

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
 Data File : BF120416.D
 Acq On : 28 May 2020 19:02
 Operator : MA/SJ
 Sample : L2746-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM108-COMP-2020-0-6

Manual Integrations
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mohammad
 5/29/2020 10:28:19 PM

Quant Time: May 29 04:25:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	292978	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1032912	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	471639	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	741329	20.00	ng	0.00
76) Chrysene-d12	13.99	240	559811	20.00	ng	0.00
86) Perylene-d12	15.44	264	544760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1308635	85.12	ng	0.00
7) Phenol-d6	6.46	99	1637087	86.40	ng	0.00
23) Nitrobenzene-d5	7.40	82	1040811	65.91	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	368236	84.27	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1840017	66.19	ng	0.00
79) Terphenyl-d14	12.94	244	1542927	61.33	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	510427	17.31	ng	99
75) Fluoranthene	12.57	202	132786	3.78	ng	96
78) Pyrene	12.80	202	123977	3.18	ng	98
81) Benzo(a)anthracene	13.98	228	72143	2.40	ng	95
83) Chrysene	14.02	228	66345	2.11	ng	96
88) Benzo(b)fluoranthene	15.02	252	100376m	3.32	ng	
90) Benzo(a)pyrene	15.38	252	64528	2.44	ng	# 96

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

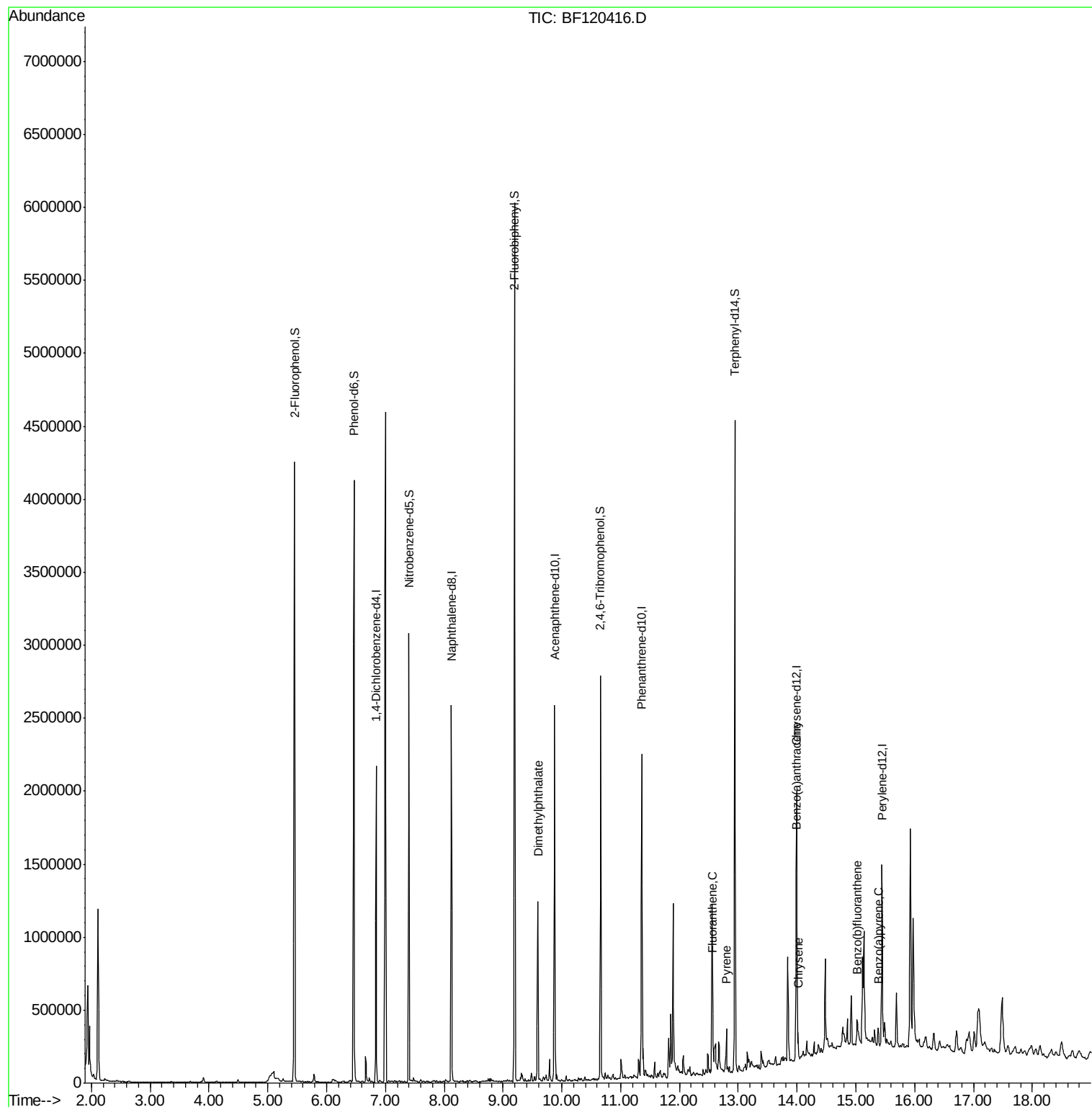
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120416.D
Acq On : 28 May 2020 19:02
Operator : MA/SJ
Sample : L2746-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

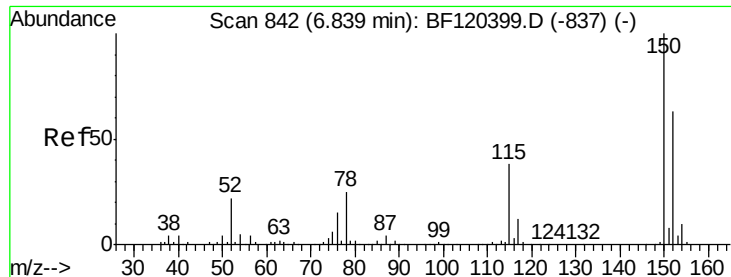
Instrument :
BNA_F
ClientSampleId :
NM108-COMP-2020-0-6

Manual Integrations
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#1

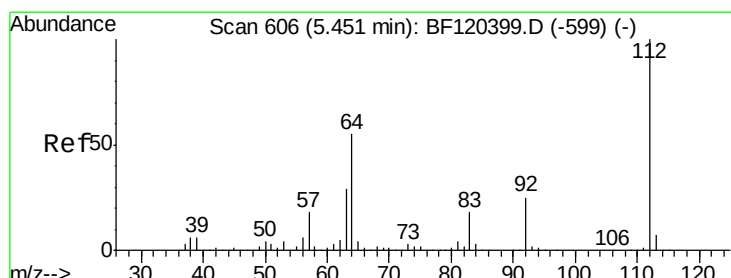
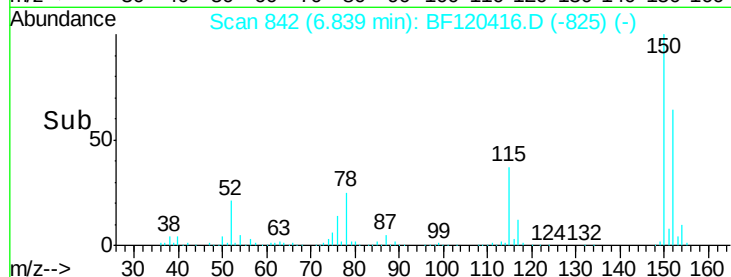
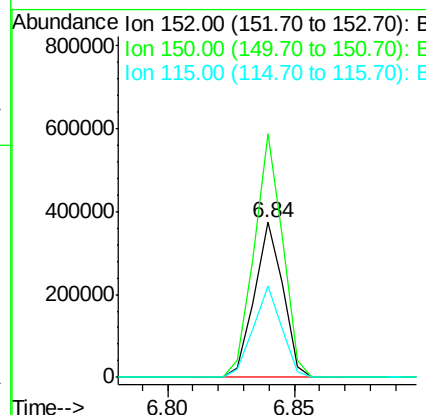
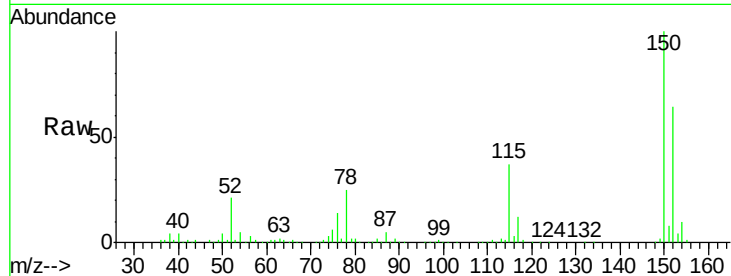
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF120416.D
Acq: 28 May 2020 19:02

Instrument :
BNA_F
ClientSampleId :
NM108-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	292978		
150	157.1	126.5	189.7	
115	58.9	47.6	71.4	

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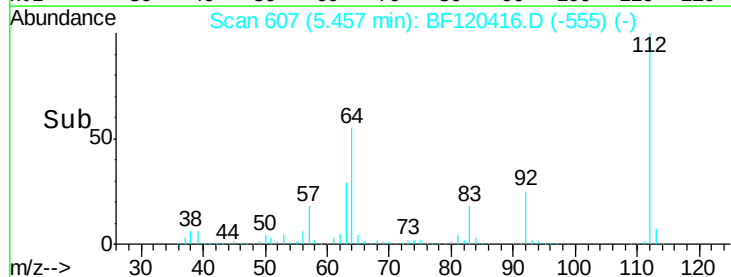
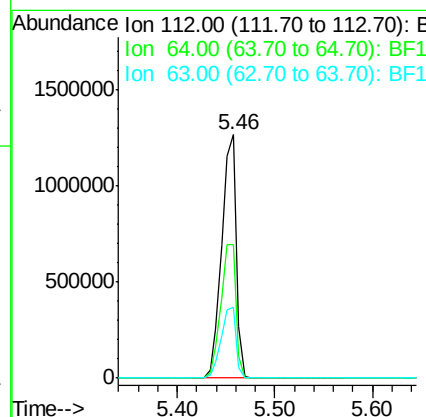
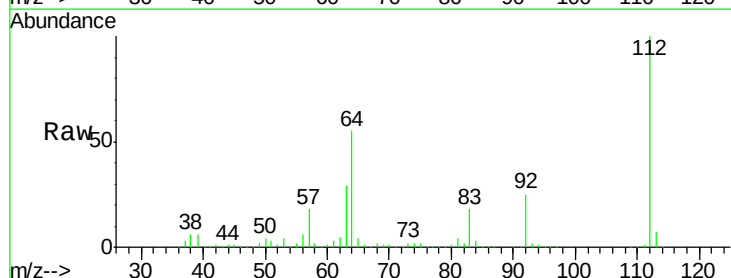
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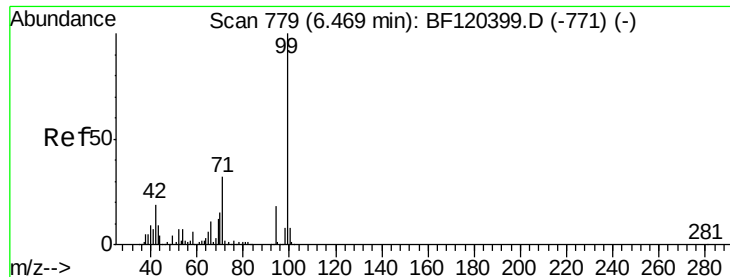


#5

2-Fluorophenol
Concen: 85.12 ng
RT: 5.46 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF120416.D
Acq: 28 May 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1308635		
64	55.0	44.3	66.5	
63	29.2	22.9	34.3	





#7

Phenol-d6

Concen: 86.40 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120416.D

Acq: 28 May 2020 19:02

Instrument :

BNA_F

ClientSampleId :

NM108-COMP-2020-0-6

Tgt Ion: 99 Resp: 1637087

Ion Ratio Lower Upper

99 100

42 19.7 15.2 22.8

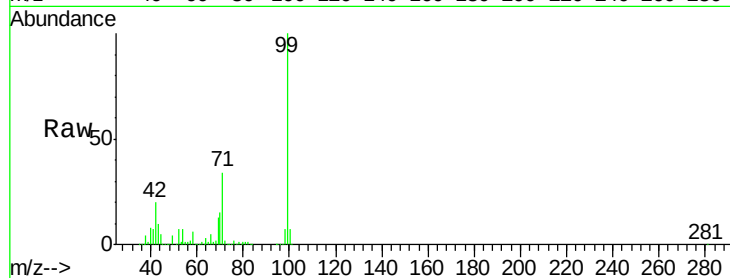
71 33.8 25.6 38.4

Manual Integrations

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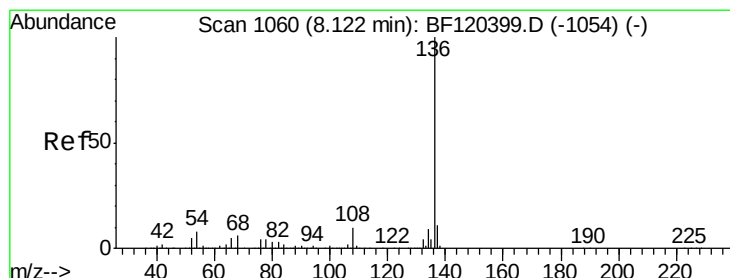
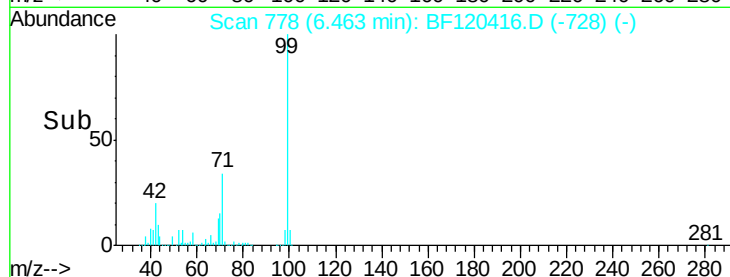
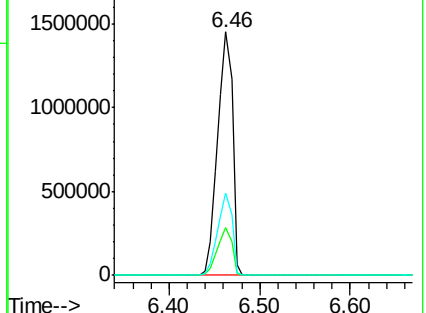
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BF120416.D

Acq: 28 May 2020 19:02

Tgt Ion: 136 Resp: 1032912

Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.9 6.7 10.1

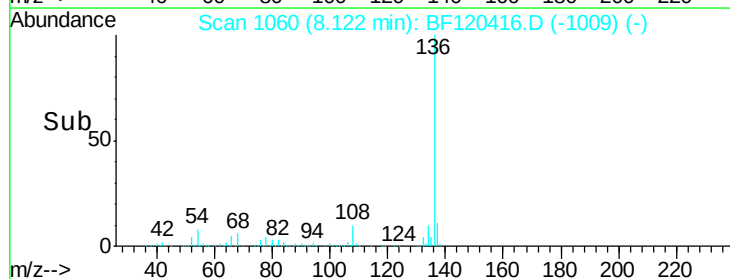
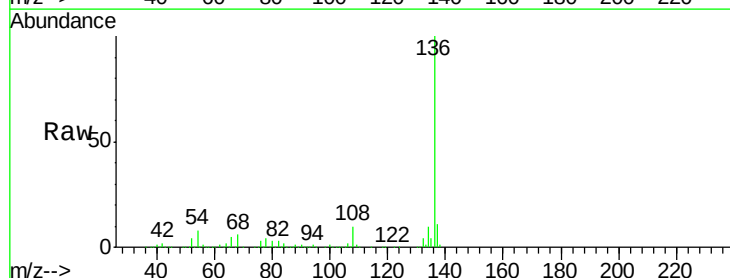
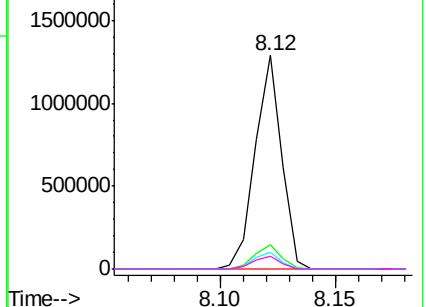
68 6.1 5.0 7.4

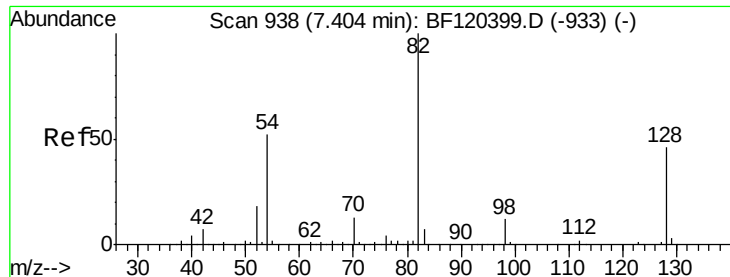
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





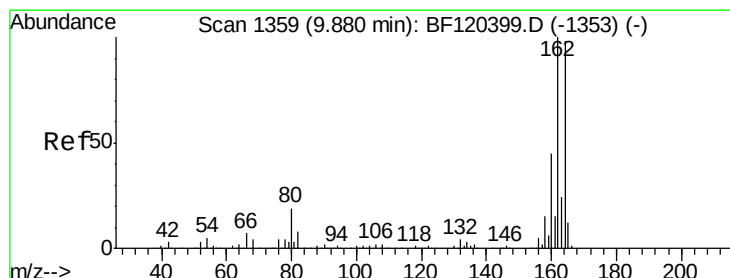
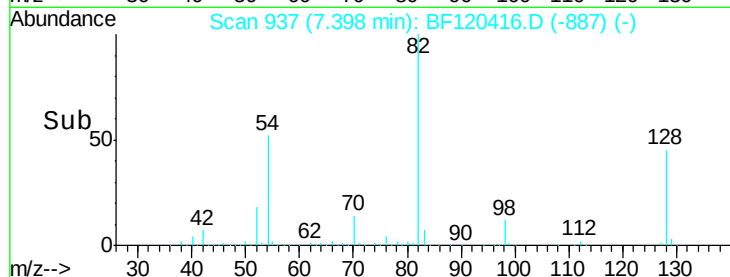
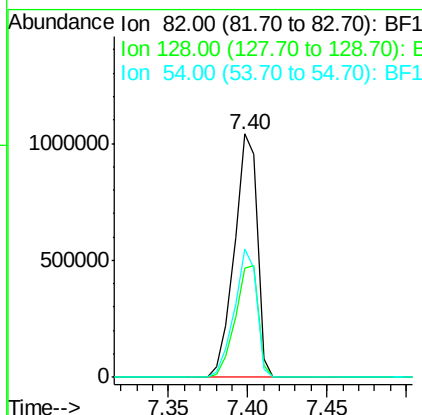
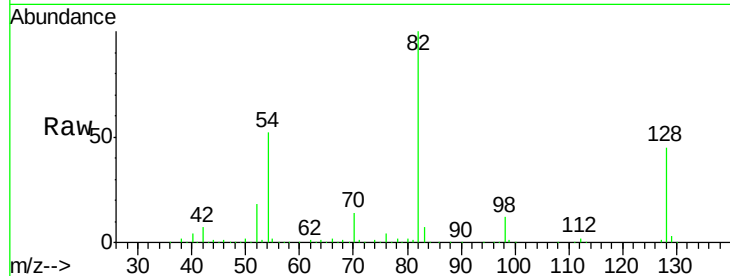
#23
 Nitrobenzene-d5
 Concen: 65.91 ng
 RT: 7.40 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF120416.D
 Acq: 28 May 2020 19:02

Instrument :
 BNA_F
 ClientSampleId :
 NM108-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.8	55.2
54	52.5	41.6	62.4

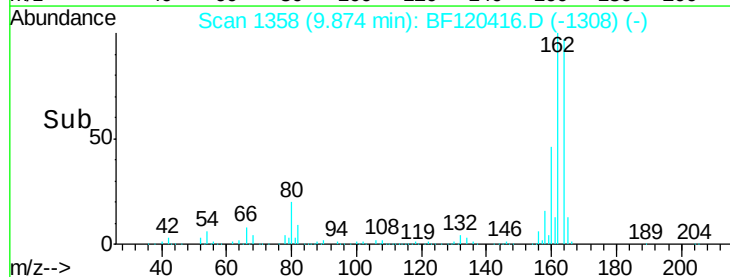
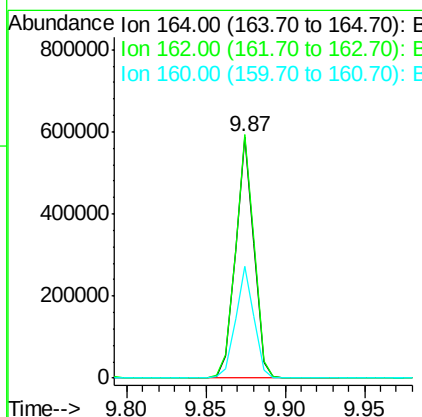
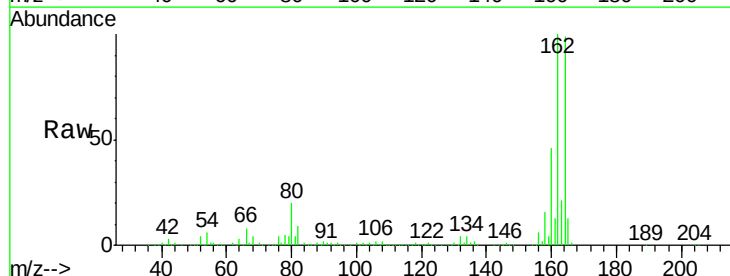
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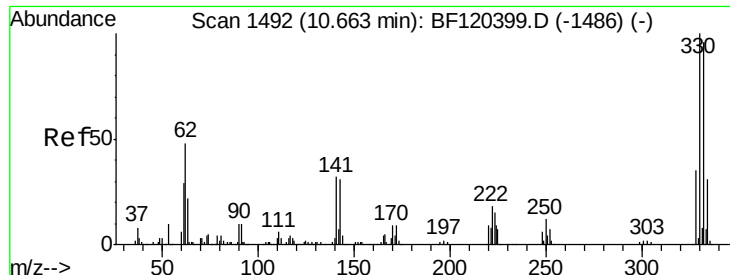
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#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF120416.D
 Acq: 28 May 2020 19:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.3	121.9
160	46.3	36.9	55.3





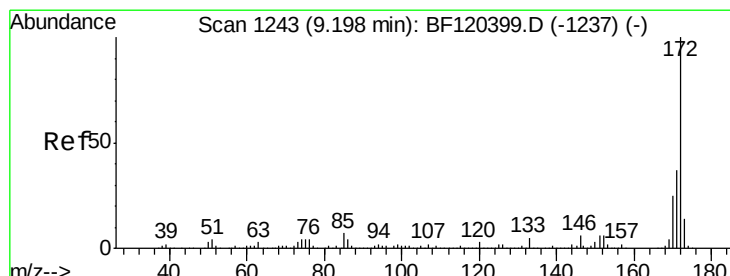
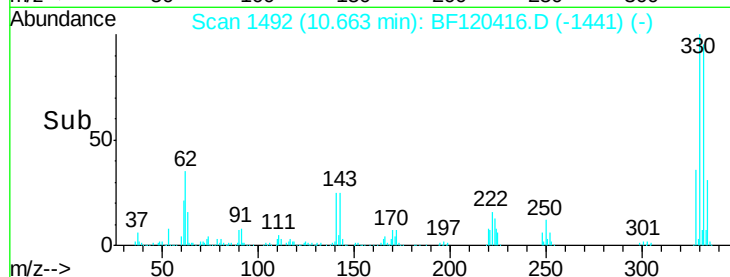
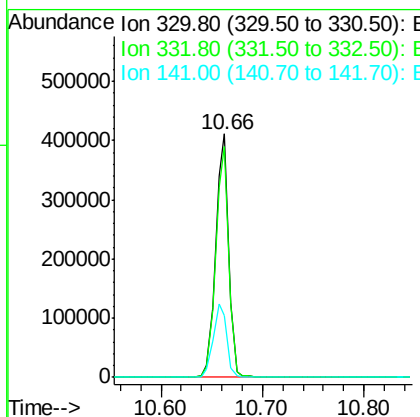
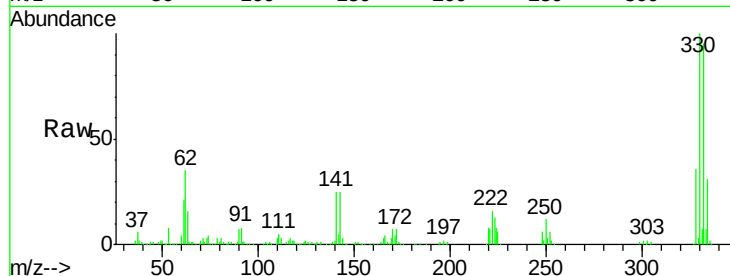
#42
 2,4,6-Tribromophenol
 Concen: 84.27 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF120416.D
 Acq: 28 May 2020 19:02

Instrument :
 BNA_F
 ClientSampleId :
 NM108-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	368236		
332	95.0	77.0	115.6	
141	31.2	25.3	37.9	

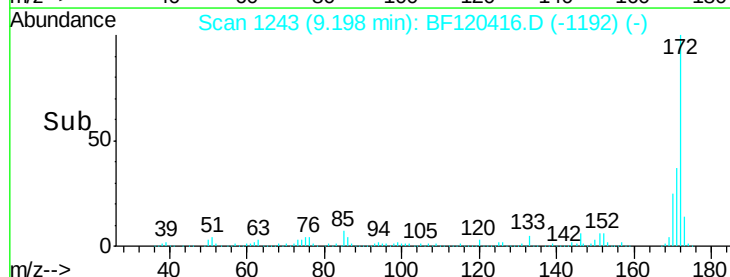
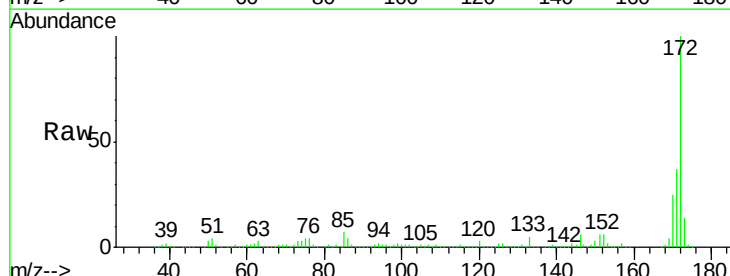
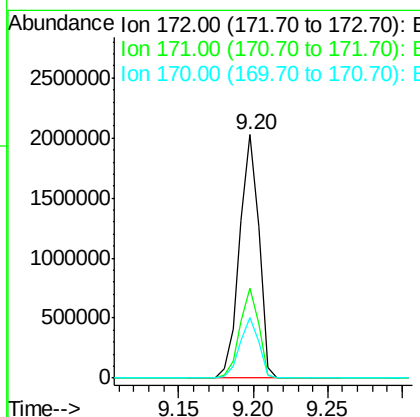
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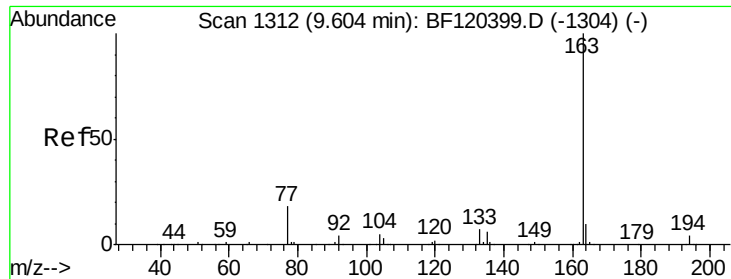
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#45
 2-Fluorobiphenyl
 Concen: 66.19 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF120416.D
 Acq: 28 May 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1840017		
171	37.0	29.7	44.5	
170	24.7	19.9	29.9	





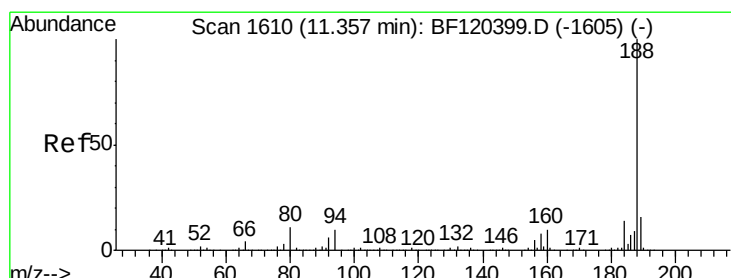
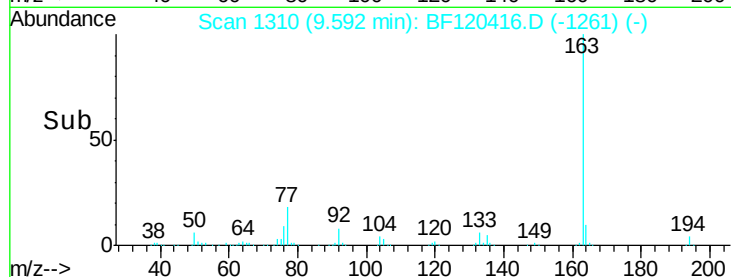
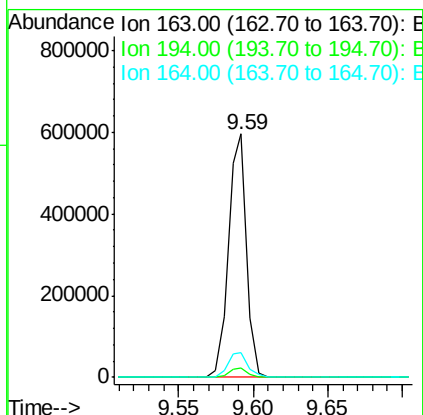
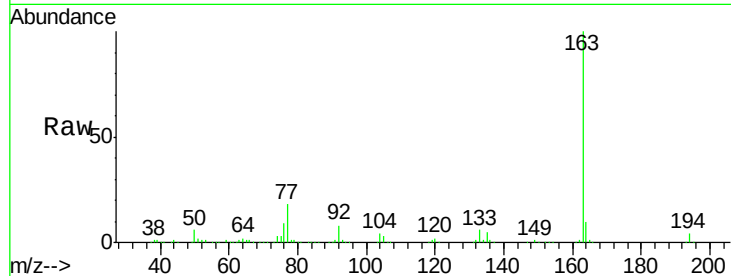
#50
Dimethylphthalate
Concen: 17.31 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF120416.D
Acq: 28 May 2020 19:02

Instrument :
BNA_F
ClientSampleId :
NM108-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	510427		
194	4.0		3.3	4.9
164	10.1		8.3	12.5

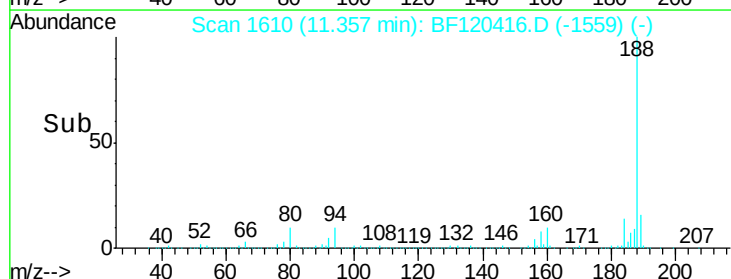
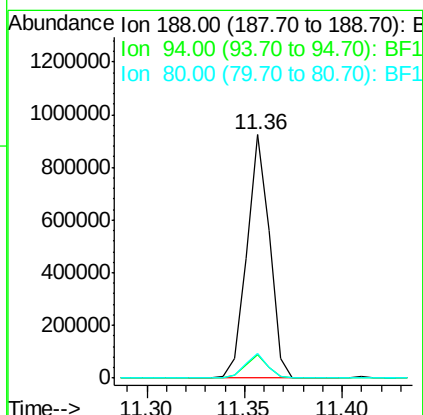
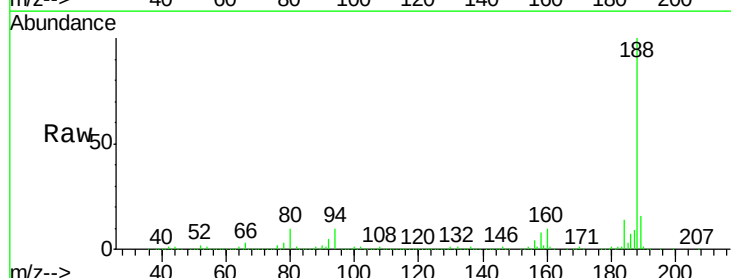
Manual Integrations
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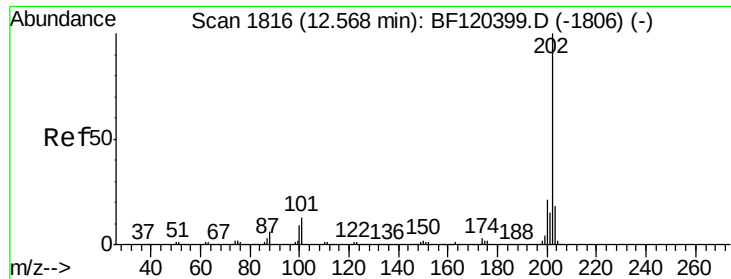
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF120416.D
Acq: 28 May 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	741329		
94	9.8		7.9	11.9
80	10.0		8.6	13.0





#75

Fluoranthene

Concen: 3.78 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BF120416.D

Acq: 28 May 2020 19:02

Instrument :

BNA_F

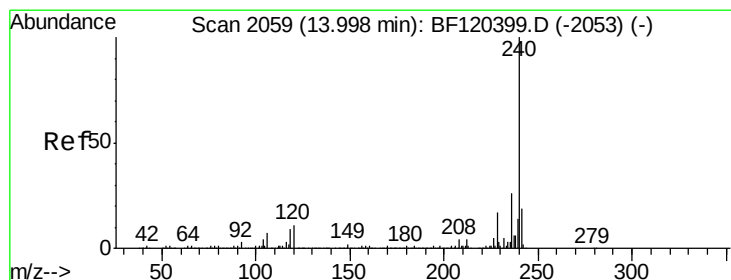
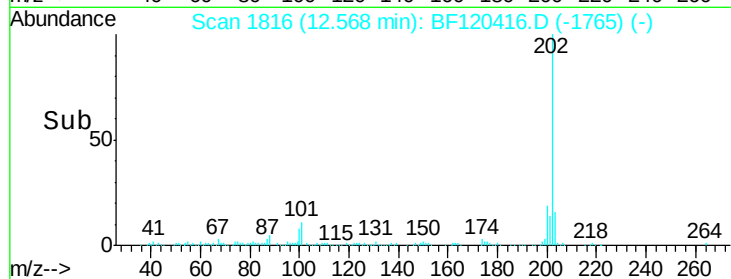
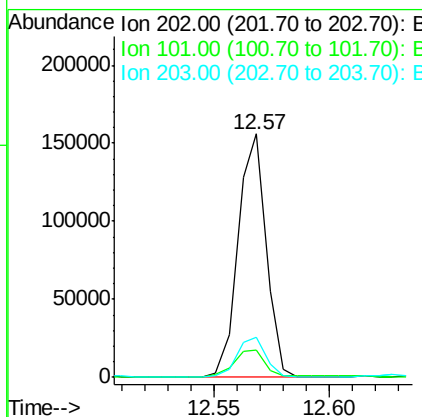
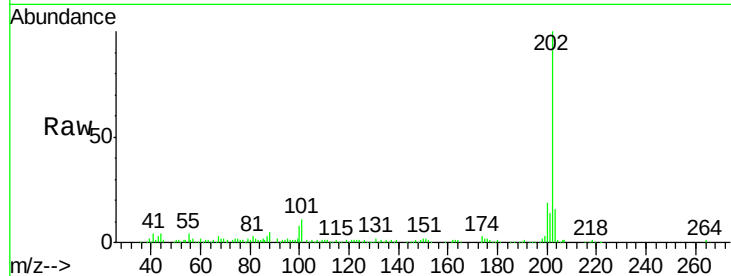
ClientSampleId :

NM108-COMP-2020-0-6

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.3	0.0	32.6
203	16.4	0.0	38.4

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#76

Chrysene-d12

Concen: 20.00 ng

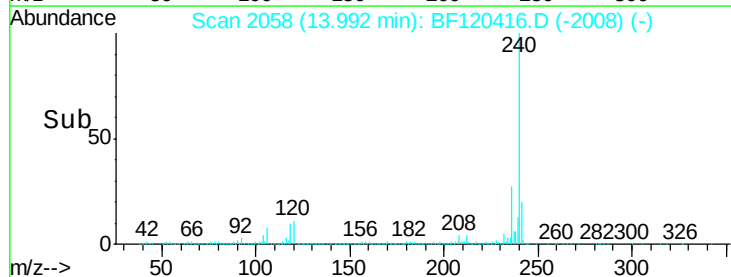
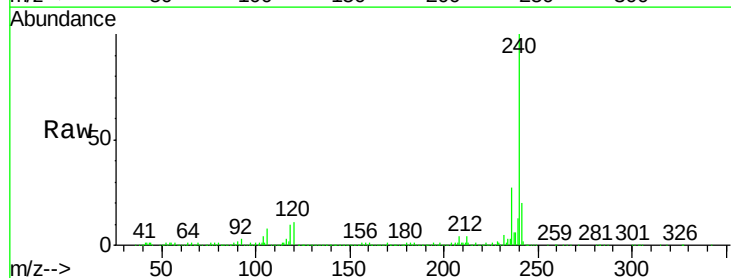
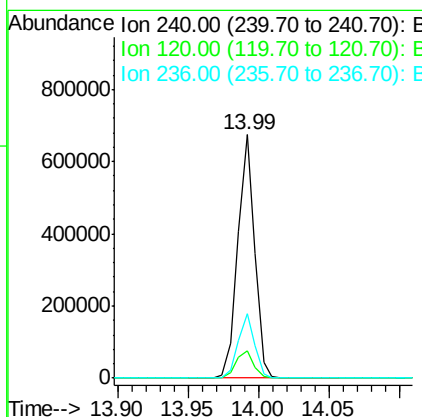
RT: 13.99 min Scan# 2058

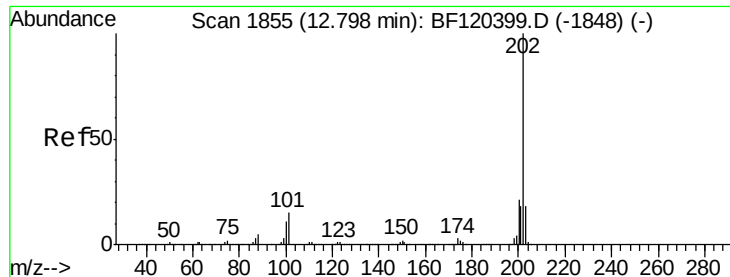
Delta R.T. -0.01 min

Lab File: BF120416.D

Acq: 28 May 2020 19:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	11.2	8.8	13.2
236	26.6	21.0	31.4





#78

Pyrene

Concen: 3.18 ng

RT: 12.80 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF120416.D

Acq: 28 May 2020 19:02

Instrument :

BNA_F

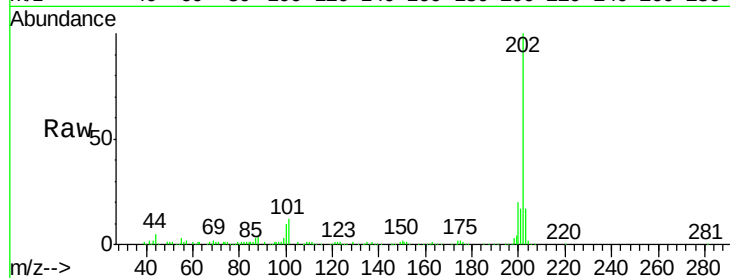
ClientSampleId :

NM108-COMP-2020-0-6

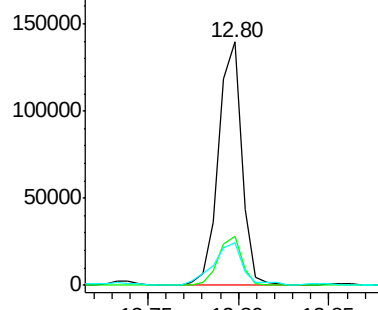
Tgt	Ion:202	Resp:	123977
Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.0	25.4
203	17.5	14.7	22.1

Manual Integrations
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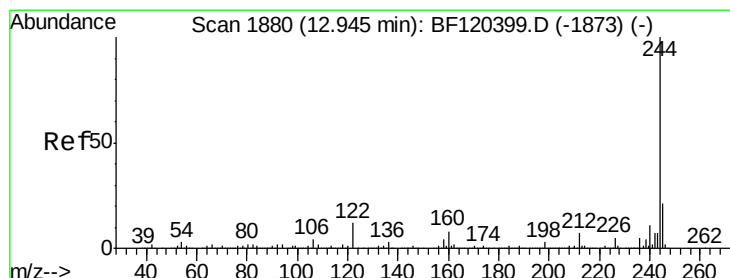
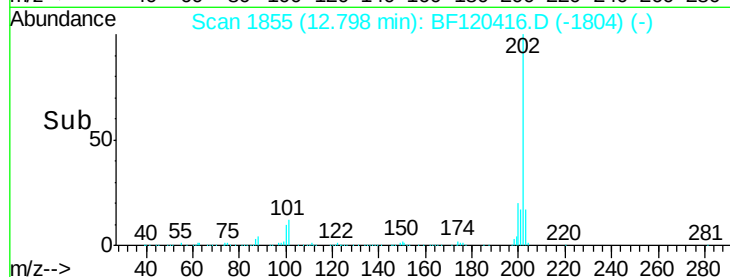
mohammad
5/29/2020 10:28:19 PM



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



Time-->



#79

Terphenyl-d14

Concen: 61.33 ng

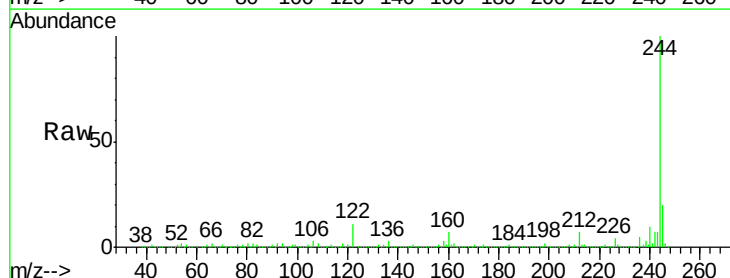
RT: 12.94 min Scan# 1880

Delta R.T. -0.00 min

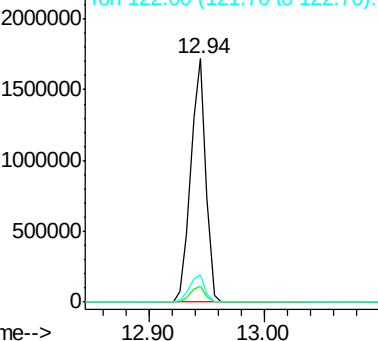
Lab File: BF120416.D

Acq: 28 May 2020 19:02

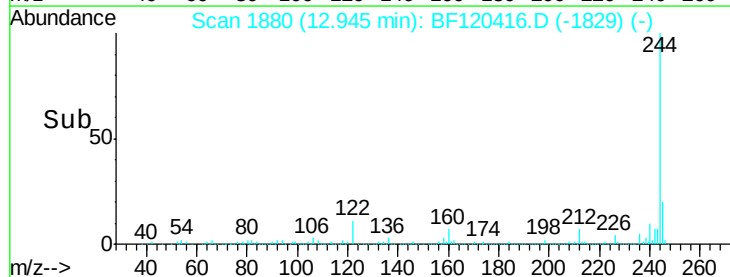
Tgt	Ion:244	Resp:	1542927
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	11.0	9.2	13.8

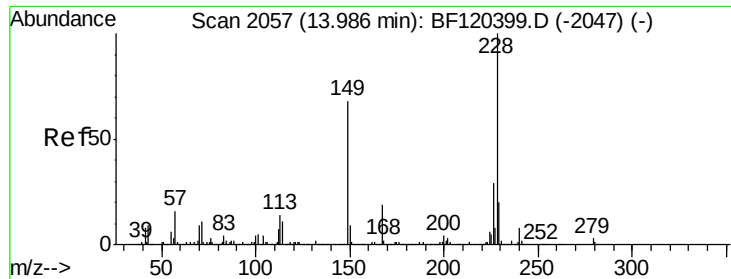


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





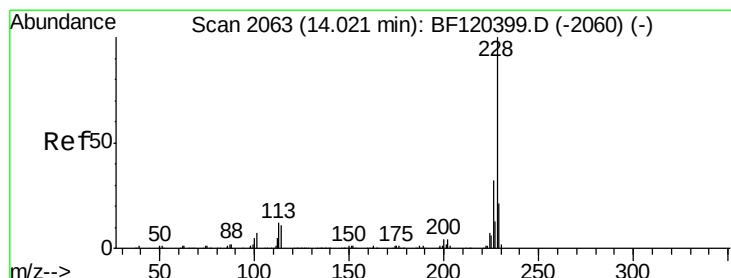
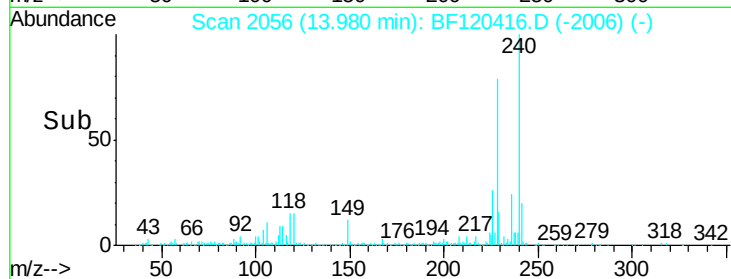
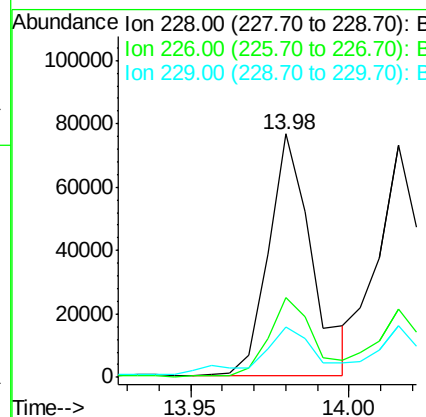
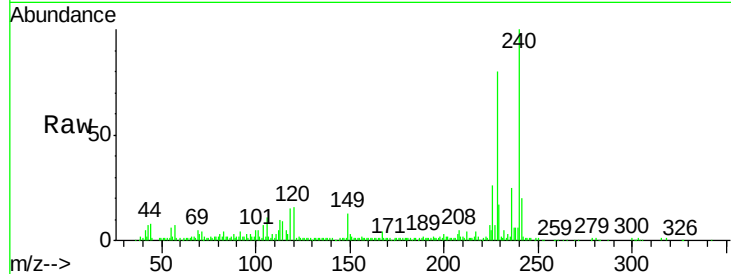
#81
Benzo(a)anthracene
Concen: 2.40 ng
RT: 13.98 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF120416.D
Acq: 28 May 2020 19:02

Instrument :
BNA_F
ClientSampleId :
NM108-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	23.0	34.4
229	20.7	16.2	24.4

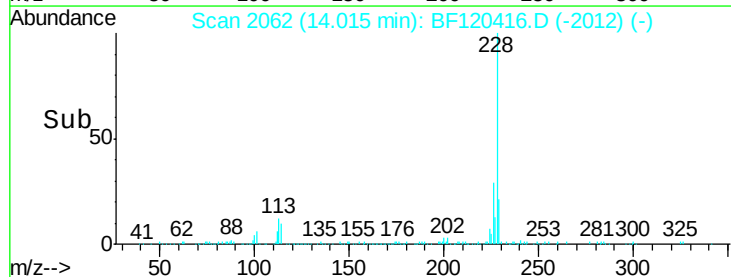
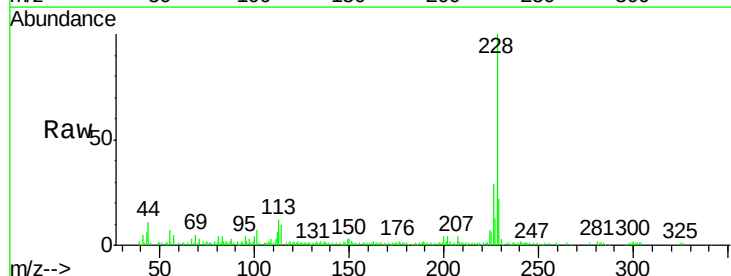
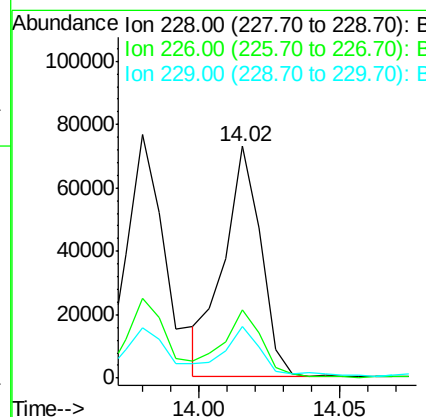
Manual Integrations
APPROVED

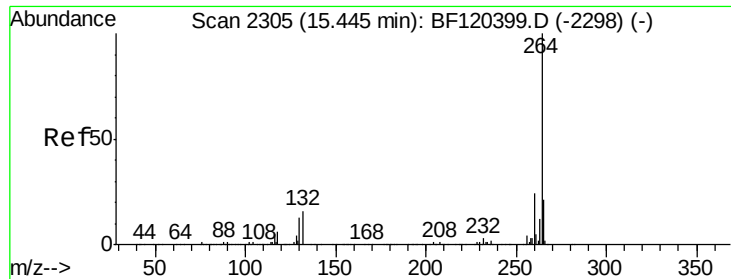
mohammad
5/29/2020 10:28:19 PM



#83
Chrysene
Concen: 2.11 ng
RT: 14.02 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BF120416.D
Acq: 28 May 2020 19:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.6	38.4
229	22.3	16.6	25.0





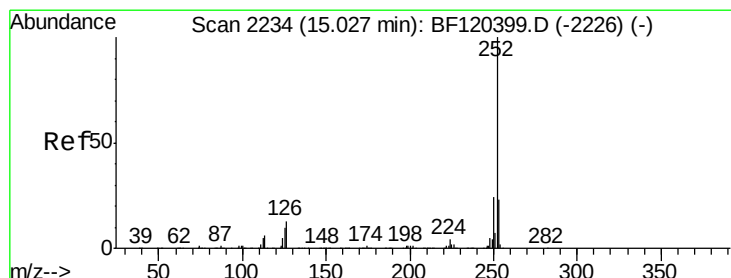
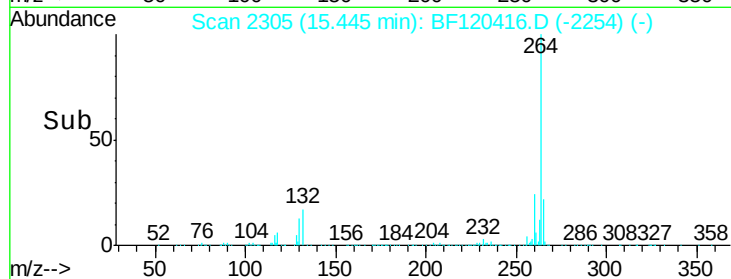
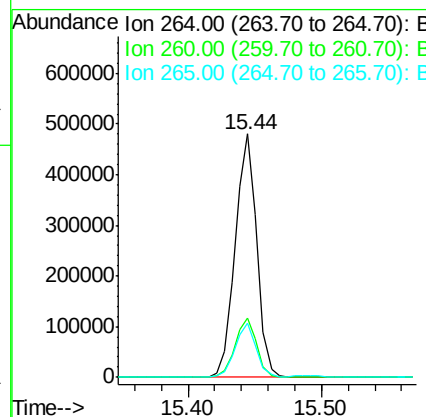
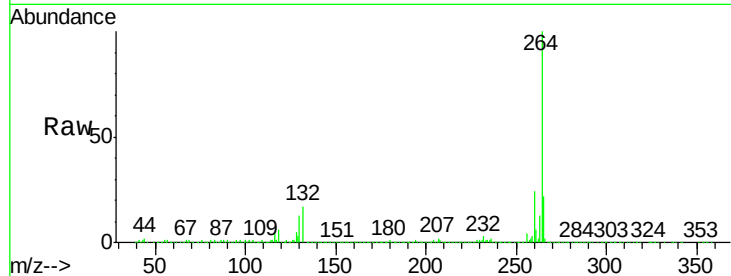
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BF120416.D
Acq: 28 May 2020 19:02

Instrument :
BNA_F
ClientSampleId :
NM108-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.2	16.9	25.3

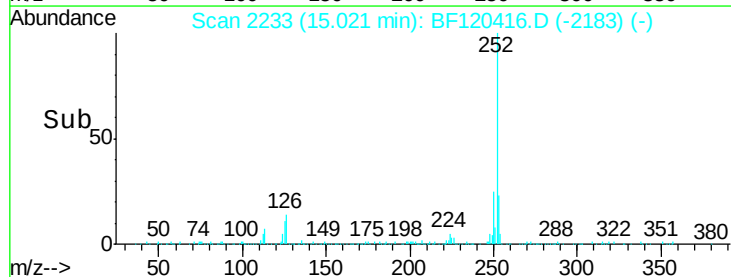
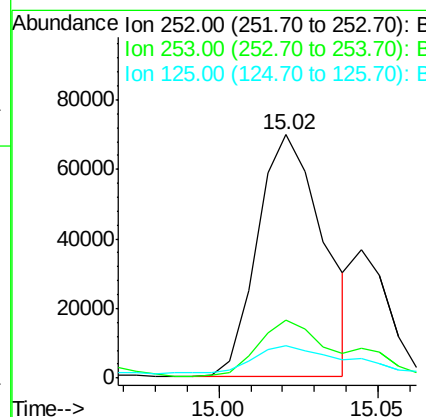
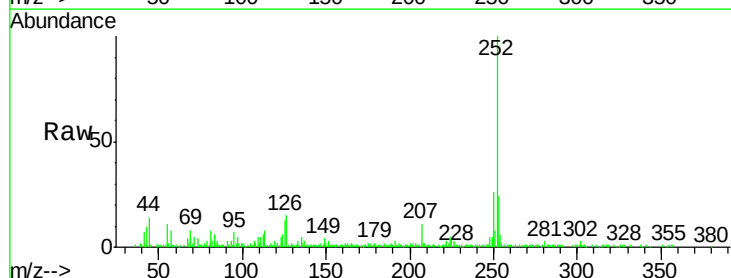
Manual Integrations
APPROVED

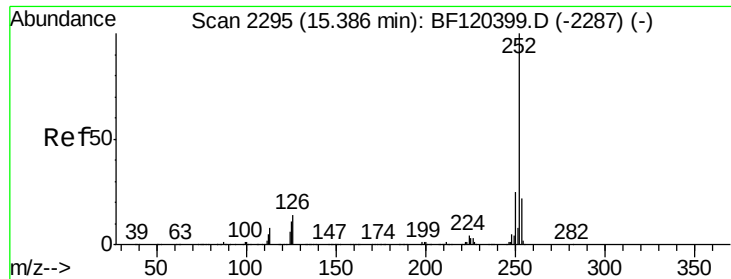
mohammad
5/29/2020 10:28:19 PM



#88
Benzo(b)fluoranthene
Concen: 3.32 ng m
RT: 15.02 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF120416.D
Acq: 28 May 2020 19:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	13.2	7.8	11.8#





#90

Benzo(a)pyrene

Concen: 2.44 ng

RT: 15.38 min Scan# 2294

Delta R.T. -0.01 min

Lab File: BF120416.D

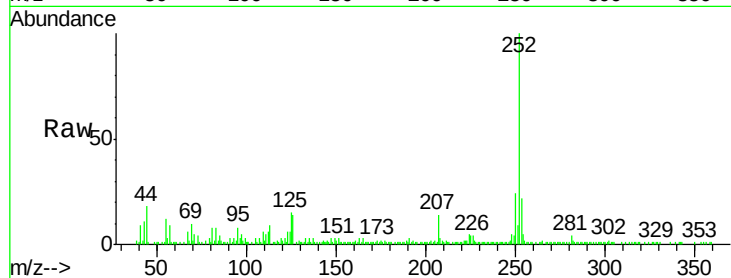
Acq: 28 May 2020 19:02

Instrument :

BNA_F

ClientSampleId :

NM108-COMP-2020-0-6



Tgt Ion:	252	Resp:	64528
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.0
125	14.7	8.7	13.1#

Manual Integrations
APPROVED

mohammad
5/29/2020 10:28:19 PM

