

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
 Data File : BF120487.D
 Acq On : 2 Jun 2020 11:45
 Operator : JU/CG
 Sample : L2773-22
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM92-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 02 12:43:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 02 11:37:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	242945	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	864460	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	412891	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	667364	20.00	ng	0.00
76) Chrysene-d12	14.01	240	441304	20.00	ng	0.00
86) Perylene-d12	15.47	264	477868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1504075	117.99	ng	0.00
7) Phenol-d6	6.48	99	1909706	121.54	ng	0.00
23) Nitrobenzene-d5	7.41	82	1257873	95.18	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	469907	122.83	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2118837	87.07	ng	0.00
79) Terphenyl-d14	12.96	244	1783040	89.91	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	250927	9.721	ng	99
71) Phenanthrene	11.39	178	278444	9.469	ng	98
72) Anthracene	11.44	178	72127	2.445	ng	96
75) Fluoranthene	12.58	202	450192	14.228	ng	97
78) Pyrene	12.81	202	394783	12.864	ng	98
81) Benzo(a)anthracene	14.00	228	204473	8.645	ng	98
83) Chrysene	14.03	228	200103m	8.070	ng	
87) Indeno(1,2,3-cd)pyrene	16.92	276	111577	4.269	ng	94
88) Benzo(b)fluoranthene	15.04	252	284897m	10.734	ng	
89) Benzo(k)fluoranthene	15.07	252	67735m	2.734	ng	
90) Benzo(a)pyrene	15.40	252	184868	7.963	ng	99
92) Benzo(a,h,i)perylene	17.36	276	104103	4.953	ng	99

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

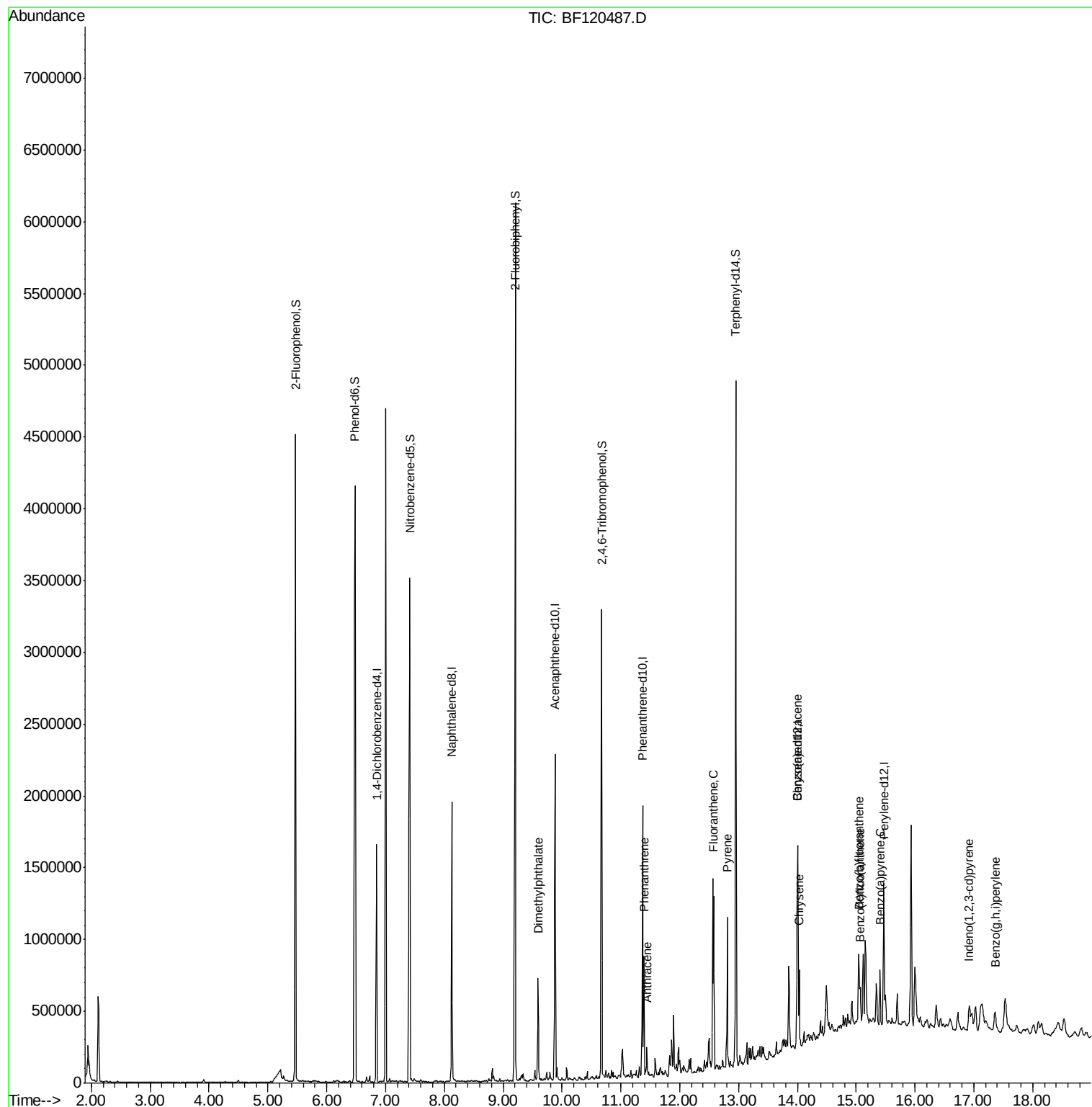
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
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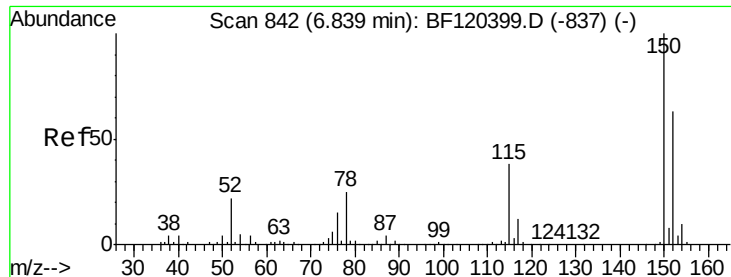
Instrument :
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NM92-COMP-2020-0-6

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

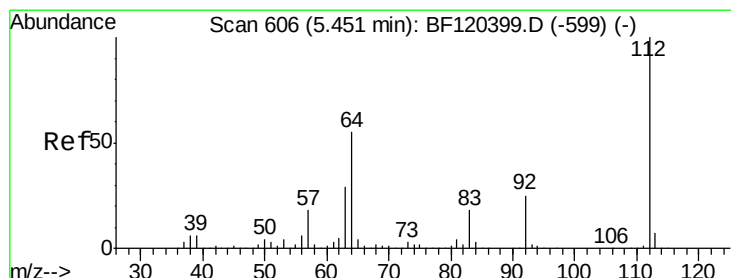
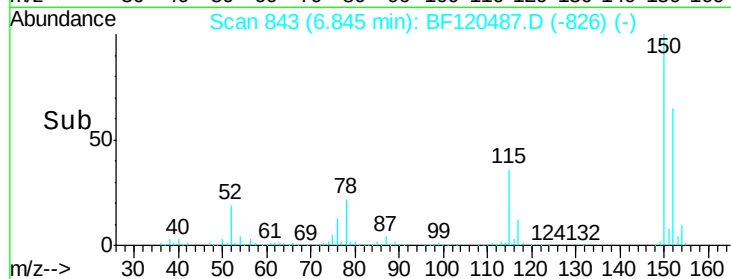
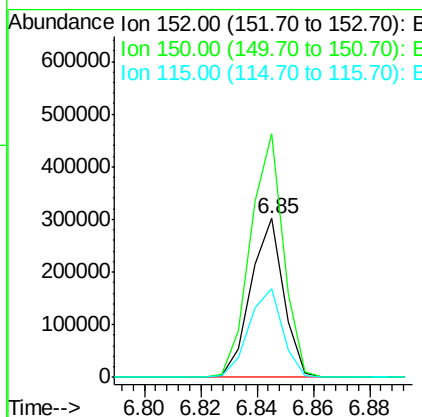
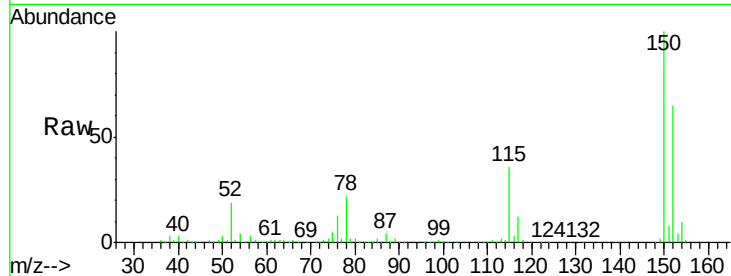
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF120487.D
Acq: 2 Jun 2020 11:45

Instrument :
BNA_F
ClientSampleId :
NM92-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.7	190.1
115	55.8	46.2	69.2

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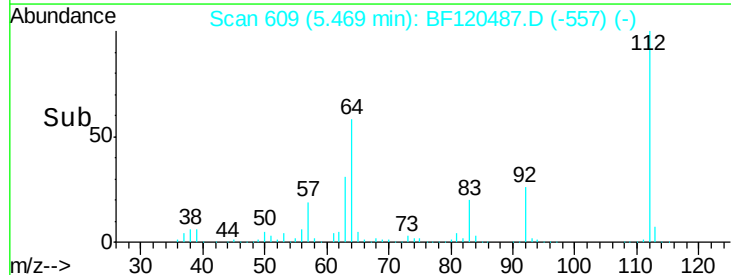
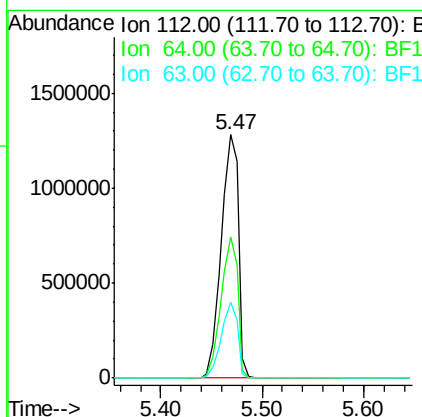
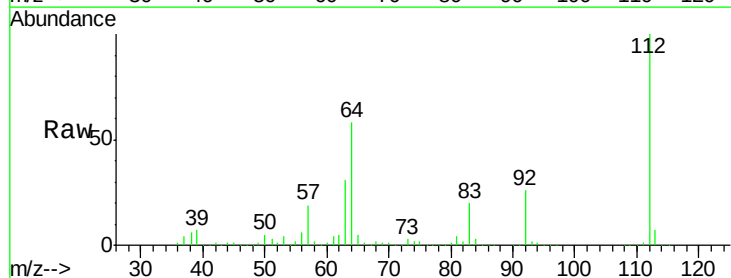
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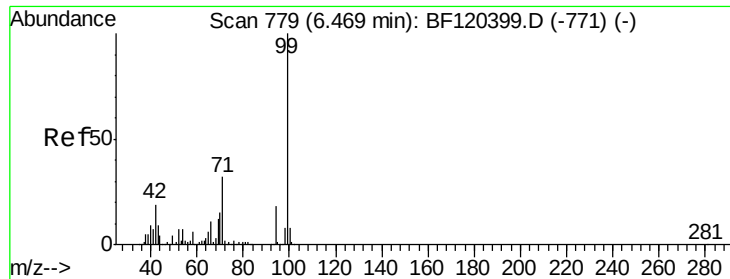


#5

2-Fluorophenol
Concen: 117.985 ng
RT: 5.47 min Scan# 609
Delta R.T. 0.01 min
Lab File: BF120487.D
Acq: 2 Jun 2020 11:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.3	69.5
63	30.9	24.2	36.2





#7

Phenol-d6

Concen: 121.538 ng

RT: 6.48 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF120487.D

Acq: 2 Jun 2020 11:45

Instrument :

BNA_F

ClientSampleId :

NM92-COMP-2020-0-6

Tot Ion: 99 Resp: 1909706

Ion Ratio Lower Upper

99 100

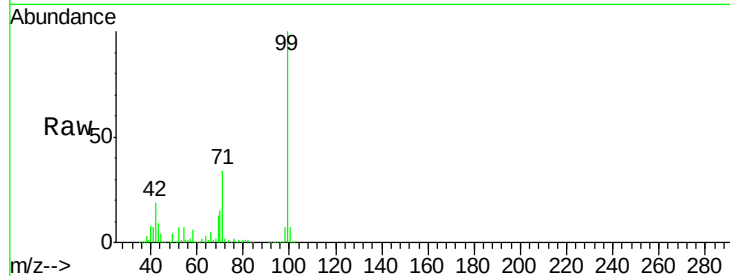
42 19.4 15.1 22.7

71 34.4 26.2 39.4

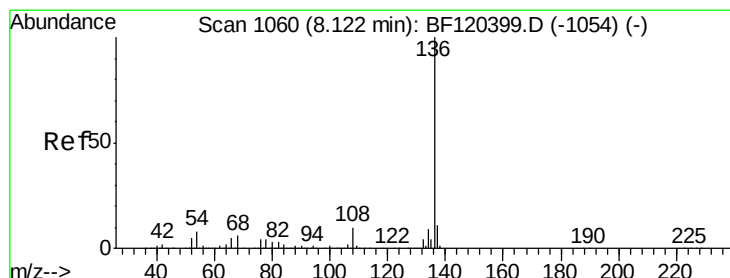
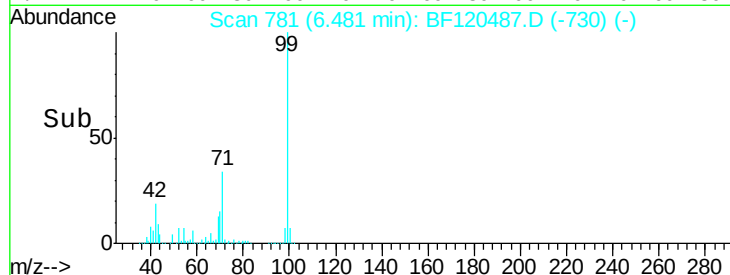
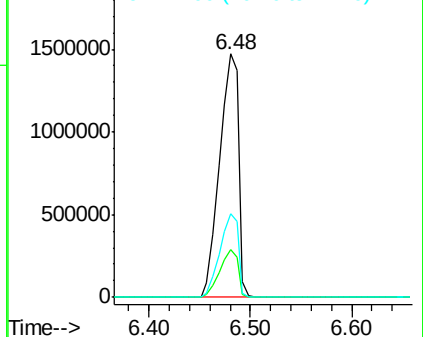
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BF120487.D

Acq: 2 Jun 2020 11:45

Tgt Ion: 136 Resp: 864460

Ion Ratio Lower Upper

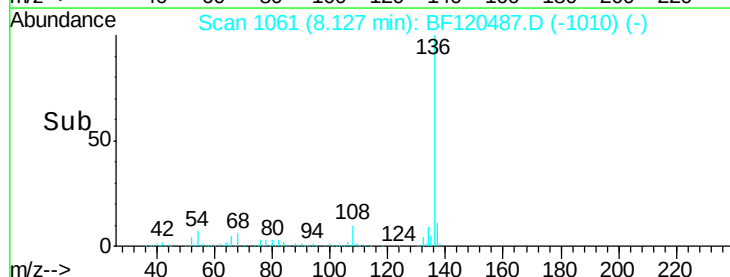
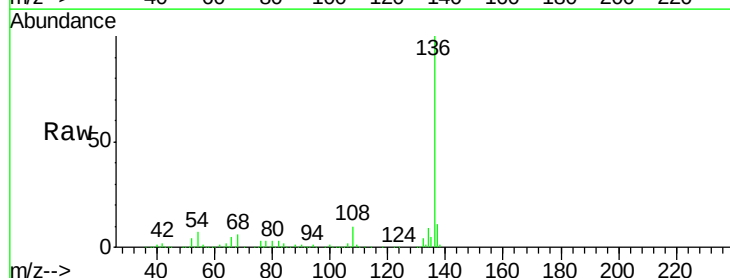
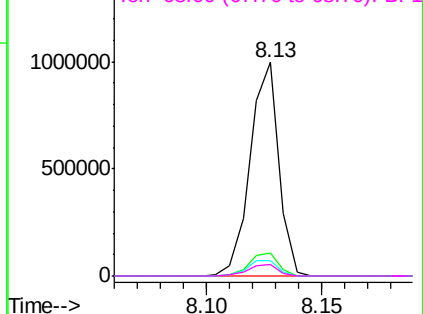
136 100

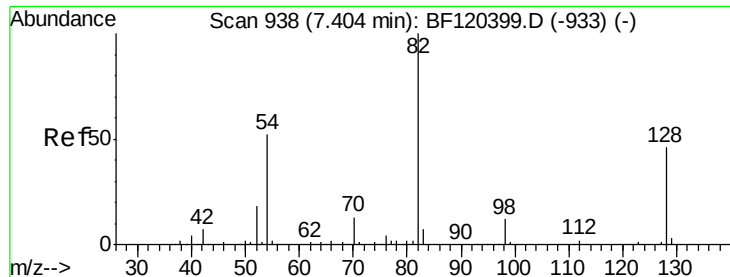
137 11.0 9.0 13.6

54 7.2 6.2 9.4

68 5.6 5.0 7.6

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





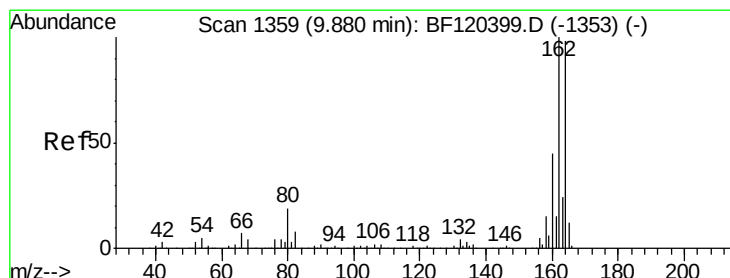
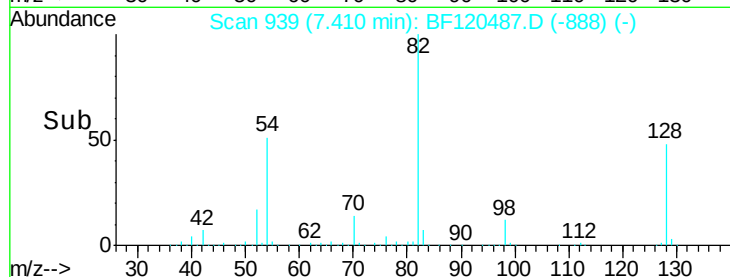
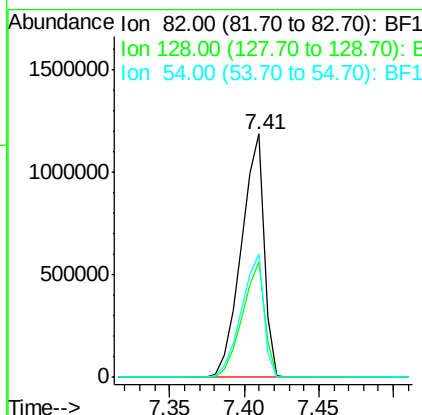
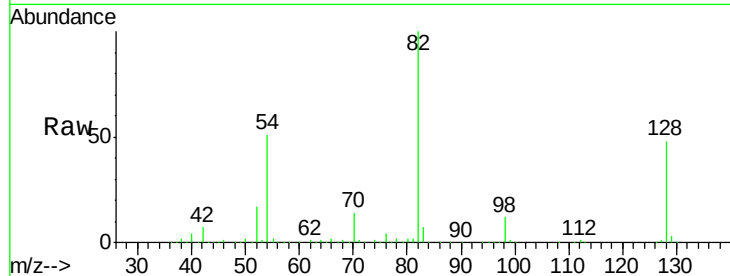
#23
 Nitrobenzene-d5
 Concen: 95.182 ng
 RT: 7.41 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF120487.D
 Acq: 2 Jun 2020 11:45

Instrument :
 BNA_F
 ClientSampleId :
 NM92-COMP-2020-0-6

Tot Ion: 82 Resp: 1257873
 Ion Ratio Lower Upper
 82 100
 128 47.7 37.0 55.6
 54 50.5 41.0 61.4

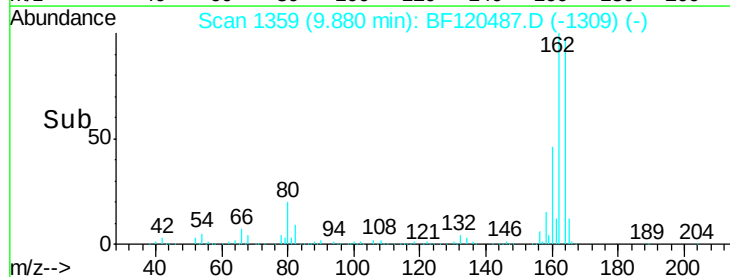
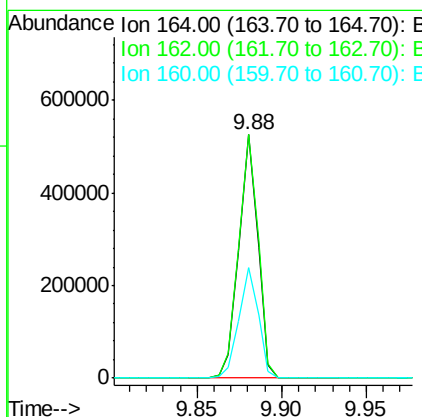
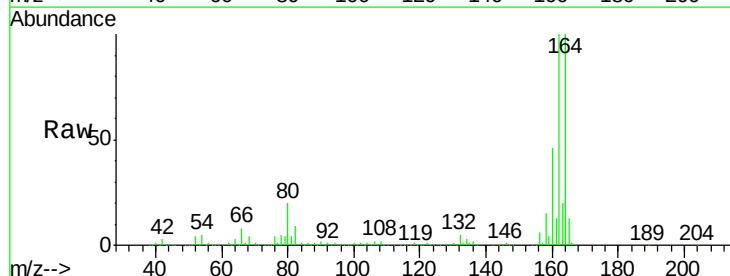
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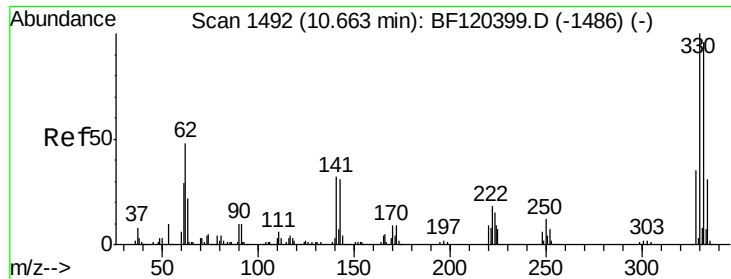
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF120487.D
 Acq: 2 Jun 2020 11:45

Tgt Ion:164 Resp: 412891
 Ion Ratio Lower Upper
 164 100
 162 100.2 81.9 122.9
 160 45.6 37.4 56.0





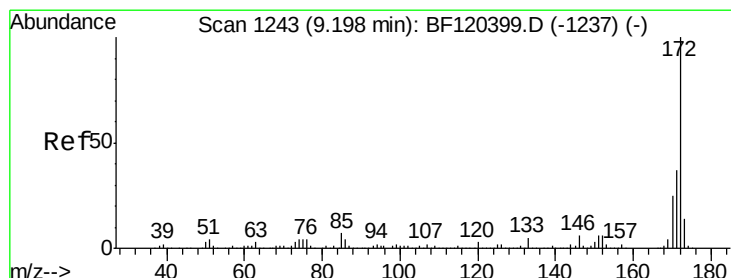
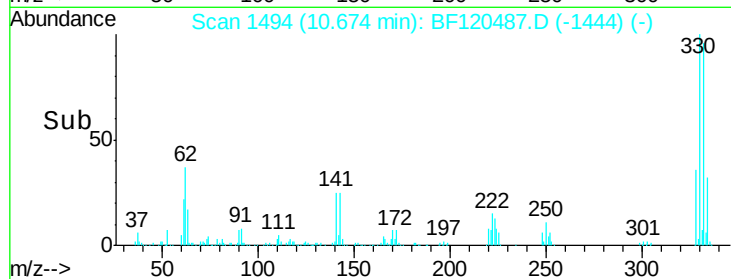
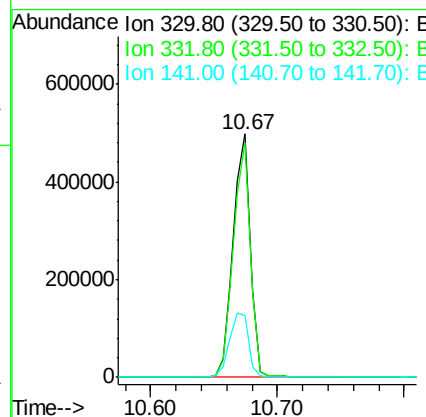
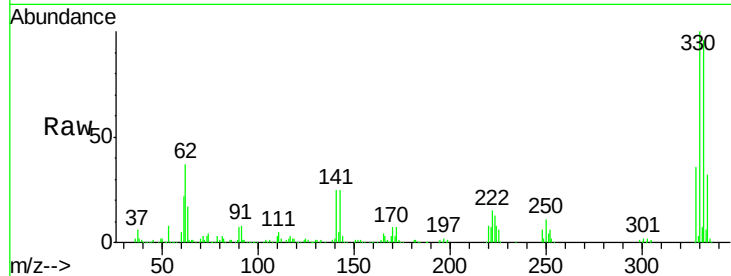
#42
 2,4,6-Tribromophenol
 Concen: 122.832 ng
 RT: 10.67 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF120487.D
 Acq: 2 Jun 2020 11:45

Instrument :
 BNA_F
 ClientSampleId :
 NM92-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.8	115.2
141	29.6	23.9	35.9

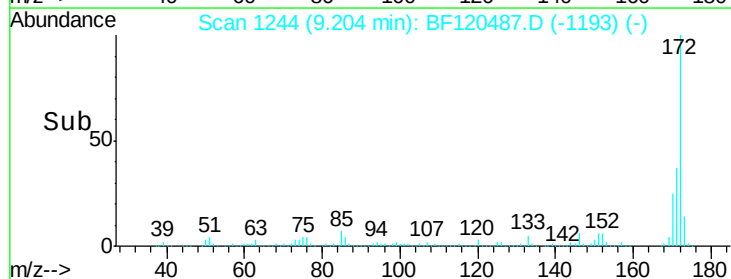
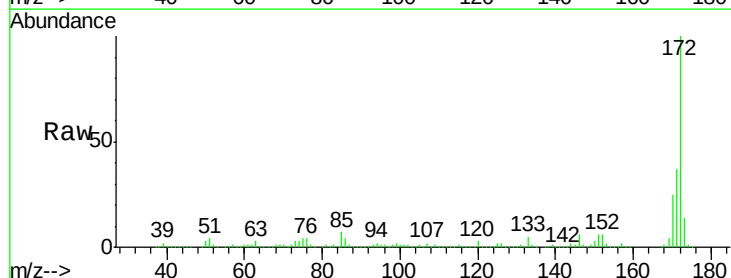
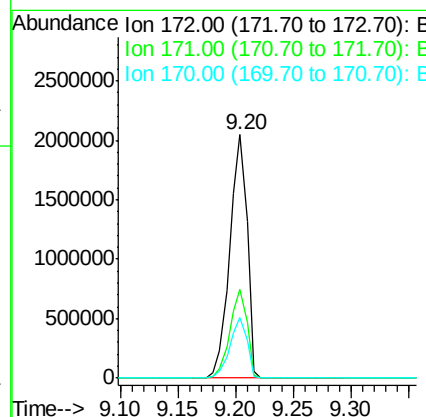
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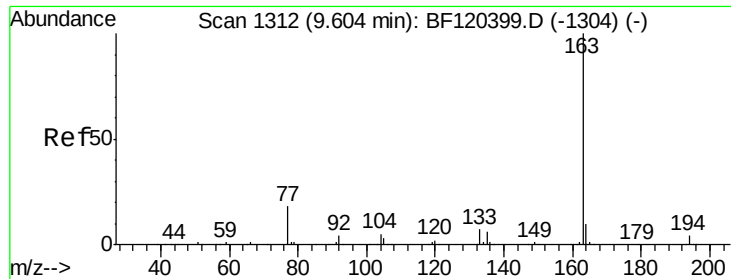
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#45
 2-Fluorobiphenyl
 Concen: 87.069 ng
 RT: 9.20 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BF120487.D
 Acq: 2 Jun 2020 11:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	24.7	19.9	29.9





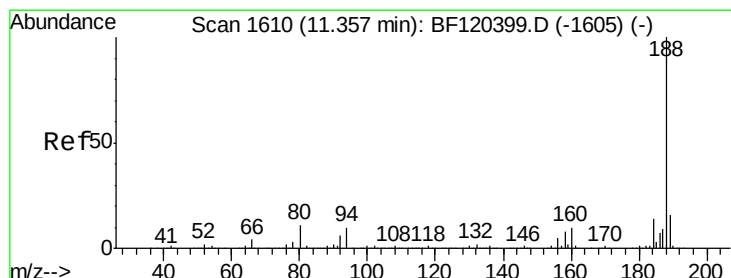
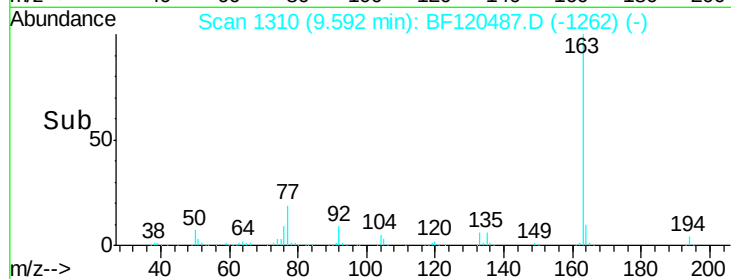
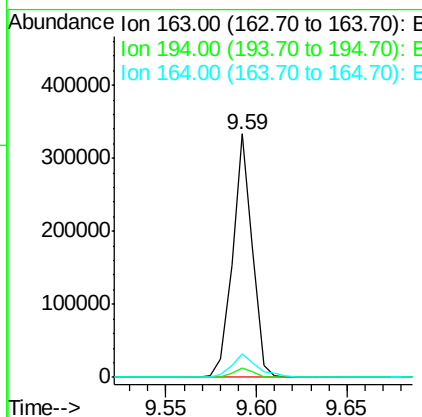
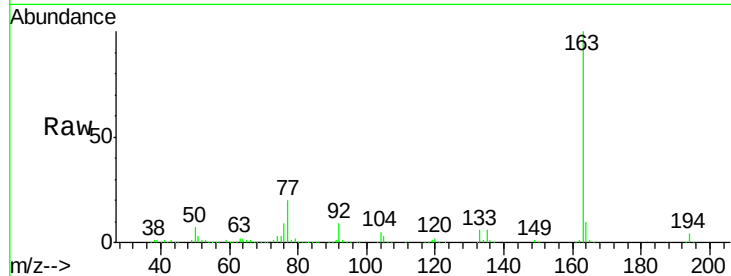
#50
Dimethylphthalate
Concen: 9.721 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF120487.D
Acq: 2 Jun 2020 11:45

Instrument :
BNA_F
ClientSampleId :
NM92-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	250927		
194	3.8		3.3	4.9
164	9.9		8.2	12.2

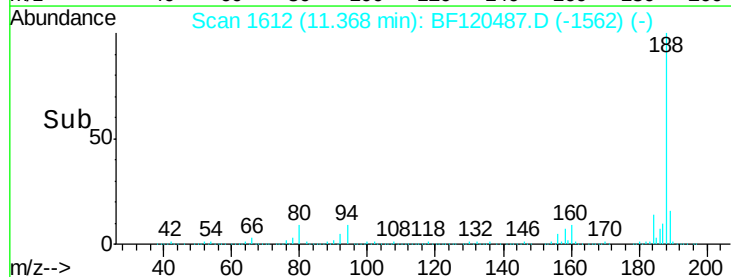
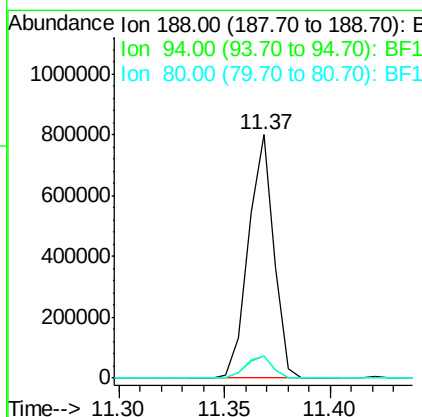
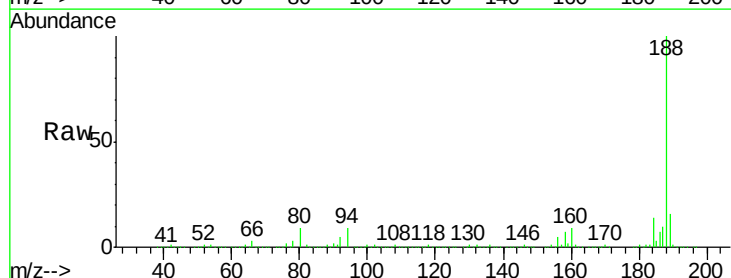
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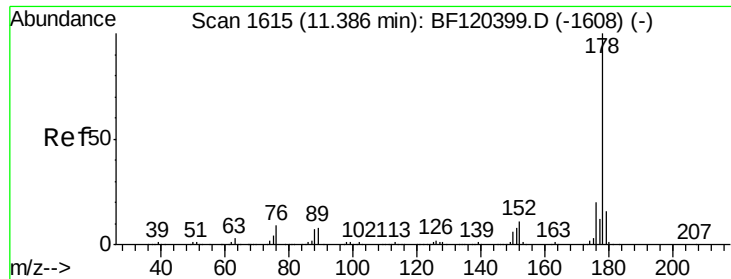
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BF120487.D
Acq: 2 Jun 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	667364		
94	9.0		6.6	10.0
80	9.3		7.1	10.7





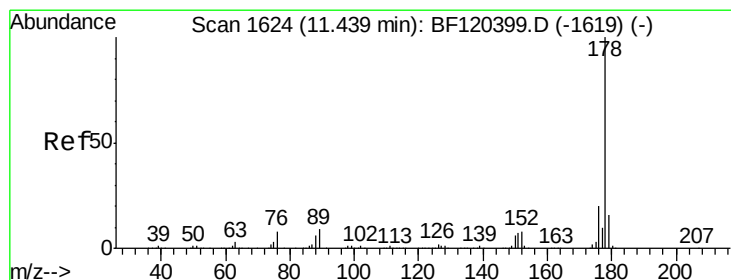
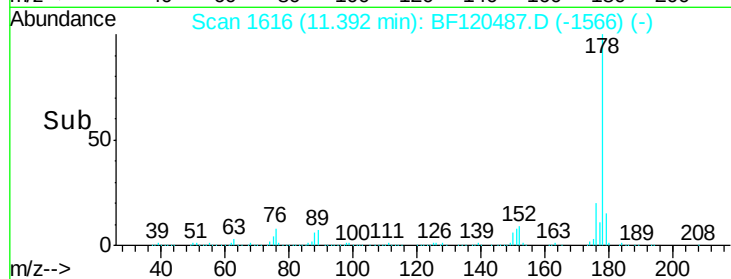
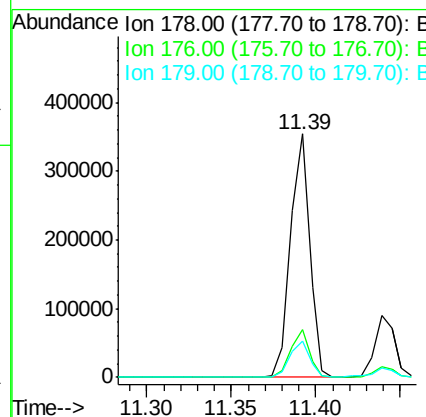
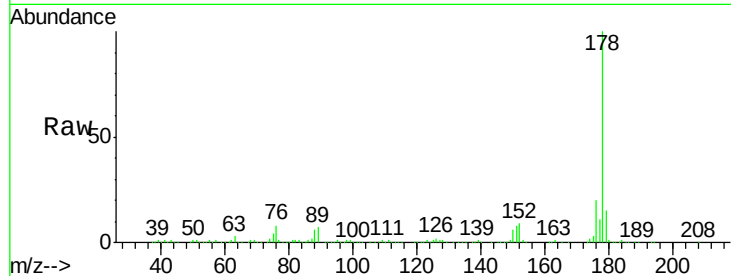
#71
Phenanthrene
Concen: 9.469 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF120487.D
Acq: 2 Jun 2020 11:45

Instrument :
BNA_F
ClientSampleId :
NM92-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.2
179	15.2	12.8	19.2

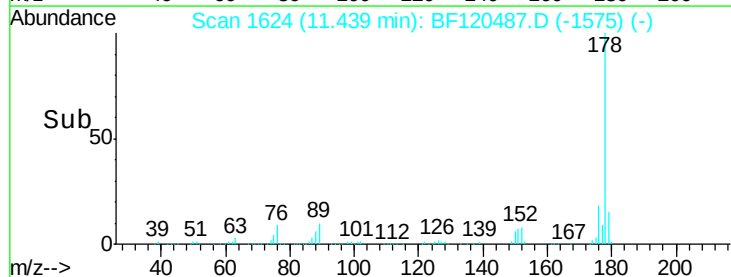
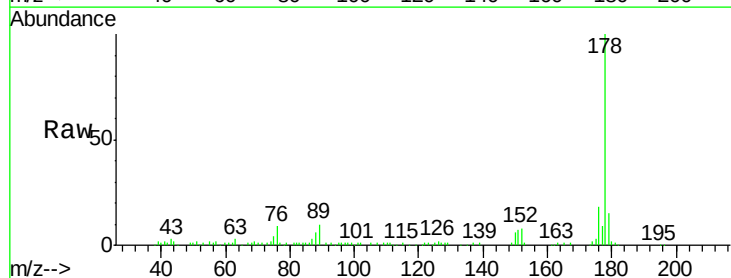
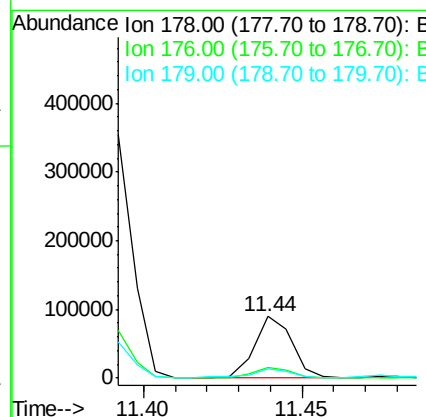
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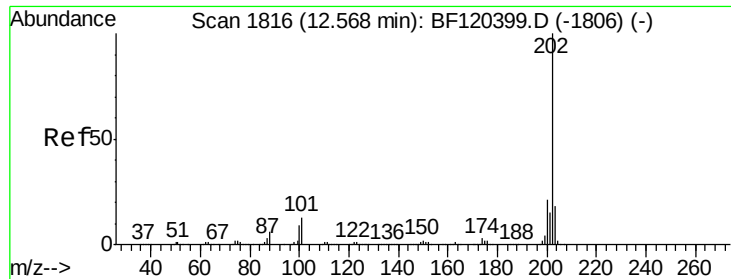
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#72
Anthracene
Concen: 2.445 ng
RT: 11.44 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BF120487.D
Acq: 2 Jun 2020 11:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.9	23.9
179	14.9	12.7	19.1





#75

Fluoranthene

Concen: 14.228 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF120487.D

Acq: 2 Jun 2020 11:45

Instrument :

BNA_F

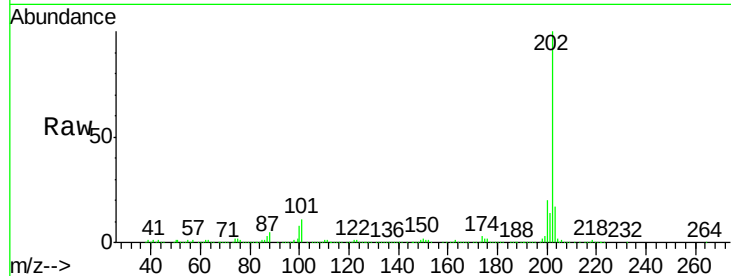
ClientSampleId :

NM92-COMP-2020-0-6

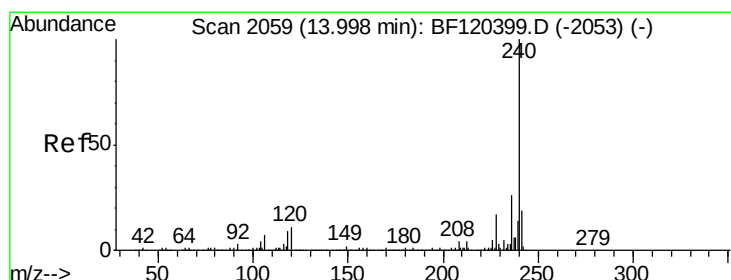
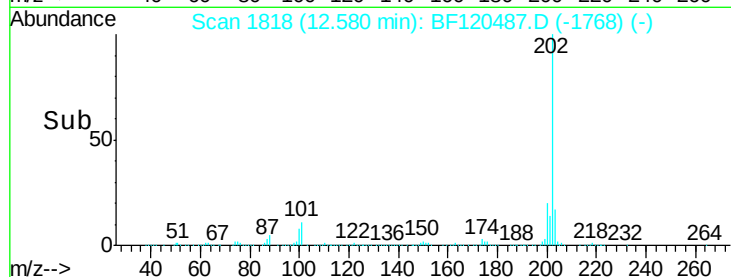
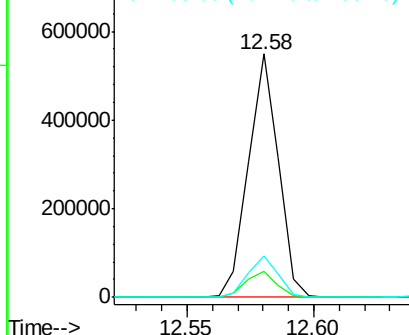
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	0.0	31.4
203	17.3	0.0	38.8

Manual Integrations
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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: 20.000 ng

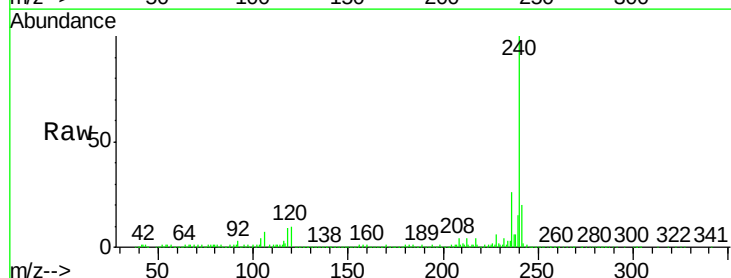
RT: 14.01 min Scan# 2061

Delta R.T. -0.01 min

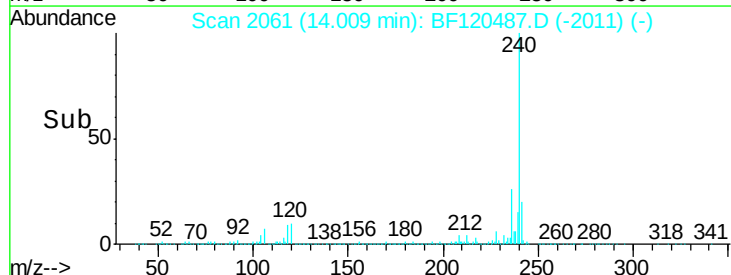
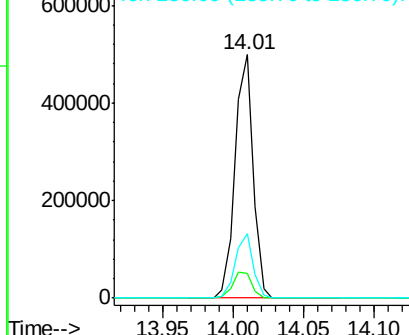
Lab File: BF120487.D

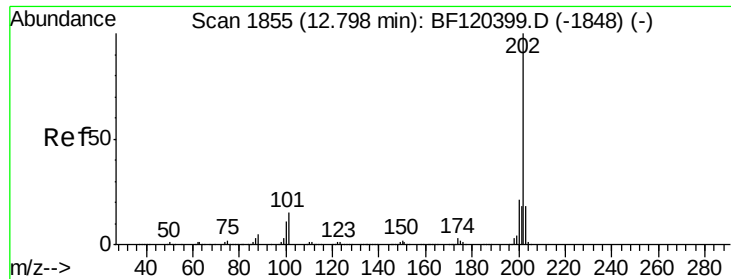
Acq: 2 Jun 2020 11:45

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.2	9.9	14.9
236	26.2	21.0	31.6



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





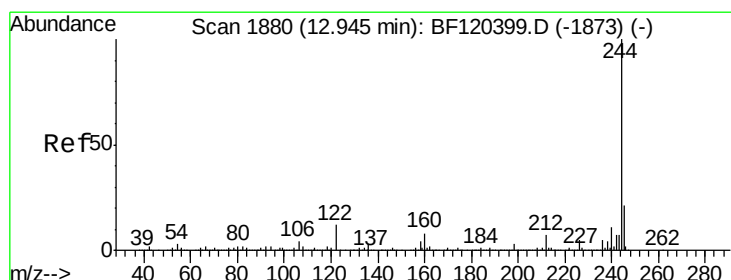
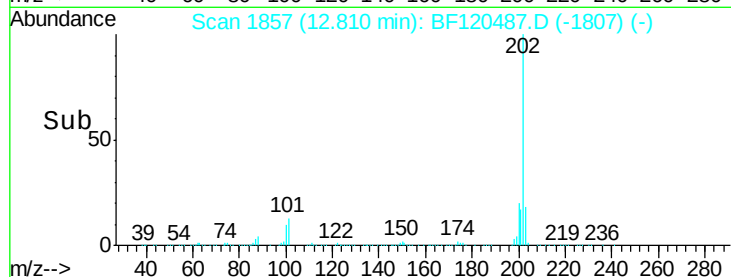
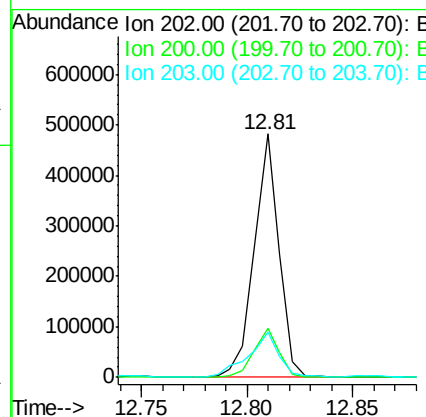
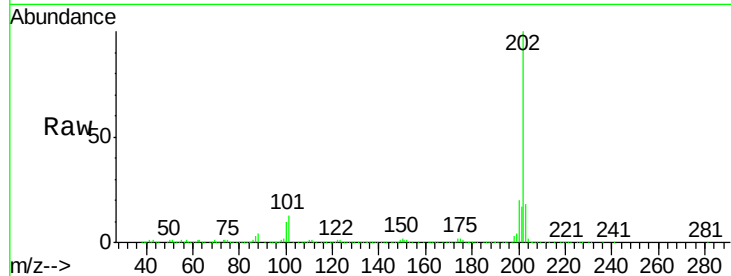
#78
Pvrene
Concen: 12.864 ng
RT: 12.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BF120487.D
Acq: 2 Jun 2020 11:45

Instrument :
BNA_F
ClientSampleId :
NM92-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.0	25.6
203	18.4	14.6	22.0

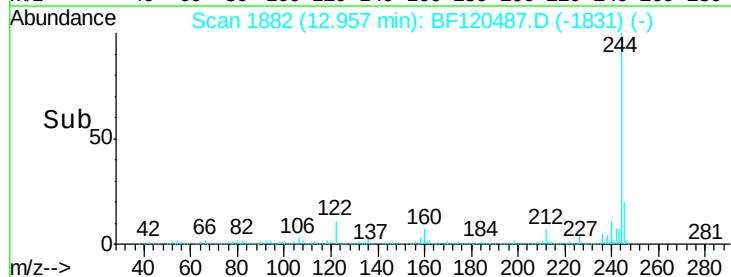
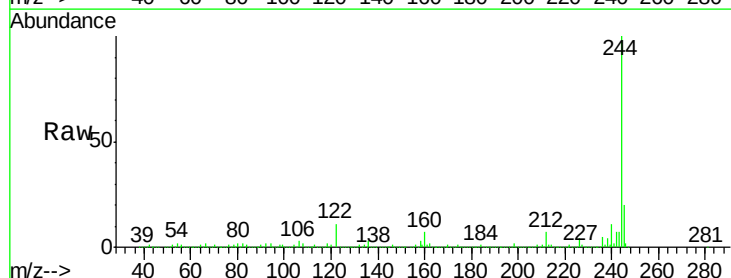
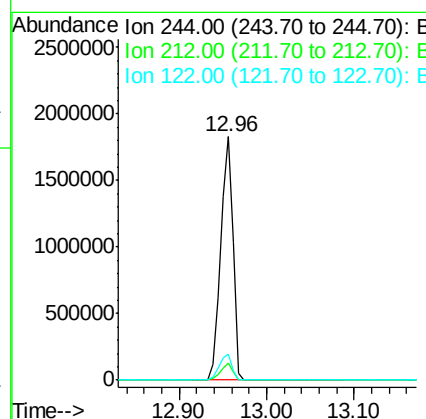
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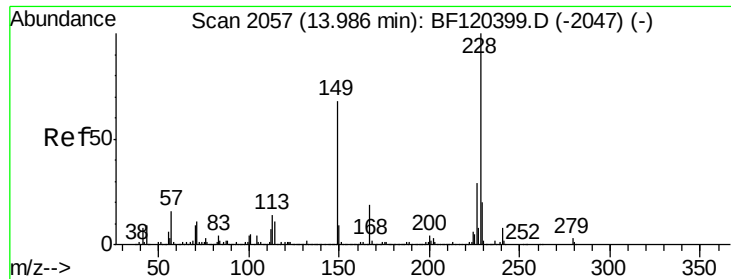
mohammad
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#79
Terphenyl-d14
Concen: 89.908 ng
RT: 12.96 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BF120487.D
Acq: 2 Jun 2020 11:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.8	8.7	13.1





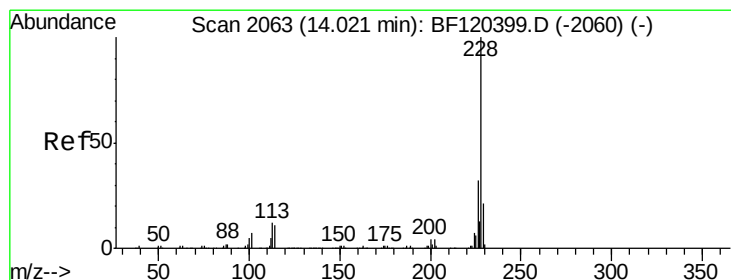
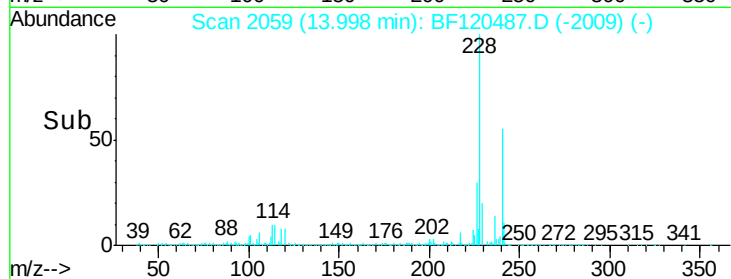
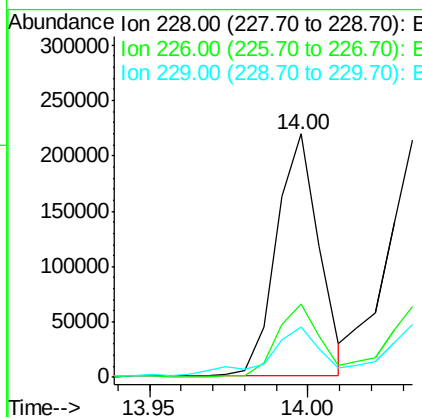
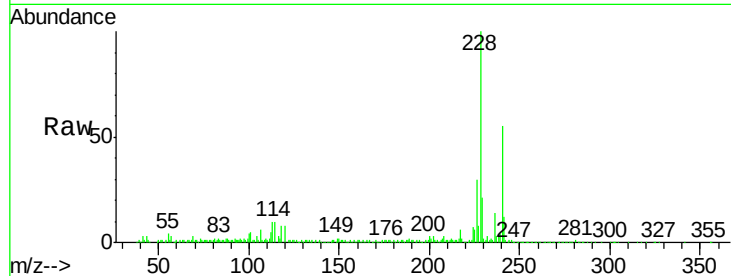
#81
Benzo(a)anthracene
Concen: 8.645 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF120487.D
Acq: 2 Jun 2020 11:45

Instrument :
BNA_F
ClientSampleId :
NM92-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.9	34.3
229	20.8	16.3	24.5

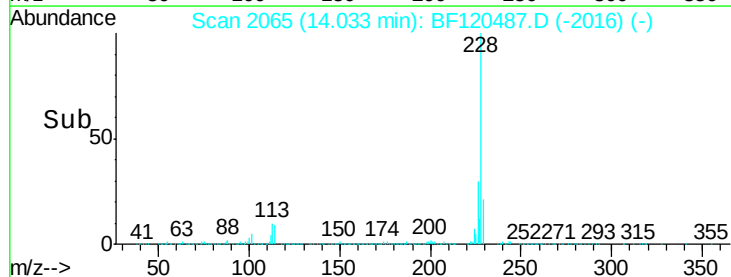
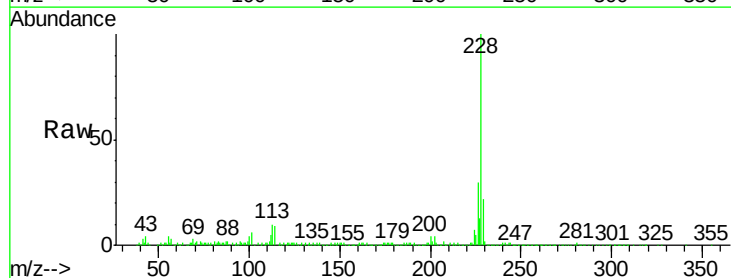
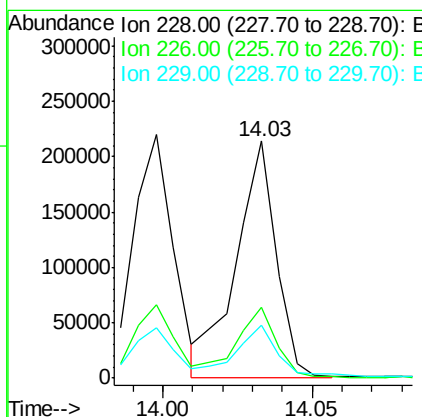
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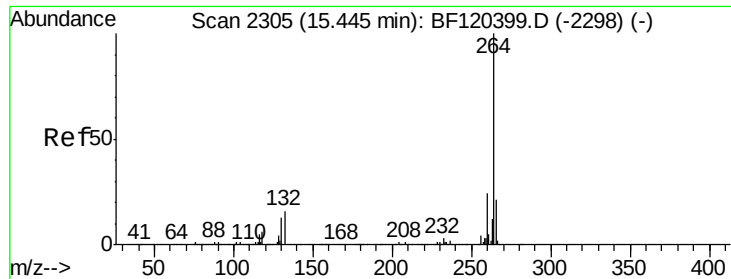
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#83
Chrysene
Concen: 8.070 ng m
RT: 14.03 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BF120487.D
Acq: 2 Jun 2020 11:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.7	38.5
229	22.3	16.4	24.6





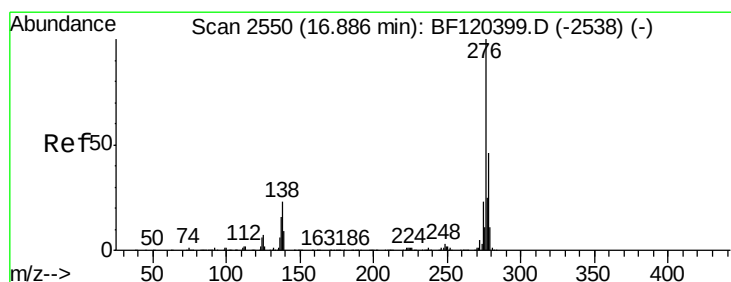
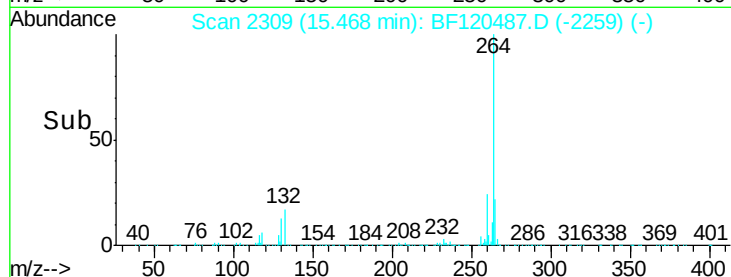
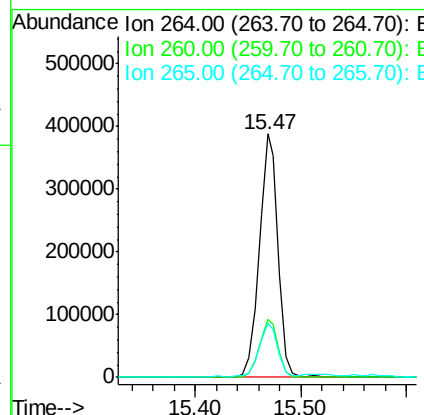
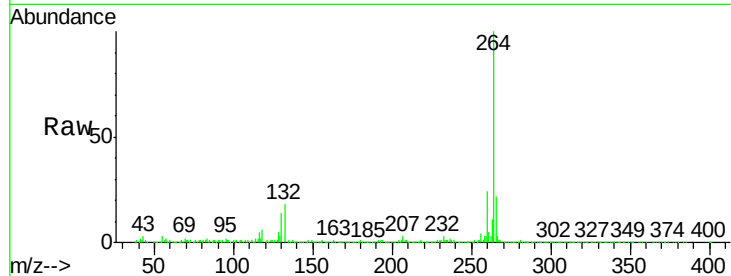
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BF120487.D
Acq: 2 Jun 2020 11:45

Instrument :
BNA_F
ClientSampleId :
NM92-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.3	17.6	26.4

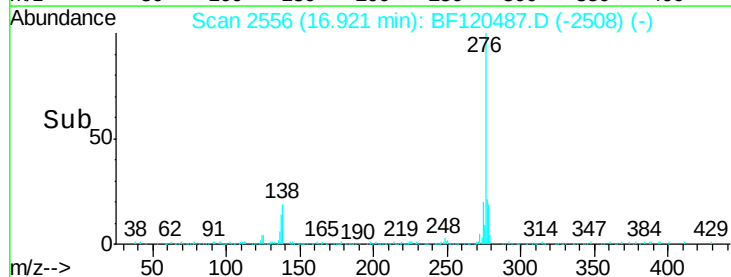
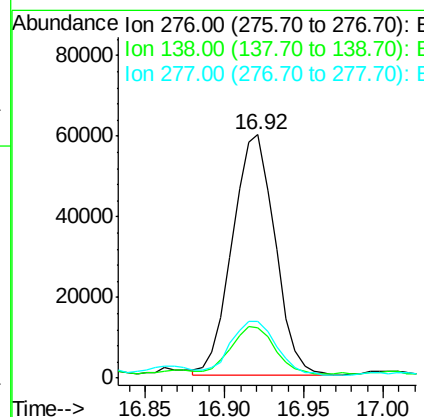
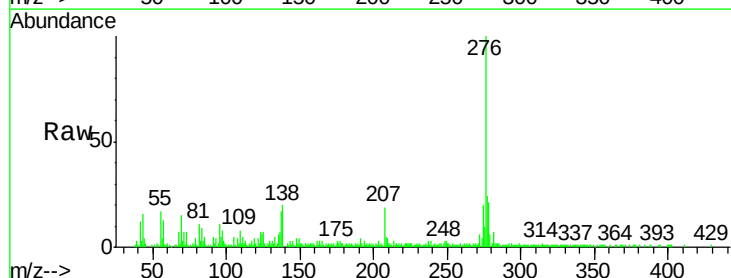
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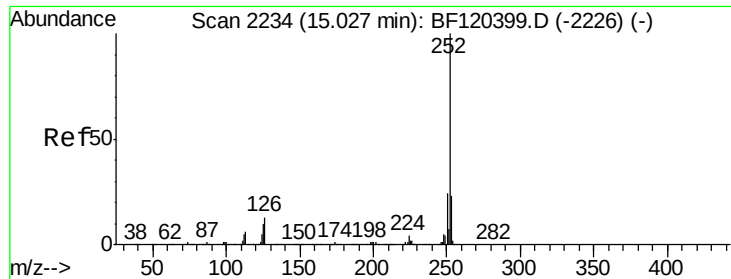
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.269 ng
RT: 16.92 min Scan# 2556
Delta R.T. -0.02 min
Lab File: BF120487.D
Acq: 2 Jun 2020 11:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.1	19.3	28.9
277	24.2	20.7	31.1





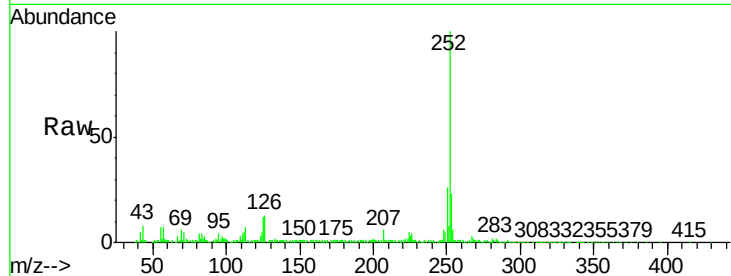
#88
Benzo(b)fluoranthene
Concen: 10.734 ng m
RT: 15.04 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF120487.D
Acq: 2 Jun 2020 11:45

Instrument :
BNA_F
ClientSampleId :
NM92-COMP-2020-0-6

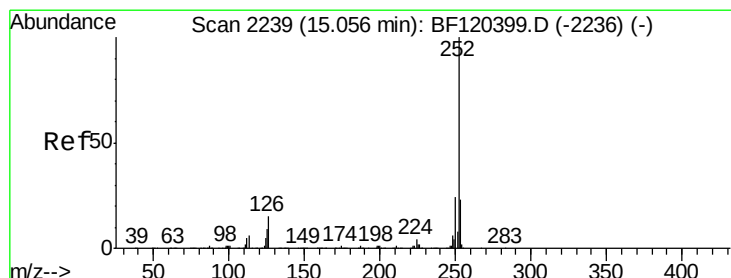
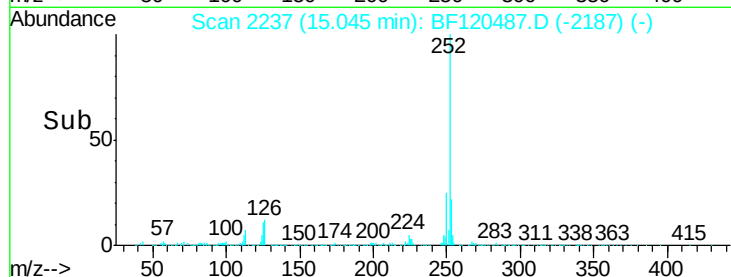
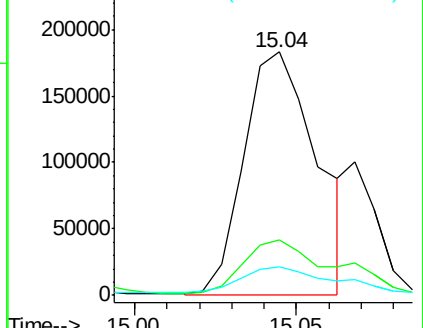
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	11.9	8.2	12.4

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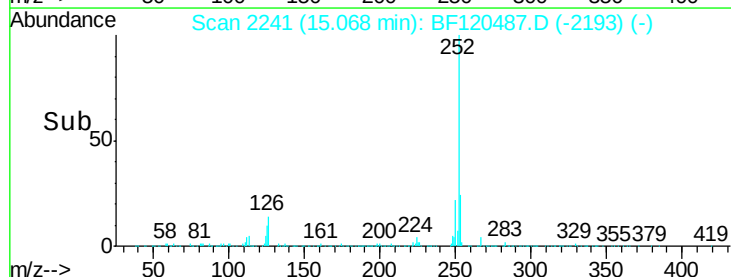
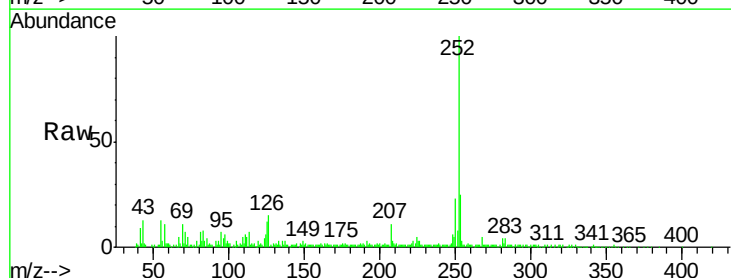
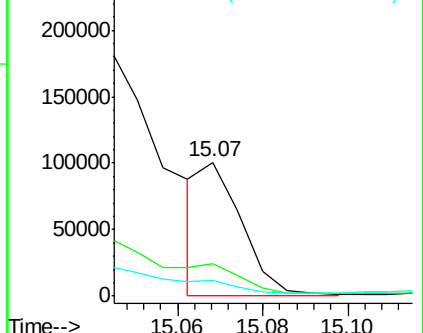
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

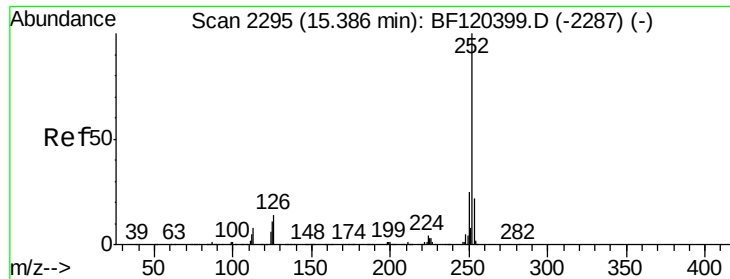


#89
Benzo(k)fluoranthene
Concen: 2.734 ng m
RT: 15.07 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BF120487.D
Acq: 2 Jun 2020 11:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.6
125	11.7	7.1	10.7

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





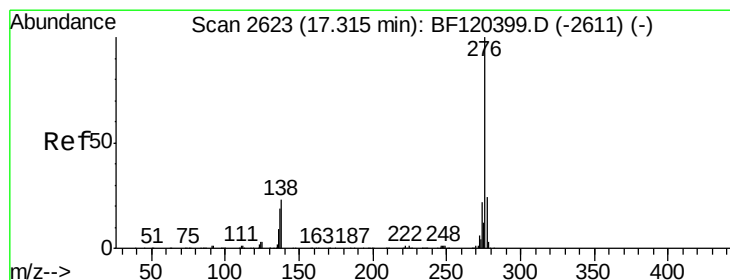
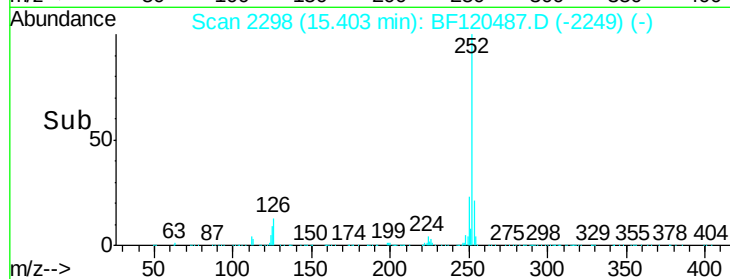
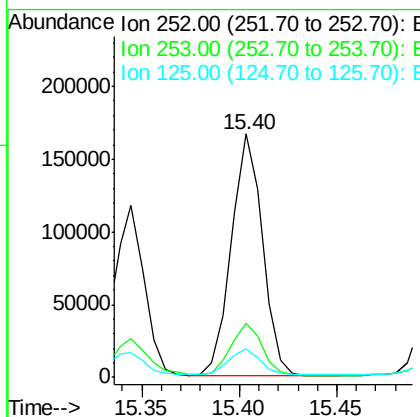
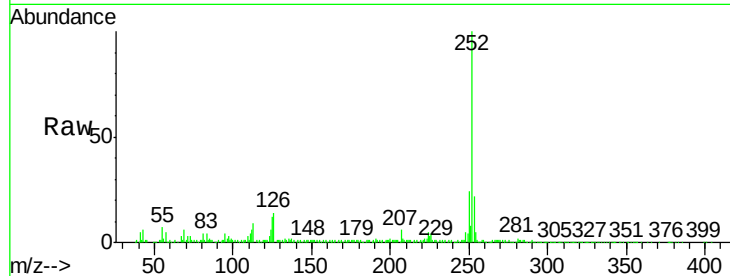
#90
Benzo(a)pyrene
Concen: 7.963 ng
RT: 15.40 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BF120487.D
Acq: 2 Jun 2020 11:45

Instrument :
BNA_F
ClientSampleId :
NM92-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	11.7	9.0	13.4

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#92
Benzo(g,h,i)perylene
Concen: 4.953 ng
RT: 17.36 min Scan# 2631
Delta R.T. -0.02 min
Lab File: BF120487.D
Acq: 2 Jun 2020 11:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.8	28.2
138	21.0	16.8	25.2

