

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF060420\
 Data File : BF120541.D
 Acq On : 4 Jun 2020 18:48
 Operator : JU/CG
 Sample : L2839-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM102-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 05 00:52:20 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	186344	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	706557	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	346869	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	575259	20.00	ng	0.00
76) Chrysene-d12	13.99	240	437028	20.00	ng	-0.01
86) Perylene-d12	15.45	264	403221	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	989099	101.16	ng	0.00
7) Phenol-d6	6.46	99	1209702	100.37	ng	0.00
23) Nitrobenzene-d5	7.39	82	801340	74.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	315876	98.28	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1433711	70.13	ng	0.00
79) Terphenyl-d14	12.94	244	1343033	68.38	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	284066	13.099	ng	100
71) Phenanthrene	11.37	178	183538	7.241	ng	99
75) Fluoranthene	12.56	202	302294	11.083	ng	98
78) Pyrene	12.79	202	288698	9.499	ng	98
81) Benzo(a)anthracene	13.98	228	166444	7.106	ng	98
83) Chrysene	14.02	228	146402	5.962	ng	96
87) Indeno(1,2,3-cd)pyrene	16.89	276	68637	3.112	ng	97
88) Benzo(b)fluoranthene	15.03	252	186823m	8.342	ng	
89) Benzo(k)fluoranthene	15.05	252	50577m	2.419	ng	
90) Benzo(a)pyrene	15.39	252	125606	6.412	ng	99
92) Benzo(g,h,i)perylene	17.33	276	63529	3.582	ng	97

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

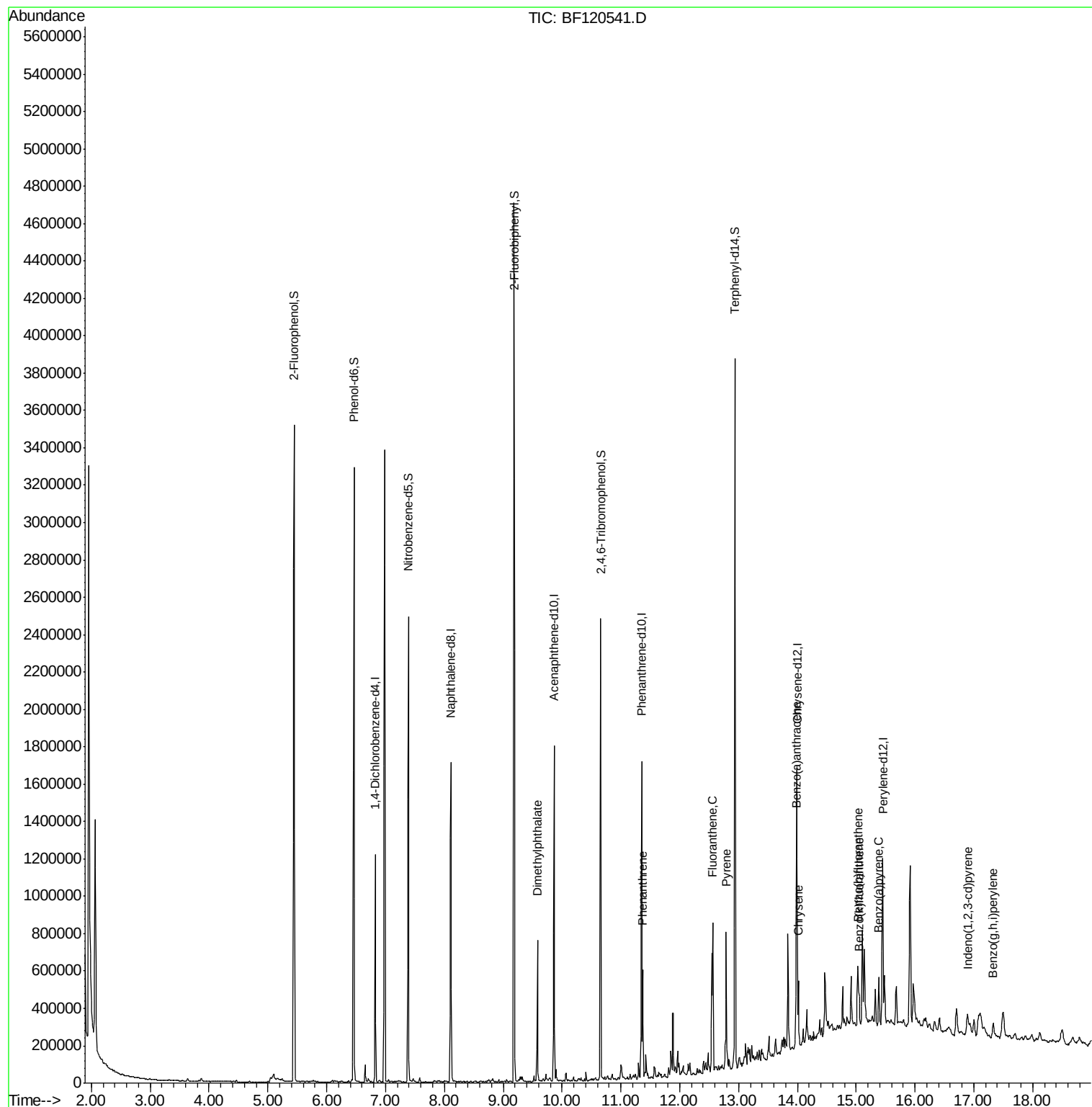
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF060420\
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ALS Vial : 14 Sample Multiplier: 1

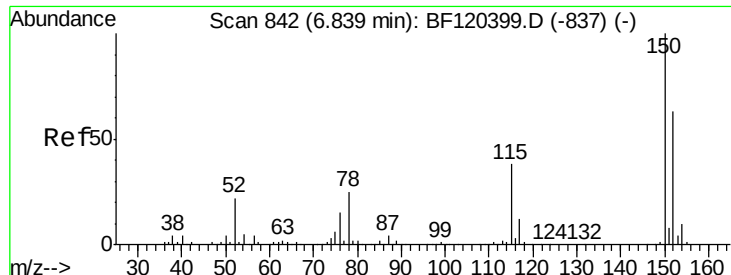
Instrument :
BNA_F
ClientSampleId :
NM102-COMP-2020-0-6

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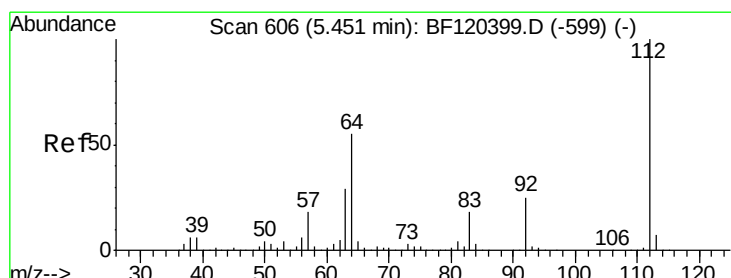
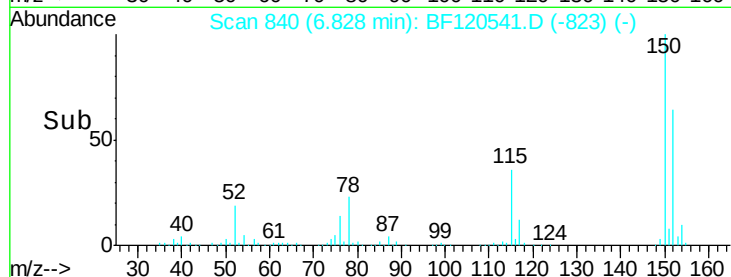
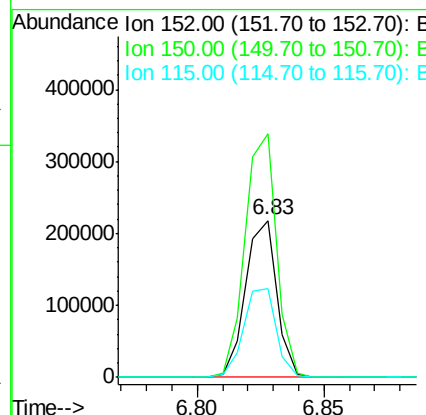
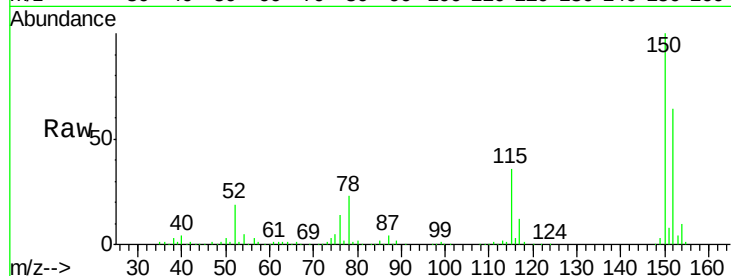
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF120541.D
 Acq: 4 Jun 2020 18:48

Instrument :
 BNA_F
 ClientSampleId :
 NM102-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.3	189.5
115	56.5	48.1	72.1

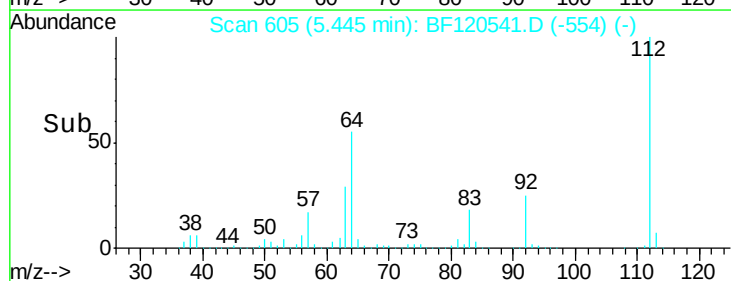
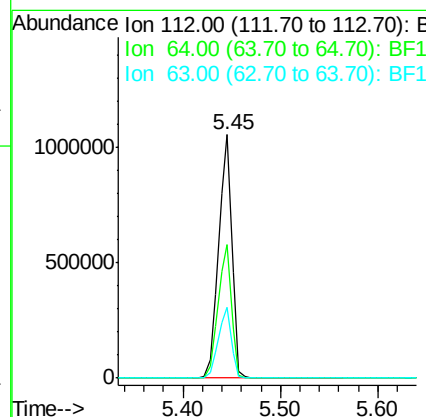
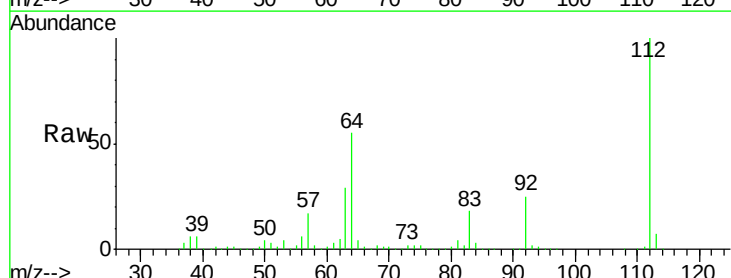
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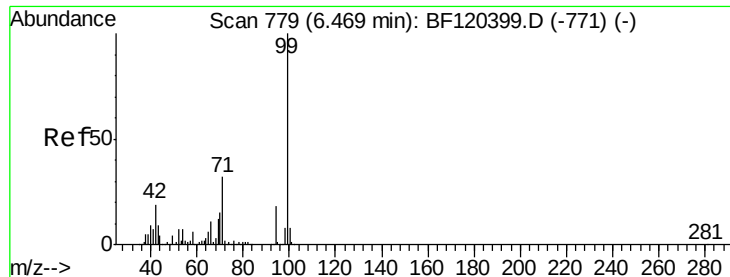
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#5
 2-Fluorophenol
 Concen: 101.156 ng
 RT: 5.45 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF120541.D
 Acq: 4 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.2	70.8
63	29.0	24.7	37.1





#7

Phenol-d6

Concen: 100.373 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120541.D

Acq: 4 Jun 2020 18:48

Instrument :

BNA_F

ClientSampleId :

NM102-COMP-2020-0-6

Tot Ion: 99 Resp: 1209702

Ion Ratio Lower Upper

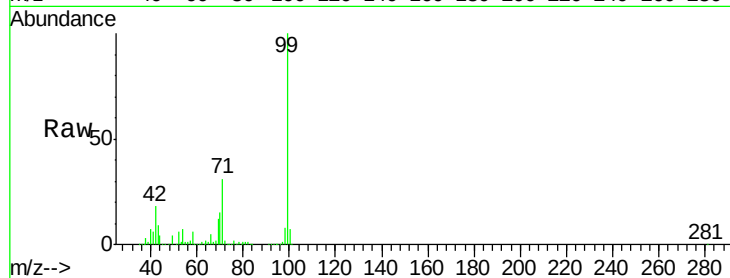
99 100

42 18.3 15.0 22.6

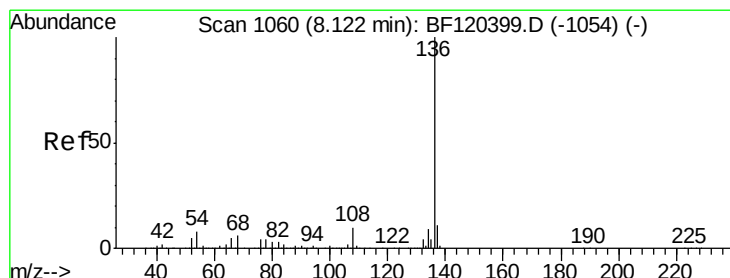
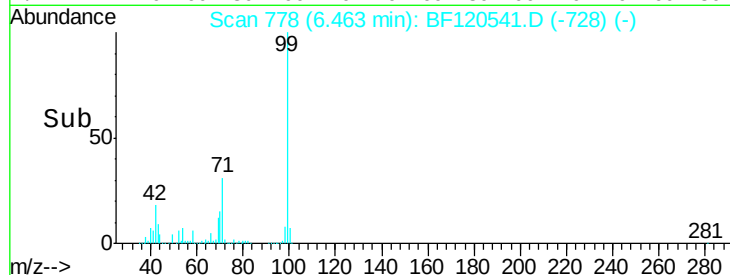
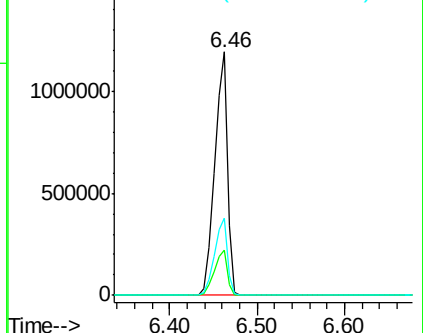
71 31.5 27.0 40.4

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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: 20.000 ng

RT: 8.11 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF120541.D

Acq: 4 Jun 2020 18:48

Tgt Ion: 136 Resp: 706557

Ion Ratio Lower Upper

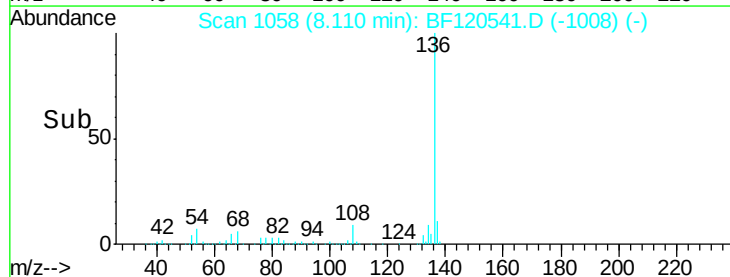
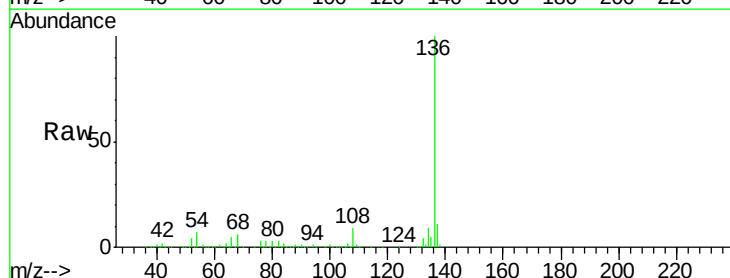
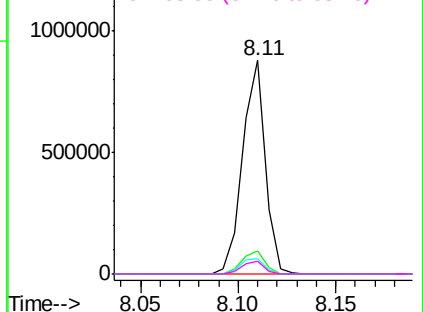
136 100

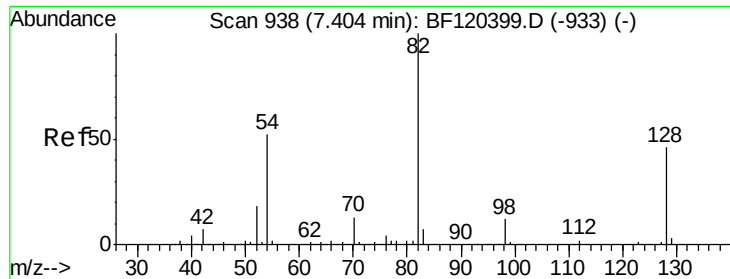
137 11.1 8.8 13.2

54 7.1 5.4 8.0

68 5.8 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





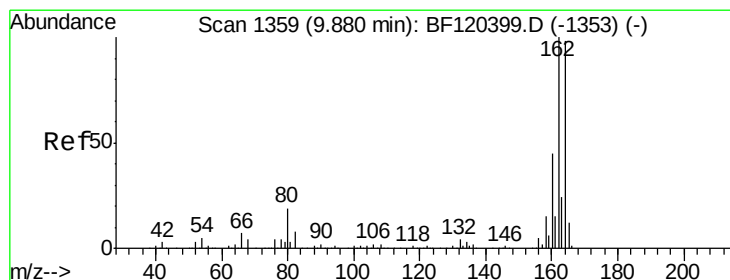
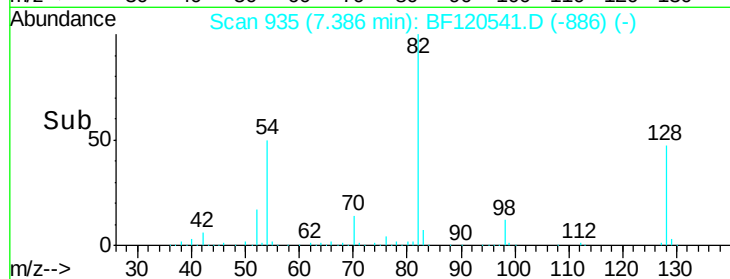
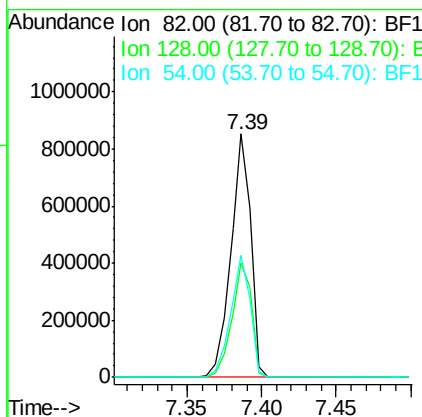
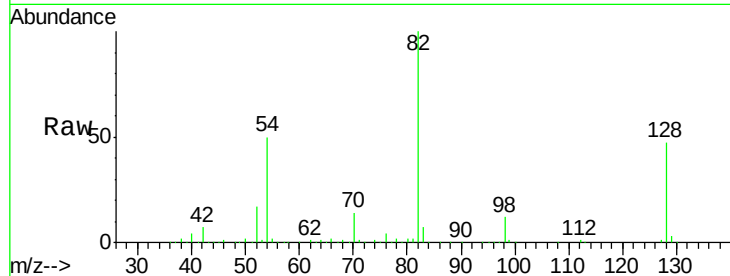
#23
Nitrobenzene-d5
Concen: 74.188 ng
RT: 7.39 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF120541.D
Acq: 4 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
NM102-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.7	55.1
54	50.1	40.0	60.0

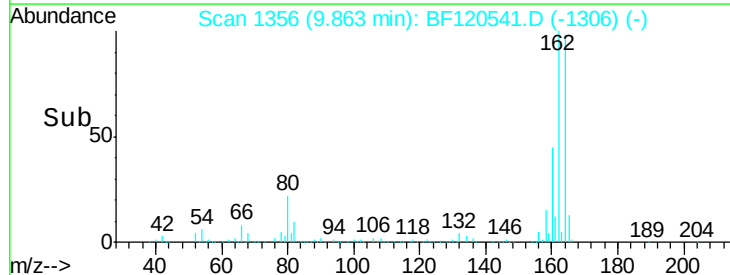
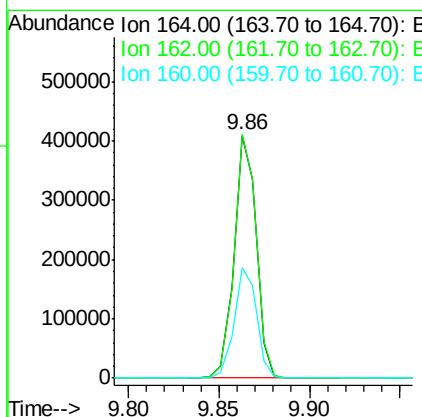
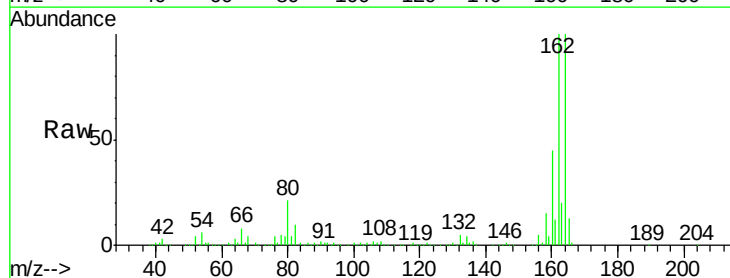
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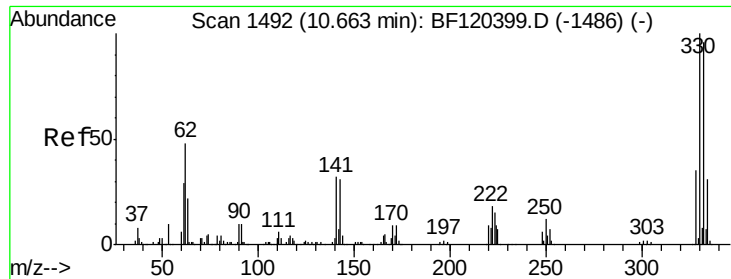
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF120541.D
Acq: 4 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.2	121.8
160	45.4	37.0	55.4





#42

2,4,6-Tribromophenol

Concen: 98.284 ng

RT: 10.66 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF120541.D

Acq: 4 Jun 2020 18:48

Instrument :

BNA_F

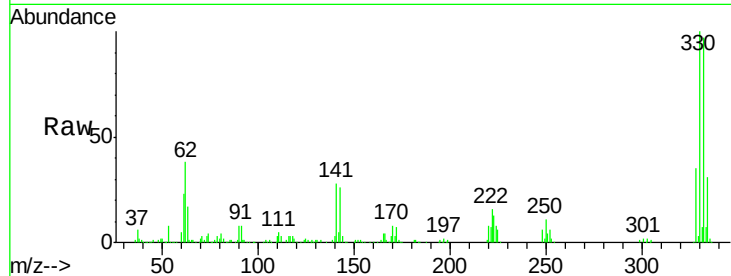
ClientSampleId :

NM102-COMP-2020-0-6

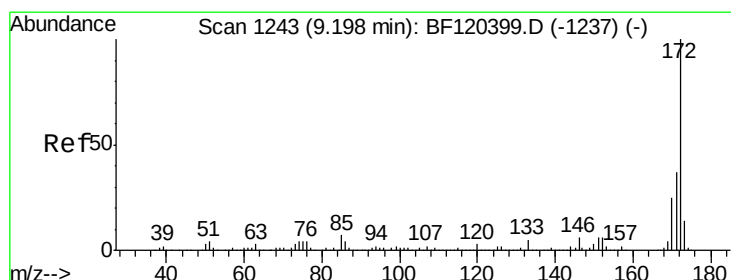
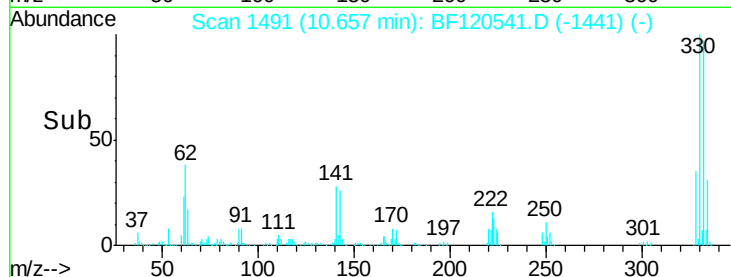
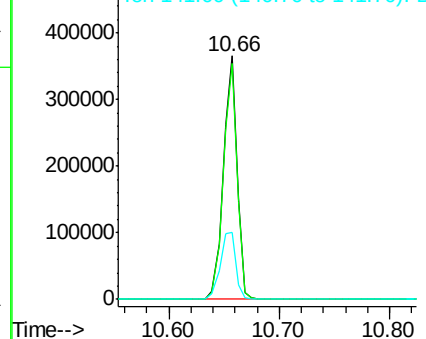
Tot Ion:	330	Resp:	315876
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.0	115.4
141	31.4	23.8	35.8

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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: 70.129 ng

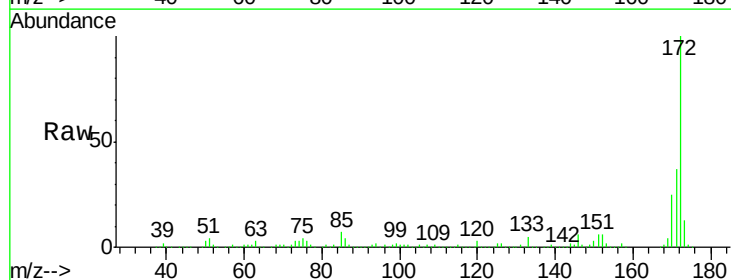
RT: 9.19 min Scan# 1241

Delta R.T. -0.01 min

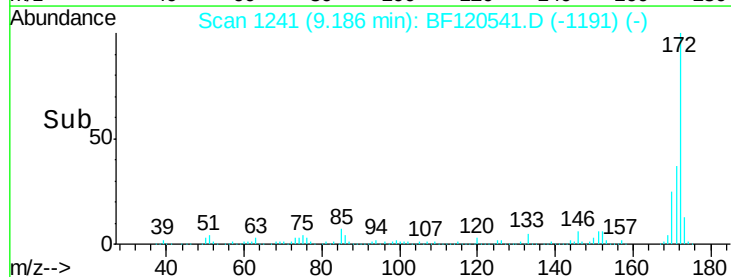
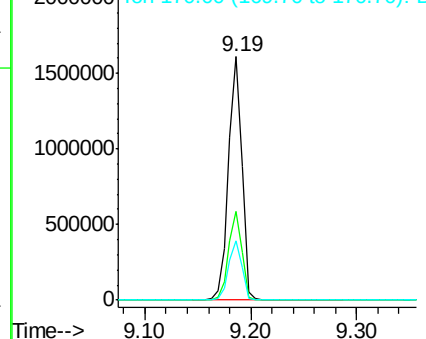
Lab File: BF120541.D

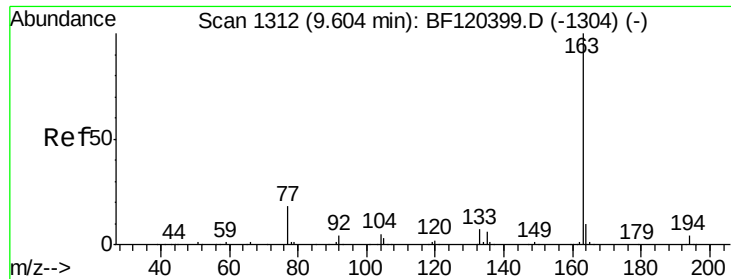
Acq: 4 Jun 2020 18:48

Tgt Ion:	172	Resp:	1433711
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.5	44.3
170	24.5	19.8	29.6



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





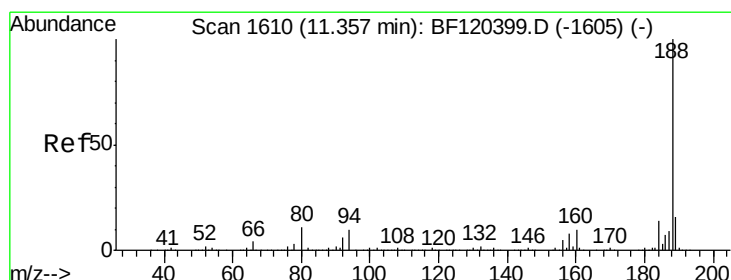
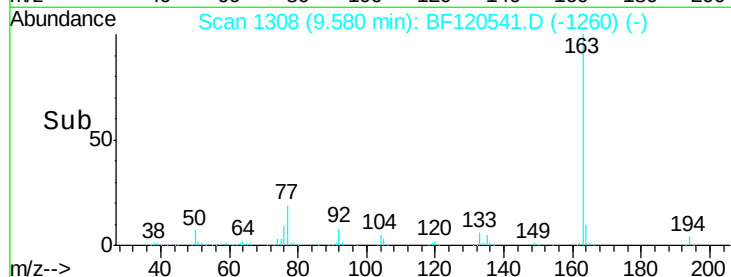
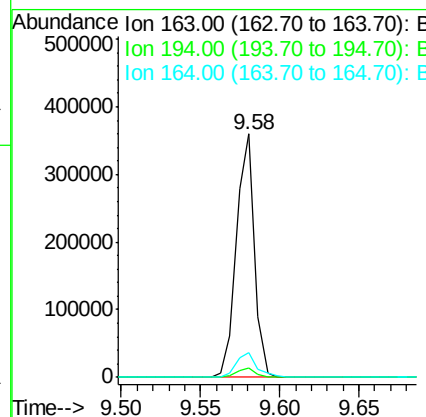
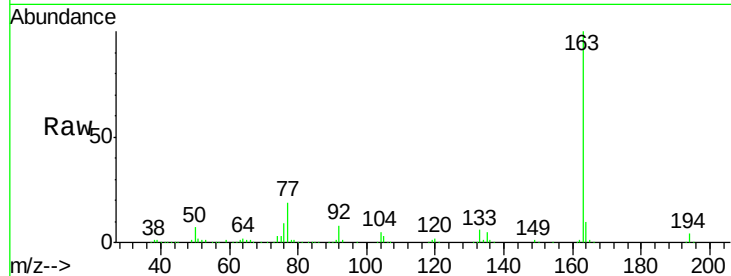
#50
Dimethylphthalate
Concen: 13.099 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF120541.D
Acq: 4 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
NM102-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	284066		
194	4.1		3.1	4.7
164	10.1		8.0	12.0

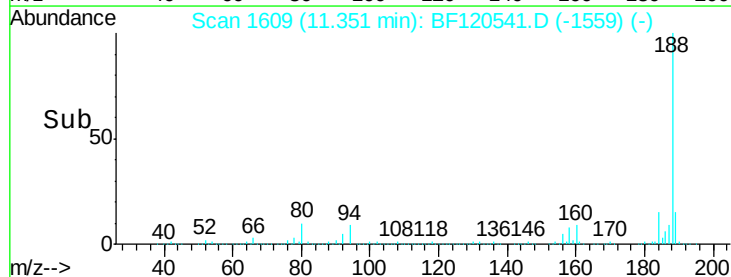
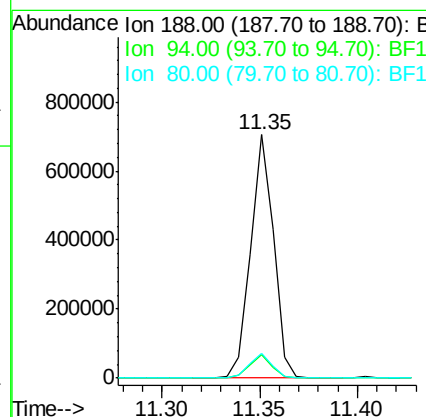
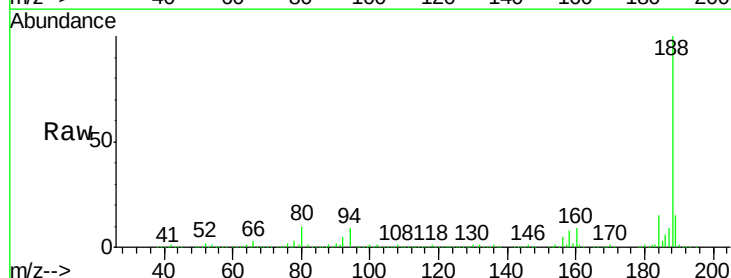
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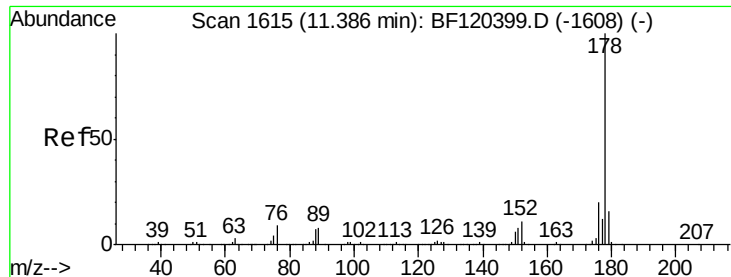
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF120541.D
Acq: 4 Jun 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	575259		
94	9.4		7.4	11.2
80	10.1		7.6	11.4





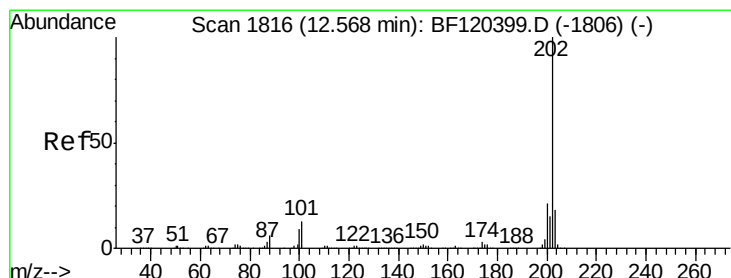
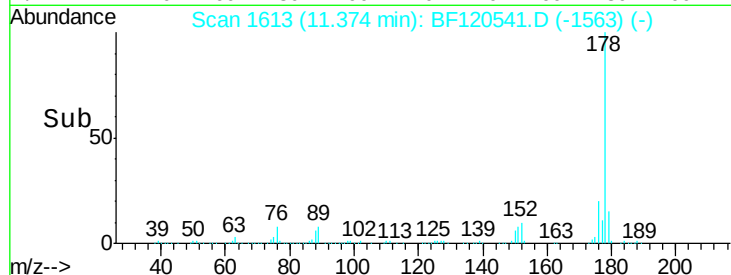
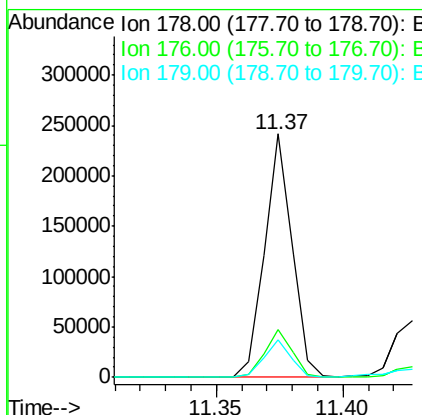
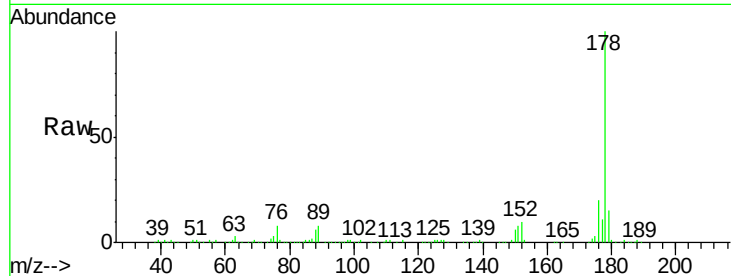
#71
Phenanthrene
Concen: 7.241 ng
RT: 11.37 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BF120541.D
Acq: 4 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
NM102-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.2
179	15.3	12.8	19.2

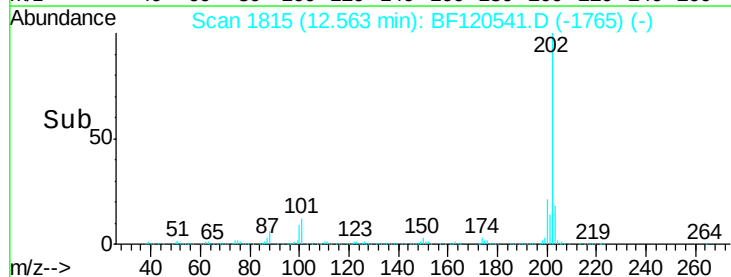
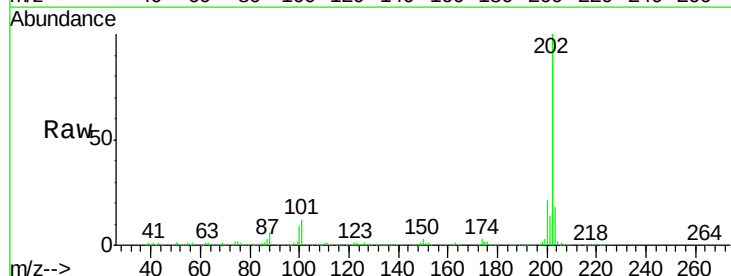
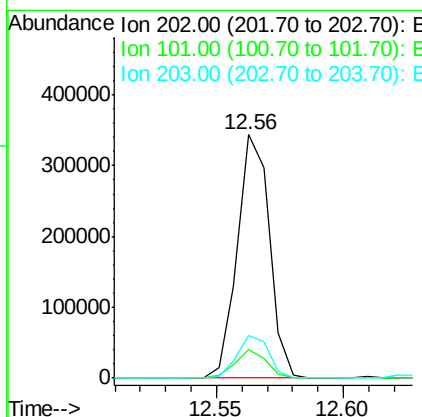
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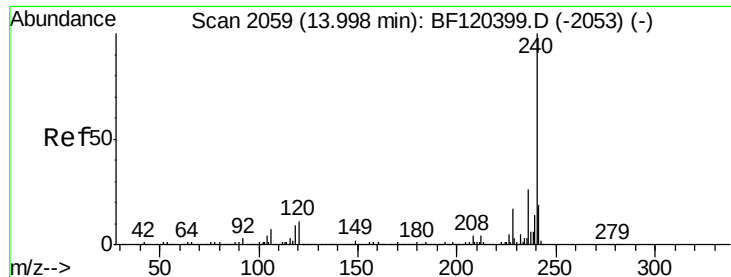
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#75
Fluoranthene
Concen: 11.083 ng
RT: 12.56 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF120541.D
Acq: 4 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.3
203	17.7	0.0	38.4





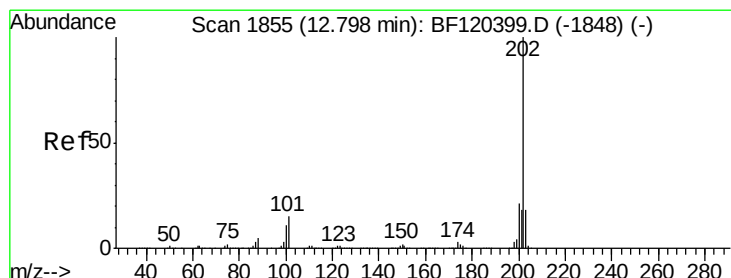
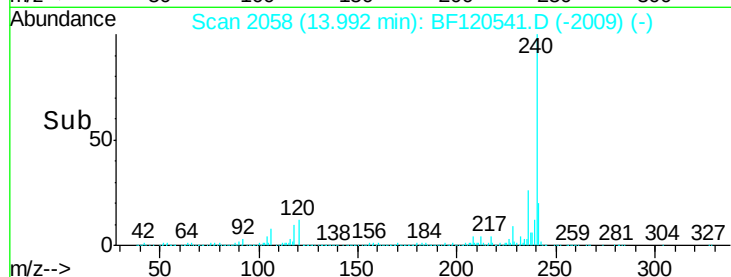
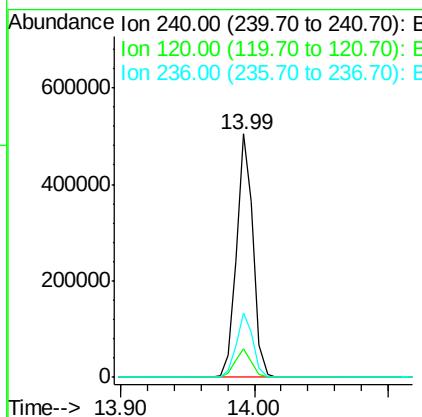
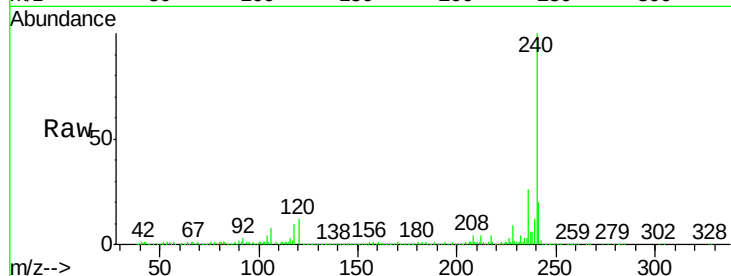
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF120541.D
Acq: 4 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
NM102-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.0	7.7	11.5#
236	26.5	20.8	31.2

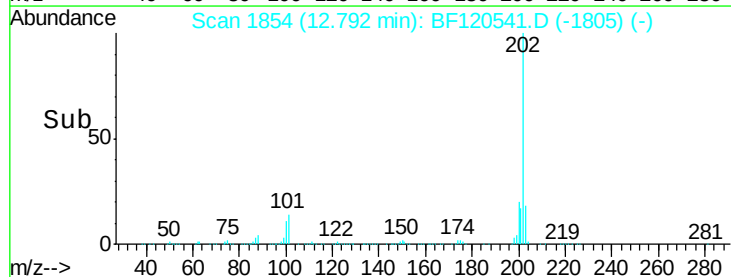
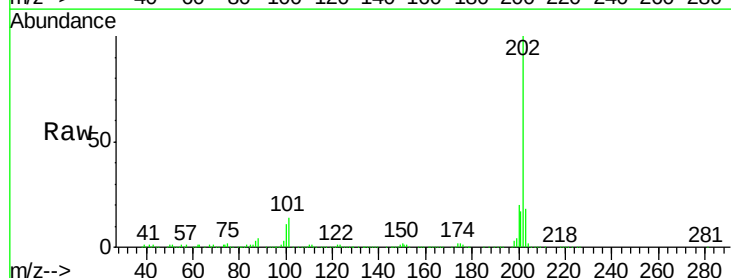
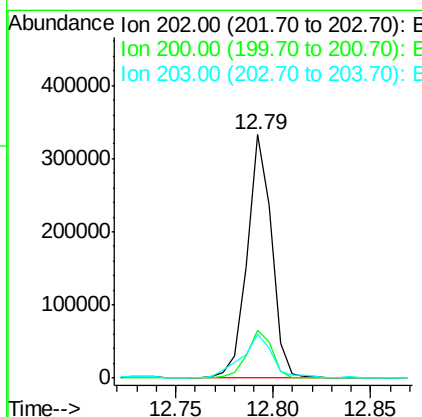
Manual Integrations
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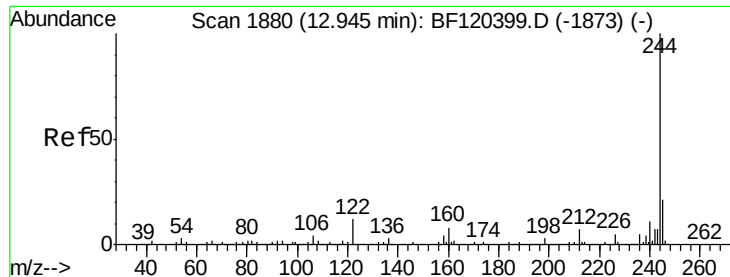
mohammad
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#78
Pyrene
Concen: 9.499 ng
RT: 12.79 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF120541.D
Acq: 4 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.0	25.6
203	18.0	14.2	21.2





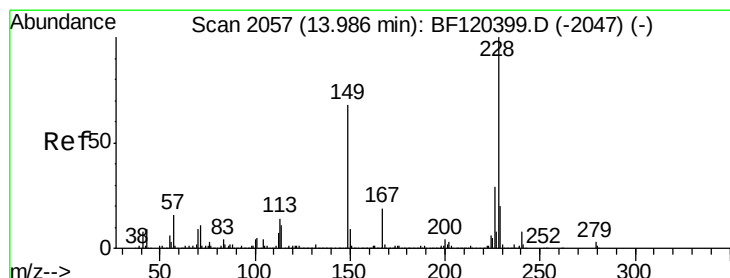
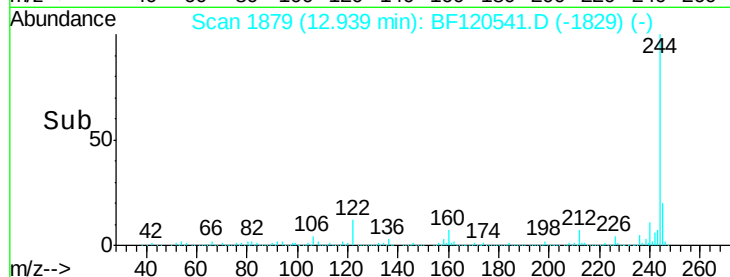
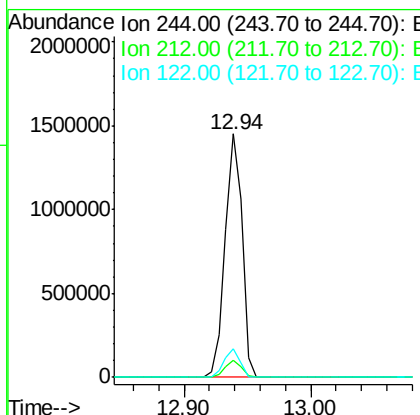
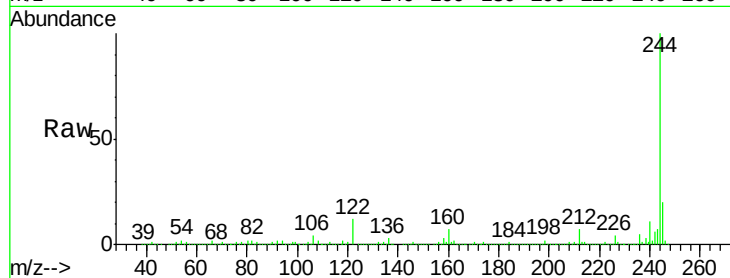
#79
 Terphenyl-d14
 Concen: 68.384 ng
 RT: 12.94 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BF120541.D
 Acq: 4 Jun 2020 18:48

Instrument :
 BNA_F
 ClientSampleId :
 NM102-COMP-2020-0-6

Tot Ion:244 Resp: 1343033
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 11.6 8.0 12.0

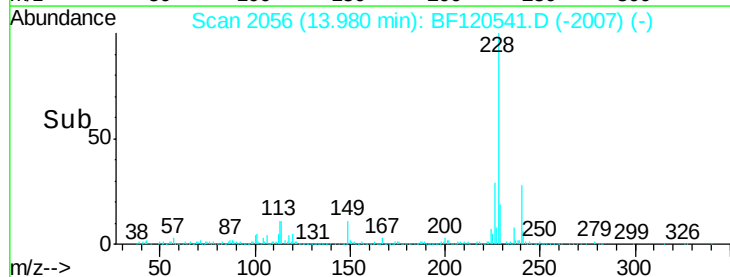
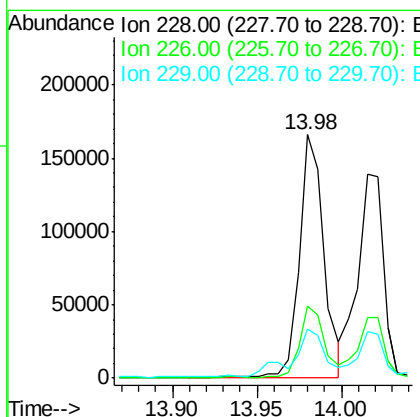
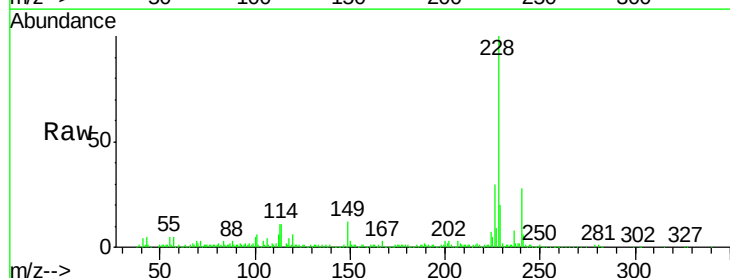
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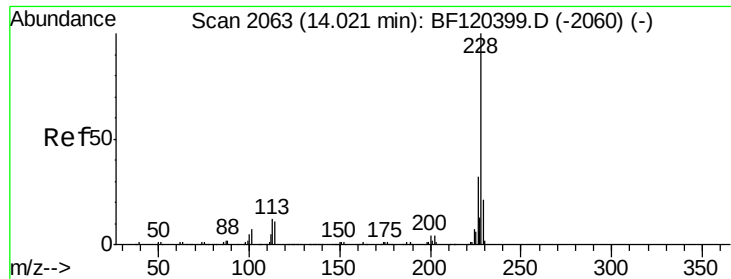
mohammad
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#81
 Benzo(a)anthracene
 Concen: 7.106 ng
 RT: 13.98 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BF120541.D
 Acq: 4 Jun 2020 18:48

Tgt Ion:228 Resp: 166444
 Ion Ratio Lower Upper
 228 100
 226 29.5 22.4 33.6
 229 19.9 16.2 24.2





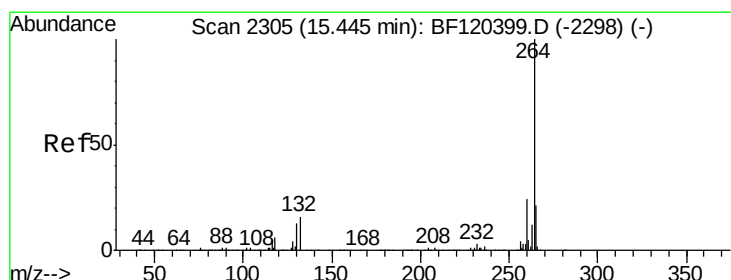
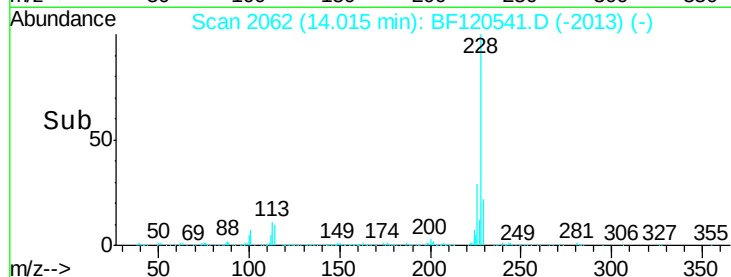
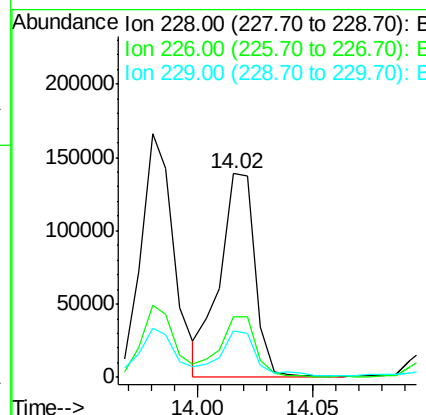
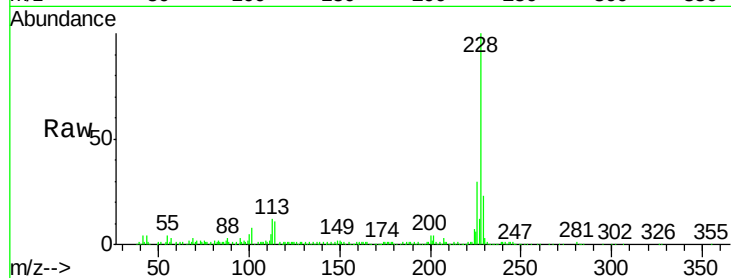
#83
Chrysene
Concen: 5.962 ng
RT: 14.02 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BF120541.D
Acq: 4 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
NM102-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.6	38.4
229	23.1	16.2	24.2

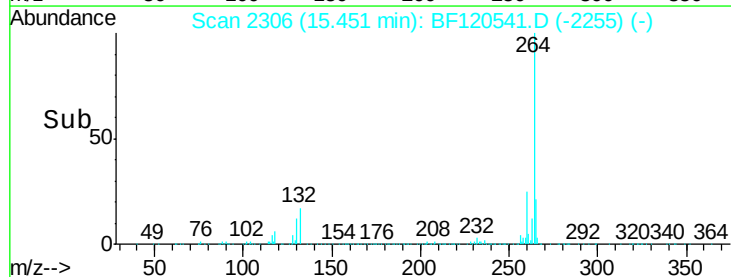
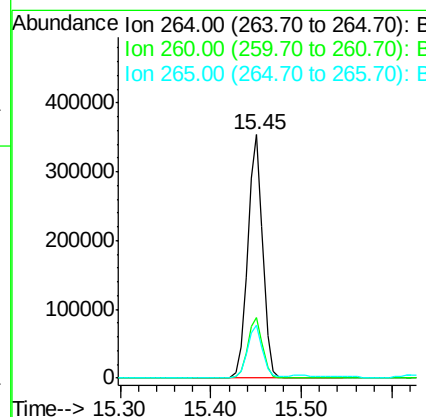
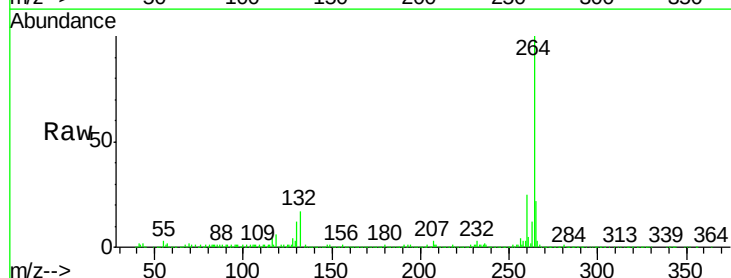
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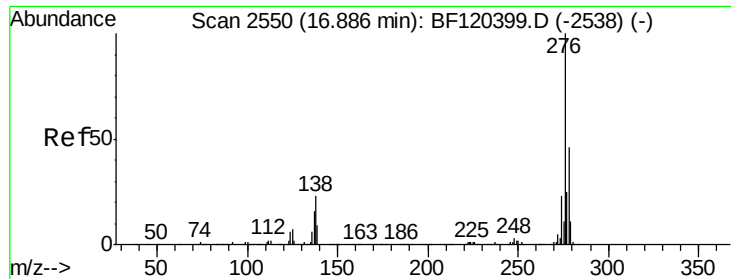
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BF120541.D
Acq: 4 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.6	17.5	26.3





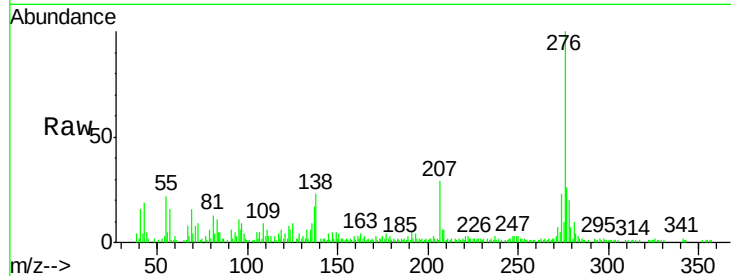
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.112 ng
 RT: 16.89 min Scan# 2551
 Delta R.T. -0.01 min
 Lab File: BF120541.D
 Acq: 4 Jun 2020 18:48

Instrument :
 BNA_F
 ClientSampleId :
 NM102-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.3	19.2	28.8
277	24.8	20.3	30.5

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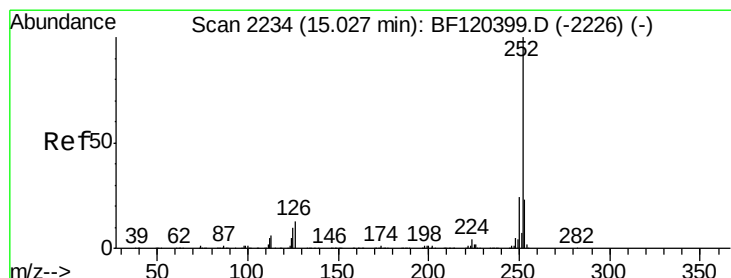
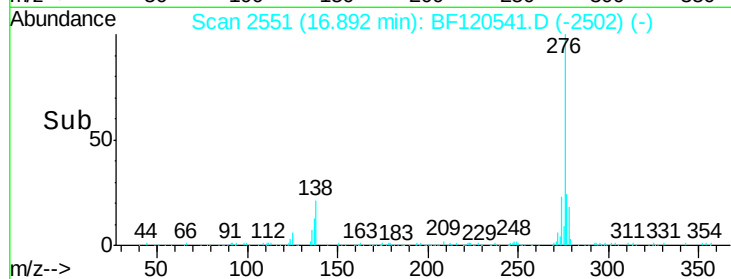
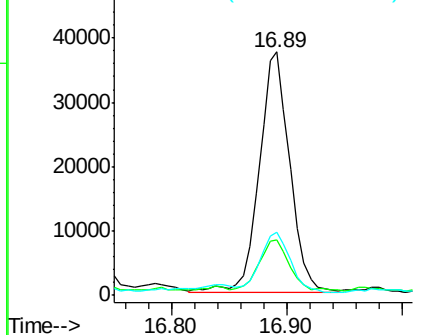


Abundance

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: 8.342 ng m
 RT: 15.03 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BF120541.D
 Acq: 4 Jun 2020 18:48

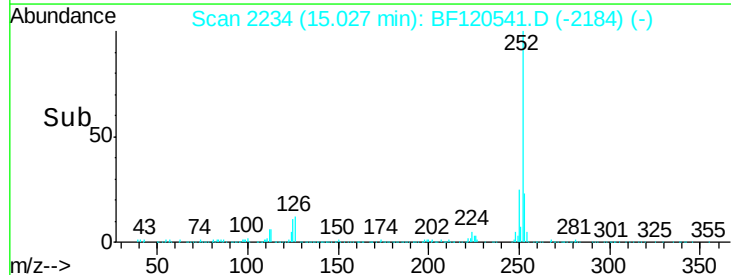
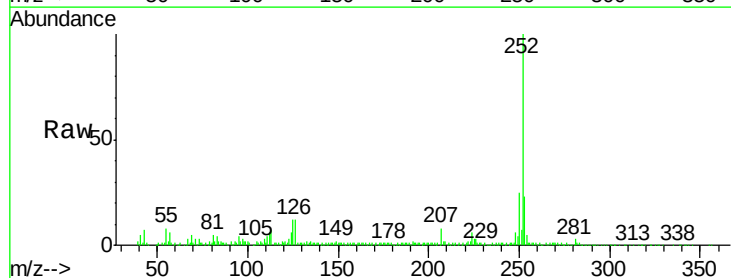
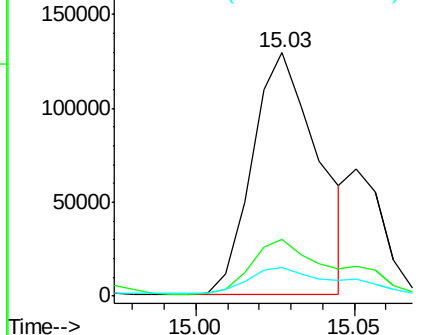
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	11.8	8.3	12.5

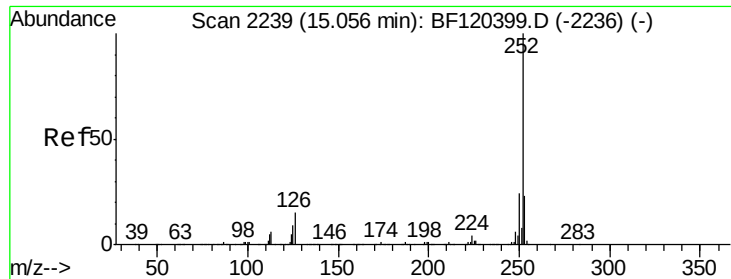
Abundance

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: 2.419 ng

RT: 15.05 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF120541.D

Acq: 4 Jun 2020 18:48

Instrument :

BNA_F

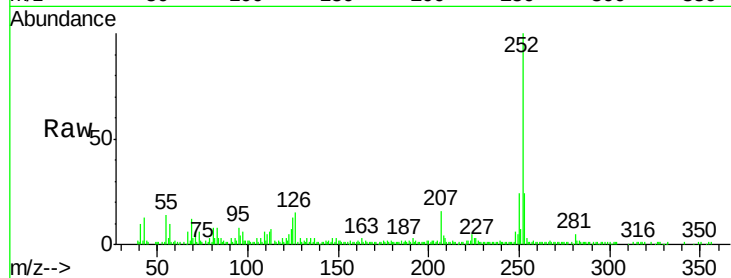
ClientSampleId :

NM102-COMP-2020-0-6

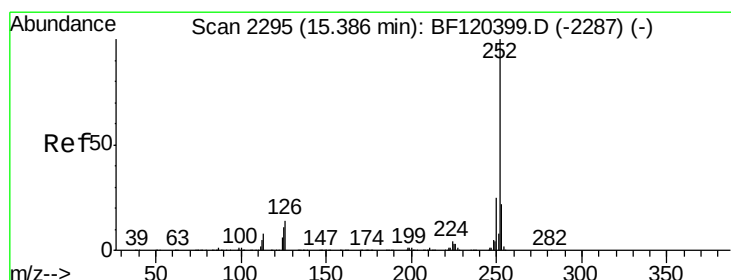
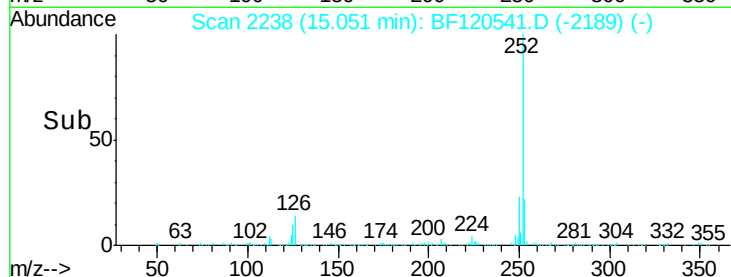
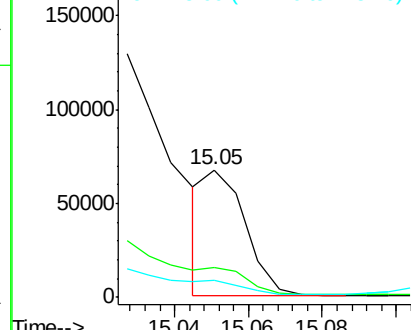
Tot Ion:	252	Resp:	50577
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.4	27.6
125	12.9	8.6	13.0

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



#90

Benzo(a)pyrene

Concen: 6.412 ng

RT: 15.39 min Scan# 2295

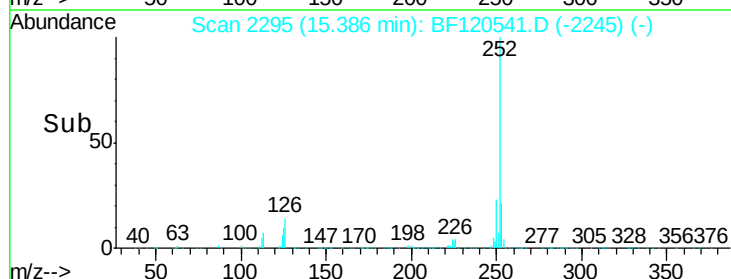
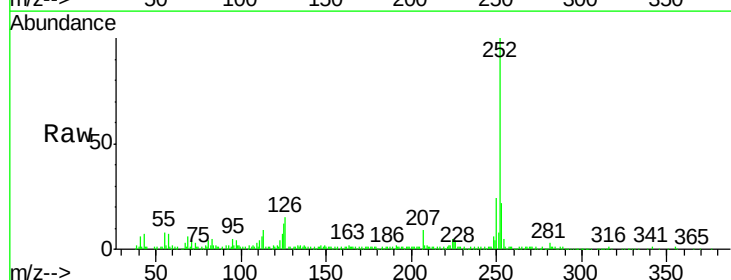
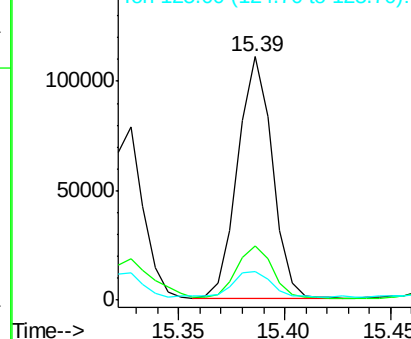
Delta R.T. -0.01 min

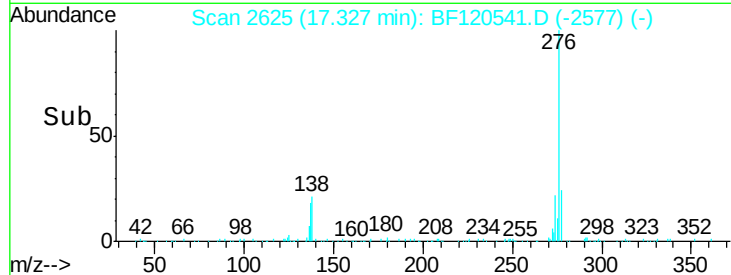
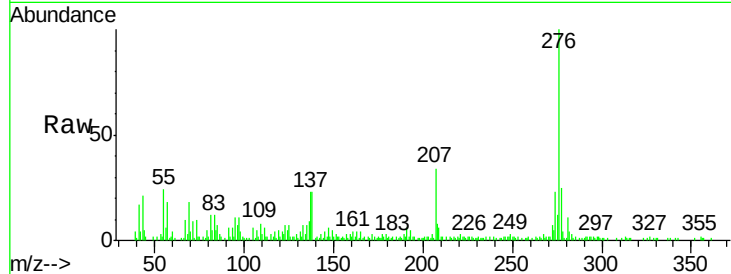
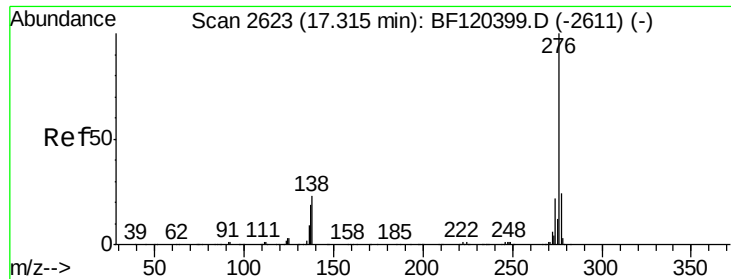
Lab File: BF120541.D

Acq: 4 Jun 2020 18:48

Tgt Ion:	252	Resp:	125606
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.2	27.2
125	11.5	9.6	14.4

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





#92
 Benzo(a,h,i)perylene
 Concen: 3.582 ng
 RT: 17.33 min Scan# 2625
 Delta R.T. -0.02 min
 Lab File: BF120541.D
 Acq: 4 Jun 2020 18:48

Tot Ion:	276	Resp:	63529
Ion Ratio		Lower	Upper
276	100		
277	25.3	19.3	28.9
138	23.2	16.9	25.3

Instrument :
 BNA_F
 ClientSampleId :
 NM102-COMP-2020-0-6

Manual Integrations
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