

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
 Data File : BF120511.D
 Acq On : 3 Jun 2020 16:02
 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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Quant Time: Jun 03 16:38:51 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	147793	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	560231	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	283197	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	483856	20.00	ng	0.00
76) Chrysene-d12	14.00	240	302662	20.00	ng	-0.01
86) Perylene-d12	15.45	264	320901	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	805760	103.90	ng	0.00
7) Phenol-d6	6.47	99	1019141	106.62	ng	0.00
23) Nitrobenzene-d5	7.40	82	679714	79.36	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	302335	115.22	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1286352	77.07	ng	0.00
79) Terphenyl-d14	12.94	244	1154168	84.86	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	245369	13.859	ng	99
71) Phenanthrene	11.38	178	61955	2.906	ng	97
75) Fluoranthene	12.57	202	127730	5.568	ng	98
78) Pyrene	12.80	202	117834	5.598	ng	98
81) Benzo(a)anthracene	13.99	228	60142	3.708	ng	96
83) Chrysene	14.02	228	59973	3.527	ng	97
87) Indeno(1,2,3-cd)pyrene	16.89	276	36766	2.095	ng	# 93
88) Benzo(b)fluoranthene	15.03	252	87598m	4.915	ng	
90) Benzo(a)pyrene	15.39	252	60745	3.896	ng	100
92) Benzo(g,h,i)perylene	17.33	276	34832	2.468	ng	96

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

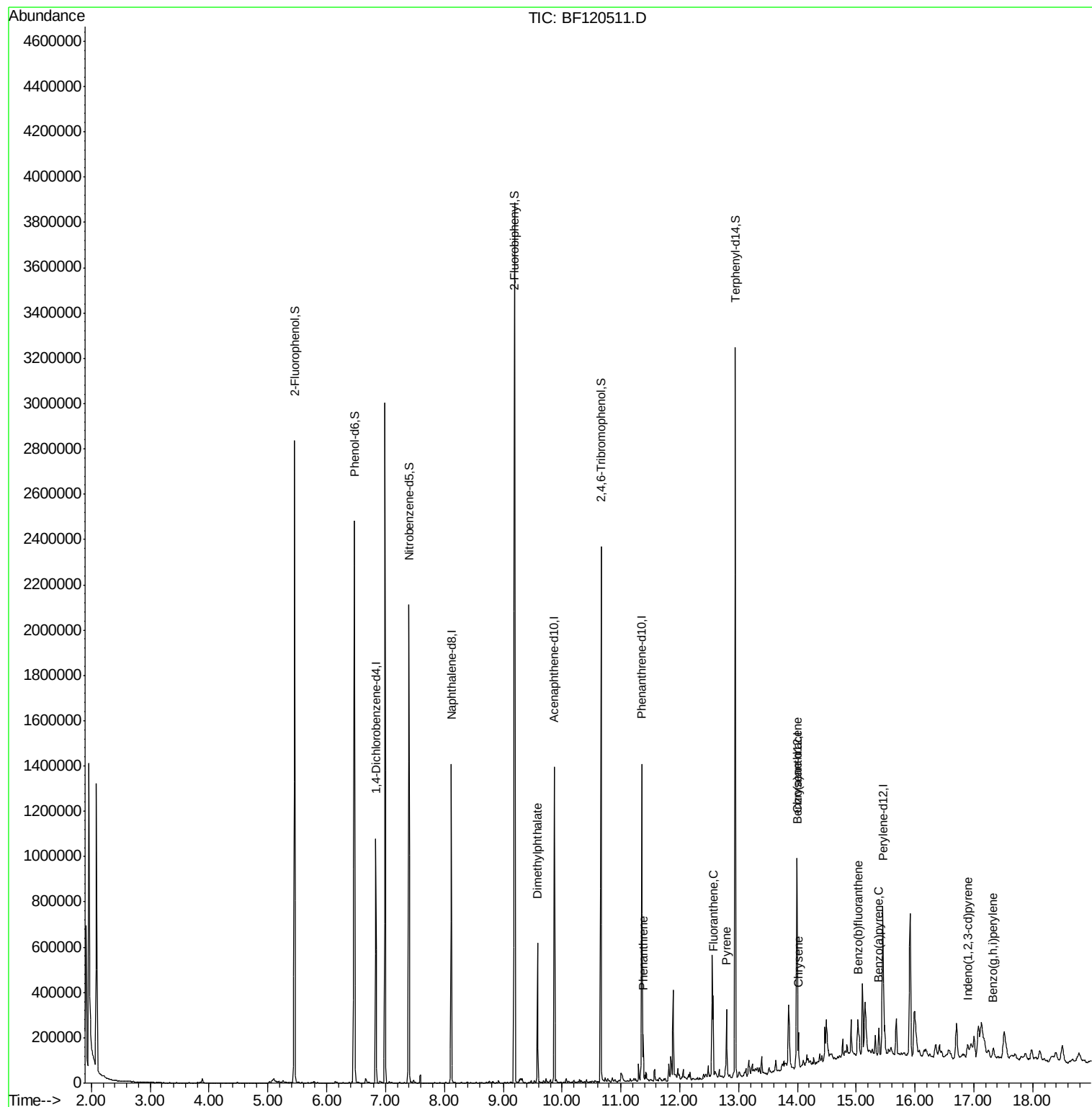
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120511.D
Acq On : 3 Jun 2020 16:02
Operator : JU/CG
Sample : L2839-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

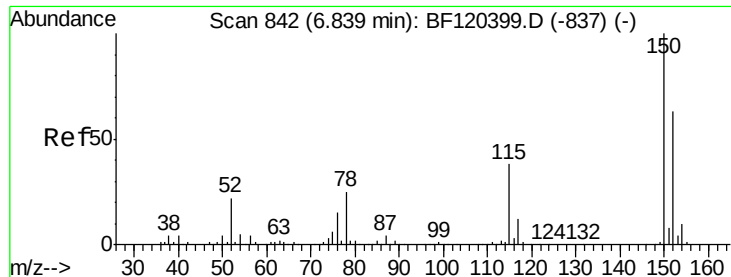
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 03 14:26:17 2020
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#1

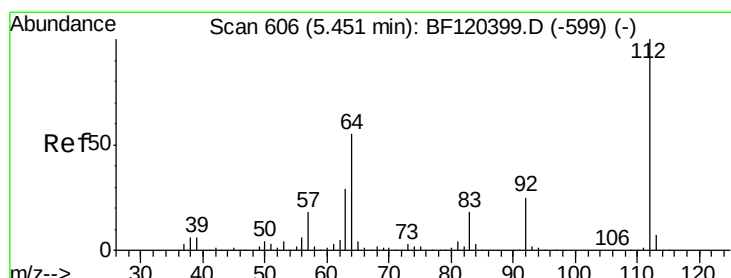
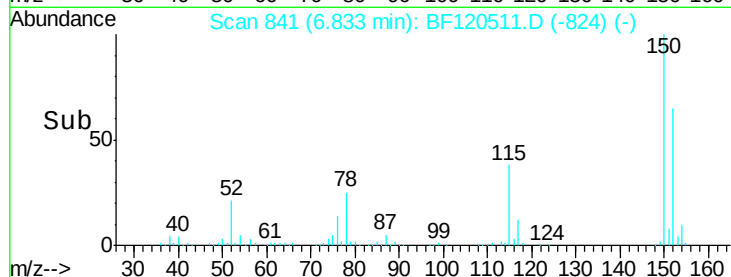
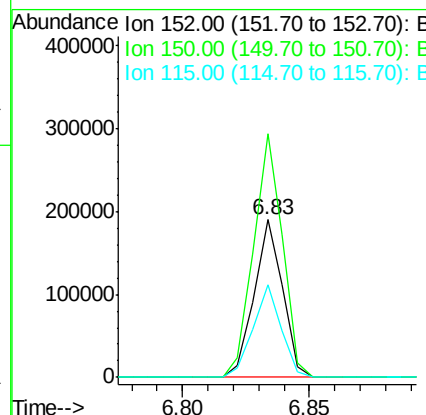
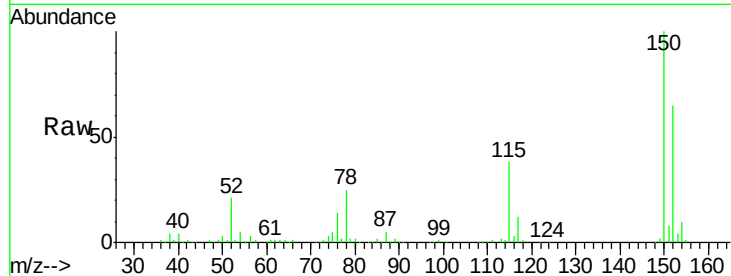
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF120511.D
Acq: 3 Jun 2020 16:02

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	127.1	190.7
115	59.2	48.7	73.1

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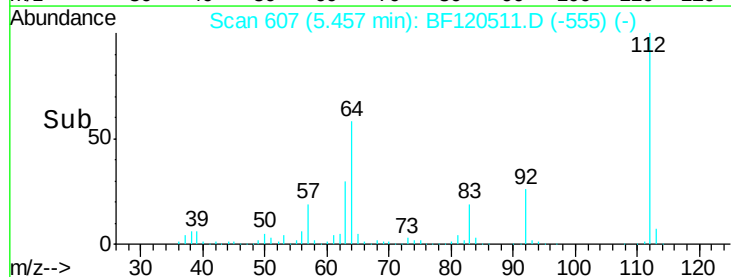
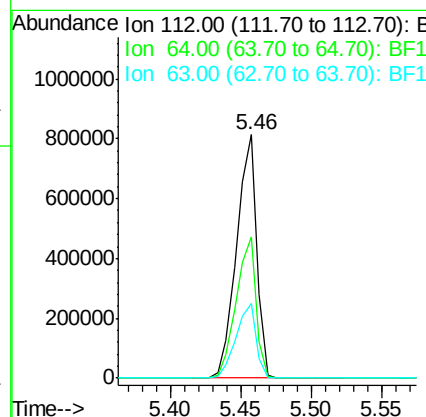
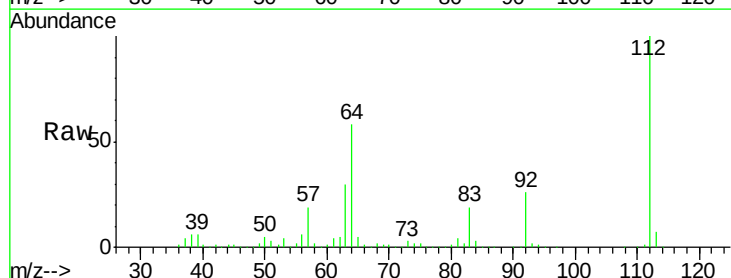
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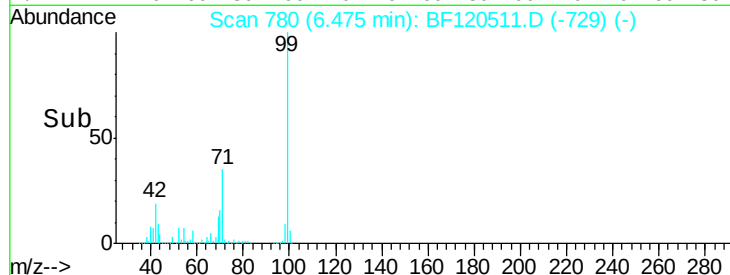
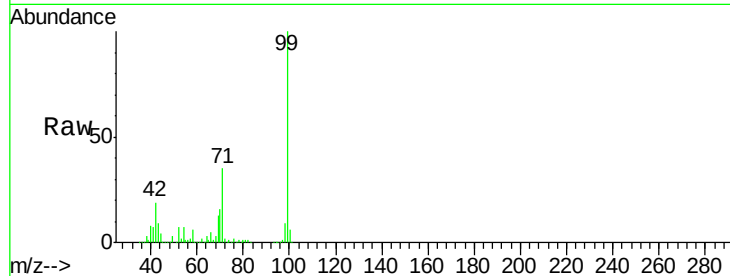
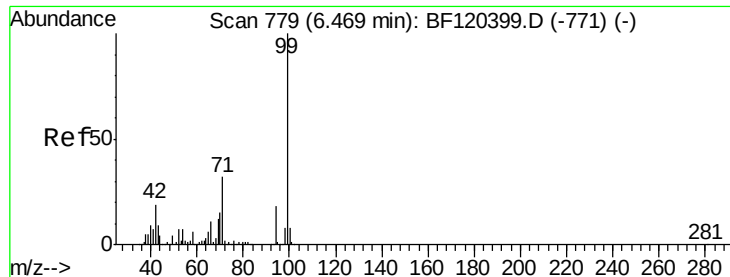


#5

2-Fluorophenol
Concen: 103.900 ng
RT: 5.46 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF120511.D
Acq: 3 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	45.8	68.8
63	30.5	23.7	35.5





#7

Phenol-d6

Concen: 106.619 ng

RT: 6.47 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF120511.D

Acq: 3 Jun 2020 16:02

Tot Ion:	99	Resp:	1019141
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.0	22.4
71	35.5	26.3	39.5

Instrument :

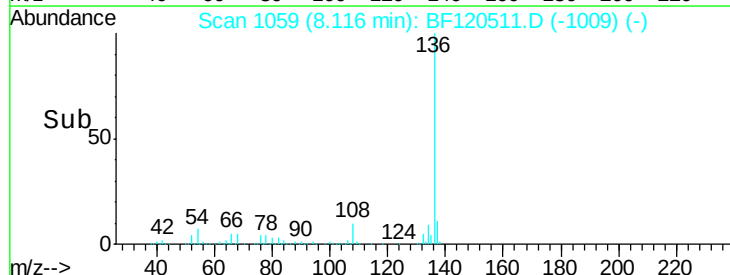
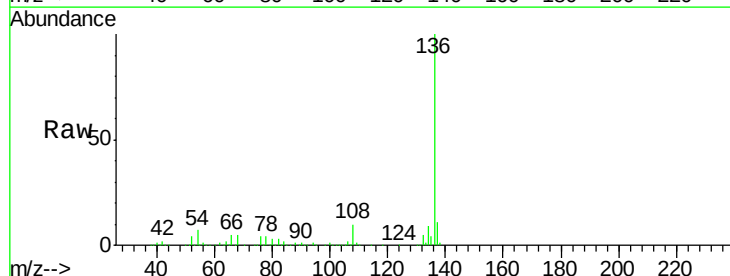
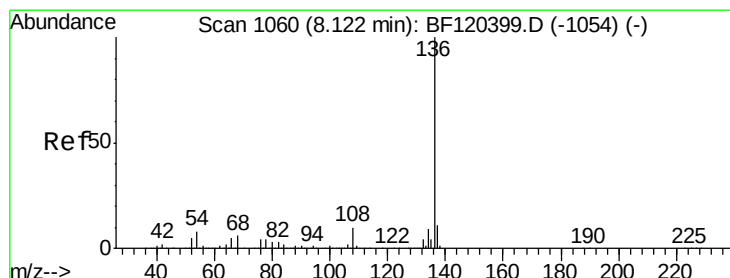
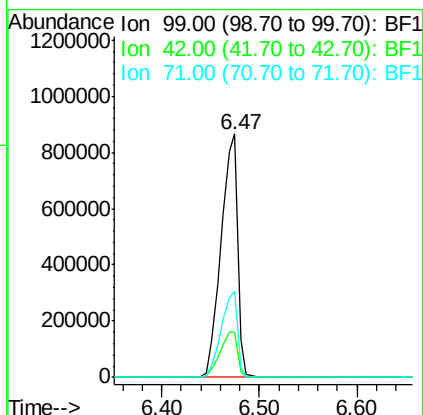
BNA_F

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

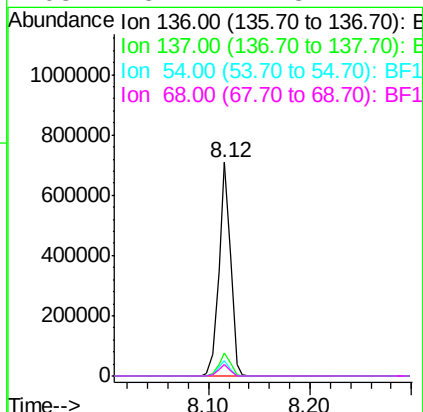
RT: 8.12 min Scan# 1059

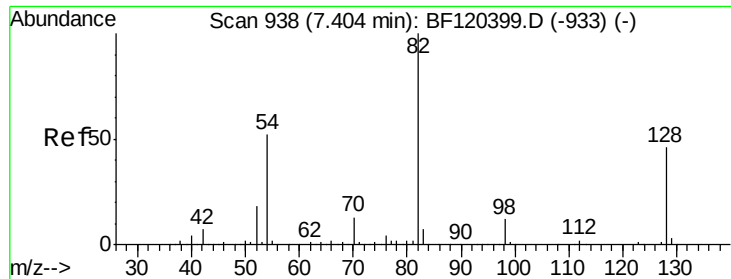
Delta R.T. -0.01 min

Lab File: BF120511.D

Acq: 3 Jun 2020 16:02

Tgt Ion:	136	Resp:	560231
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.2	6.0	9.0
68	5.4	4.8	7.2





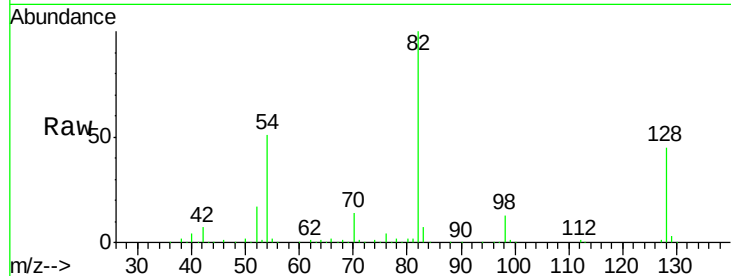
#23
Nitrobenzene-d5
Concen: 79.364 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF120511.D
Acq: 3 Jun 2020 16:02

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

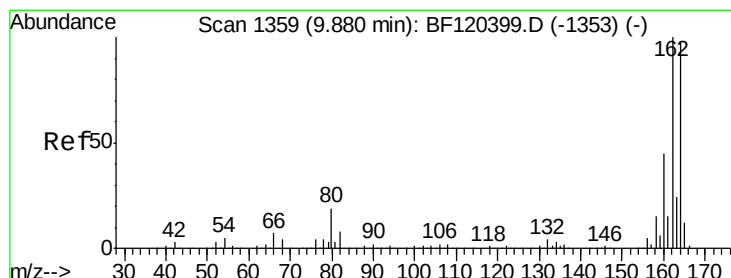
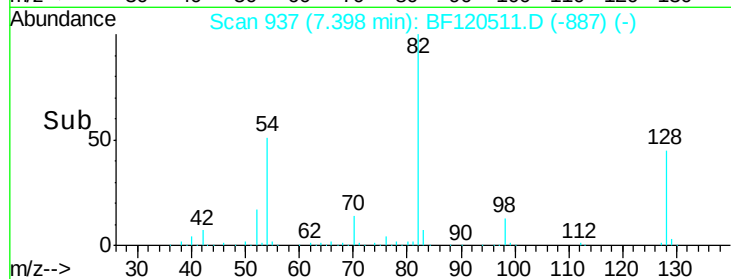
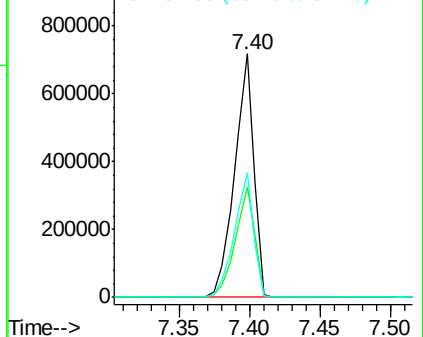
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	37.4	56.0
54	51.4	40.7	61.1

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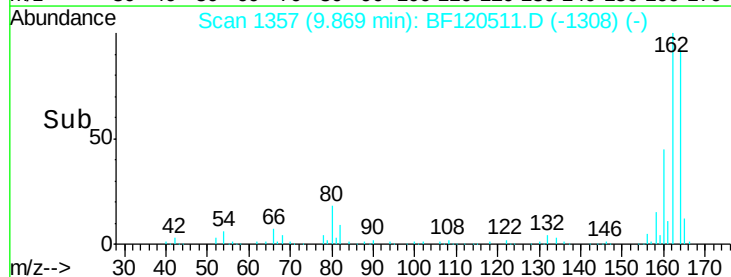
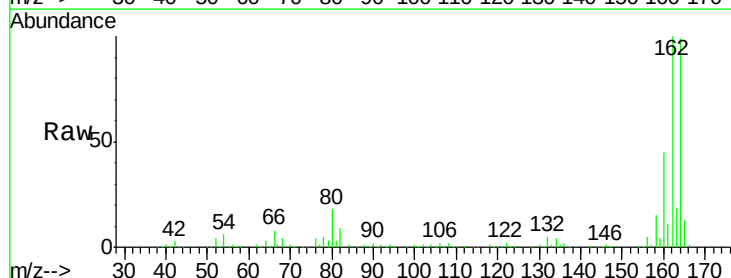
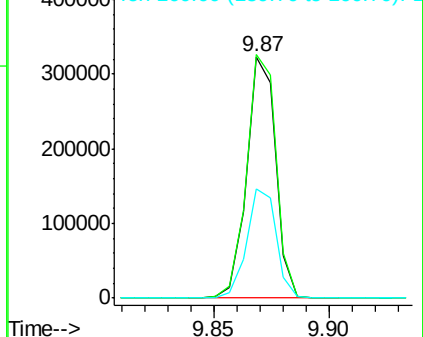
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

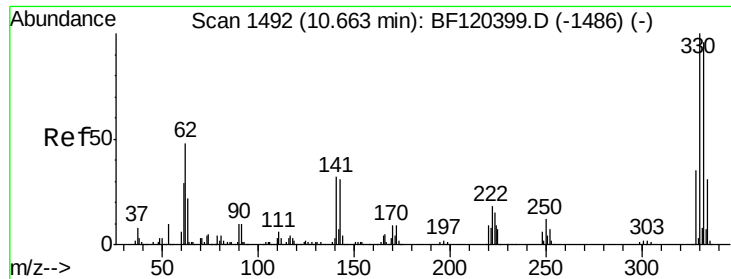


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF120511.D
Acq: 3 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.8	122.6
160	45.1	37.3	55.9

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 115.222 ng

RT: 10.66 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF120511.D

Acq: 3 Jun 2020 16:02

Instrument :

BNA_F

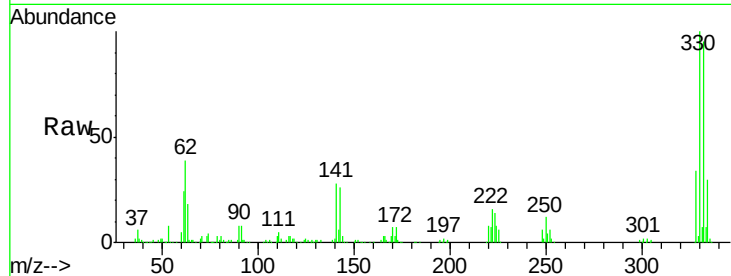
ClientSampleId :

NM31-COMP-2020-0-6

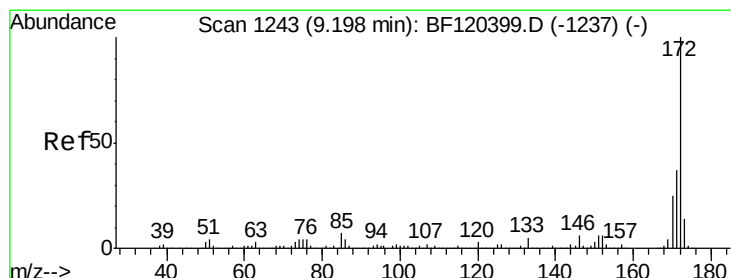
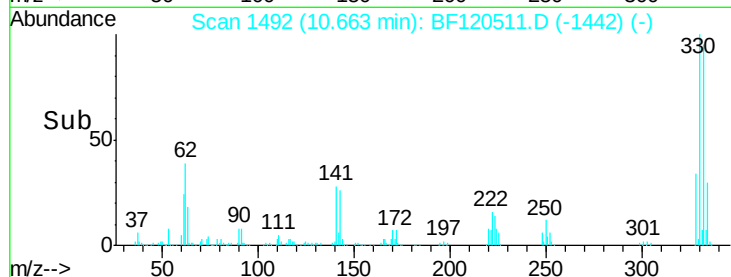
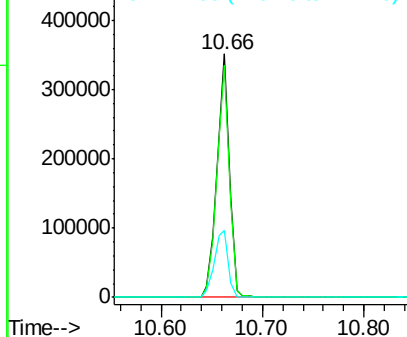
Tot Ion:	330	Resp:	302335
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.4	116.2
141	30.3	23.5	35.3

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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: 77.068 ng

RT: 9.19 min Scan# 1242

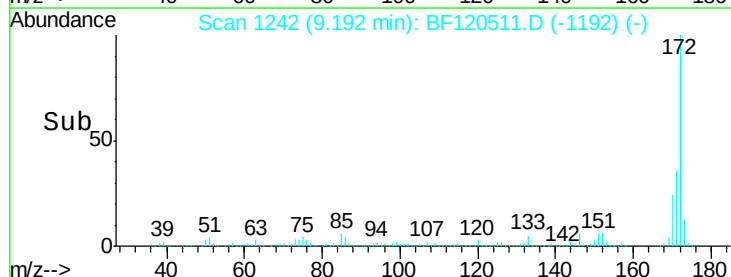
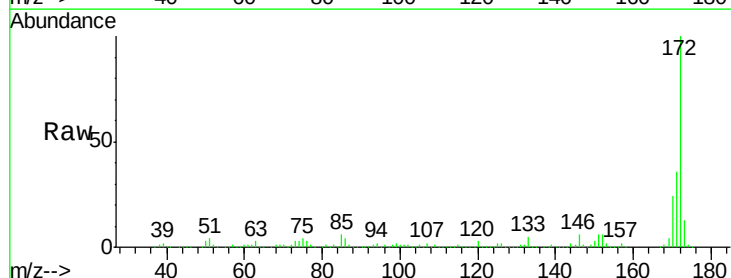
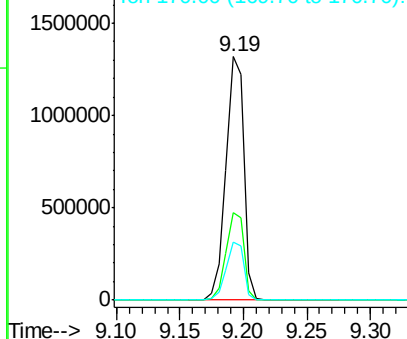
Delta R.T. -0.01 min

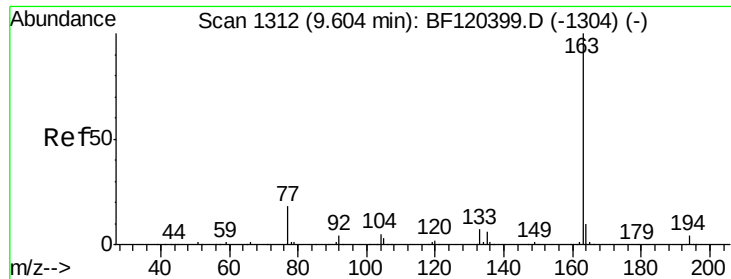
Lab File: BF120511.D

Acq: 3 Jun 2020 16:02

Tgt Ion:	172	Resp:	1286352
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.2	43.8
170	23.7	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





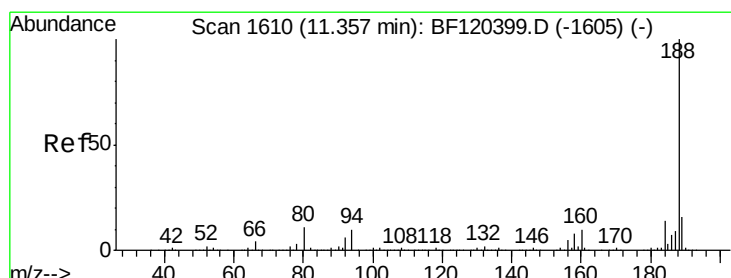
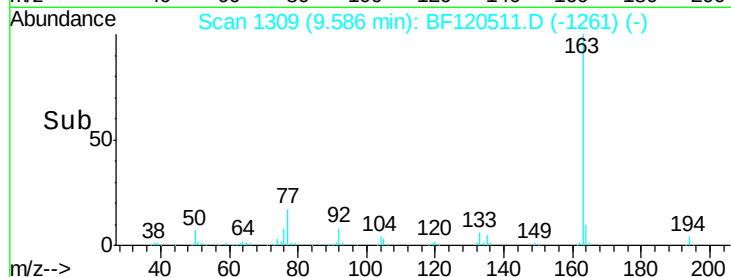
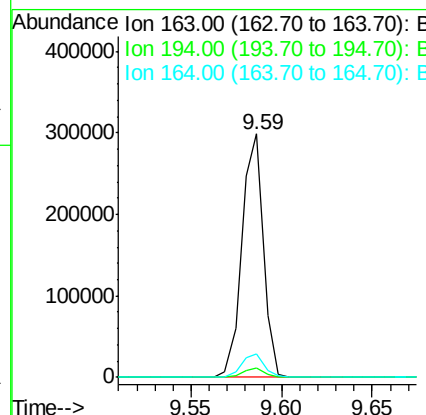
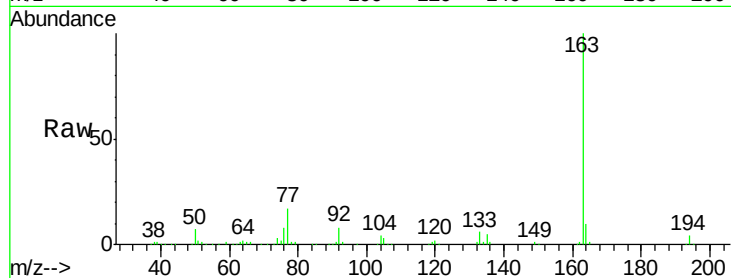
#50
Dimethylphthalate
Concen: 13.859 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120511.D
Acq: 3 Jun 2020 16:02

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

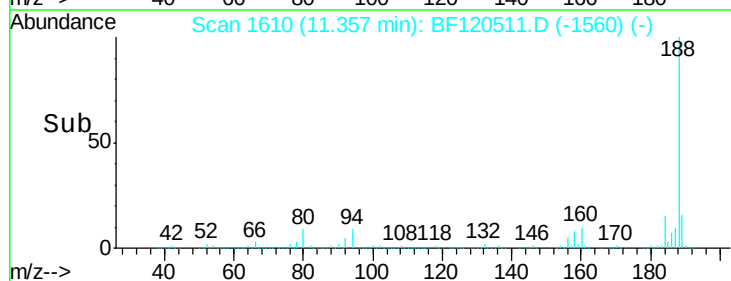
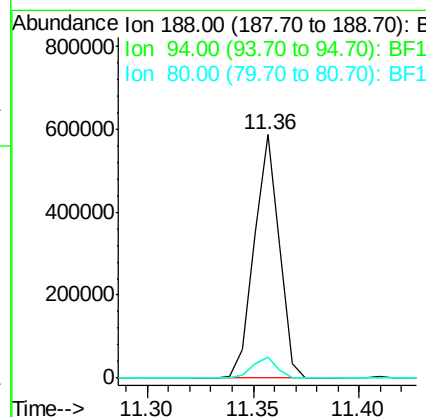
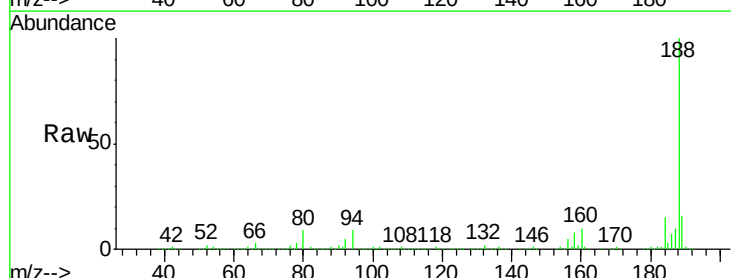
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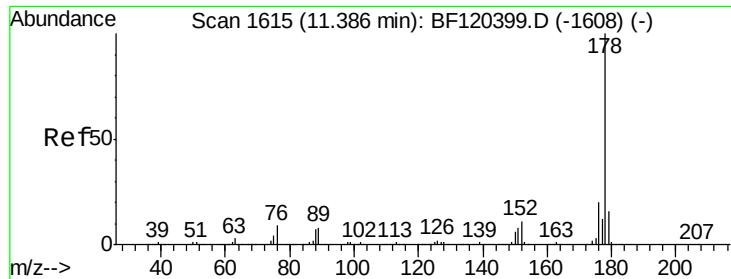
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF120511.D
Acq: 3 Jun 2020 16:02

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	8.7	7.5	11.3
80	8.6	7.9	11.9





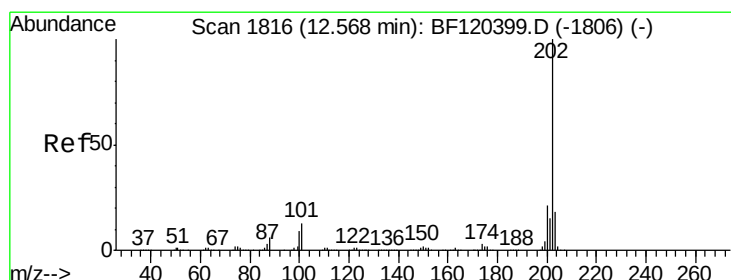
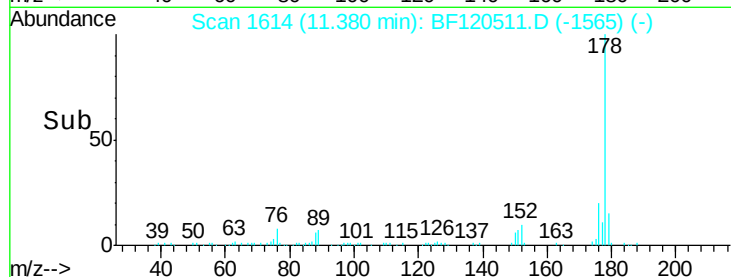
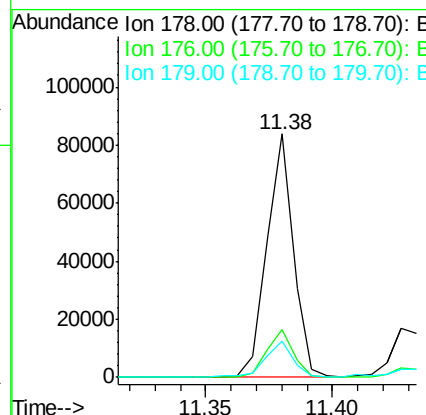
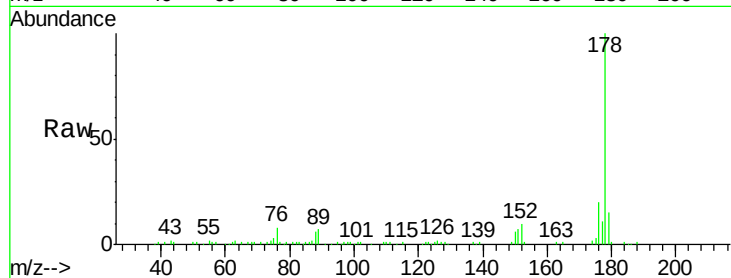
#71
Phenanthrene
Concen: 2.906 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120511.D
Acq: 3 Jun 2020 16:02

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.6	24.8
179	15.1	13.0	19.4

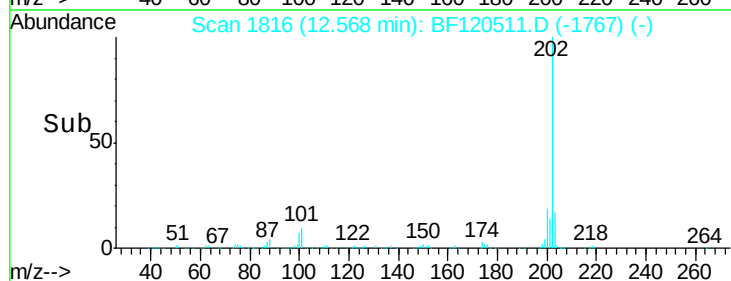
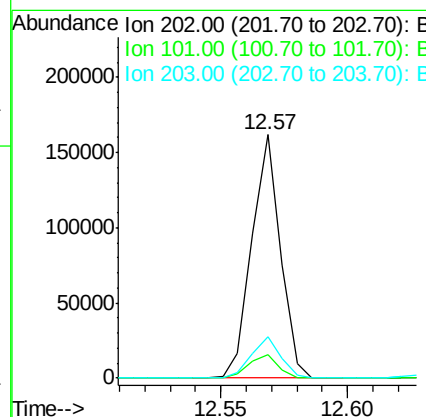
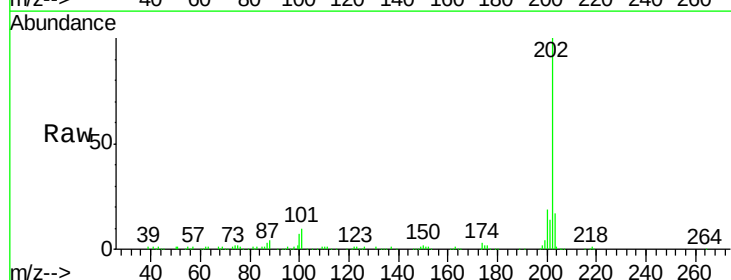
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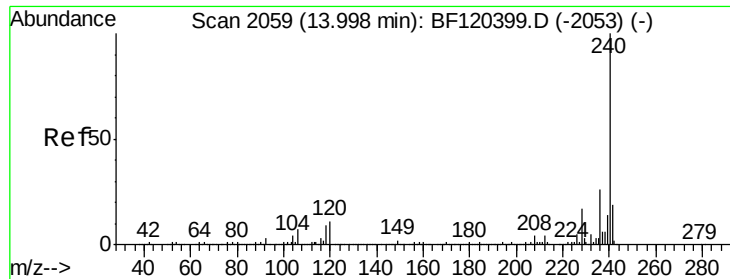
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#75
Fluoranthene
Concen: 5.568 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF120511.D
Acq: 3 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.4
203	17.2	0.0	38.2





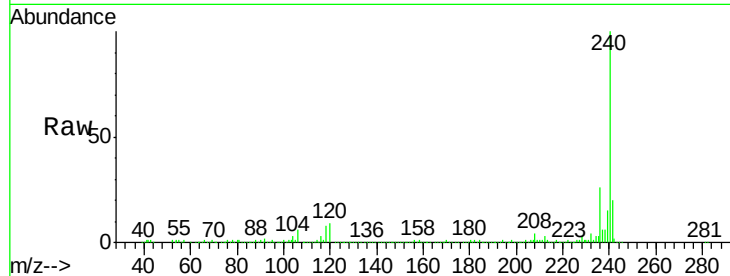
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF120511.D
Acq: 3 Jun 2020 16:02

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

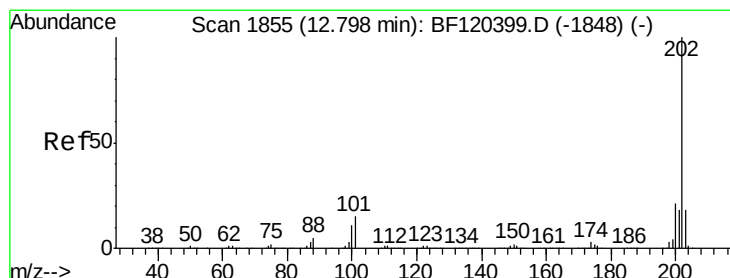
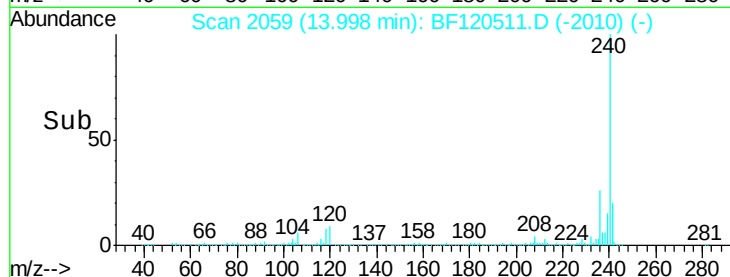
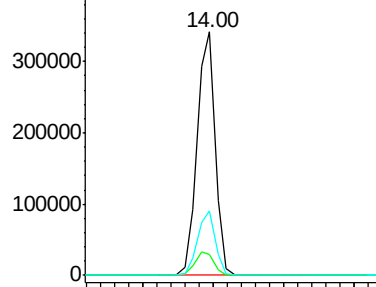
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.9	11.9
236	26.4	21.1	31.7

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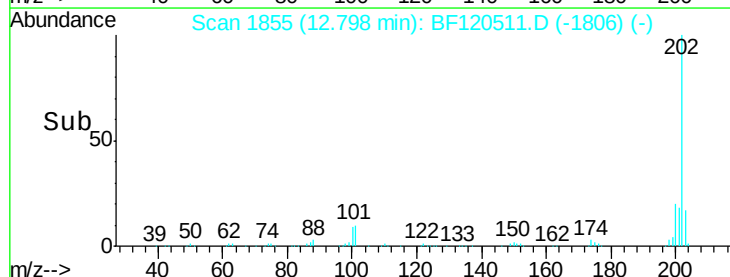
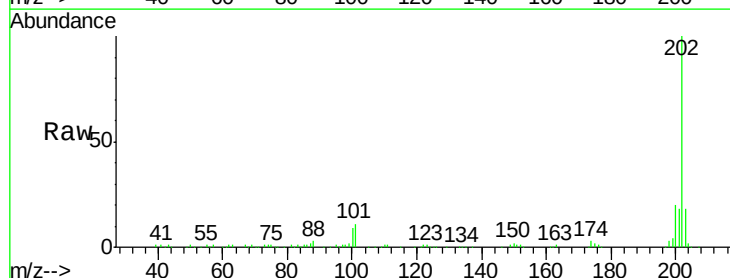
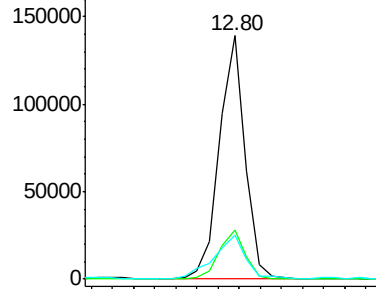
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

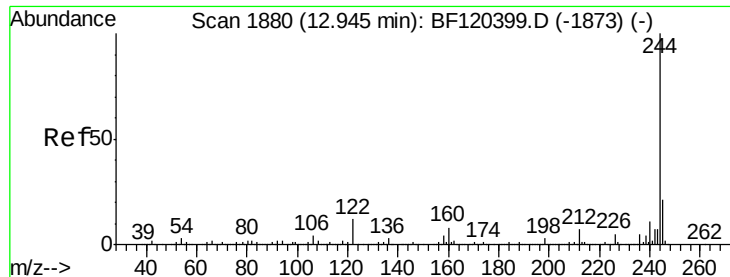


#78
Pyrene
Concen: 5.598 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF120511.D
Acq: 3 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.3	25.9
203	17.9	14.5	21.7

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





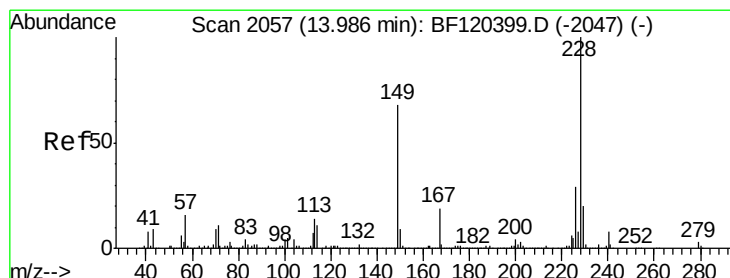
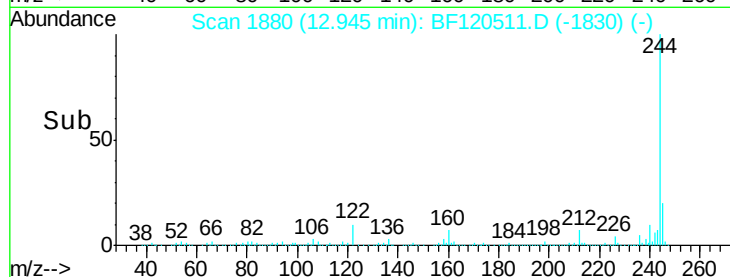
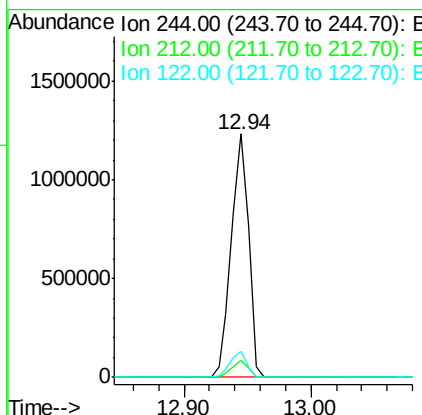
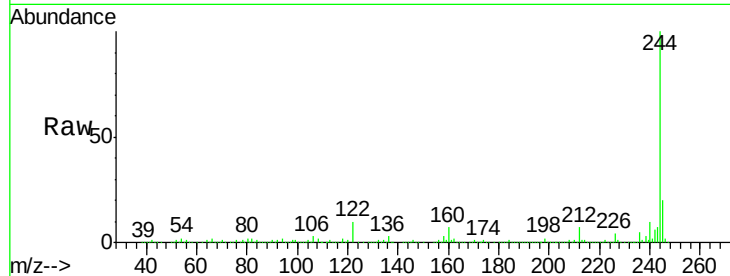
#79
 Terphenyl-d14
 Concen: 84.857 ng
 RT: 12.94 min Scan# 1880
 Delta R.T. -0.01 min
 Lab File: BF120511.D
 Acq: 3 Jun 2020 16:02

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.5	8.2	12.4

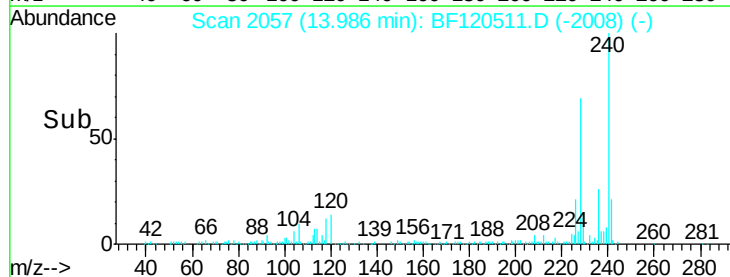
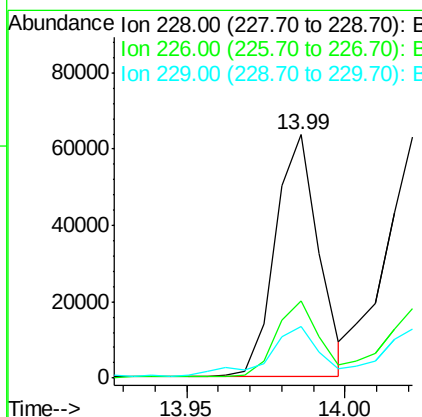
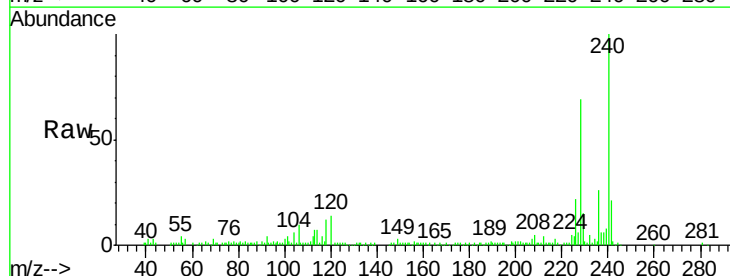
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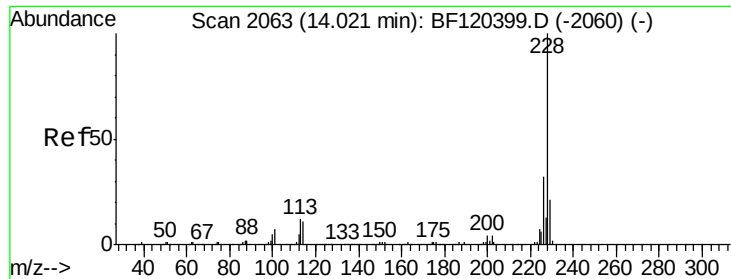
mohammad
 6/4/2020 12:12:24 PM



#81
 Benzo(a)anthracene
 Concen: 3.708 ng
 RT: 13.99 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BF120511.D
 Acq: 3 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.7	34.1
229	21.4	16.3	24.5





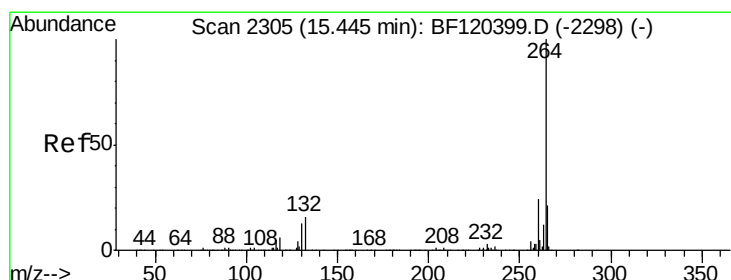
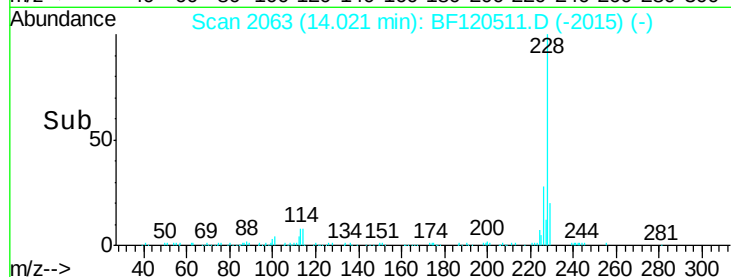
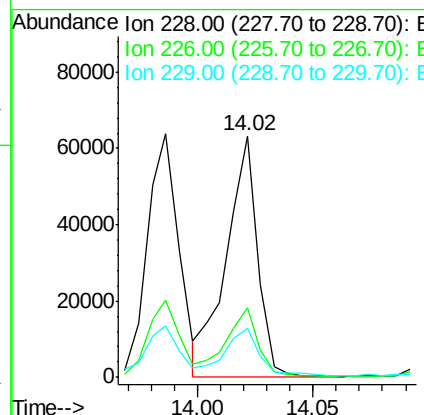
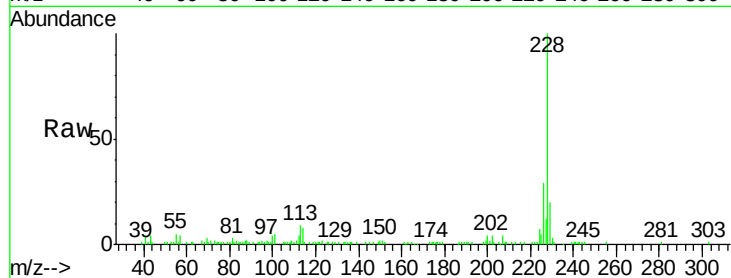
#83
Chrysene
Concen: 3.527 ng
RT: 14.02 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BF120511.D
Acq: 3 Jun 2020 16:02

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.2	37.8
229	20.5	16.1	24.1

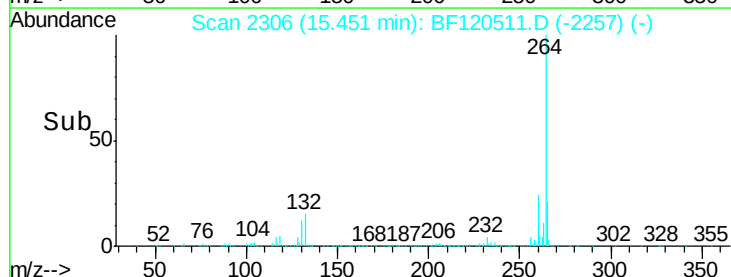
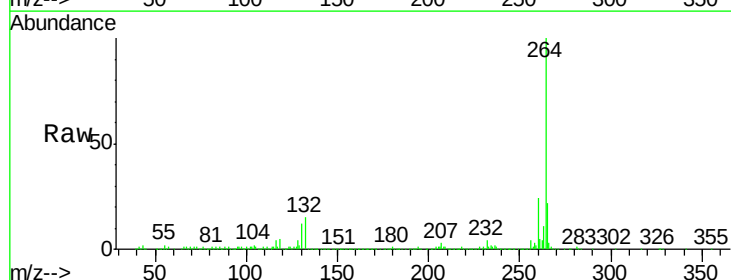
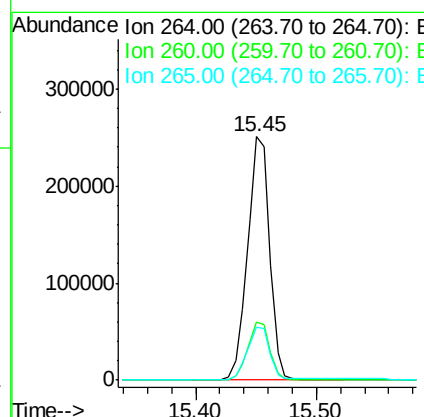
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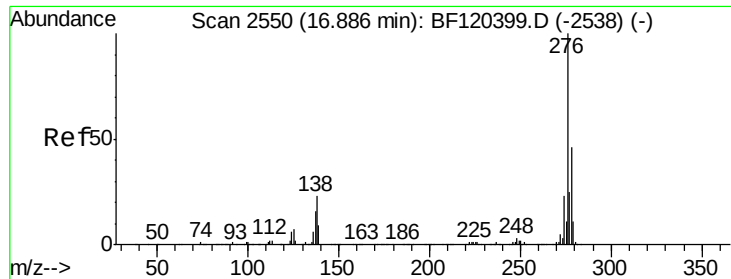
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF120511.D
Acq: 3 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.8
265	21.6	17.5	26.3





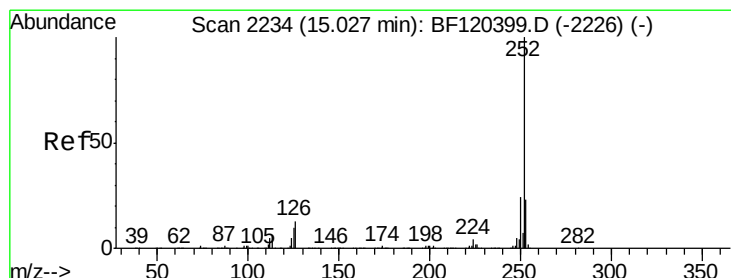
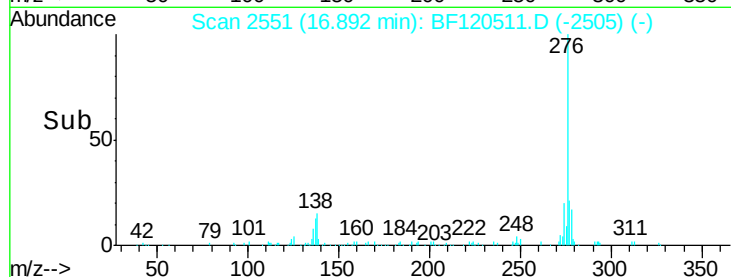
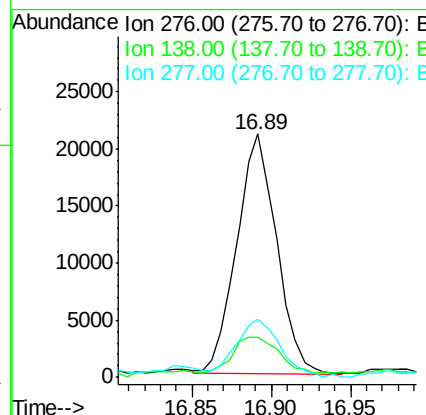
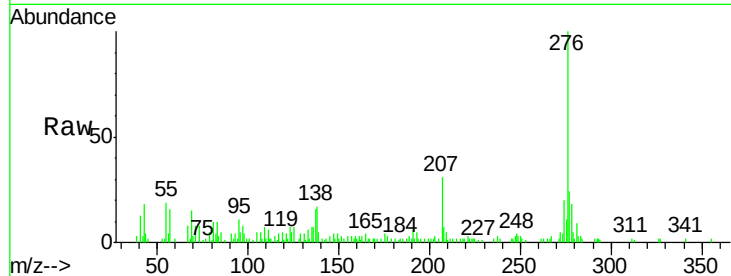
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.095 ng
 RT: 16.89 min Scan# 2551
 Delta R.T. -0.03 min
 Lab File: BF120511.D
 Acq: 3 Jun 2020 16:02

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.3	19.2	28.8#
277	26.8	20.4	30.6

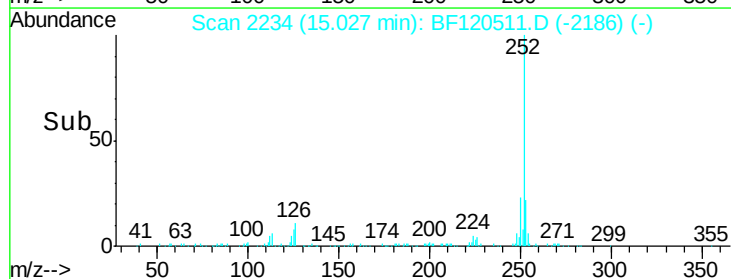
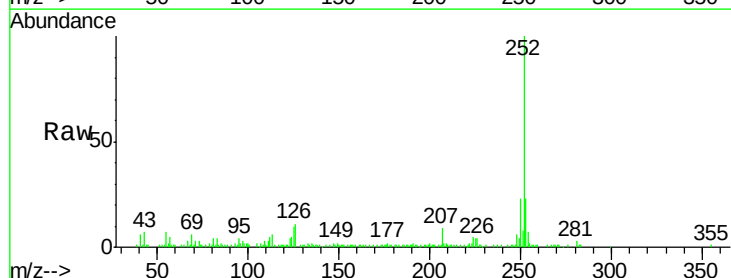
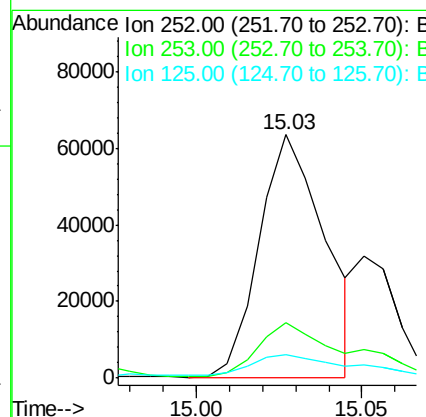
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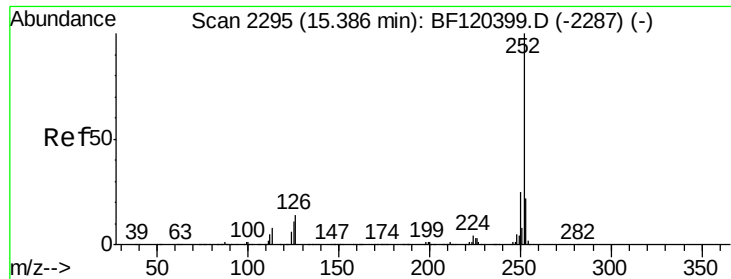
mohammad
 6/4/2020 12:12:24 PM



#88
 Benzo(b)fluoranthene
 Concen: 4.915 ng m
 RT: 15.03 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF120511.D
 Acq: 3 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	9.9	7.6	11.4





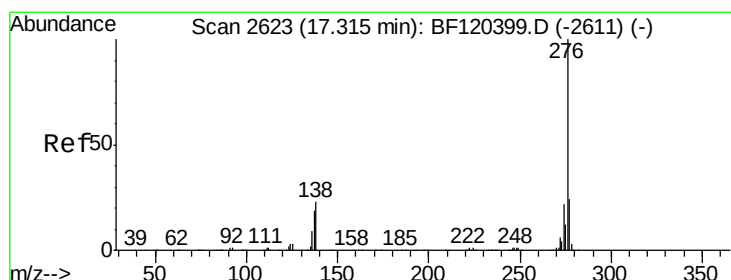
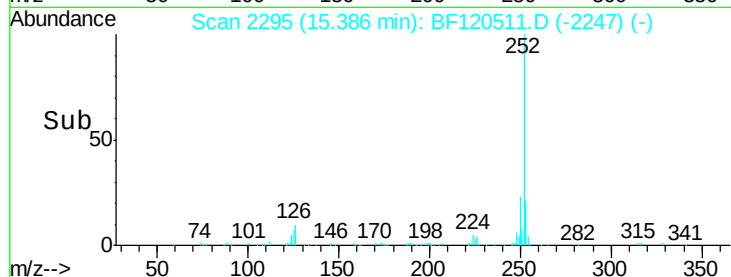
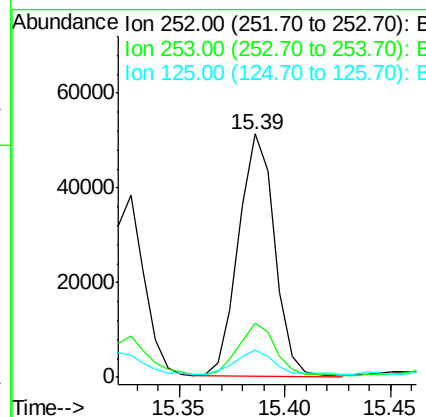
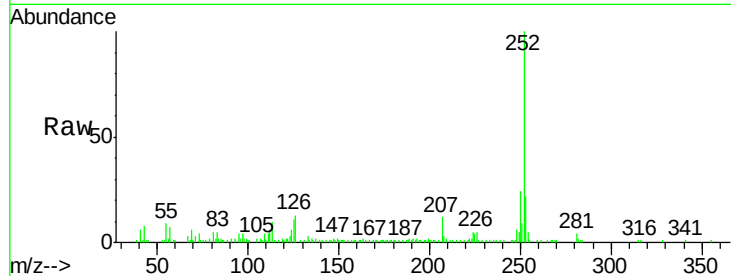
#90
Benzo(a)pyrene
Concen: 3.896 ng
RT: 15.39 min Scan# 2295
Delta R.T. -0.02 min
Lab File: BF120511.D
Acq: 3 Jun 2020 16:02

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	11.4	9.2	13.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.468 ng
RT: 17.33 min Scan# 2625
Delta R.T. -0.04 min
Lab File: BF120511.D
Acq: 3 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.2
138	24.4	16.6	25.0

