

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
 Data File : BF120488.D
 Acq On : 2 Jun 2020 12:13
 Operator : JU/CG
 Sample : L2798-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM88-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 02 13:39:44 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	218755	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	803443	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	385303	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	644559	20.00	ng	0.00
76) Chrysene-d12	14.01	240	415130	20.00	ng	0.00
86) Perylene-d12	15.47	264	458049	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	877801	76.47	ng	0.00
7) Phenol-d6	6.48	99	1134343	80.18	ng	0.00
23) Nitrobenzene-d5	7.40	82	714345	58.16	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	287530	80.54	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1343094	59.14	ng	0.00
79) Terphenyl-d14	12.95	244	1133509	60.76	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	235033	9.757	ng	99
71) Phenanthrene	11.39	178	324781	11.435	ng	98
72) Anthracene	11.44	178	57984	2.035	ng	98
75) Fluoranthene	12.58	202	377956	12.368	ng	97
78) Pyrene	12.81	202	354345	12.274	ng	98
81) Benzo(a)anthracene	14.00	228	165584	7.442	ng	98
83) Chrysene	14.03	228	164655	7.059	ng	98
87) Indeno(1,2,3-cd)pyrene	16.92	276	104476	4.170	ng	94
88) Benzo(b)fluoranthene	15.04	252	234247m	9.207	ng	
89) Benzo(k)fluoranthene	15.07	252	59290m	2.496	ng	
90) Benzo(a)pyrene	15.40	252	163366	7.341	ng	98
92) Benzo(a,h,i)perylene	17.36	276	96749	4.803	ng	100

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

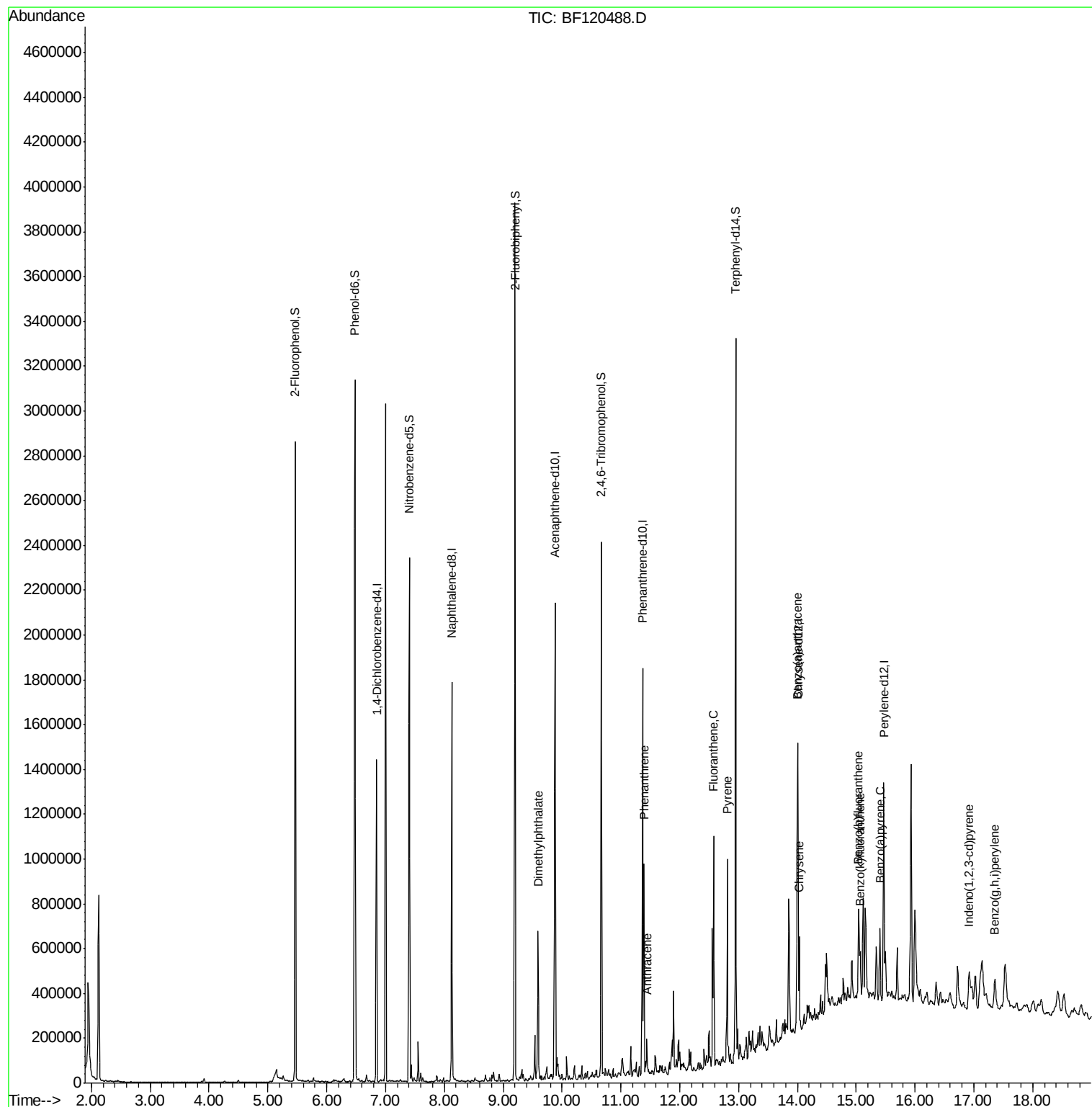
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120488.D
Acq On : 2 Jun 2020 12:13
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ALS Vial : 5 Sample Multiplier: 1

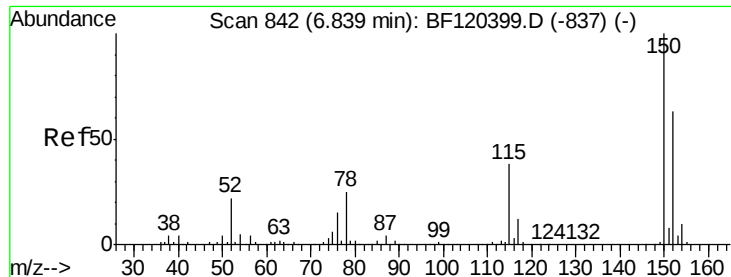
Instrument :
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NM88-COMP-2020-0-6

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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

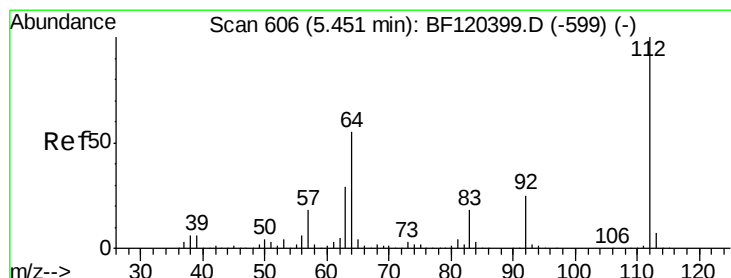
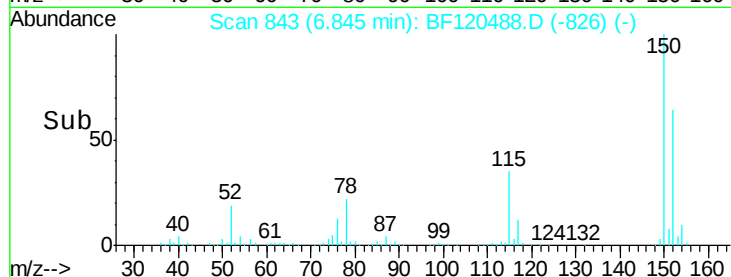
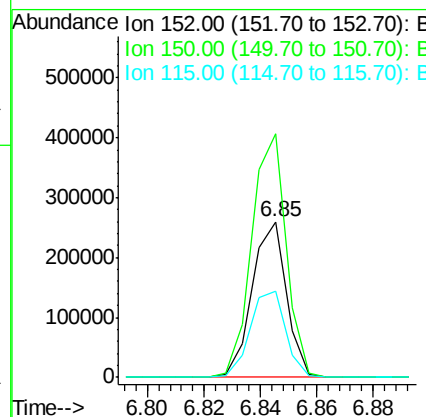
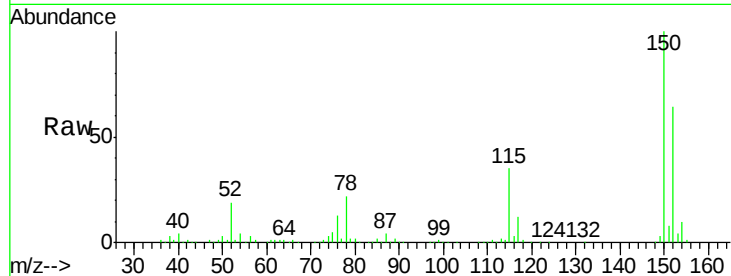
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF120488.D
Acq: 2 Jun 2020 12:13

Instrument :
BNA_F
ClientSampleId :
NM88-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.7	190.1
115	55.4	46.2	69.2

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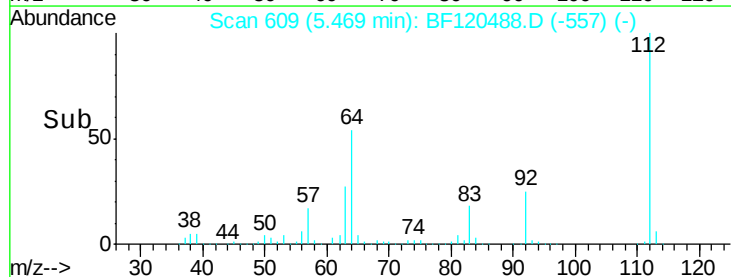
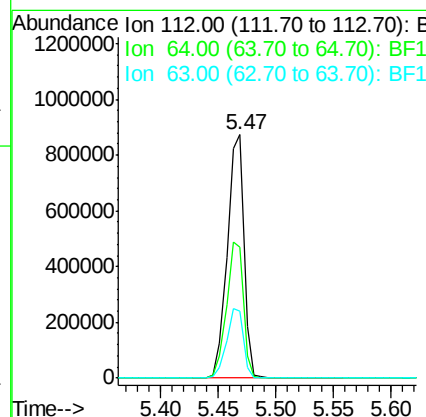
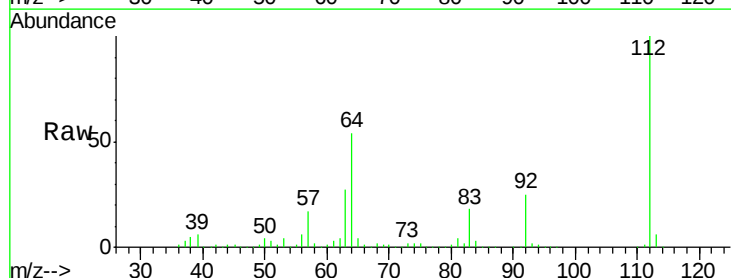
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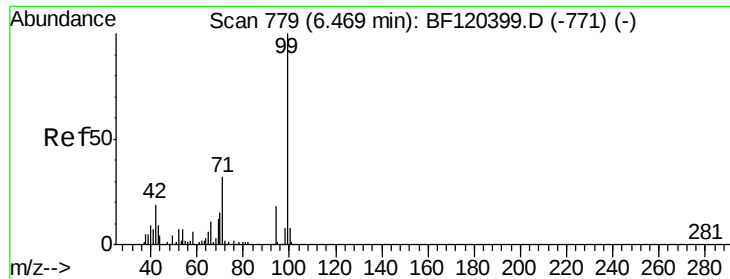


#5

2-Fluorophenol
Concen: 76.472 ng
RT: 5.47 min Scan# 609
Delta R.T. 0.01 min
Lab File: BF120488.D
Acq: 2 Jun 2020 12:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.3	69.5
63	27.3	24.2	36.2





#7

Phenol-d6

Concen: 80.175 ng

RT: 6.48 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF120488.D

Acq: 2 Jun 2020 12:13

Instrument :

BNA_F

ClientSampleId :

NM88-COMP-2020-0-6

Tot Ion: 99 Resp: 1134343

Ion Ratio Lower Upper

99 100

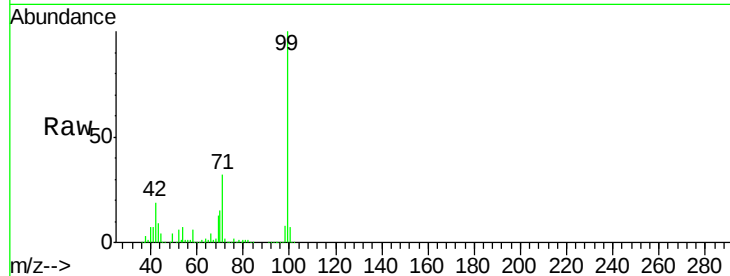
42 18.7 15.1 22.7

71 32.5 26.2 39.4

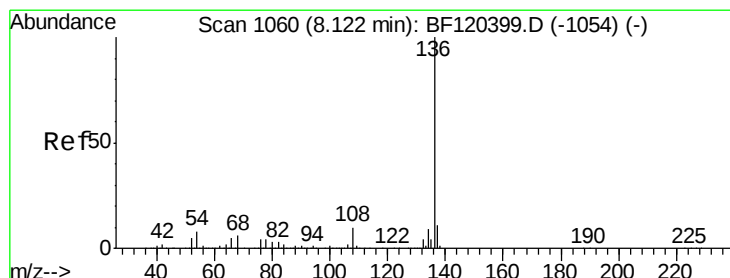
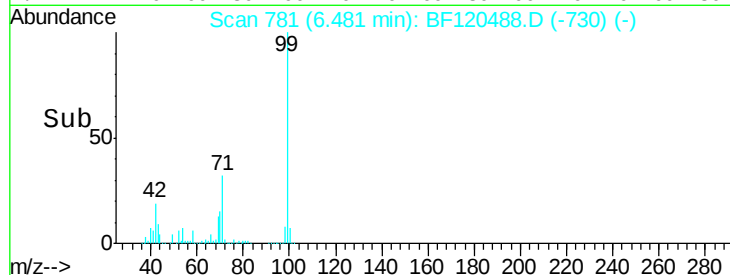
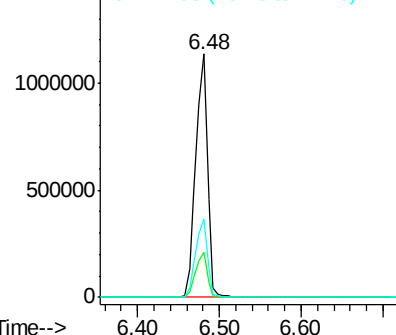
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF120488.D

Acq: 2 Jun 2020 12:13

Tgt Ion: 136 Resp: 803443

Ion Ratio Lower Upper

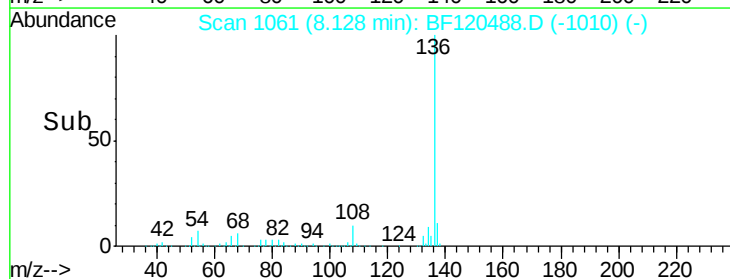
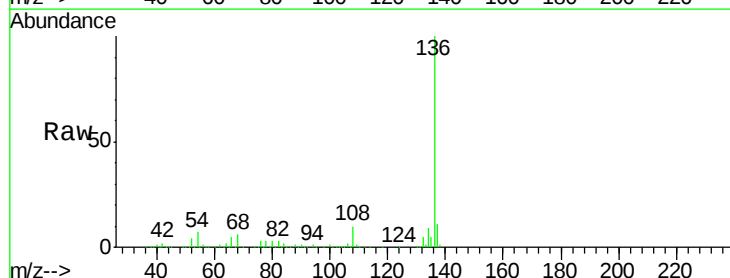
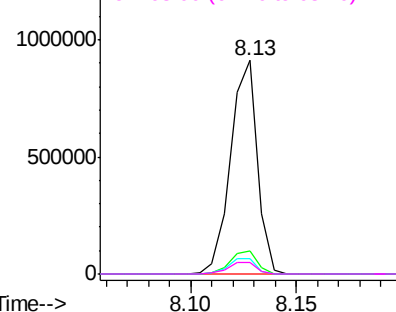
136 100

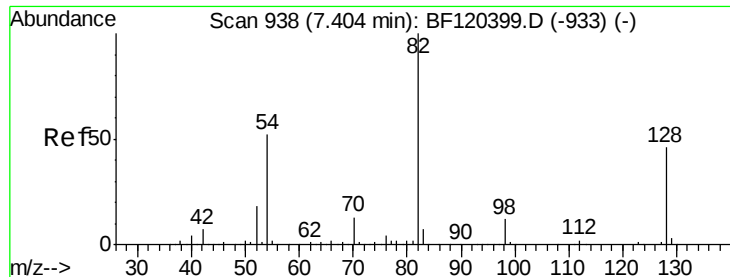
137 10.9 9.0 13.6

54 7.2 6.2 9.4

68 5.5 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





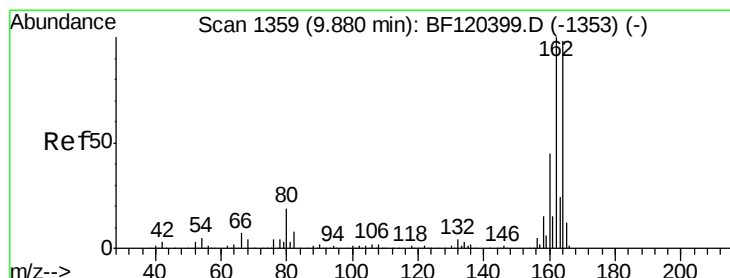
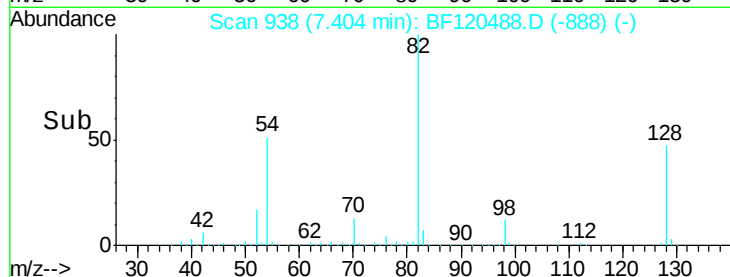
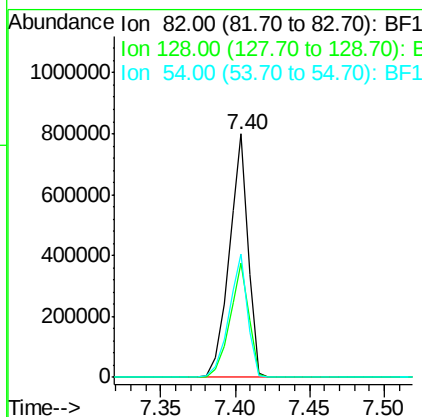
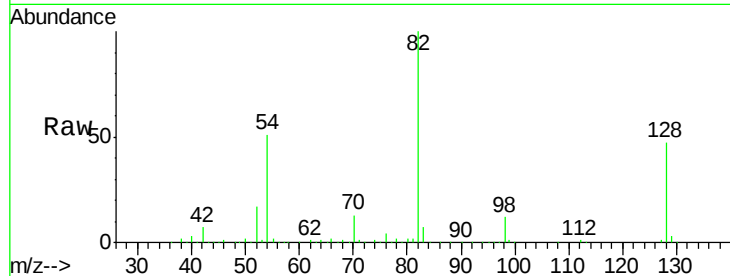
#23
 Nitrobenzene-d5
 Concen: 58.159 ng
 RT: 7.40 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF120488.D
 Acq: 2 Jun 2020 12:13

Instrument :
 BNA_F
 ClientSampleId :
 NM88-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.0	55.6
54	50.6	41.0	61.4

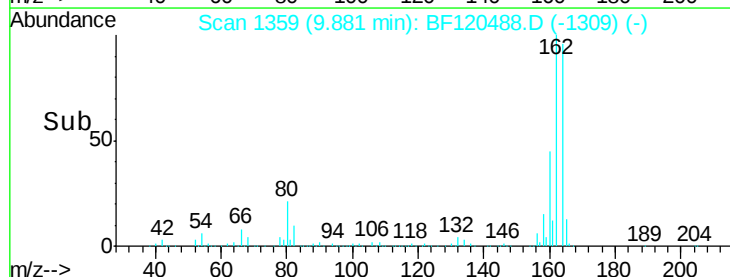
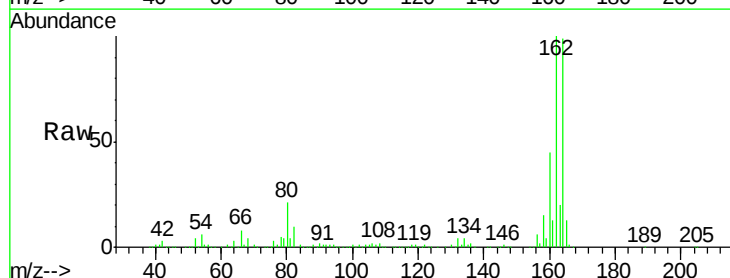
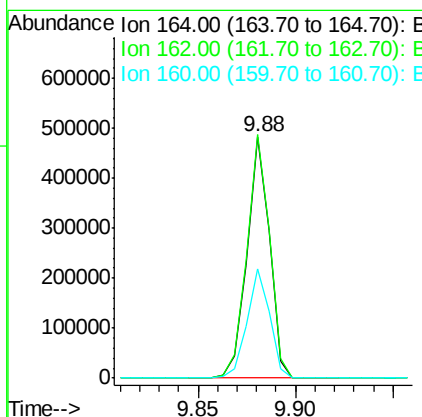
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF120488.D
 Acq: 2 Jun 2020 12:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.9	122.9
160	45.5	37.4	56.0





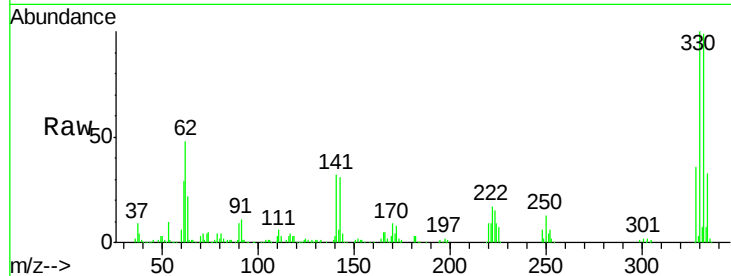
#42
 2,4,6-Tribromophenol
 Concen: 80.541 ng
 RT: 10.67 min Scan# 1493
 Delta R.T. -0.01 min
 Lab File: BF120488.D
 Acq: 2 Jun 2020 12:13

Instrument :
 BNA_F
 ClientSampleId :
 NM88-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	287530		
332	98.0		76.8	115.2
141	30.5		23.9	35.9

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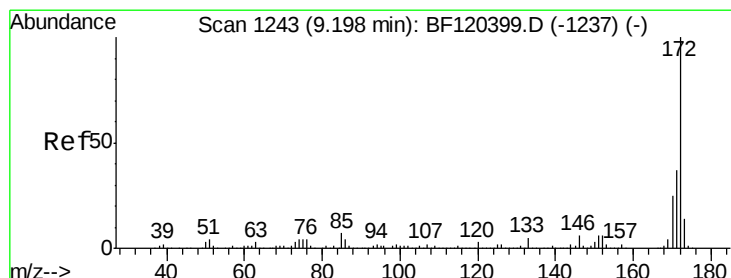
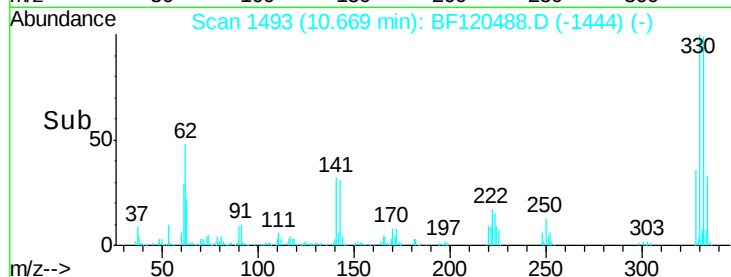
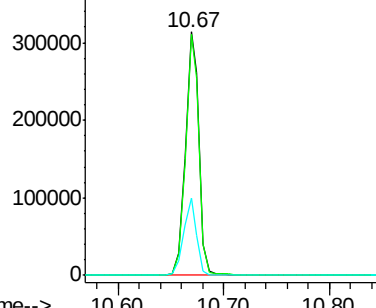


Abundance

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: 59.144 ng
 RT: 9.20 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BF120488.D
 Acq: 2 Jun 2020 12:13

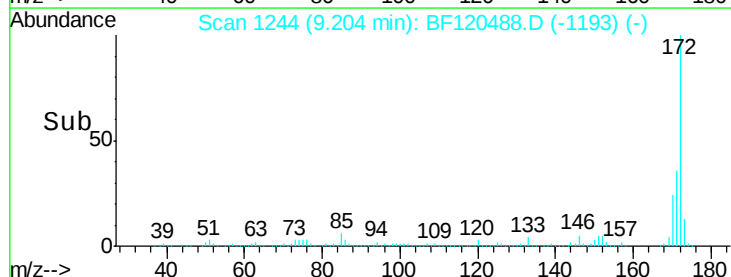
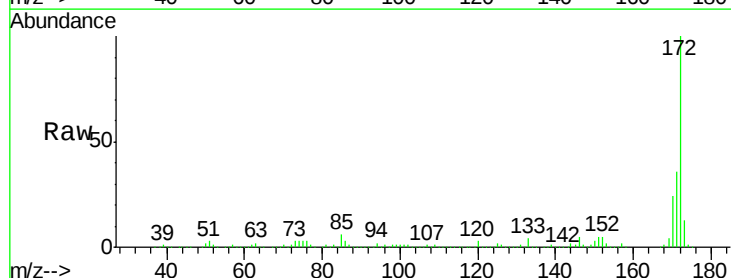
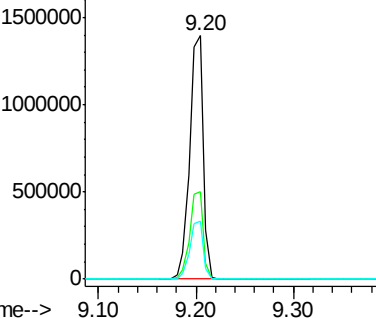
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1343094		
171	36.0		29.4	44.2
170	24.1		19.9	29.9

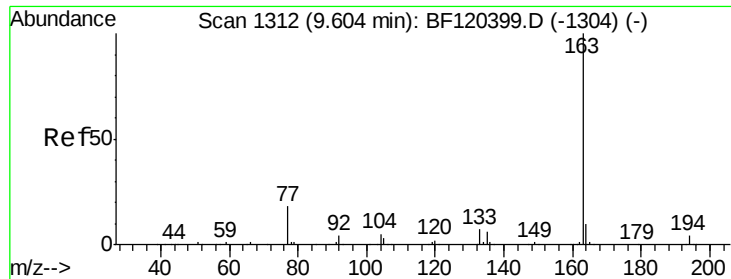
Abundance

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





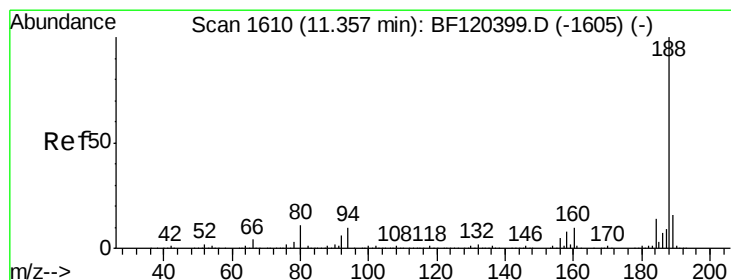
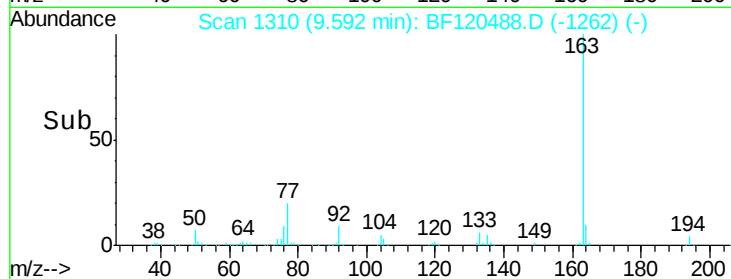
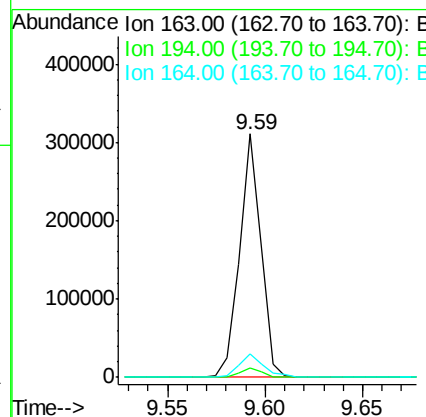
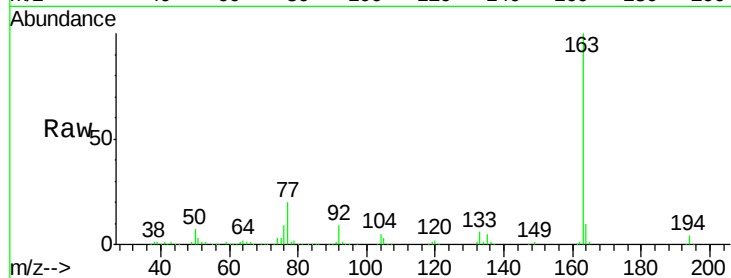
#50
Dimethylphthalate
Concen: 9.757 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF120488.D
Acq: 2 Jun 2020 12:13

Instrument :
BNA_F
ClientSampleId :
NM88-COMP-2020-0-6

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.8	3.3	4.9
164	9.8	8.2	12.2

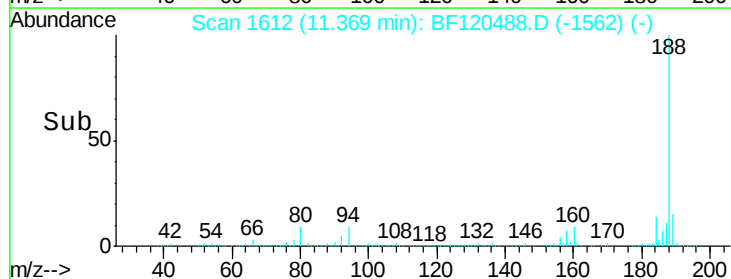
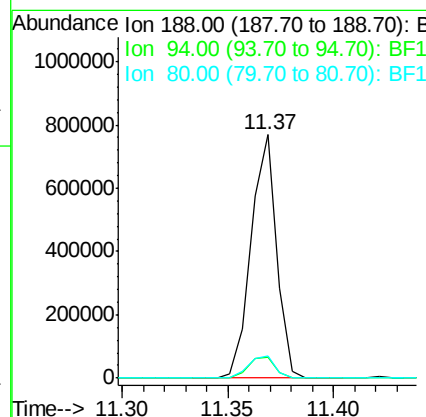
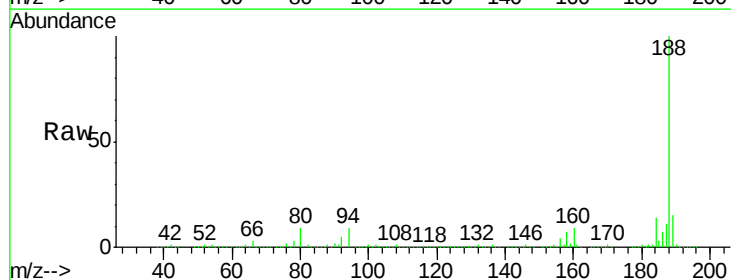
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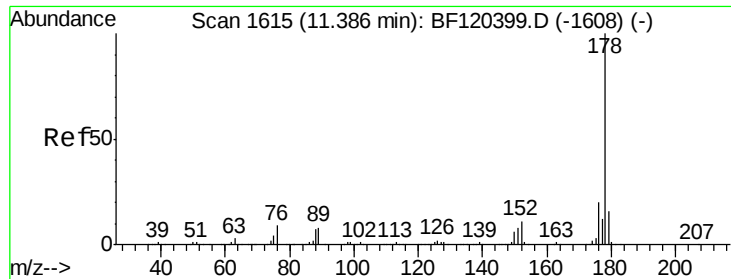
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BF120488.D
Acq: 2 Jun 2020 12:13

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	8.8	6.6	10.0
80	9.2	7.1	10.7





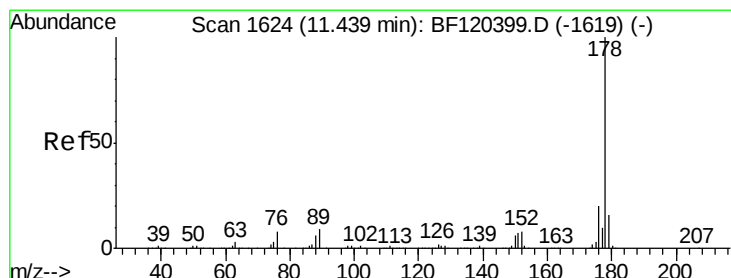
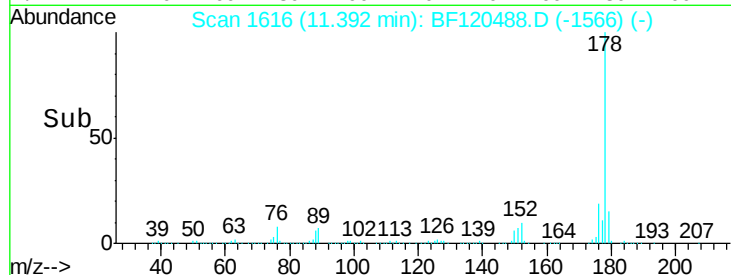
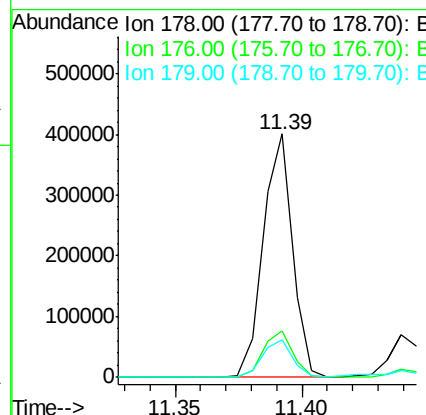
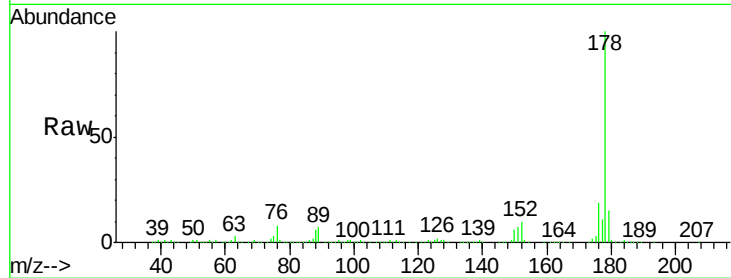
#71
Phenanthrene
Concen: 11.435 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF120488.D
Acq: 2 Jun 2020 12:13

Instrument :
BNA_F
ClientSampleId :
NM88-COMP-2020-0-6

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

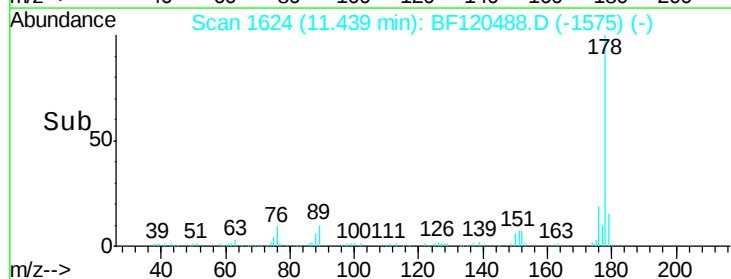
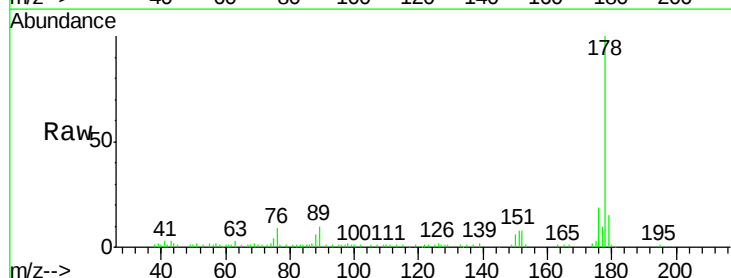
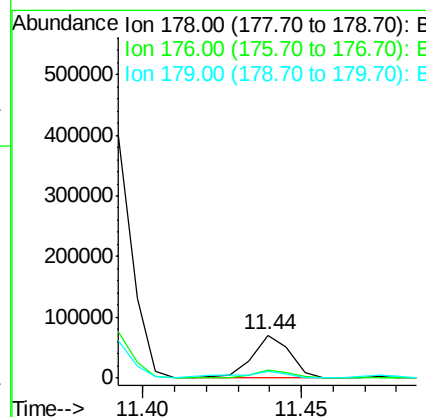
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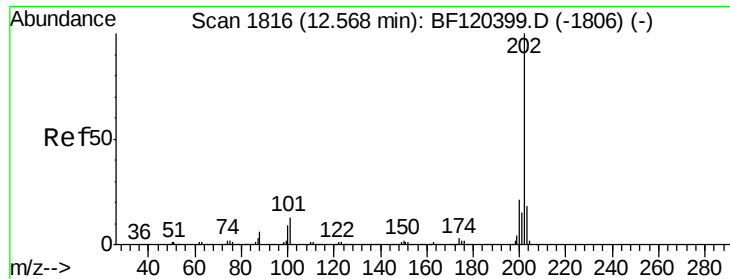
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#72
Anthracene
Concen: 2.035 ng
RT: 11.44 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BF120488.D
Acq: 2 Jun 2020 12:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.9	23.9
179	15.1	12.7	19.1





#75

Fluoranthene

Concen: 12.368 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF120488.D

Acq: 2 Jun 2020 12:13

Instrument :

BNA_F

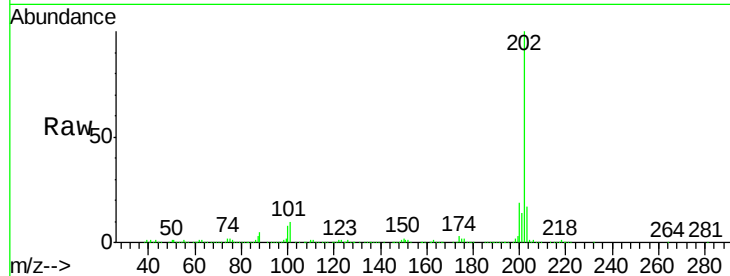
ClientSampleId :

NM88-COMP-2020-0-6

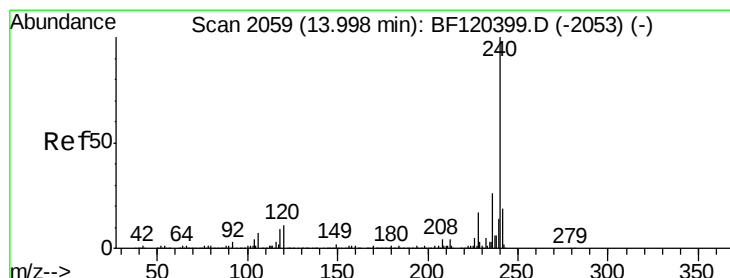
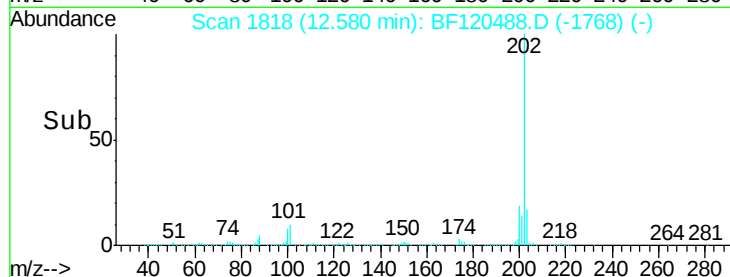
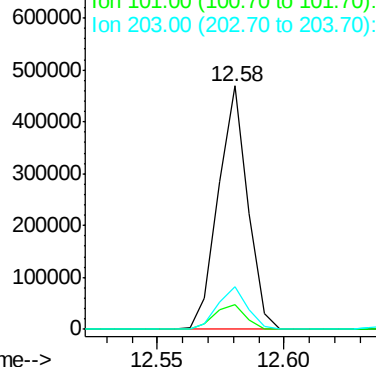
Tot Ion:	202	Resp:	377956
Ion Ratio		Lower	Upper
202	100		
101	10.2	0.0	31.4
203	17.3	0.0	38.8

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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

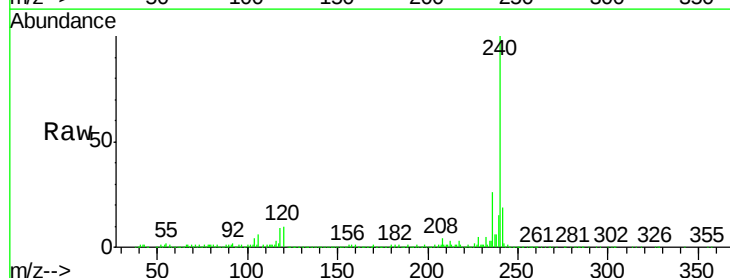
RT: 14.01 min Scan# 2061

Delta R.T. -0.01 min

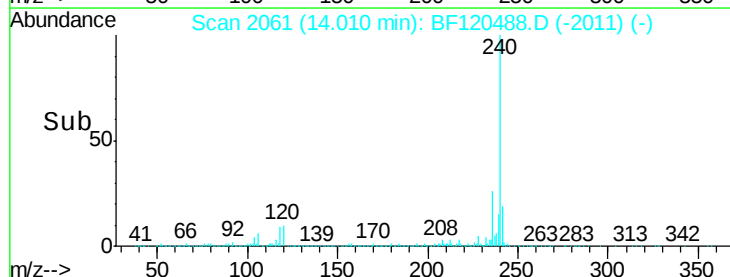
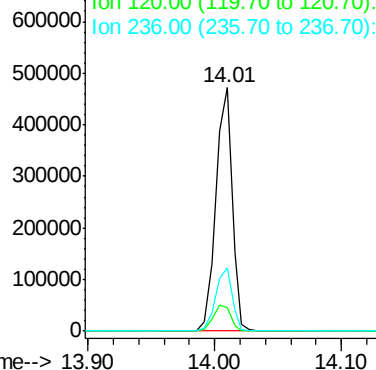
Lab File: BF120488.D

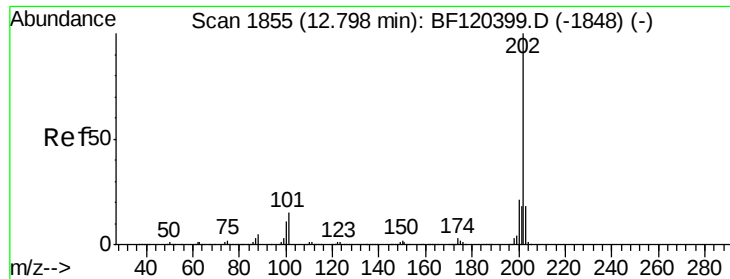
Acq: 2 Jun 2020 12:13

Tgt Ion:	240	Resp:	415130
Ion Ratio		Lower	Upper
240	100		
120	9.8	9.9	14.9#
236	25.8	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





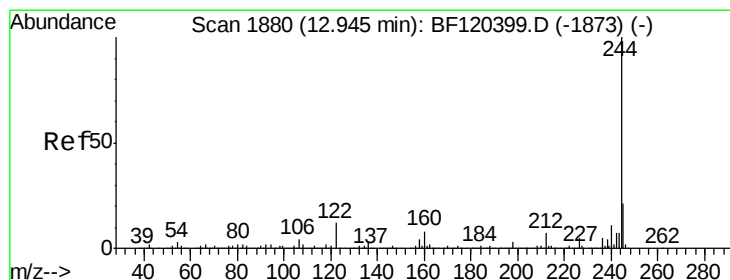
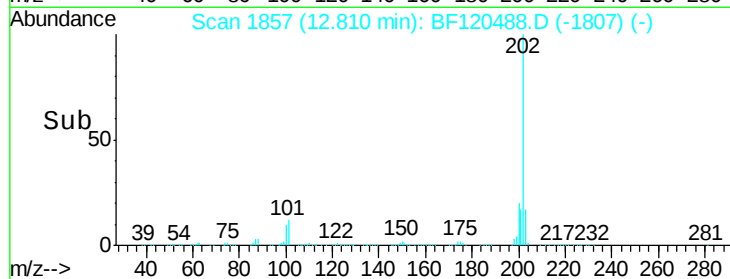
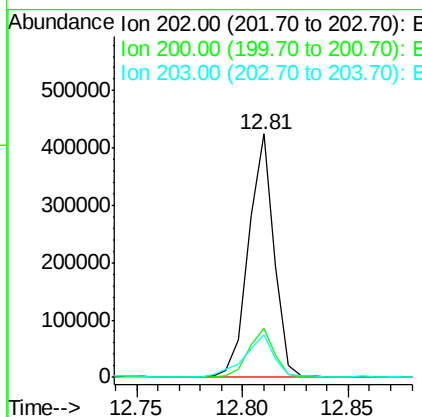
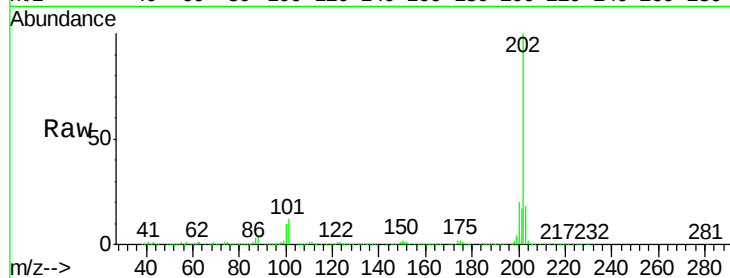
#78
Pvrene
Concen: 12.274 ng
RT: 12.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BF120488.D
Acq: 2 Jun 2020 12:13

Instrument :
BNA_F
ClientSampleId :
NM88-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.0	25.6
203	17.7	14.6	22.0

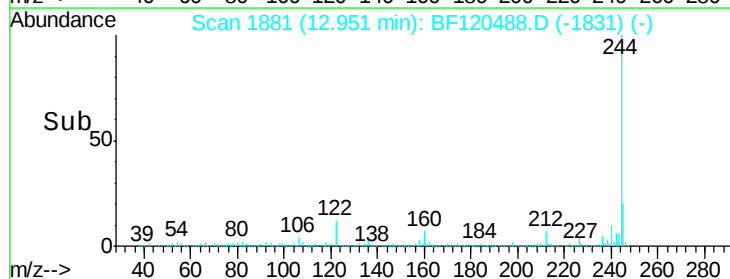
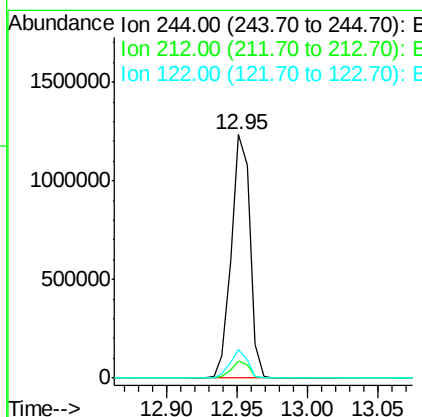
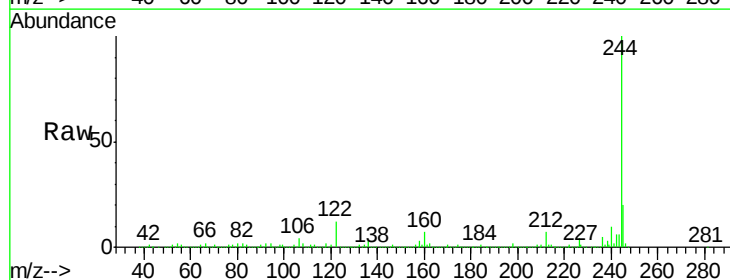
Manual Integrations
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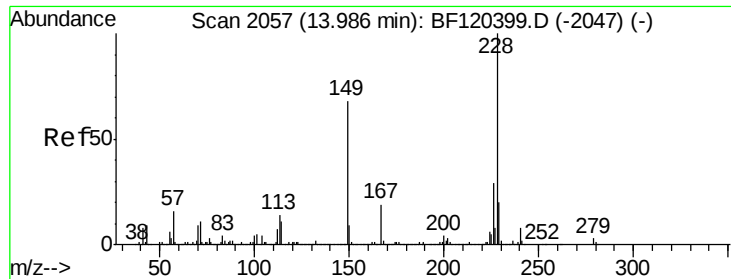
mohammad
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#79
Terphenyl-d14
Concen: 60.760 ng
RT: 12.95 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BF120488.D
Acq: 2 Jun 2020 12:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.6	8.7	13.1





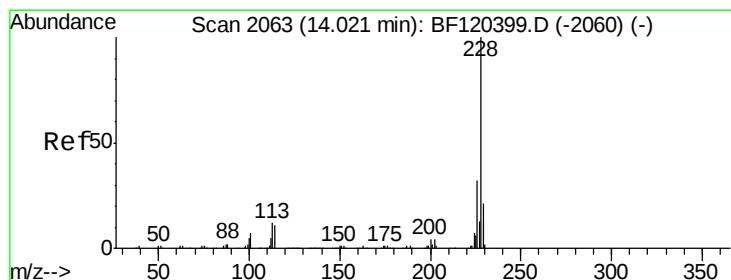
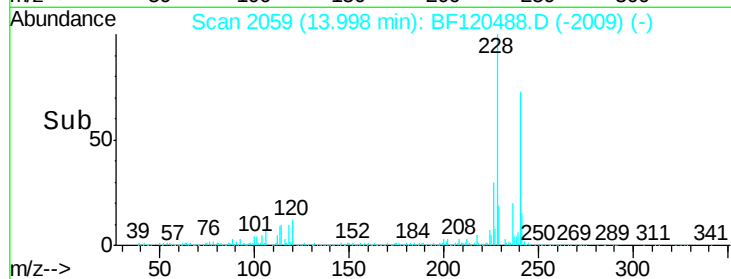
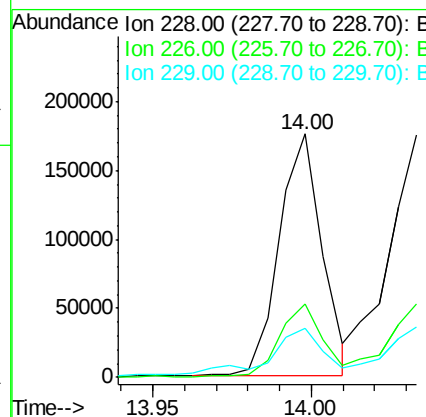
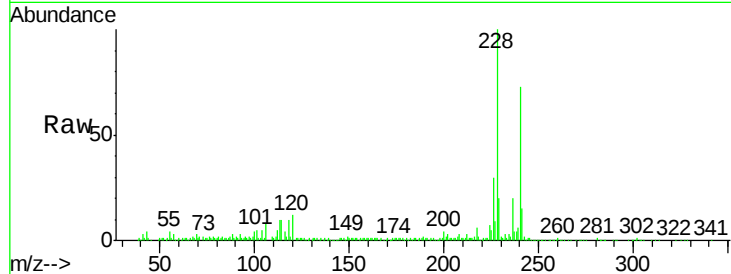
#81
Benzo(a)anthracene
Concen: 7.442 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF120488.D
Acq: 2 Jun 2020 12:13

Instrument :
BNA_F
ClientSampleId :
NM88-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.9	34.3
229	20.2	16.3	24.5

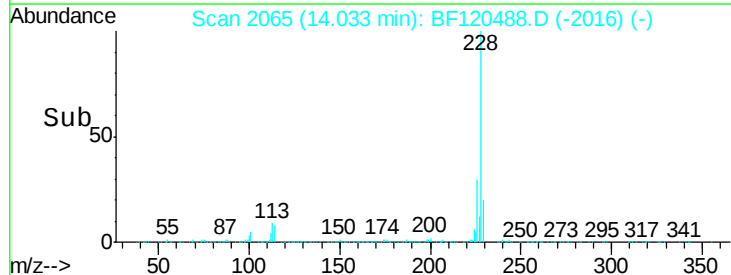
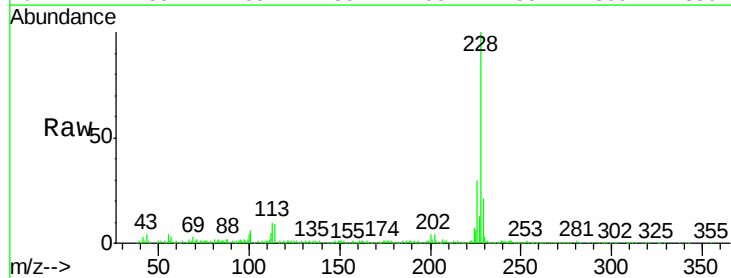
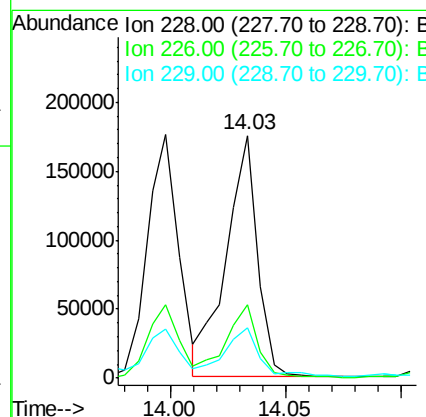
Manual Integrations
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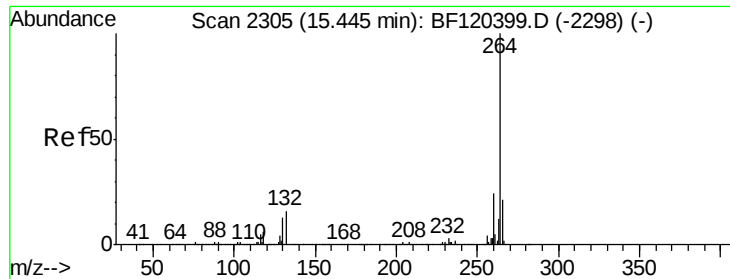
mohammad
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#83
Chrysene
Concen: 7.059 ng
RT: 14.03 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BF120488.D
Acq: 2 Jun 2020 12:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.7	38.5
229	20.8	16.4	24.6





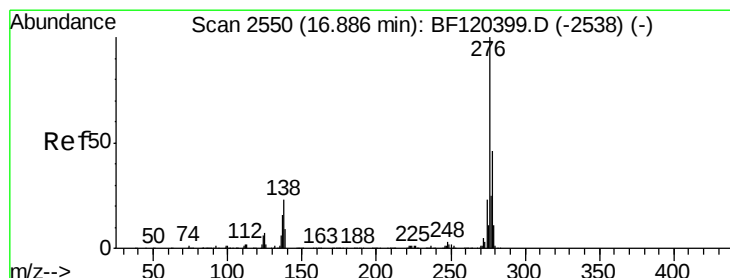
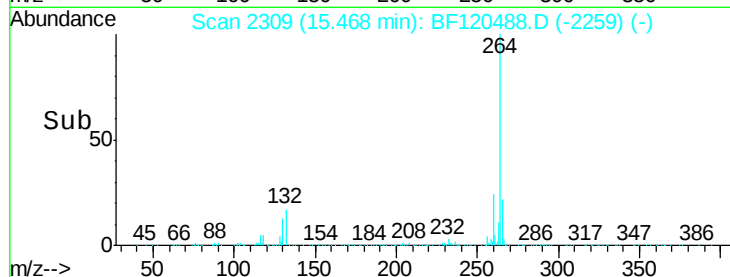
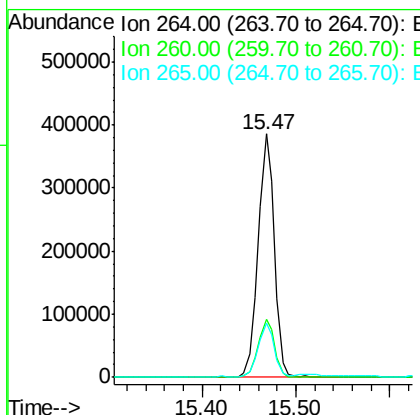
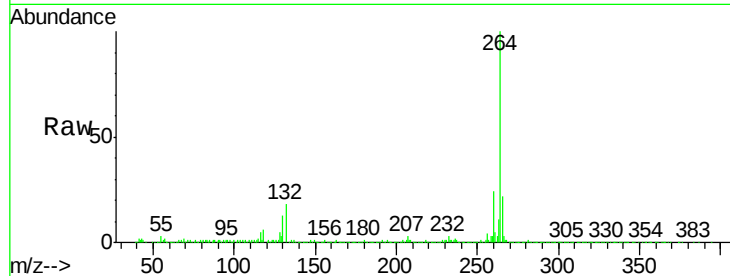
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BF120488.D
Acq: 2 Jun 2020 12:13

Instrument :
BNA_F
ClientSampleId :
NM88-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.4	17.6	26.4

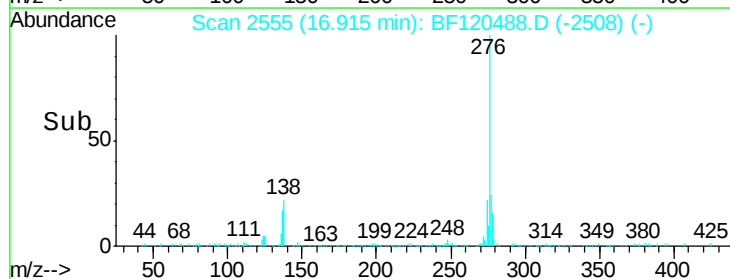
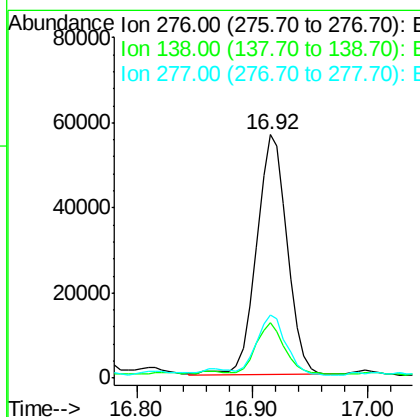
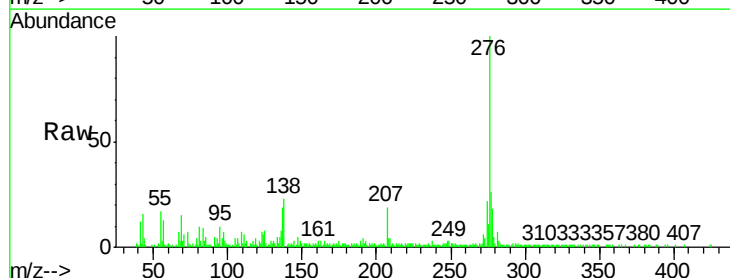
Manual Integrations
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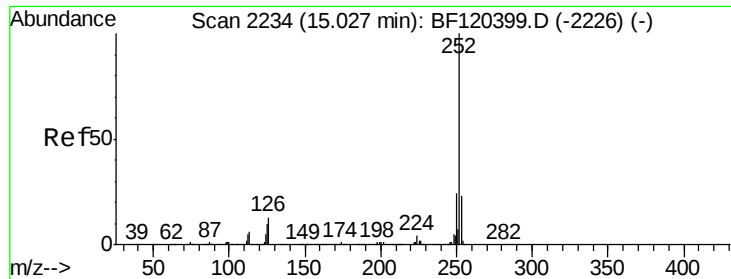
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.170 ng
RT: 16.92 min Scan# 2555
Delta R.T. -0.02 min
Lab File: BF120488.D
Acq: 2 Jun 2020 12:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	19.3	28.9
277	23.9	20.7	31.1





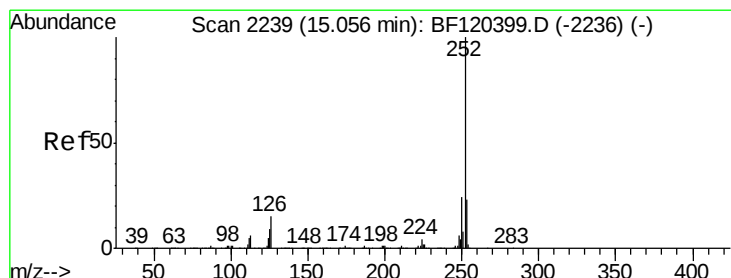
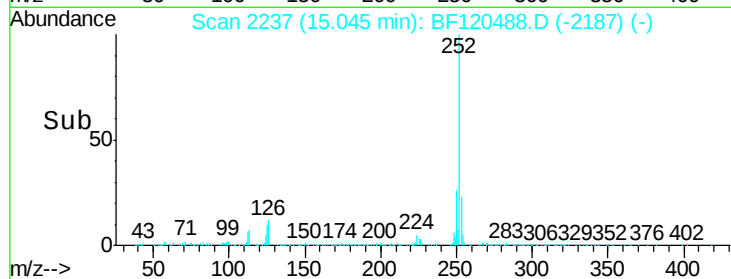
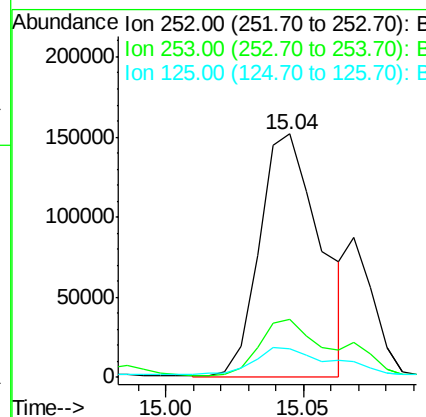
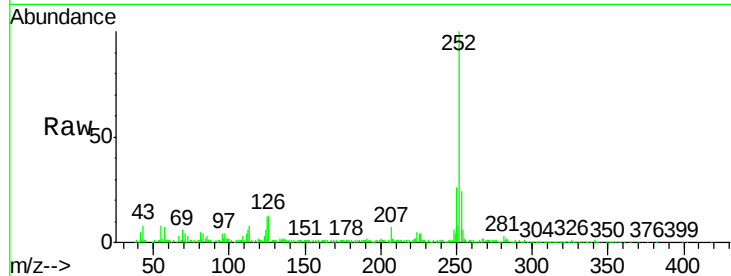
#88
Benzo(b)fluoranthene
Concen: 9.207 ng m
RT: 15.04 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF120488.D
Acq: 2 Jun 2020 12:13

Instrument :
BNA_F
ClientSampleId :
NM88-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	11.5	8.2	12.4

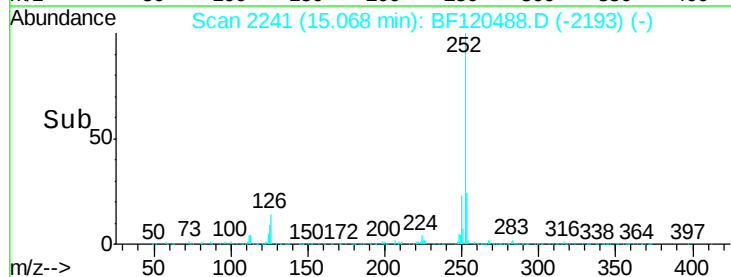
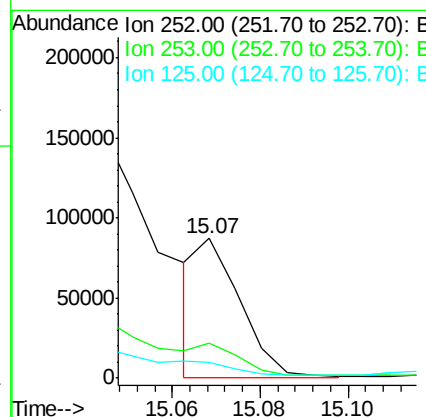
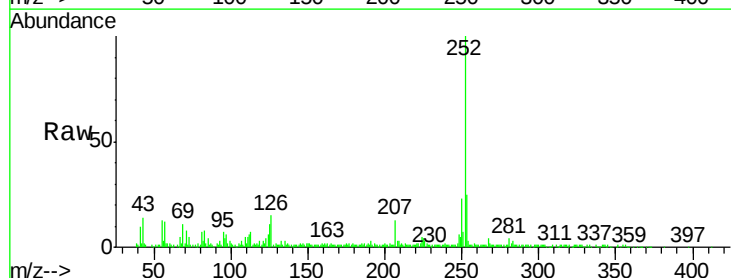
Manual Integrations
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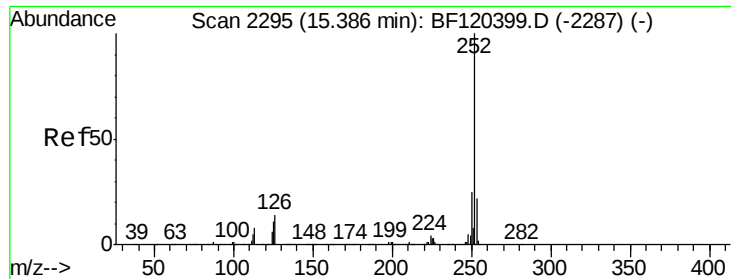
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#89
Benzo(k)fluoranthene
Concen: 2.496 ng m
RT: 15.07 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BF120488.D
Acq: 2 Jun 2020 12:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.8	26.6
125	11.1	7.1	10.7





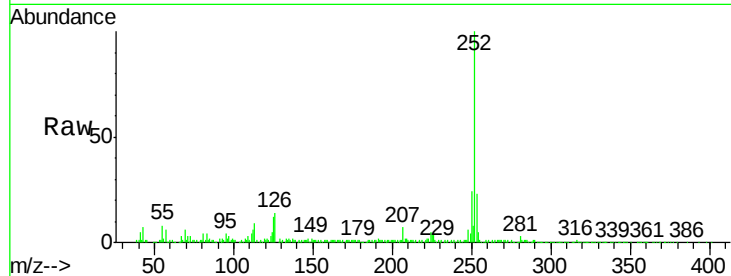
#90
Benzo(a)pyrene
Concen: 7.341 ng
RT: 15.40 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BF120488.D
Acq: 2 Jun 2020 12:13

Instrument :
BNA_F
ClientSampleId :
NM88-COMP-2020-0-6

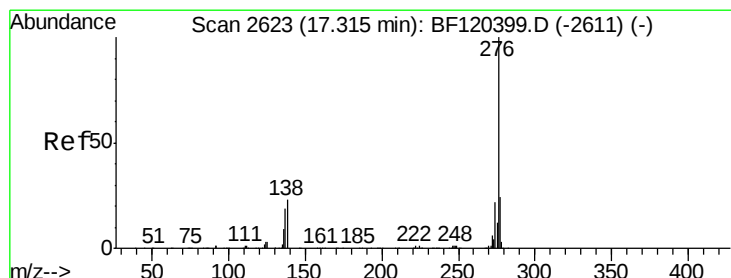
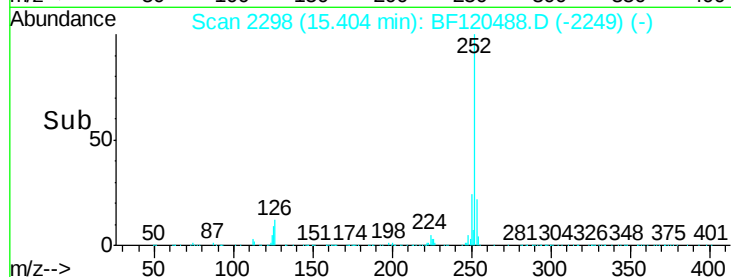
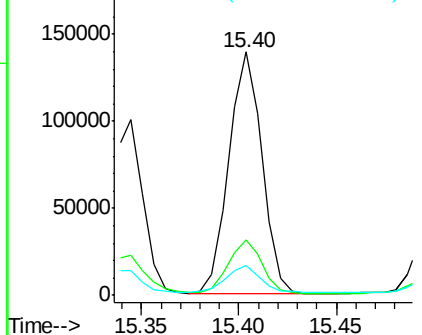
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	12.4	9.0	13.4

Manual Integrations
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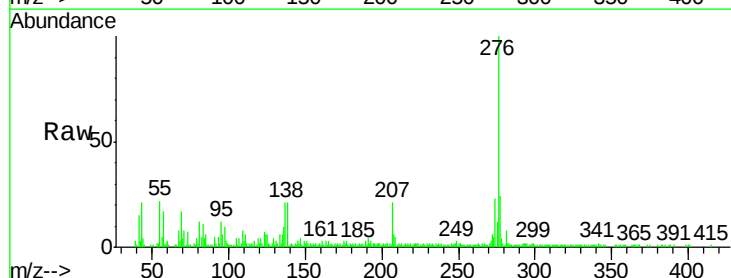


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 4.803 ng
RT: 17.36 min Scan# 2630
Delta R.T. -0.02 min
Lab File: BF120488.D
Acq: 2 Jun 2020 12:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	20.8	16.8	25.2



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

