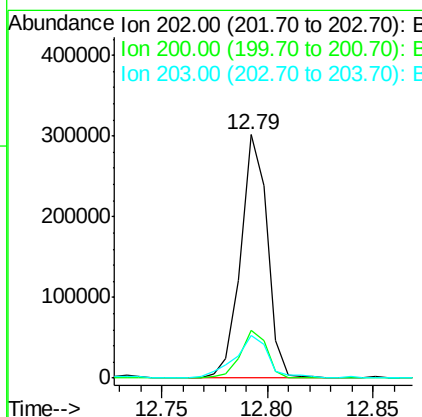
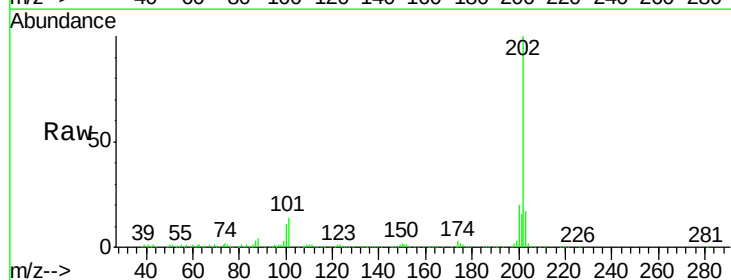
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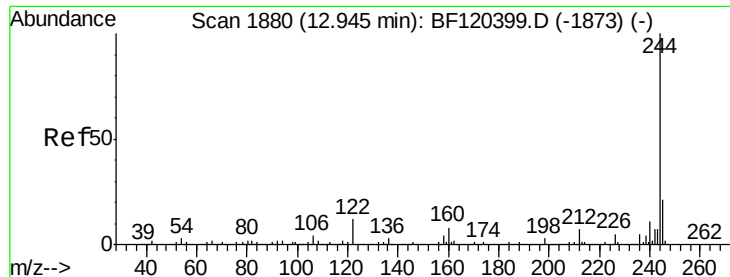
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#78
Pyrene
Concen: 8.090 ng
RT: 12.79 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF120538.D
Acq: 4 Jun 2020 17:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.0	25.6
203	17.3	14.2	21.2





#79

Terphenyl-d14

Concen: 69.407 ng

RT: 12.95 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120538.D

Acq: 4 Jun 2020 17:24

Instrument :

BNA_F

ClientSampleId :

NM20-COMP-2020-0-6

Tot Ion:244 Resp: 1462987

Ion Ratio Lower Upper

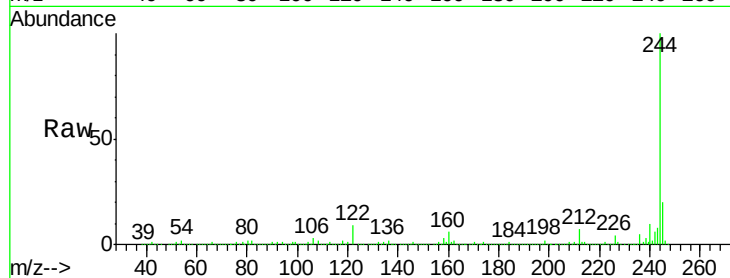
244 100

212 6.7 5.7 8.5

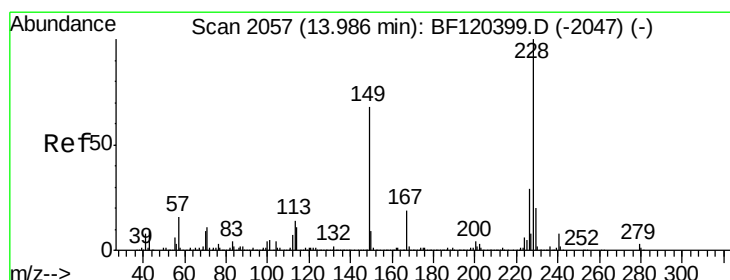
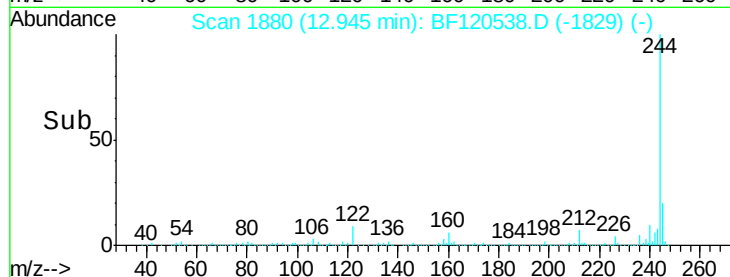
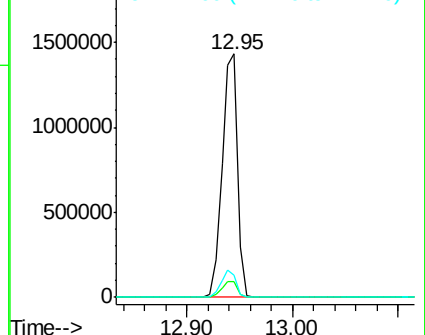
122 9.3 8.0 12.0

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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: 5.692 ng

RT: 13.98 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF120538.D

Acq: 4 Jun 2020 17:24

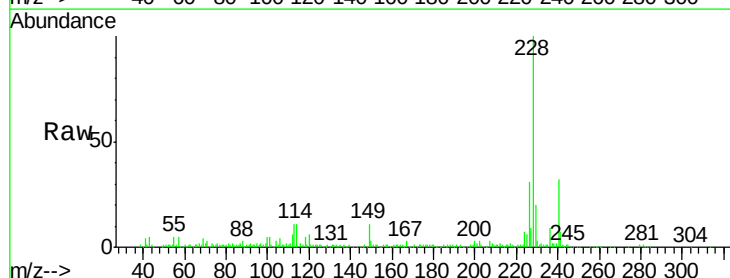
Tgt Ion:228 Resp: 143084

Ion Ratio Lower Upper

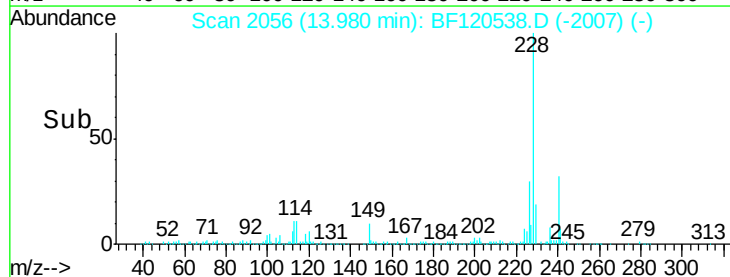
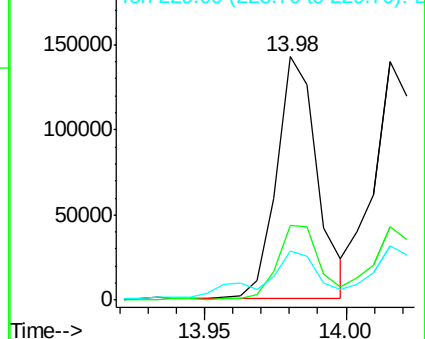
228 100

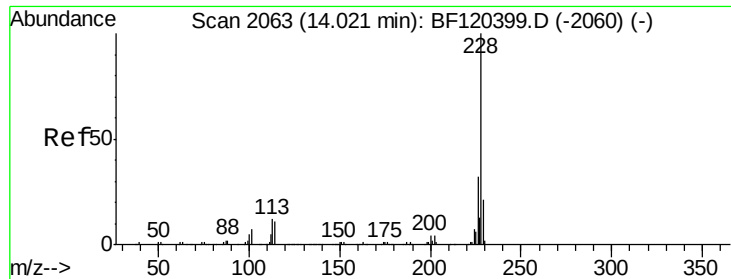
226 30.6 22.4 33.6

229 20.4 16.2 24.2



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





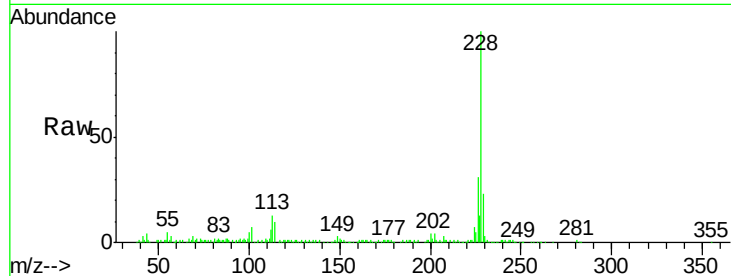
#83
Chrysene
Concen: 5.224 ng
RT: 14.02 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BF120538.D
Acq: 4 Jun 2020 17:24

Instrument :
BNA_F
ClientSampleId :
NM20-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.6	38.4
229	22.8	16.2	24.2

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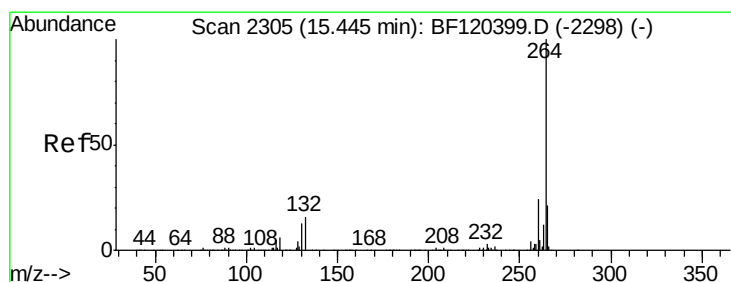
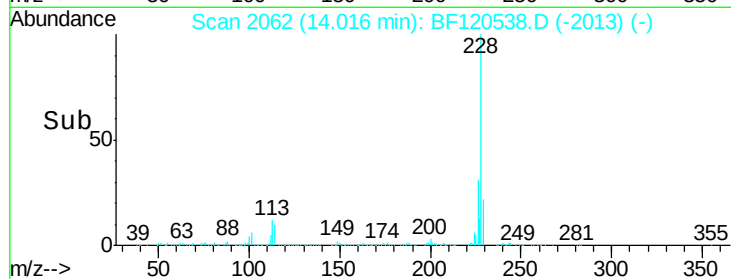
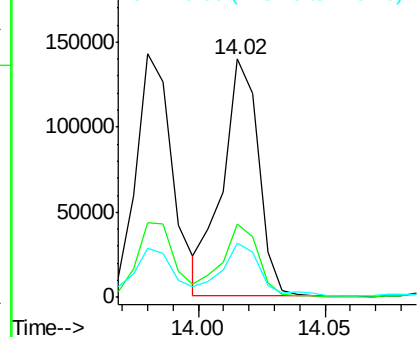


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BF120538.D
Acq: 4 Jun 2020 17:24

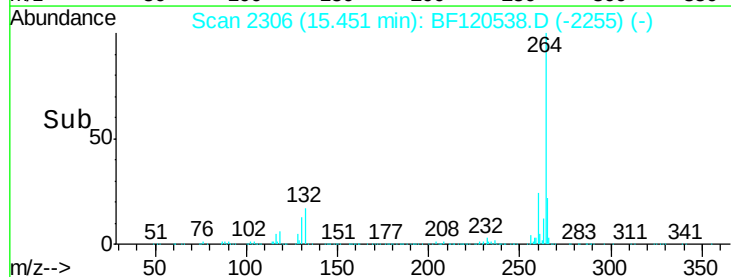
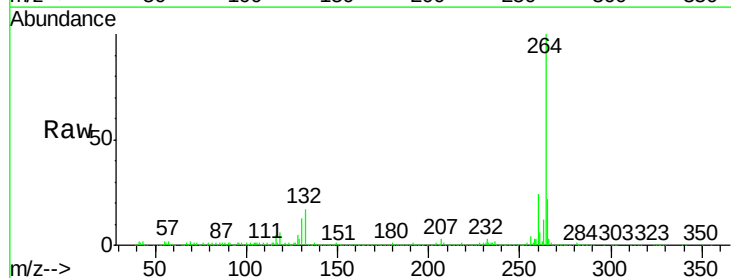
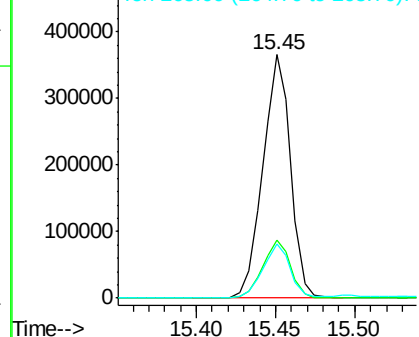
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.4	17.5	26.3

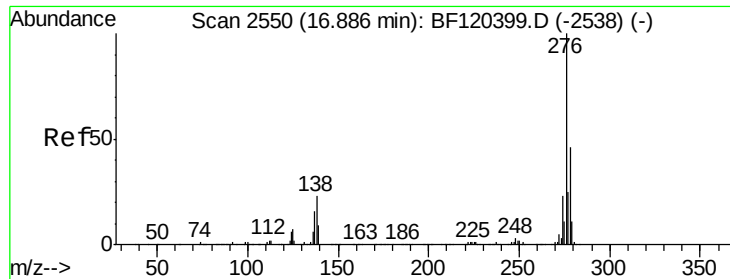
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





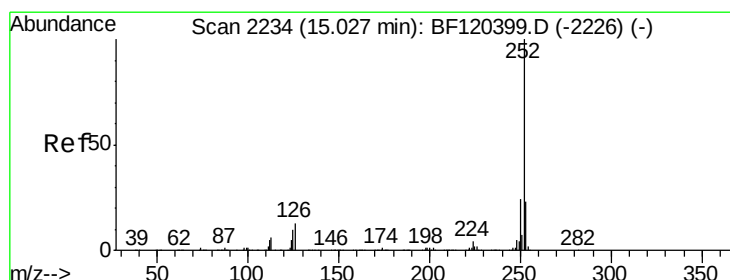
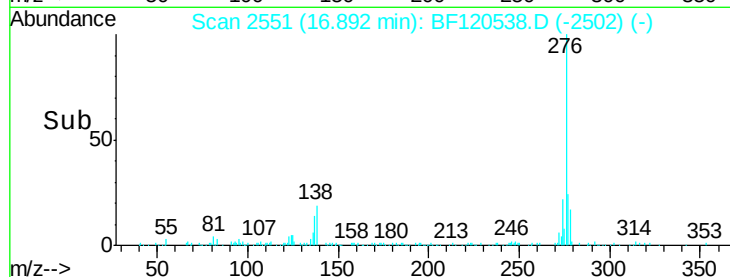
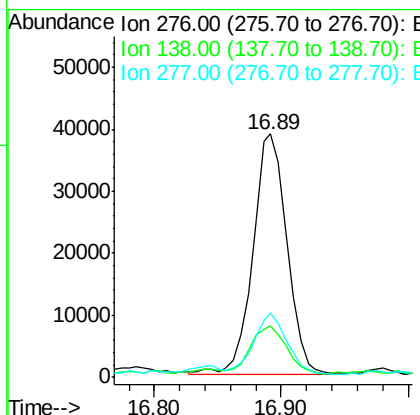
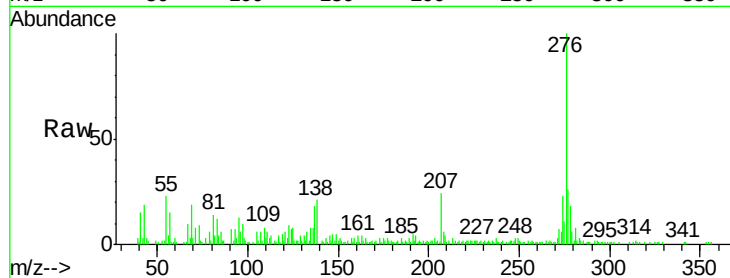
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.987 ng
 RT: 16.89 min Scan# 2551
 Delta R.T. -0.01 min
 Lab File: BF120538.D
 Acq: 4 Jun 2020 17:24

Instrument :
 BNA_F
 ClientSampleId :
 NM20-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	19.2	28.8
277	25.1	20.3	30.5

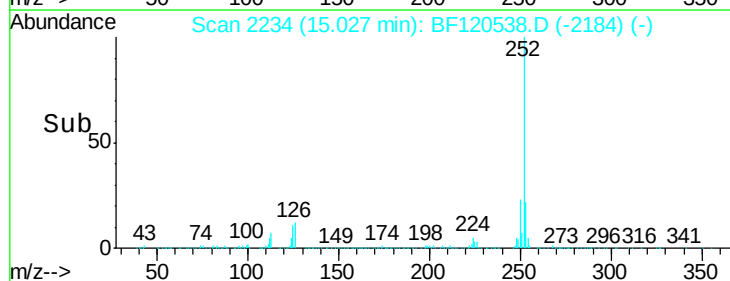
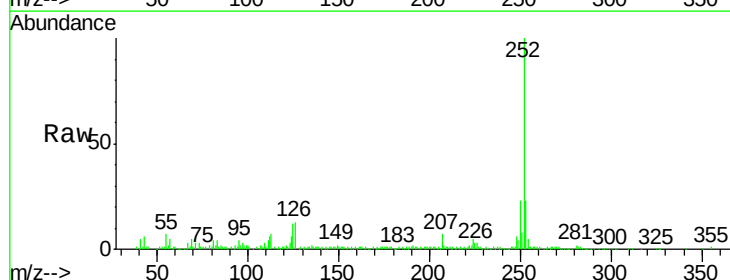
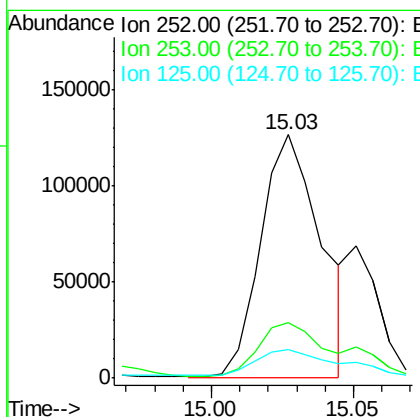
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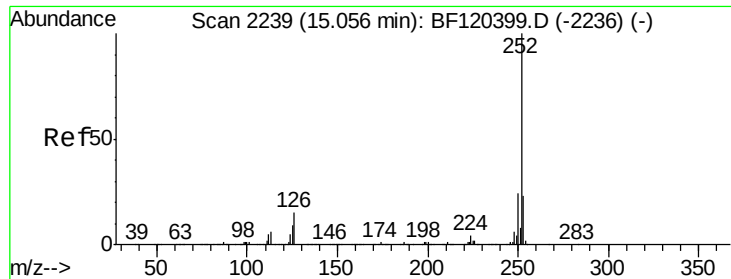
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#88
 Benzo(b)fluoranthene
 Concen: 7.657 ng m
 RT: 15.03 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BF120538.D
 Acq: 4 Jun 2020 17:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	11.6	8.3	12.5





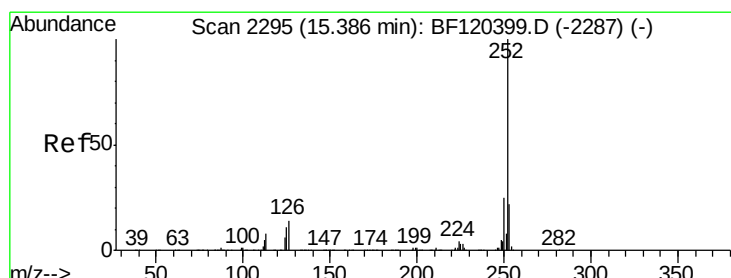
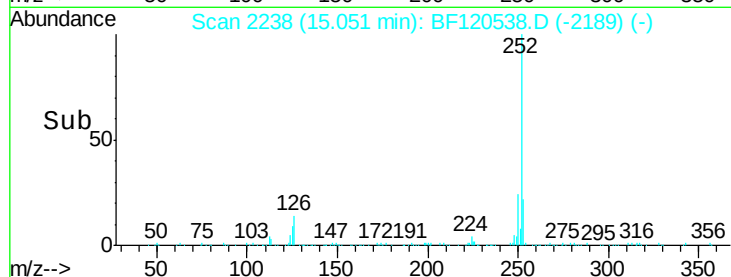
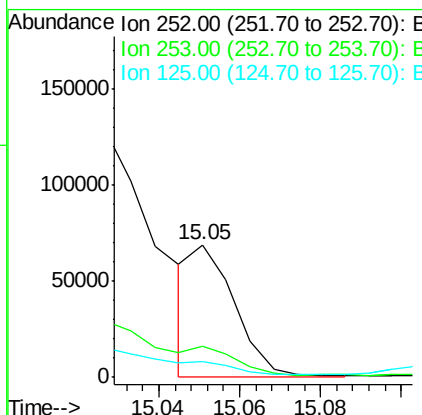
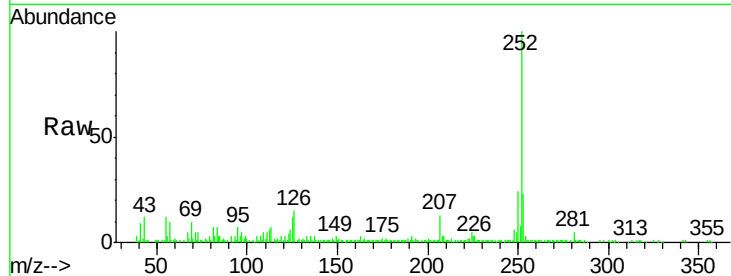
#89
Benzo(k)fluoranthene
Concen: 2.241 ng m
RT: 15.05 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF120538.D
Acq: 4 Jun 2020 17:24

Instrument :
BNA_F
ClientSampleId :
NM20-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	11.8	8.6	13.0

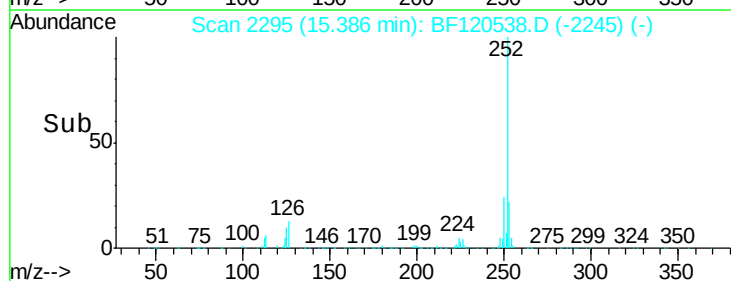
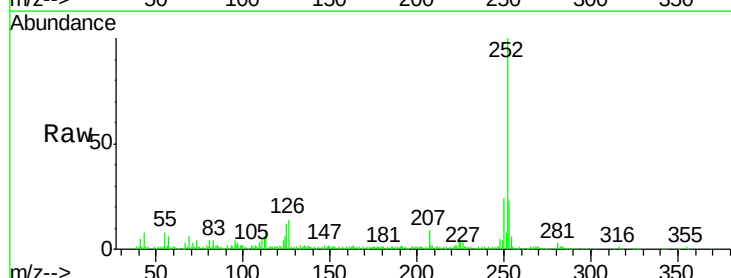
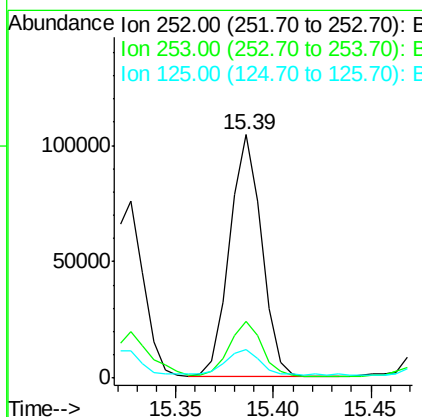
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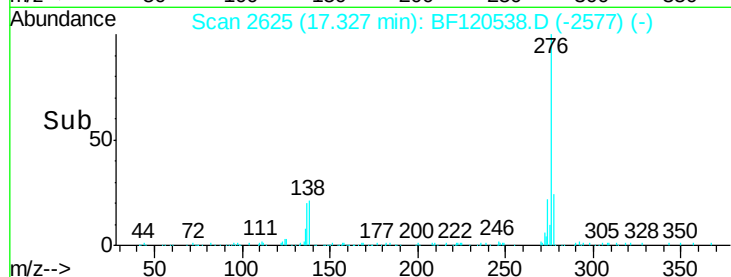
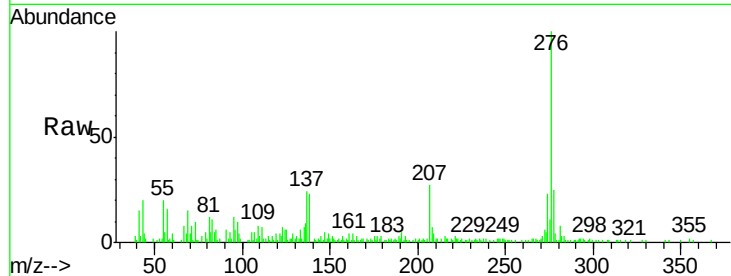
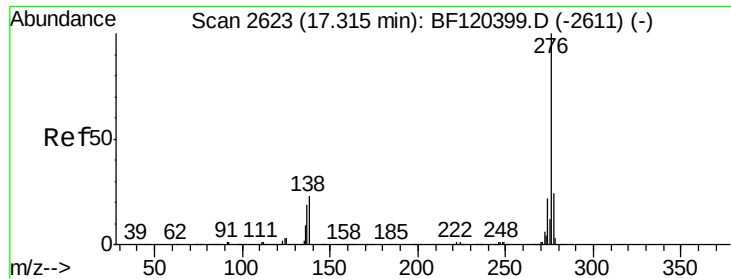
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#90
Benzo(a)pyrene
Concen: 5.504 ng
RT: 15.39 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF120538.D
Acq: 4 Jun 2020 17:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	11.7	9.6	14.4





#92
 Benzo(a,h,i)perylene
 Concen: 3.450 ng
 RT: 17.33 min Scan# 2625
 Delta R.T. -0.02 min
 Lab File: BF120538.D
 Acq: 4 Jun 2020 17:24

Instrument :
 BNA_F
 ClientSampleId :
 NM20-COMP-2020-0-6

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.5	19.3	28.9	
138	22.7	16.9	25.3	

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