

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
 Data File : BF120535.D
 Acq On : 4 Jun 2020 16:01
 Operator : JU/CG
 Sample : L2839-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM31-COMP-2020-0-6

Manual Integrations
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mohammad
 6/5/2020 11:57:26 AM

Quant Time: Jun 04 17:00:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 14:26:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	175980	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	664005	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	341381	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	623791	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	383379	20.00	ng	-0.02
86) Perylene-d12	15.45	264	428251	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	971471	105.20	ng	0.00
7) Phenol-d6	6.46	99	1225490	107.67	ng	-0.01
23) Nitrobenzene-d5	7.39	82	787700	77.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	348439	110.16	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1439996	71.57	ng	-0.01
79) Terphenyl-d14	12.94	244	1322361	76.75	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.58	163	285776	13.390	ng	99
71) Phenanthrene	11.37	178	81703	2.973	ng	95
75) Fluoranthene	12.56	202	176442	5.966	ng	98
78) Pyrene	12.79	202	166024	6.227	ng	98
81) Benzo(a)anthracene	13.98	228	79969	3.892	ng	98
83) Chrysene	14.02	228	72569	3.369	ng	95
87) Indeno(1,2,3-cd)pyrene	16.89	276	51717	2.208	ng	95
88) Benzo(b)fluoranthene	15.02	252	112760m	4.741	ng	
90) Benzo(a)pyrene	15.39	252	79821	3.836	ng	97
92) Benzo(g,h,i)perylene	17.33	276	44249	2.349	ng	98

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

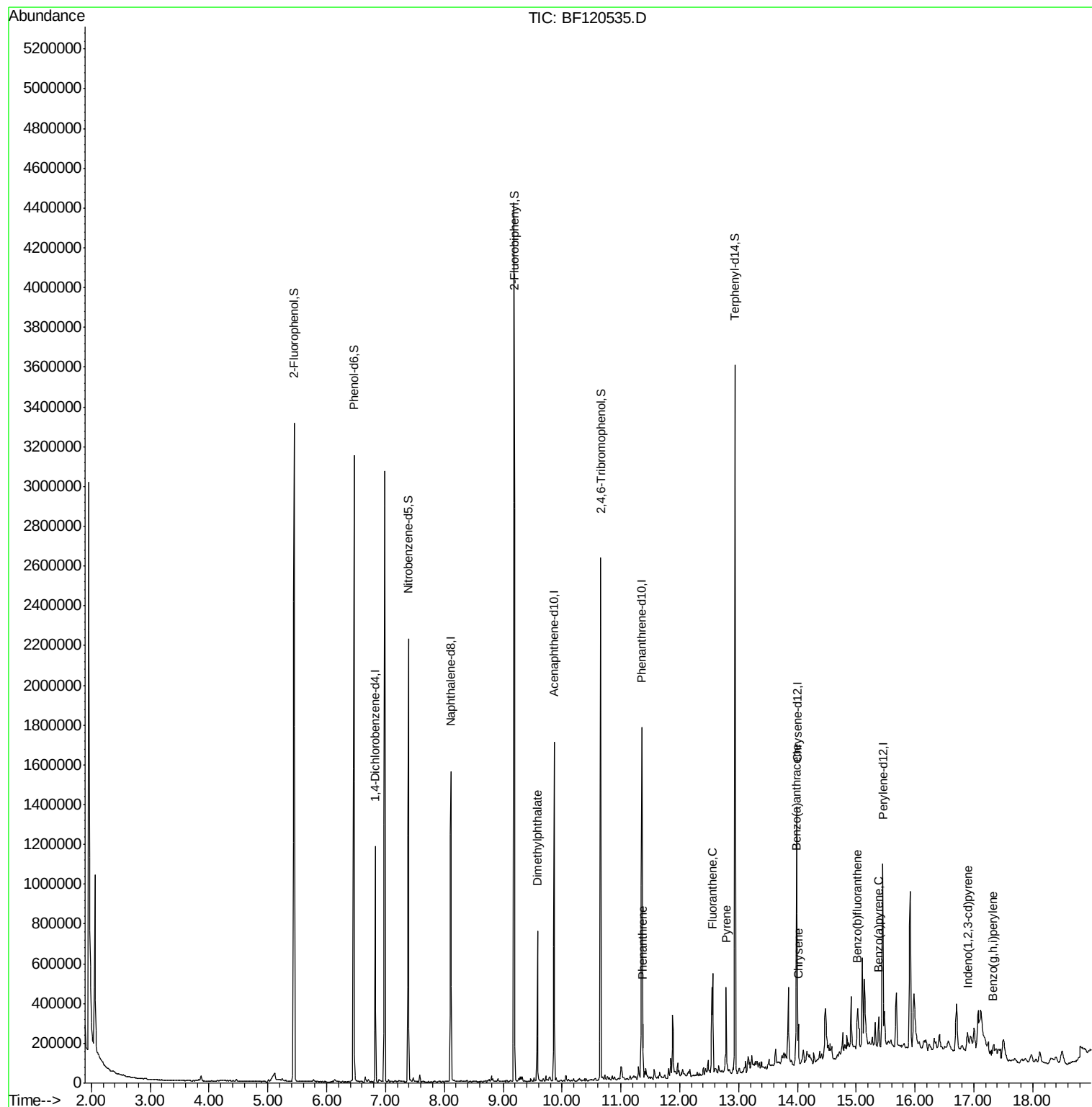
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
Data File : BF120535.D
Acq On : 4 Jun 2020 16:01
Operator : JU/CG
Sample : L2839-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

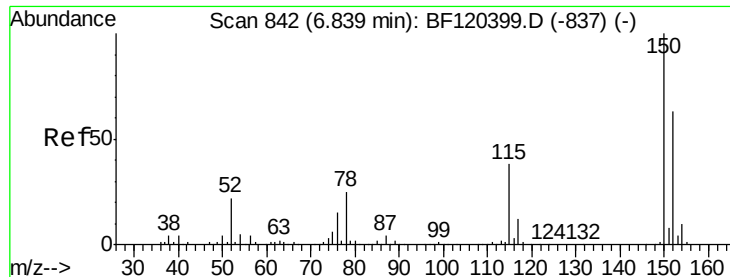
Instrument :
BNA_F
ClientSampleId :
NM31-COMP-2020-0-6

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Quant Time: Jun 04 17:00:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 03 14:26:17 2020
Response via : Initial Calibration





#1

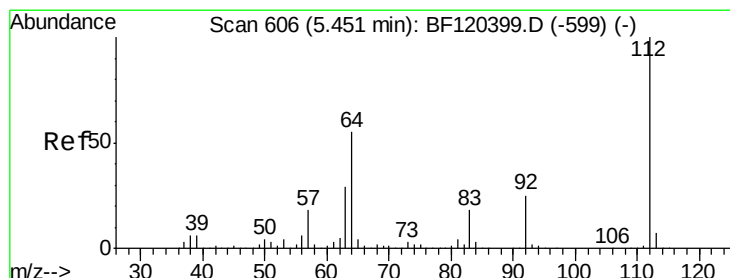
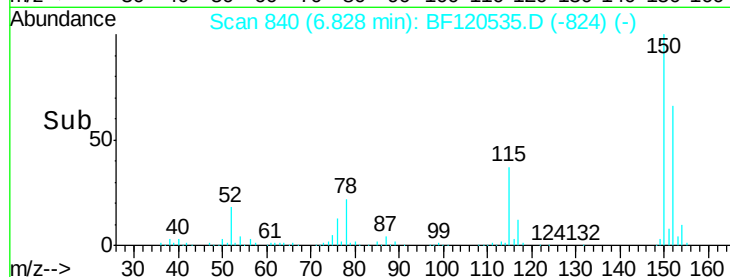
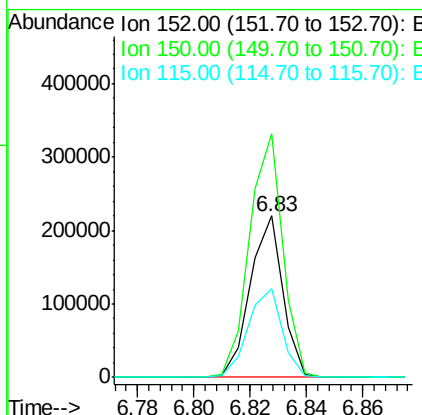
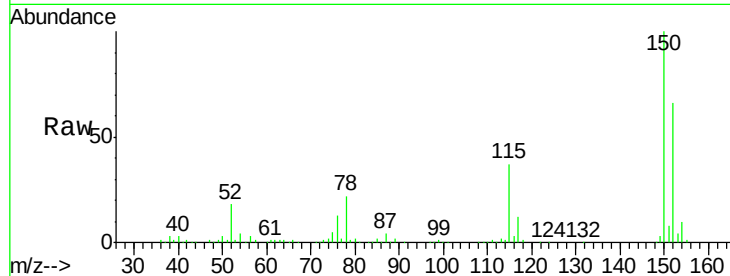
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF120535.D
Acq: 4 Jun 2020 16:01

Instrument :
BNA_F
ClientSampleId :
NM31-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	127.1	190.7
115	55.4	48.7	73.1

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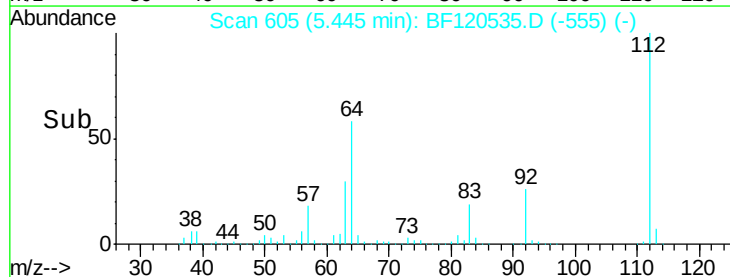
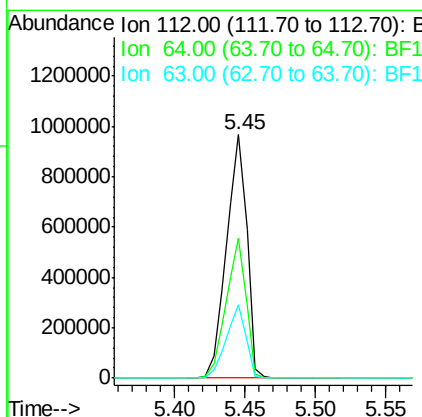
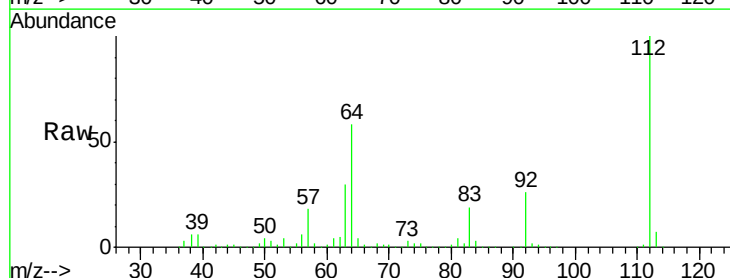
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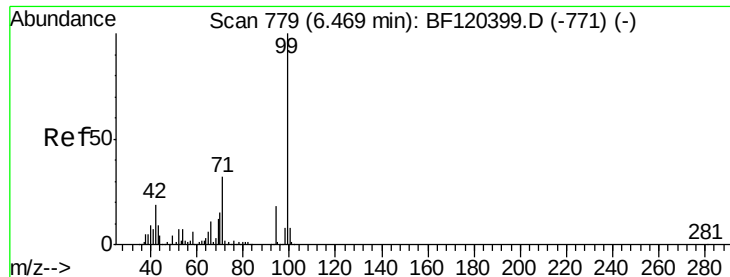


#5

2-Fluorophenol
Concen: 105.204 ng
RT: 5.45 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF120535.D
Acq: 4 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	45.8	68.8
63	30.1	23.7	35.5





#7

Phenol-d6

Concen: 107.671 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120535.D

Acq: 4 Jun 2020 16:01

Instrument :

BNA_F

ClientSampleId :

NM31-COMP-2020-0-6

Tot Ion: 99 Resp: 1225490

Ion Ratio Lower Upper

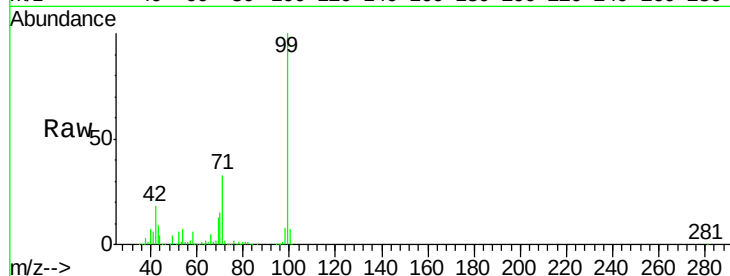
99 100

42 18.4 15.0 22.4

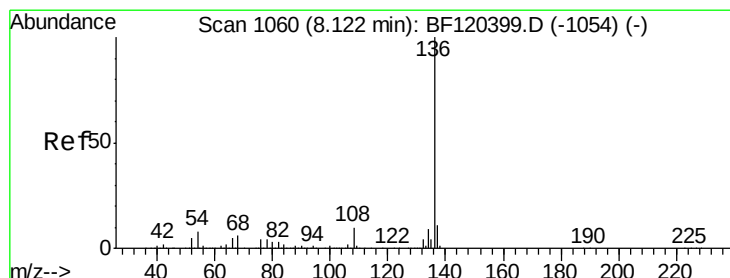
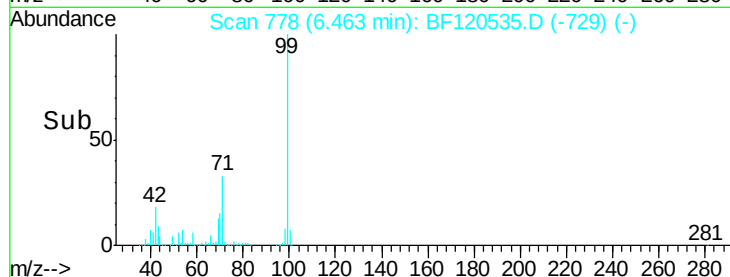
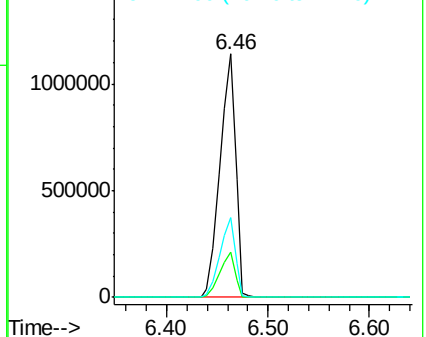
71 32.8 26.3 39.5

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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: BF120535.D

Acq: 4 Jun 2020 16:01

Tgt Ion: 136 Resp: 664005

Ion Ratio Lower Upper

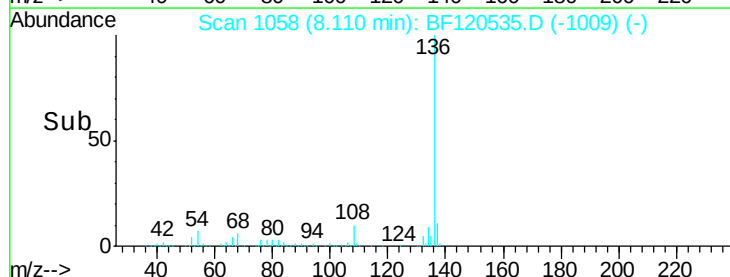
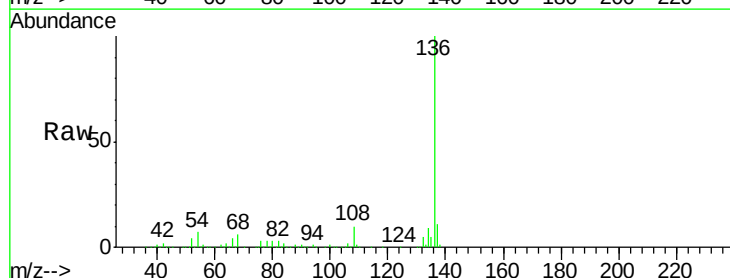
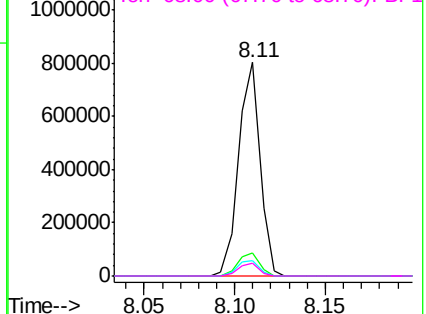
136 100

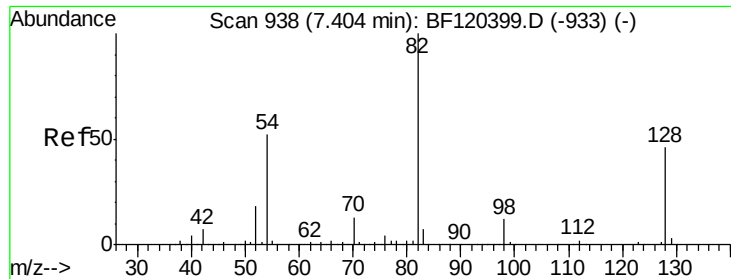
137 10.8 9.0 13.4

54 7.1 6.0 9.0

68 5.7 4.8 7.2

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





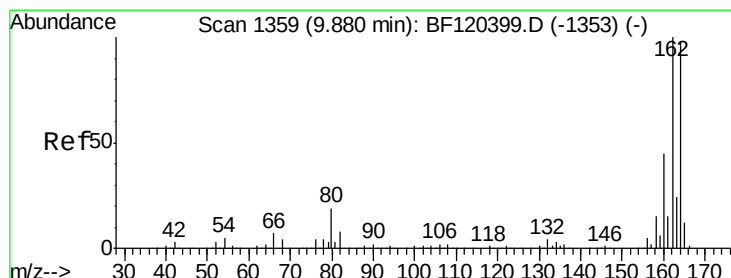
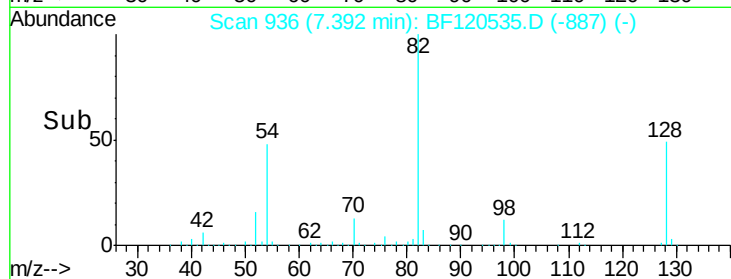
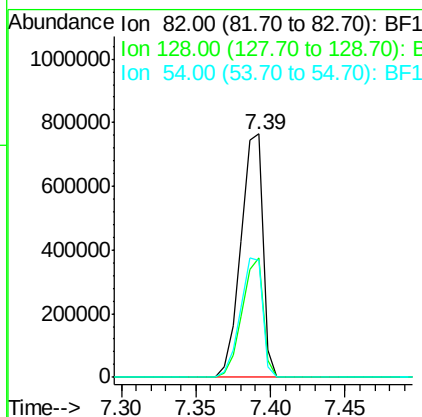
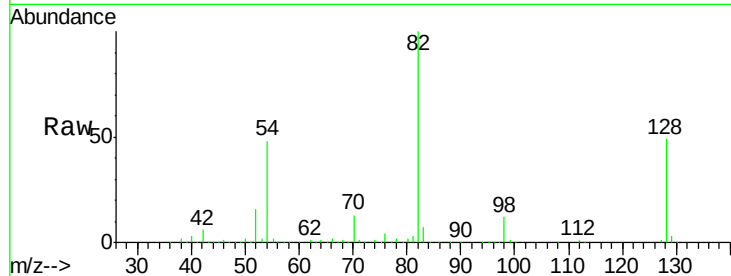
#23
Nitrobenzene-d5
Concen: 77.599 ng
RT: 7.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF120535.D
Acq: 4 Jun 2020 16:01

Instrument :
BNA_F
ClientSampleId :
NM31-COMP-2020-0-6

Tot Ion	82	Resp	787700
Ion Ratio	100	Lower	Upper
82	100		
128	49.3	37.4	56.0
54	47.8	40.7	61.1

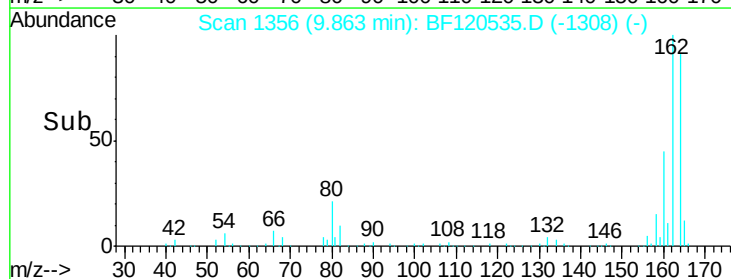
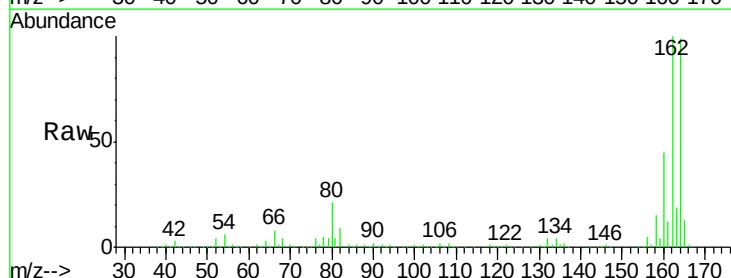
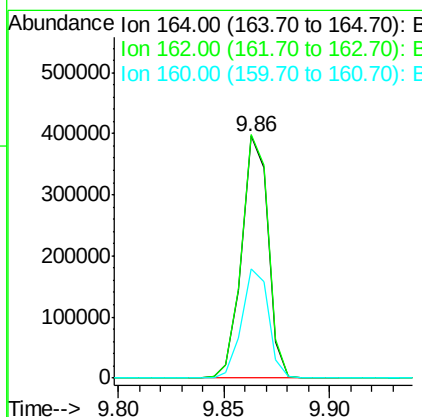
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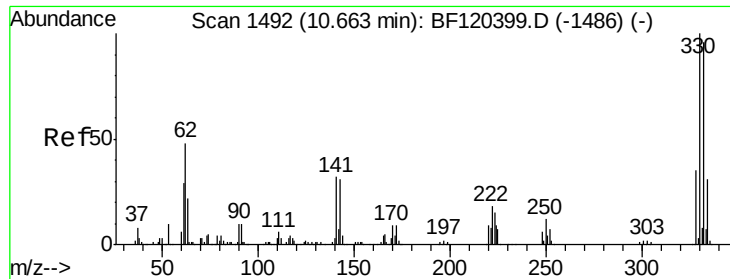
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF120535.D
Acq: 4 Jun 2020 16:01

Tgt Ion	164	Resp	341381
Ion Ratio	100	Lower	Upper
164	100		
162	100.7	81.8	122.6
160	45.0	37.3	55.9





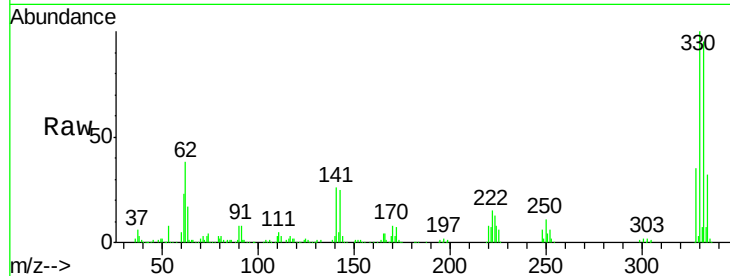
#42
 2,4,6-Tribromophenol
 Concen: 110.159 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120535.D
 Acq: 4 Jun 2020 16:01

Instrument :
 BNA_F
 ClientSampleId :
 NM31-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	348439		
332	95.7	77.4	116.2	
141	29.0	23.5	35.3	

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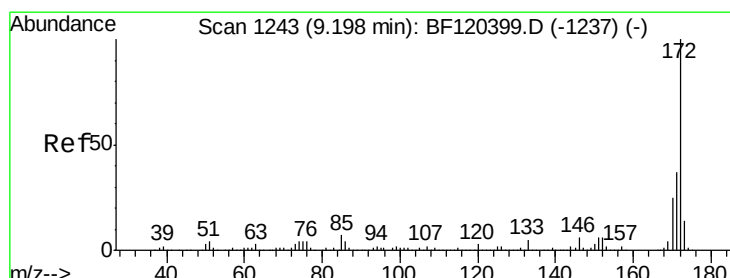
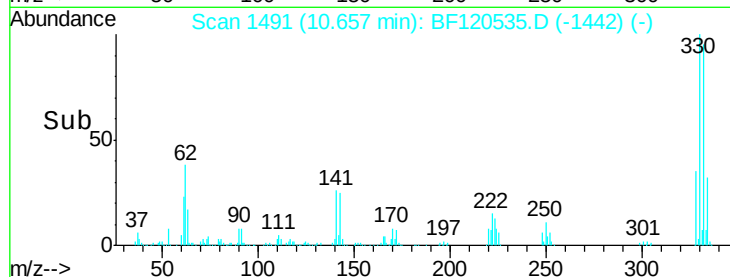
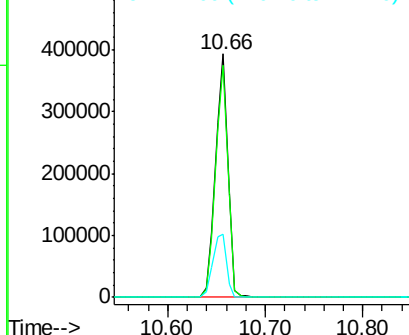


Abundance

Ion 329.80 (329.50 to 330.50): E

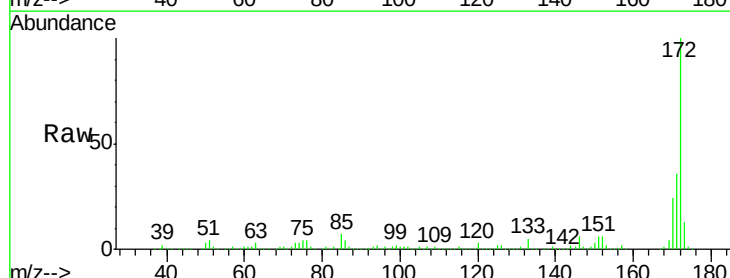
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 71.569 ng
 RT: 9.19 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF120535.D
 Acq: 4 Jun 2020 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1439996		
171	36.2	29.2	43.8	
170	24.2	20.1	30.1	

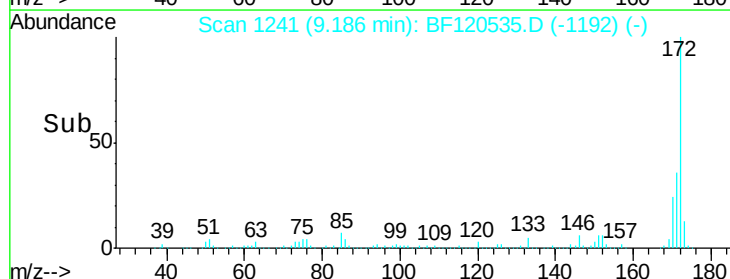
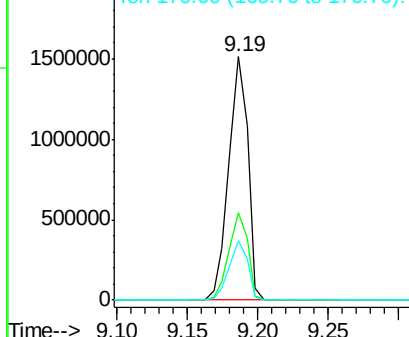


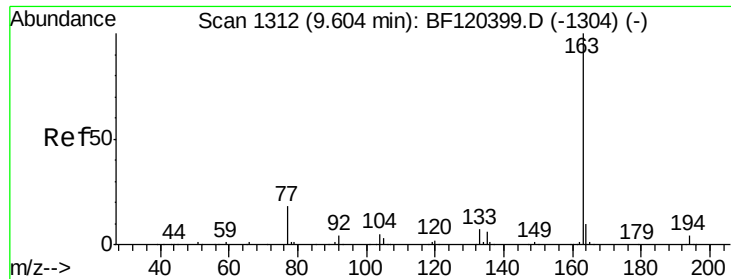
Abundance

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





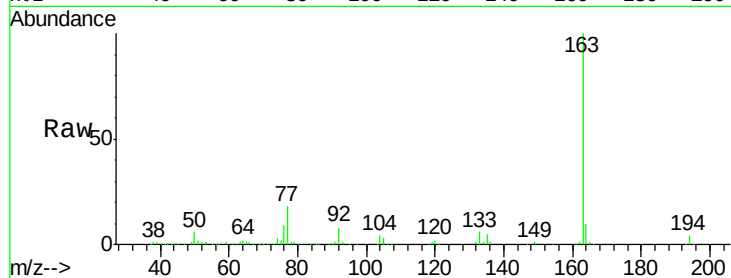
#50
Dimethylphthalate
Concen: 13.390 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF120535.D
Acq: 4 Jun 2020 16:01

Instrument :
BNA_F
ClientSampleId :
NM31-COMP-2020-0-6

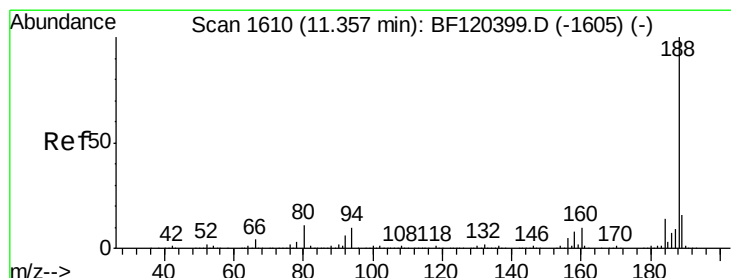
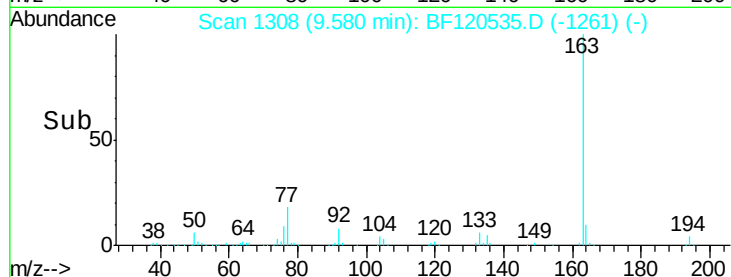
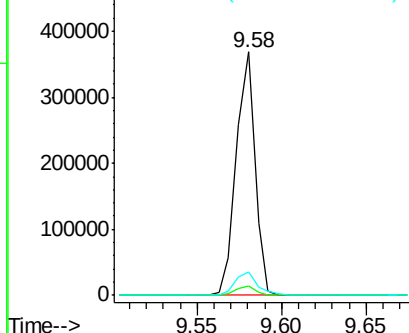
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.7	8.2	12.4

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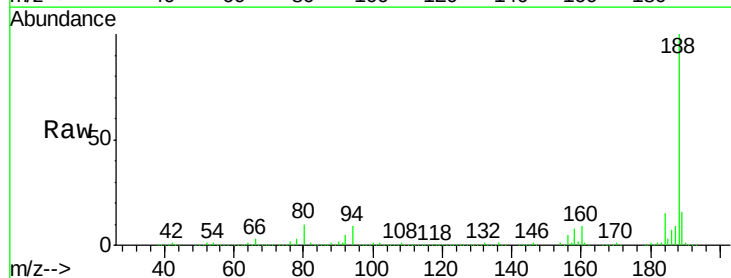


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

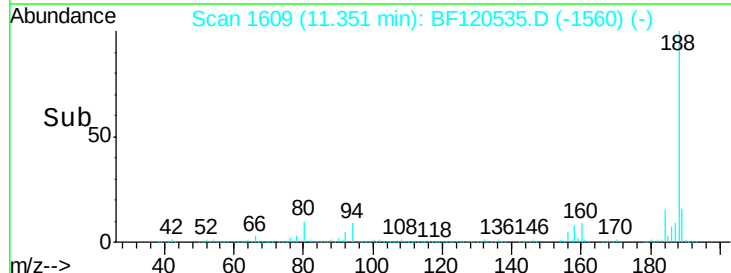
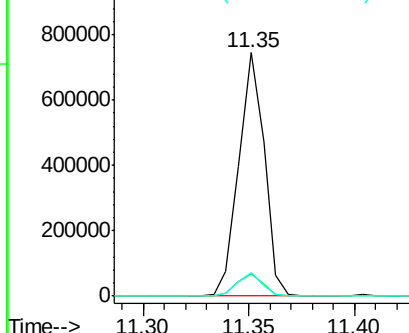


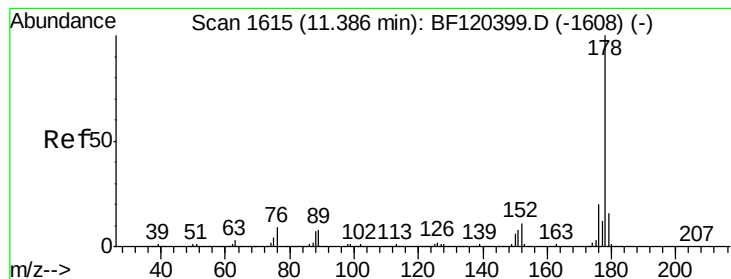
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF120535.D
Acq: 4 Jun 2020 16:01

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	9.3	7.5	11.3
80	9.7	7.9	11.9



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: 2.973 ng

RT: 11.37 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF120535.D

Acq: 4 Jun 2020 16:01

Instrument :

BNA_F

ClientSampleId :

NM31-COMP-2020-0-6

Tot Ion:178 Resp: 81703

Ion Ratio Lower Upper

178 100

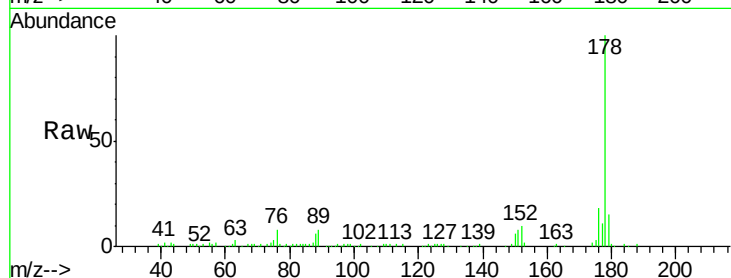
176 17.9 16.6 24.8

179 14.9 13.0 19.4

Manual Integrations
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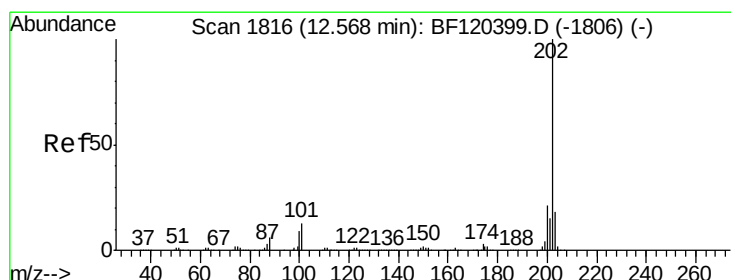
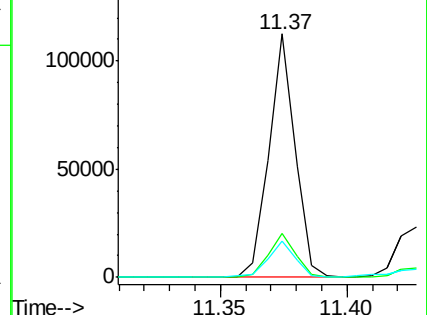
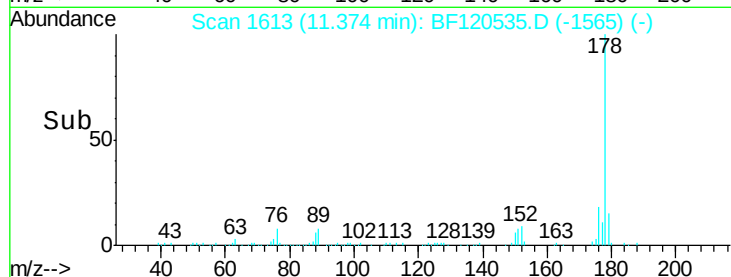
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 5.966 ng

RT: 12.56 min Scan# 1815

Delta R.T. -0.02 min

Lab File: BF120535.D

Acq: 4 Jun 2020 16:01

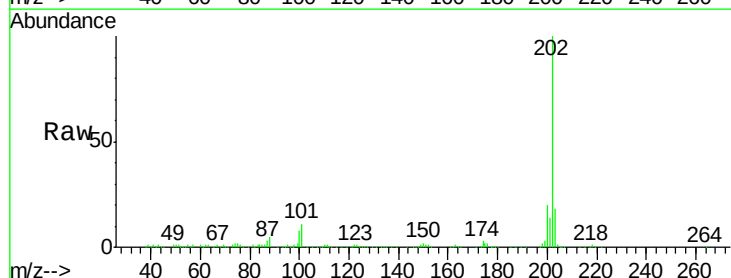
Tgt Ion:202 Resp: 176442

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.4

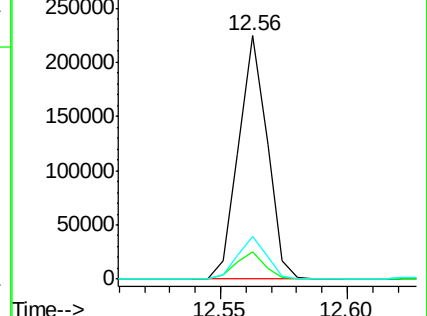
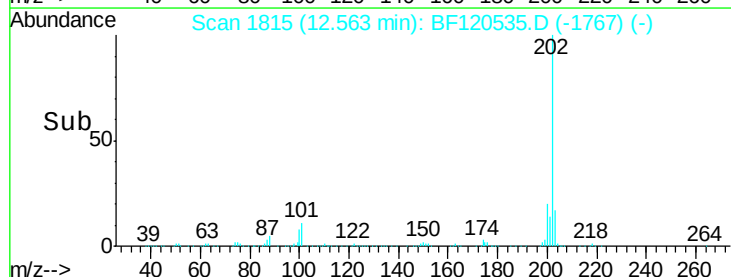
203 17.5 0.0 38.2

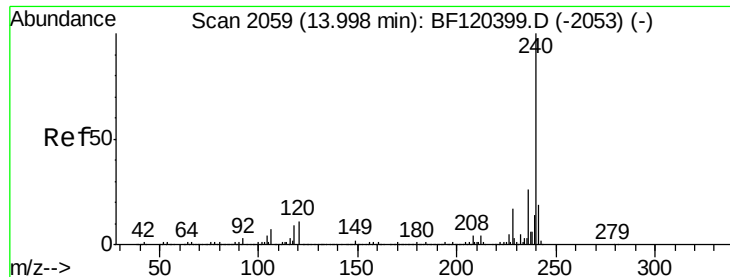


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





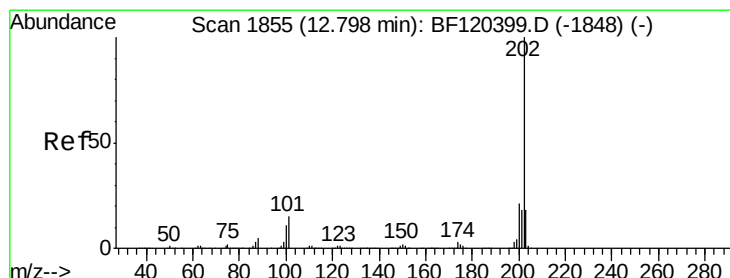
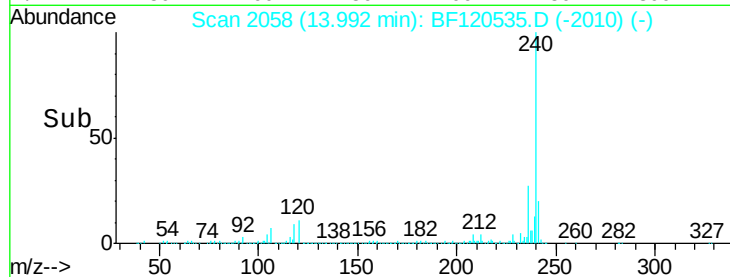
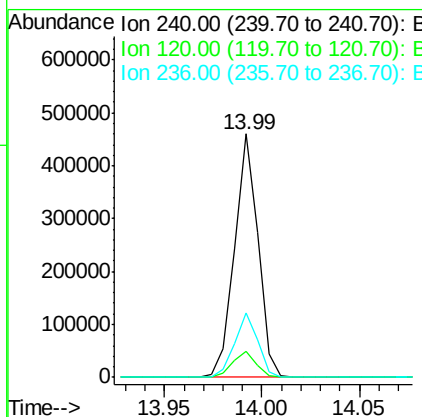
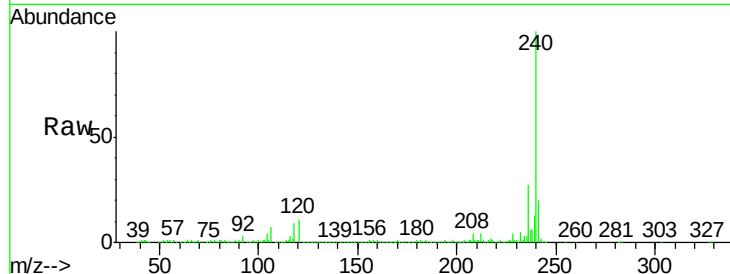
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.02 min
Lab File: BF120535.D
Acq: 4 Jun 2020 16:01

Instrument :
BNA_F
ClientSampleId :
NM31-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	7.9	11.9
236	26.5	21.1	31.7

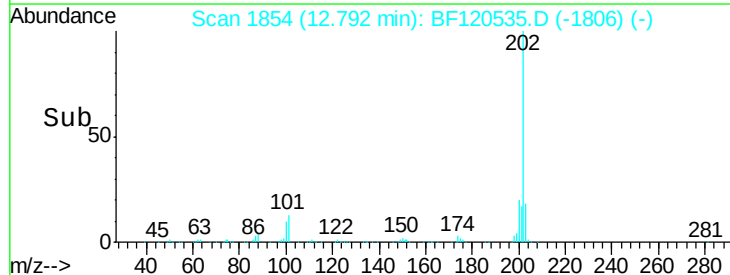
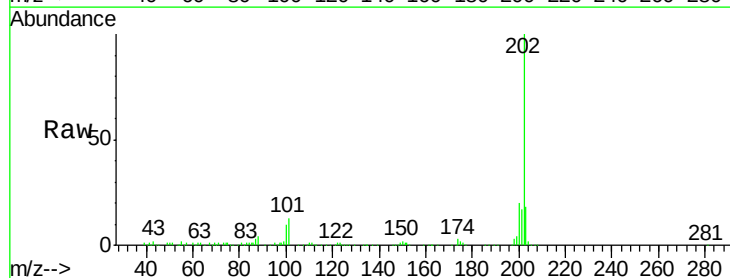
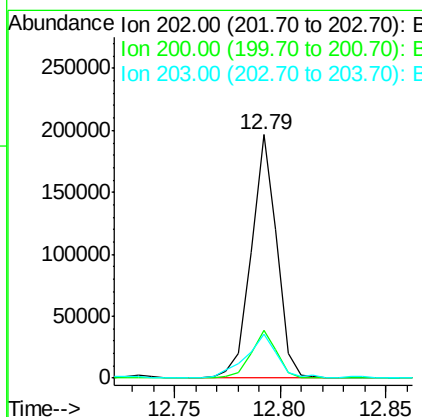
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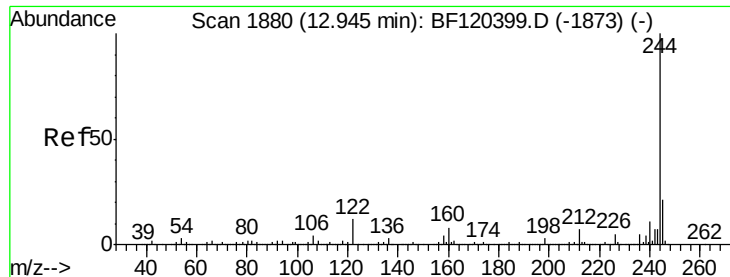
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#78
Pyrene
Concen: 6.227 ng
RT: 12.79 min Scan# 1854
Delta R.T. -0.02 min
Lab File: BF120535.D
Acq: 4 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.3	25.9
203	17.8	14.5	21.7





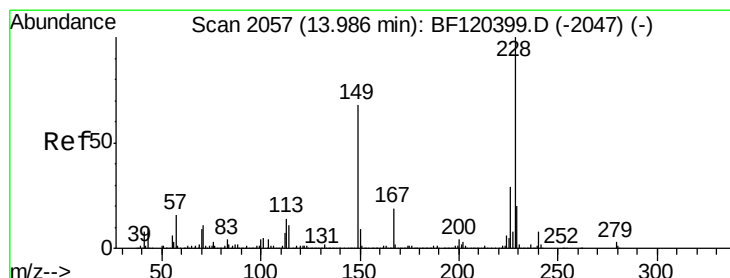
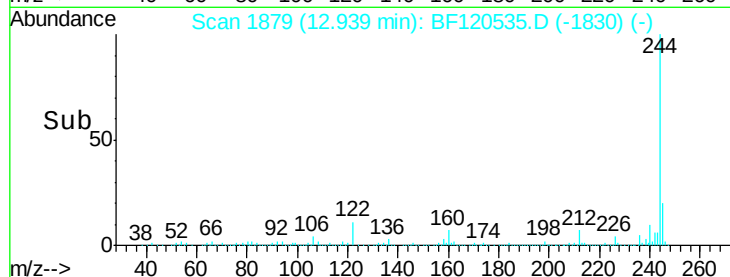
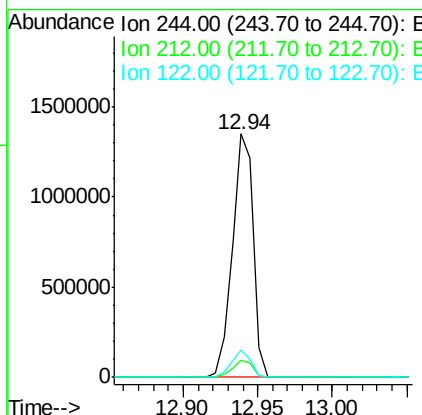
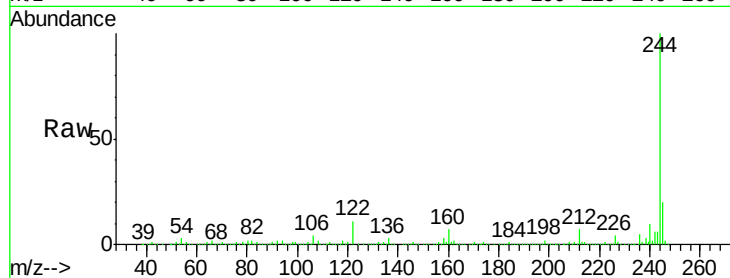
#79
 Terphenyl-d14
 Concen: 76.753 ng
 RT: 12.94 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BF120535.D
 Acq: 4 Jun 2020 16:01

Instrument :
 BNA_F
 ClientSampleId :
 NM31-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.3	8.2	12.4

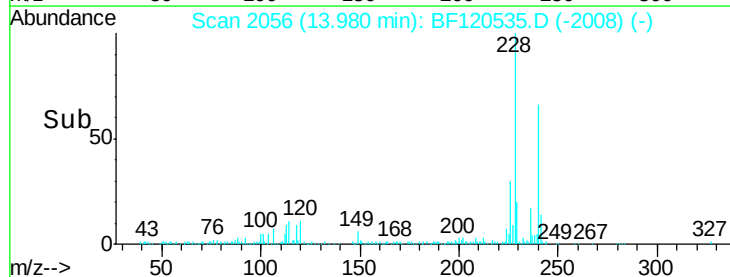
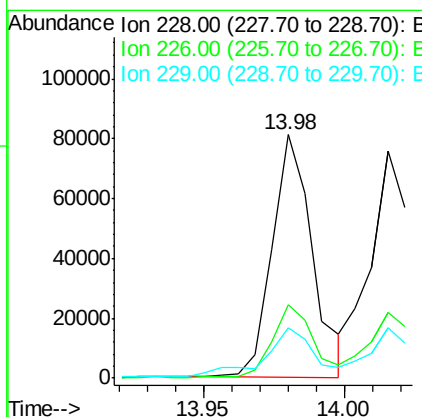
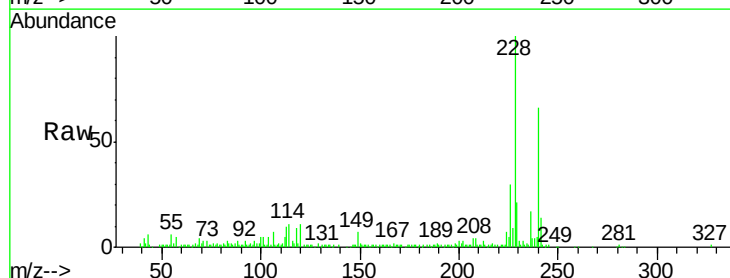
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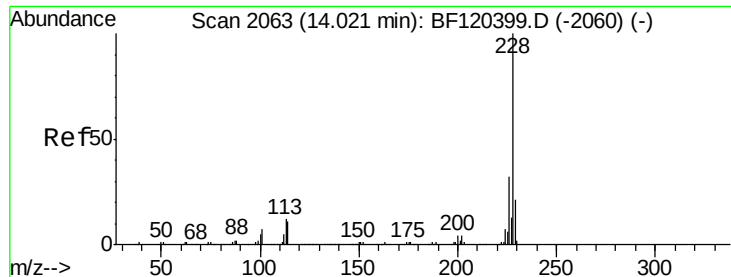
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#81
 Benzo(a)anthracene
 Concen: 3.892 ng
 RT: 13.98 min Scan# 2056
 Delta R.T. -0.02 min
 Lab File: BF120535.D
 Acq: 4 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.7	34.1
229	20.6	16.3	24.5





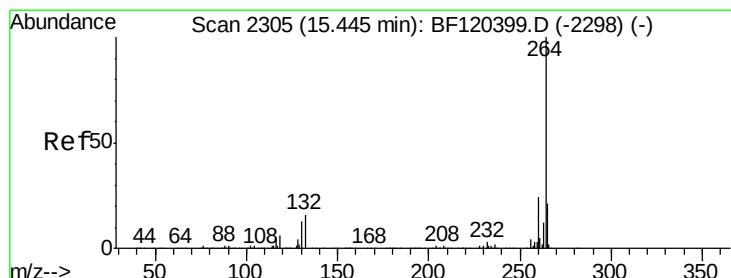
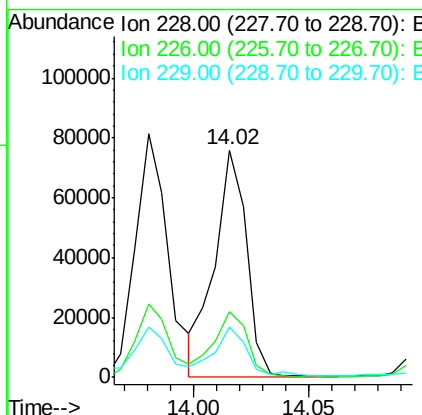
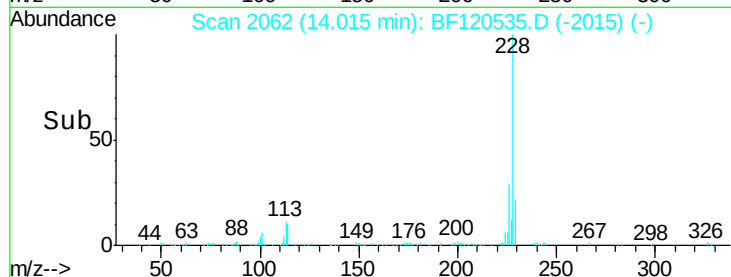
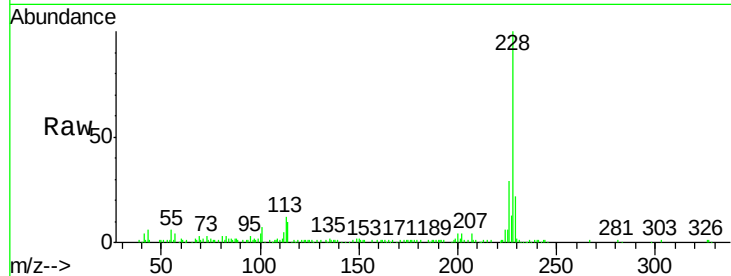
#83
 Chrysene
 Concen: 3.369 ng
 RT: 14.02 min Scan# 2062
 Delta R.T. -0.02 min
 Lab File: BF120535.D
 Acq: 4 Jun 2020 16:01

Instrument :
 BNA_F
 ClientSampleId :
 NM31-COMP-2020-0-6

Tot Ion:	228	Resp:	72569
Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.2	37.8
229	22.2	16.1	24.1

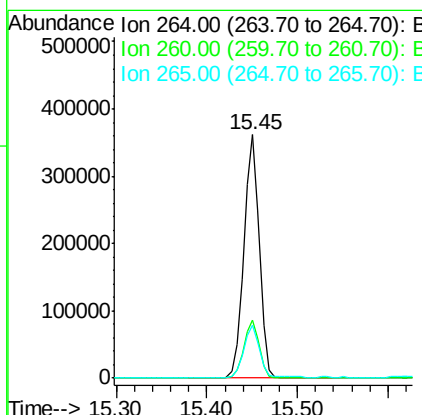
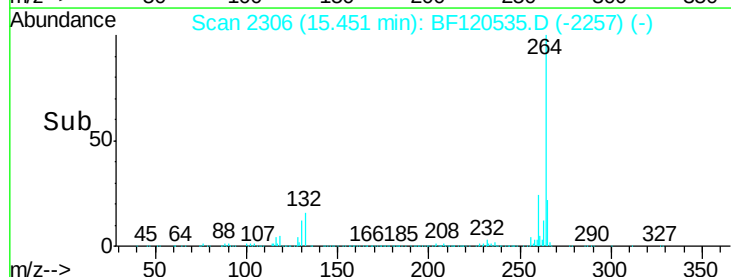
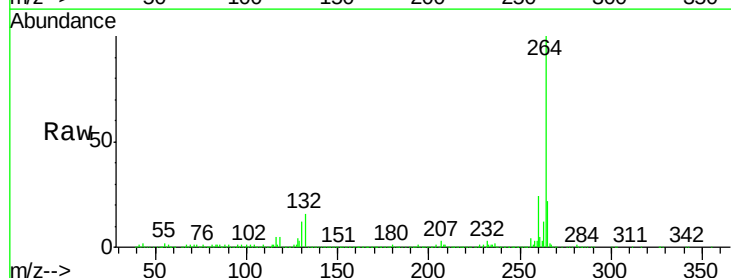
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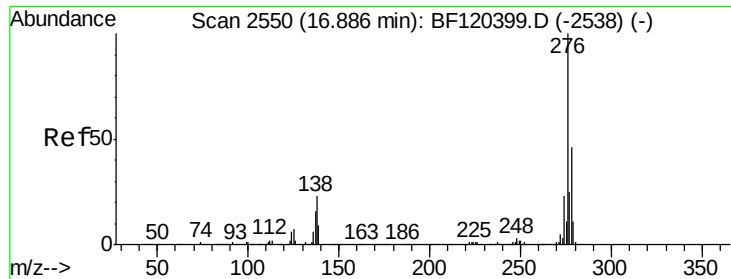
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BF120535.D
 Acq: 4 Jun 2020 16:01

Tgt Ion:	264	Resp:	428251
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.8
265	21.9	17.5	26.3





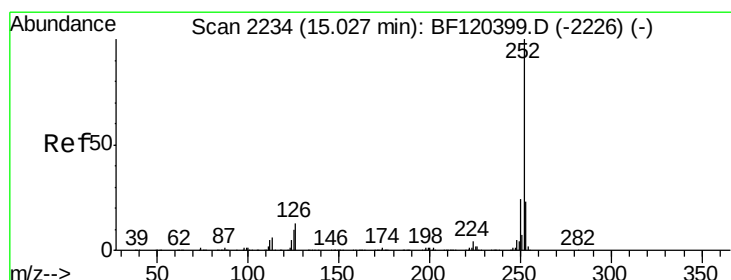
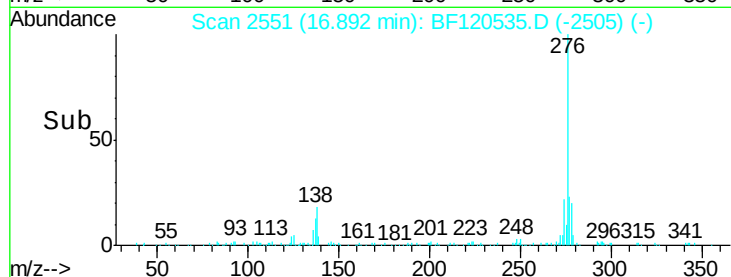
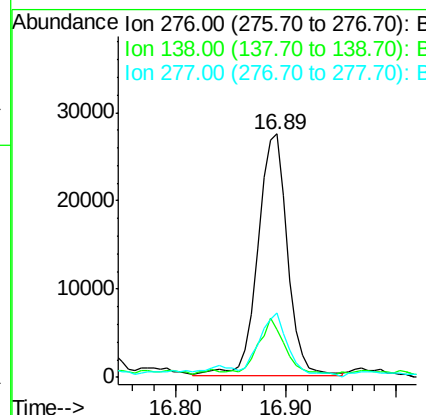
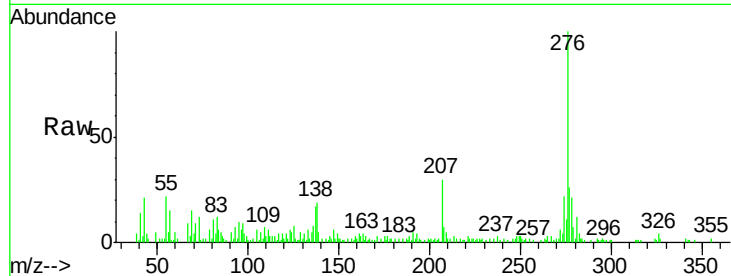
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.208 ng
 RT: 16.89 min Scan# 2551
 Delta R.T. -0.03 min
 Lab File: BF120535.D
 Acq: 4 Jun 2020 16:01

Instrument :
 BNA_F
 ClientSampleId :
 NM31-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.2	19.2	28.8
277	26.9	20.4	30.6

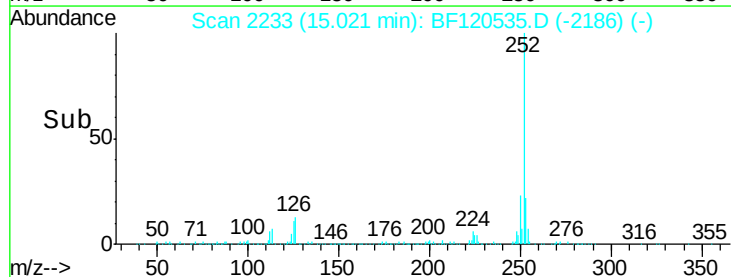
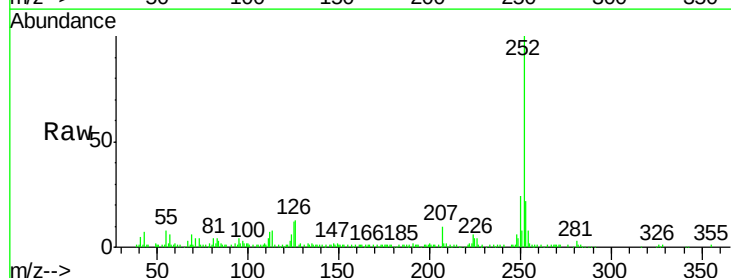
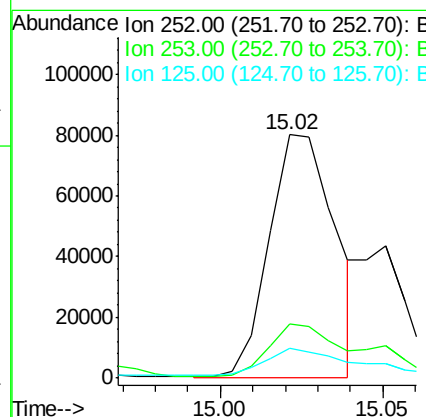
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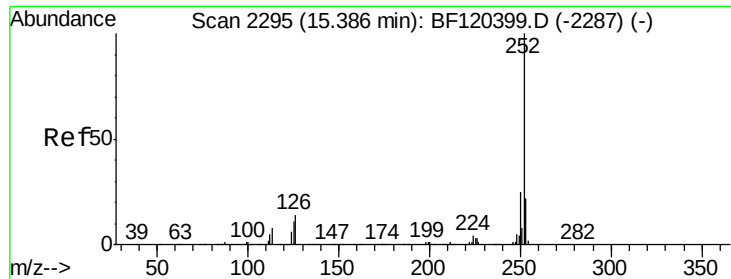
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#88
 Benzo(b)fluoranthene
 Concen: 4.741 ng m
 RT: 15.02 min Scan# 2233
 Delta R.T. -0.02 min
 Lab File: BF120535.D
 Acq: 4 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	12.3	7.6	11.4





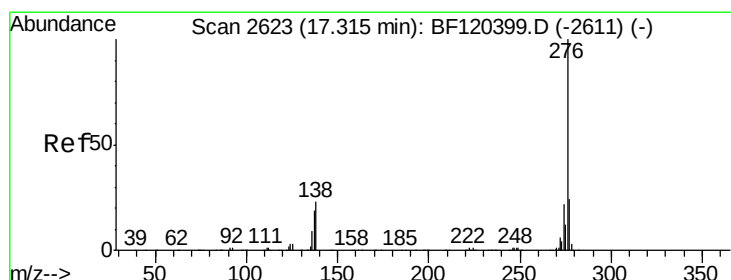
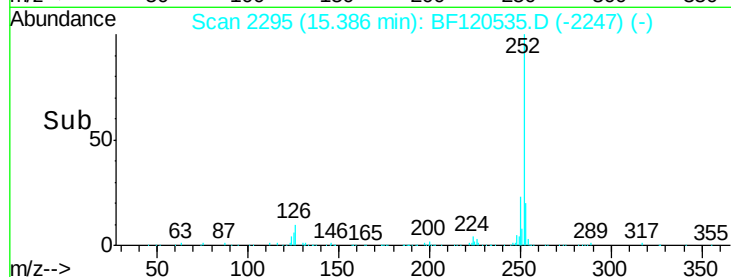
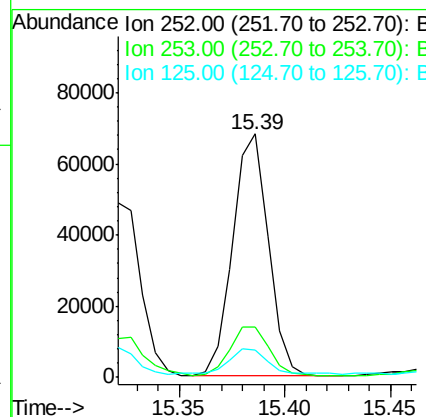
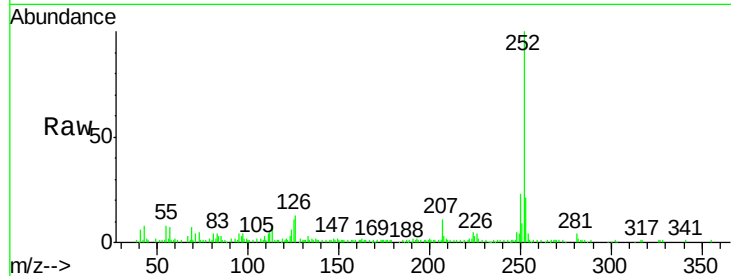
#90
Benzo(a)pyrene
Concen: 3.836 ng
RT: 15.39 min Scan# 2295
Delta R.T. -0.02 min
Lab File: BF120535.D
Acq: 4 Jun 2020 16:01

Instrument :
BNA_F
ClientSampleId :
NM31-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.0	27.0
125	11.1	9.2	13.8

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#92
Benzo(g,h,i)perylene
Concen: 2.349 ng
RT: 17.33 min Scan# 2625
Delta R.T. -0.04 min
Lab File: BF120535.D
Acq: 4 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.4	29.2
138	22.0	16.6	25.0

