

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
 Data File : BF120498.D
 Acq On : 2 Jun 2020 16:45
 Operator : JU/CG
 Sample : L2798-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM105-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 02 17:37:02 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	162031	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	546827	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	244300	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	444864	20.00	ng	0.00
76) Chrysene-d12	14.01	240	404706	20.00	ng	0.00
86) Perylene-d12	15.47	264	332891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	787195	92.59	ng	0.00
7) Phenol-d6	6.47	99	934762	89.20	ng	0.00
23) Nitrobenzene-d5	7.40	82	559187	66.89	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	214556	94.79	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1015323	70.52	ng	0.00
79) Terphenyl-d14	12.96	244	1102196	60.60	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	200096	13.101	ng	Qvalue 100
71) Phenanthrene	11.39	178	47490	2.423	ng	99
75) Fluoranthene	12.58	202	116225	5.510	ng	97
78) Pyrene	12.81	202	118606	4.214	ng	97
81) Benzo(a)anthracene	14.00	228	70087	3.231	ng	95
83) Chrysene	14.03	228	59965	2.637	ng	95
88) Benzo(b)fluoranthene	15.04	252	71408m	3.862	ng	
90) Benzo(a)pyrene	15.40	252	46958	2.903	ng	# 94

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

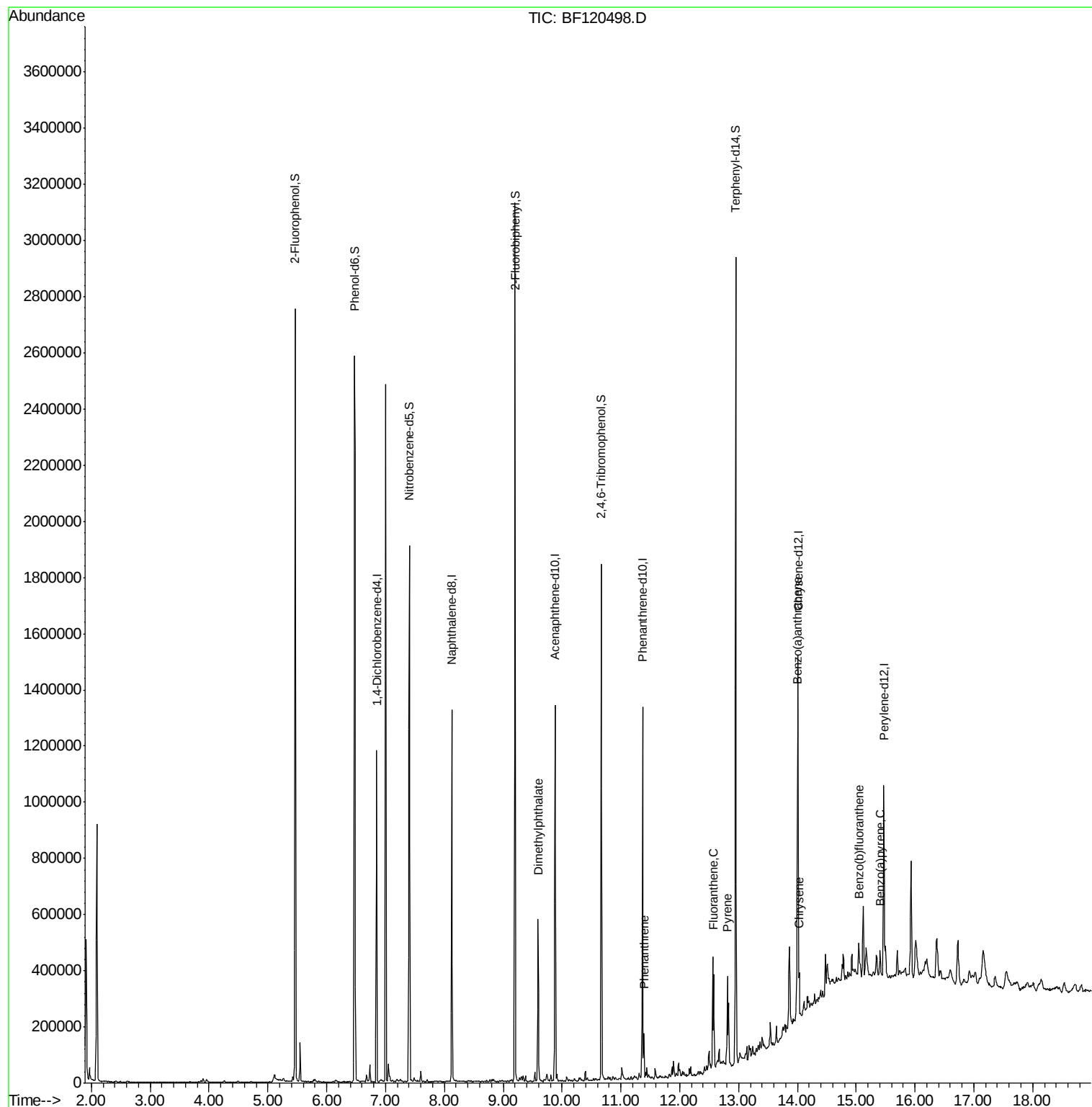
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120498.D
Acq On : 2 Jun 2020 16:45
Operator : JU/CG
Sample : L2798-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

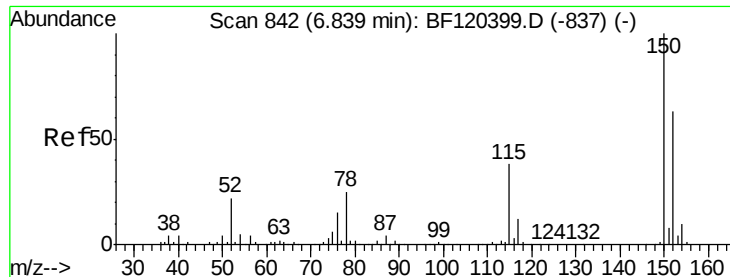
Instrument :
BNA_F
ClientSampleId :
NM105-COMP-2020-0-6

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Quant Time: Jun 02 17:37:02 2020
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

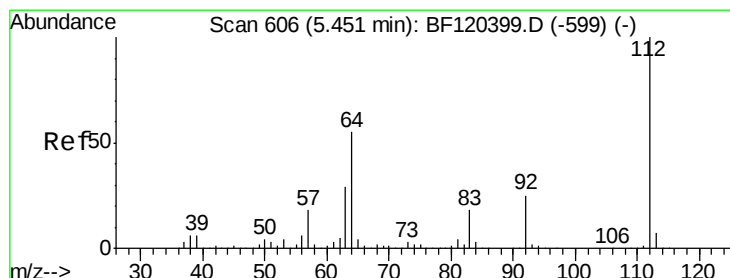
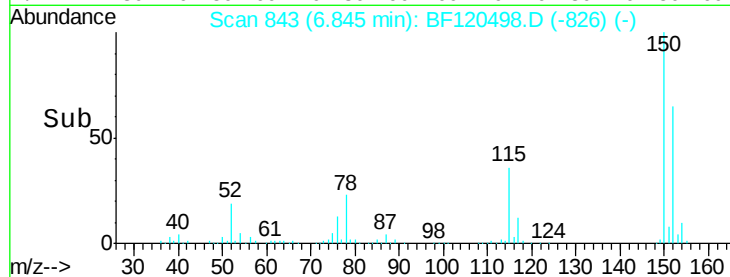
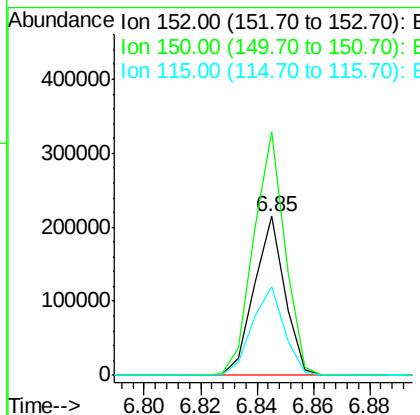
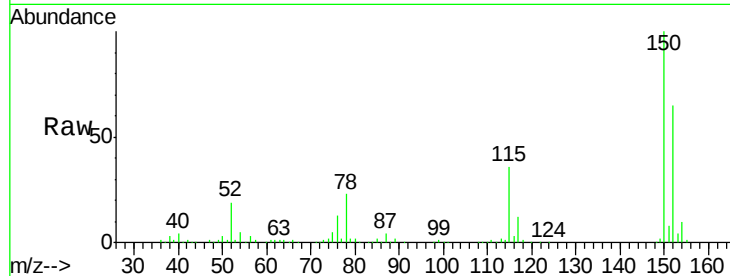
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF120498.D
Acq: 2 Jun 2020 16:45

Instrument :
BNA_F
ClientSampleId :
NM105-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.7	190.1
115	55.9	46.2	69.2

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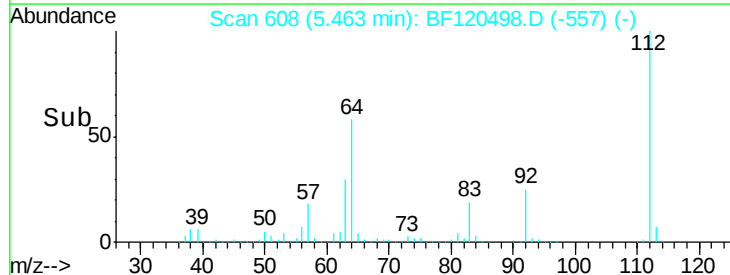
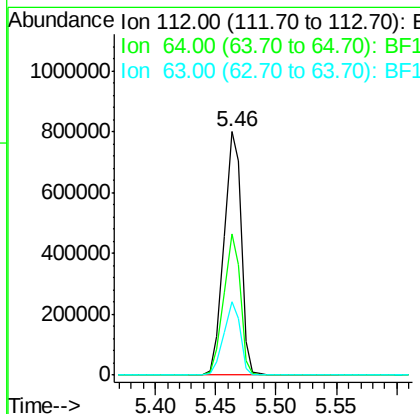
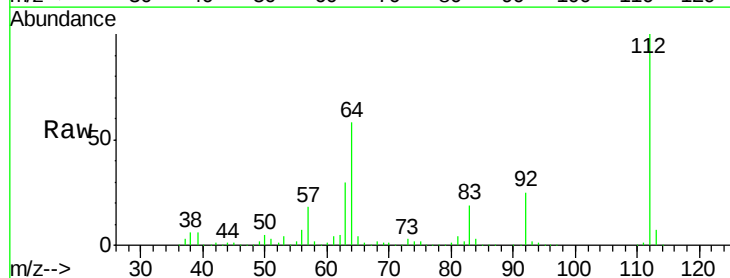
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#5

2-Fluorophenol
Concen: 92.587 ng
RT: 5.46 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF120498.D
Acq: 2 Jun 2020 16:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.3	69.5
63	30.0	24.2	36.2





#7

Phenol-d6

Concen: 89.198 ng

RT: 6.47 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF120498.D

Acq: 2 Jun 2020 16:45

Instrument :

BNA_F

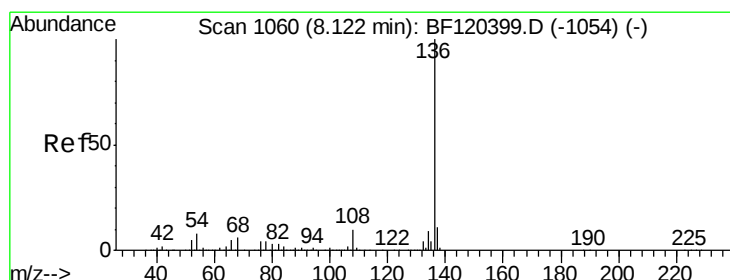
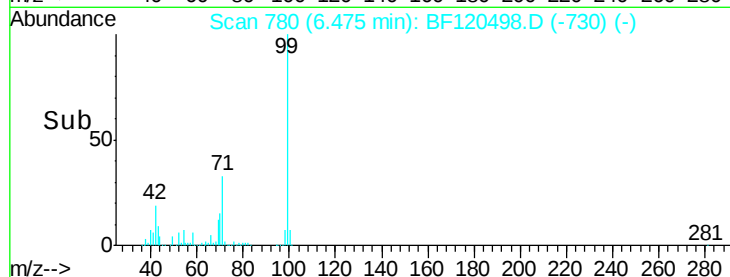
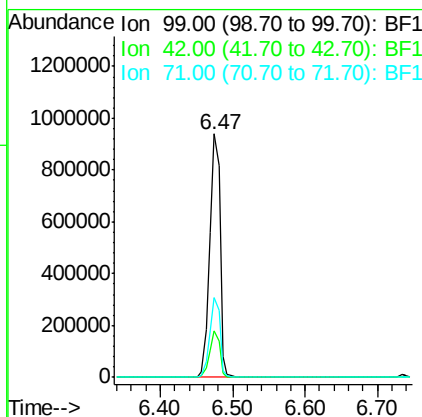
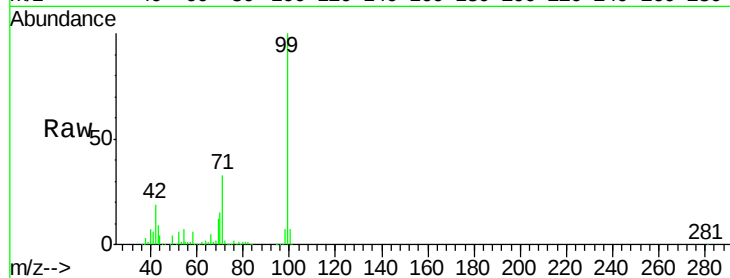
ClientSampleId :

NM105-COMP-2020-0-6

Tot Ion:	99	Resp:	934762
Ion Ratio	Lower	Upper	
99	100		
42	19.0	15.1	22.7
71	32.7	26.2	39.4

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#21

Naphthalene-d8

Concen: 20.000 ng

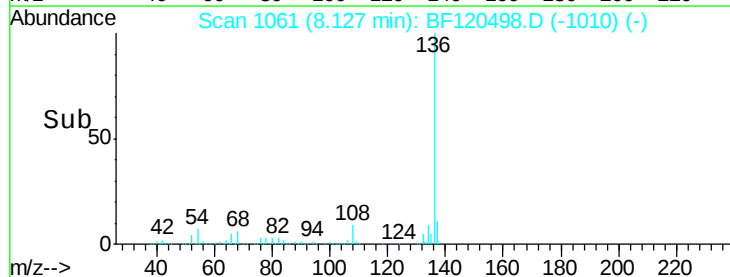
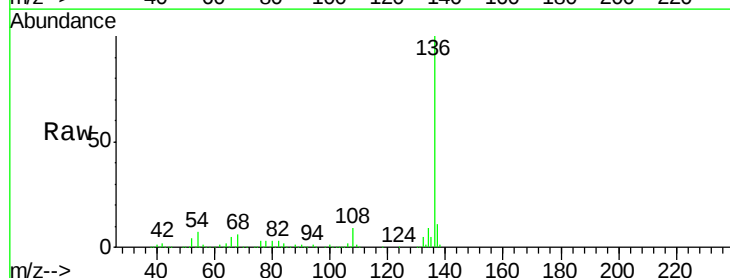
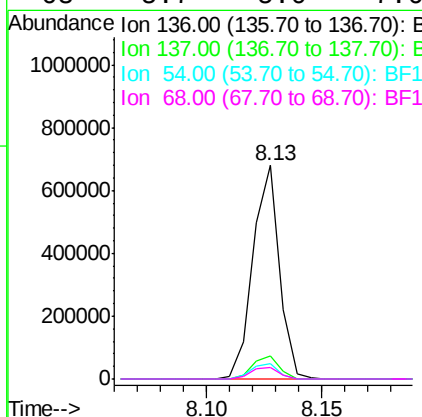
RT: 8.13 min Scan# 1061

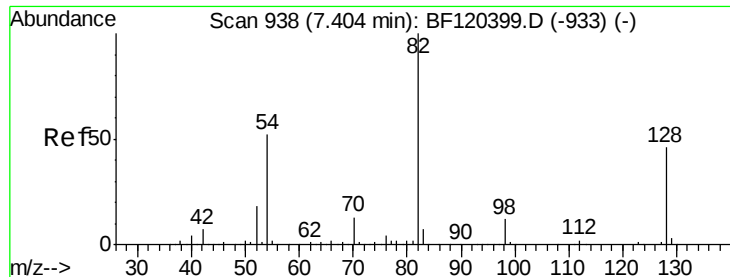
Delta R.T. -0.00 min

Lab File: BF120498.D

Acq: 2 Jun 2020 16:45

Tgt Ion:	136	Resp:	546827
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.6
54	7.1	6.2	9.4
68	5.7	5.0	7.6





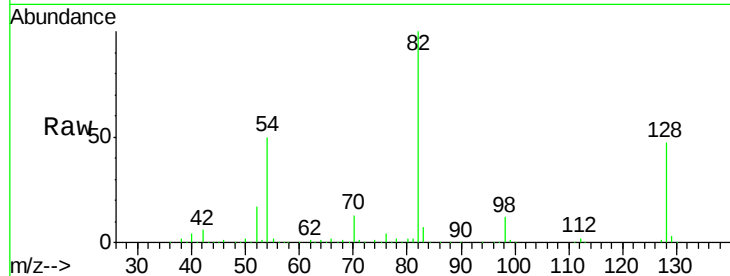
#23
 Nitrobenzene-d5
 Concen: 66.892 ng
 RT: 7.40 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF120498.D
 Acq: 2 Jun 2020 16:45

Instrument :
 BNA_F
 ClientSampleId :
 NM105-COMP-2020-0-6

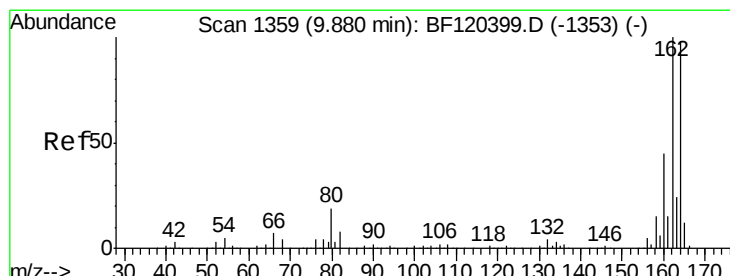
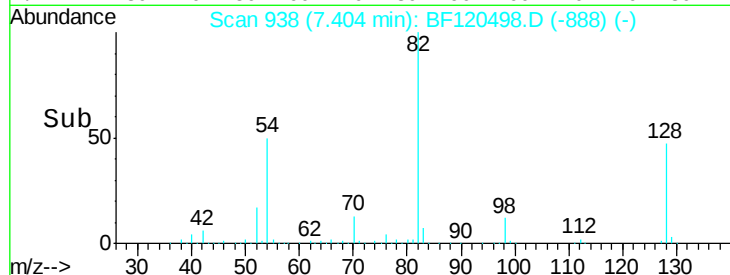
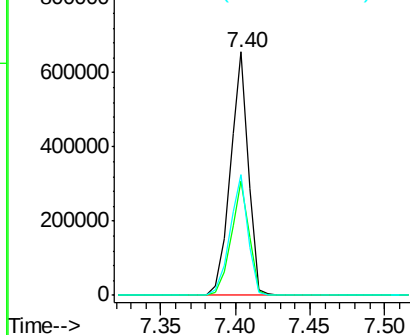
Tot Ion	Ratio	Resp	Lower	Upper
82	100	559187		
128	47.1		37.0	55.6
54	49.7		41.0	61.4

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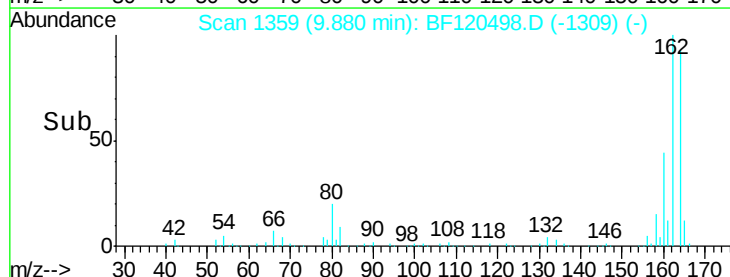
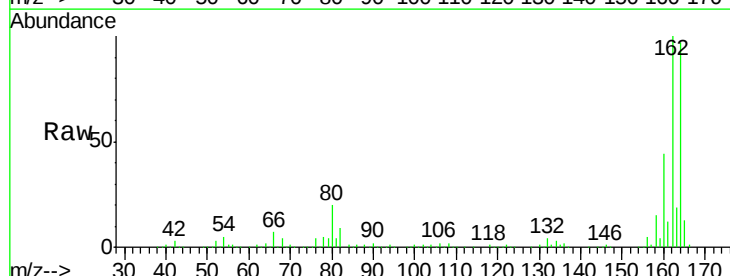
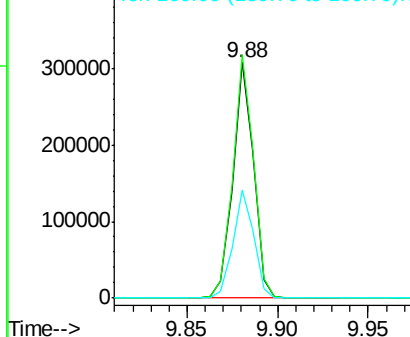
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF120498.D
 Acq: 2 Jun 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	244300		
162	103.3		81.9	122.9
160	45.7		37.4	56.0

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





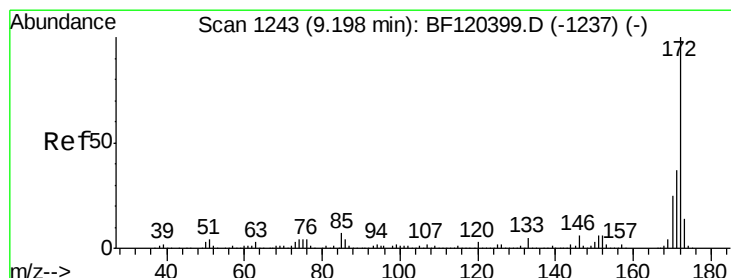
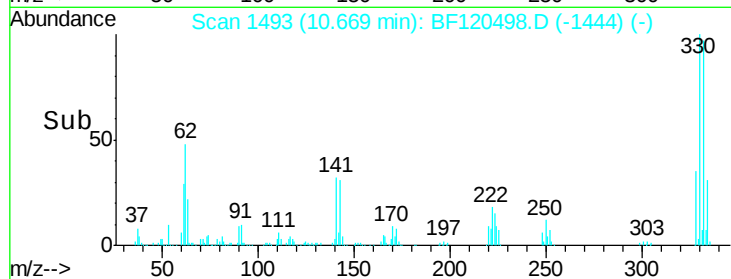
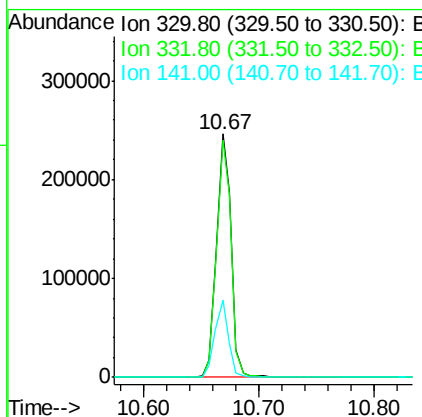
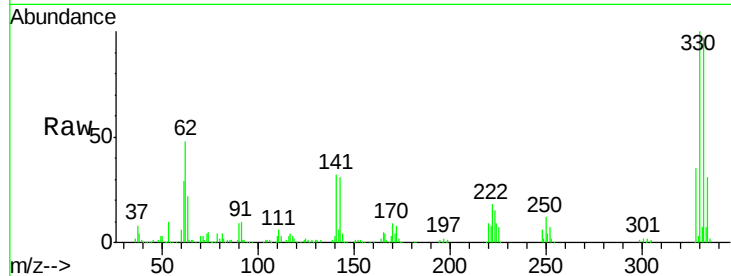
#42
 2,4,6-Tribromophenol
 Concen: 94.787 ng
 RT: 10.67 min Scan# 1493
 Delta R.T. -0.01 min
 Lab File: BF120498.D
 Acq: 2 Jun 2020 16:45

Instrument :
 BNA_F
 ClientSampleId :
 NM105-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	214556		
332	97.4	76.8	115.2	
141	29.8	23.9	35.9	

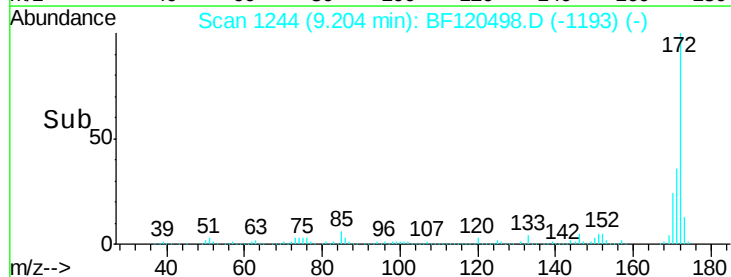
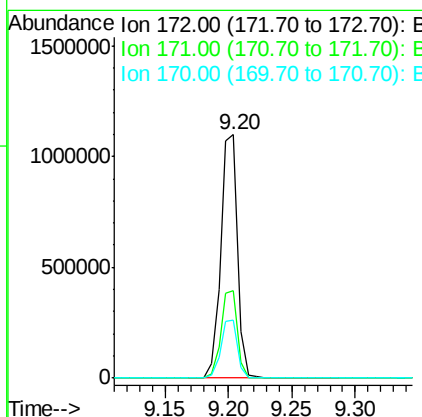
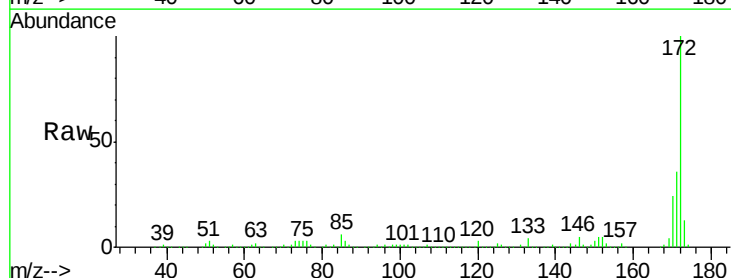
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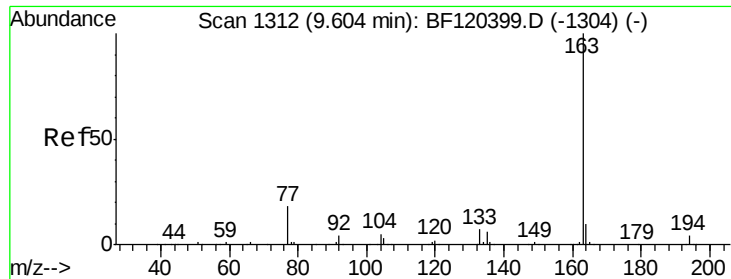
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#45
 2-Fluorobiphenyl
 Concen: 70.515 ng
 RT: 9.20 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BF120498.D
 Acq: 2 Jun 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1015323		
171	35.7	29.4	44.2	
170	24.0	19.9	29.9	





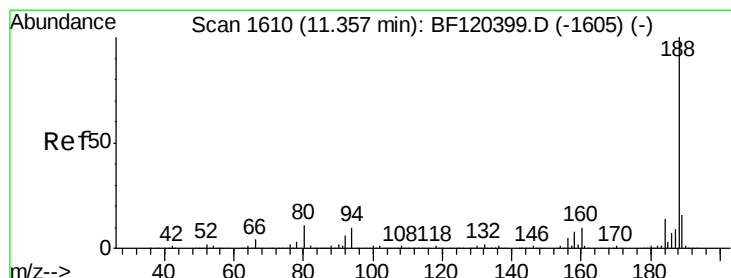
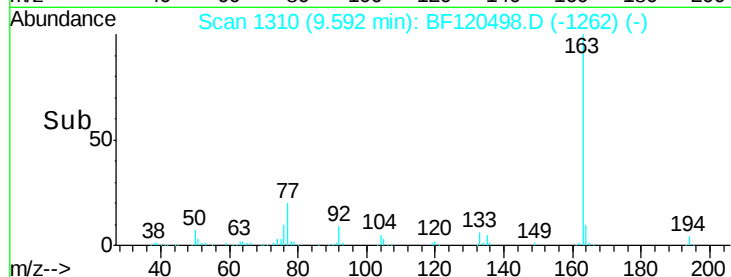
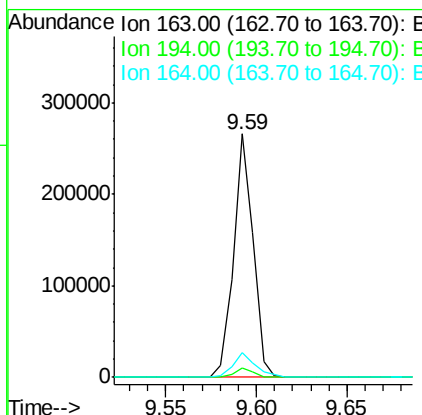
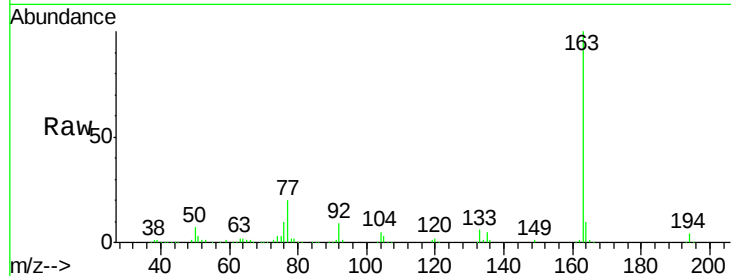
#50
Dimethylphthalate
Concen: 13.101 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF120498.D
Acq: 2 Jun 2020 16:45

Instrument :
BNA_F
ClientSampleId :
NM105-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	200096		
194	3.7		3.3	4.9
164	10.2		8.2	12.2

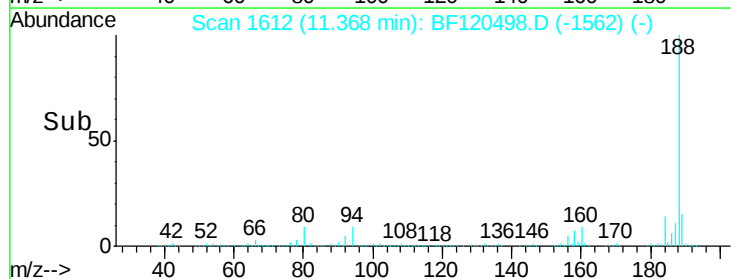
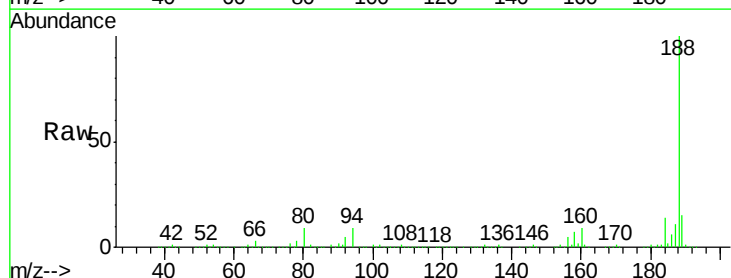
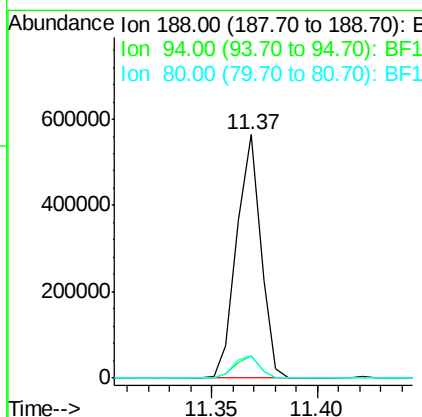
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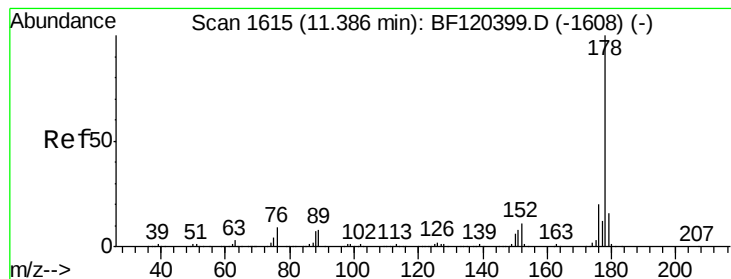
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BF120498.D
Acq: 2 Jun 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	444864		
94	9.0		6.6	10.0
80	9.1		7.1	10.7





#71

Phenanthrene

Concen: 2.423 ng

RT: 11.39 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF120498.D

Acq: 2 Jun 2020 16:45

Instrument :

BNA_F

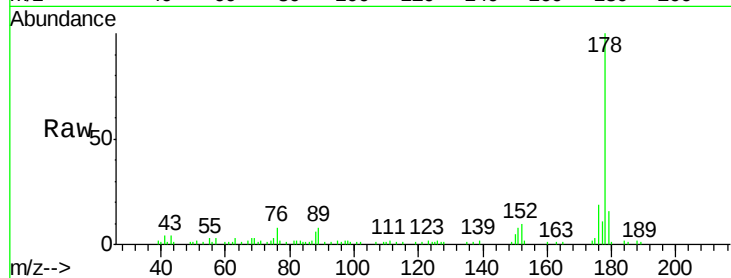
ClientSampleId :

NM105-COMP-2020-0-6

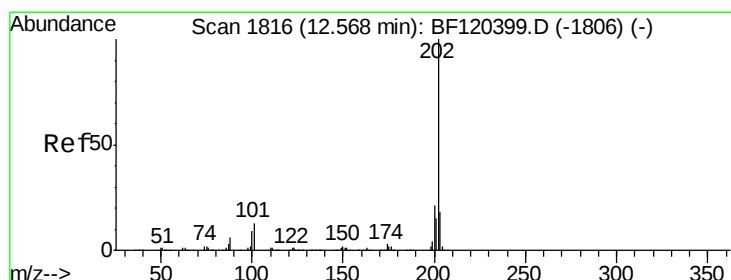
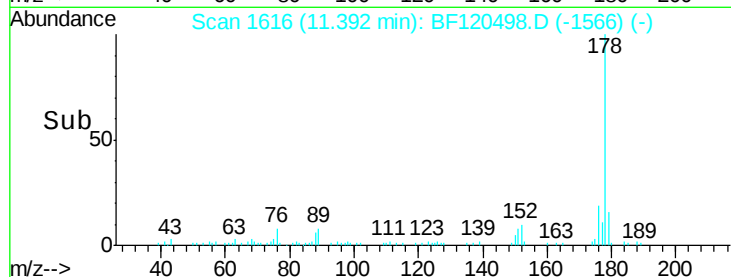
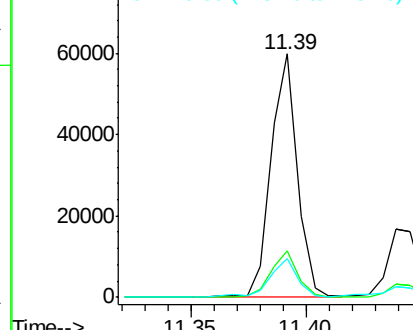
Tot Ion:	178	Resp:	47490
Ion Ratio	Lower	Upper	
178	100		
176	19.3	16.2	24.2
179	16.0	12.8	19.2

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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: 5.510 ng

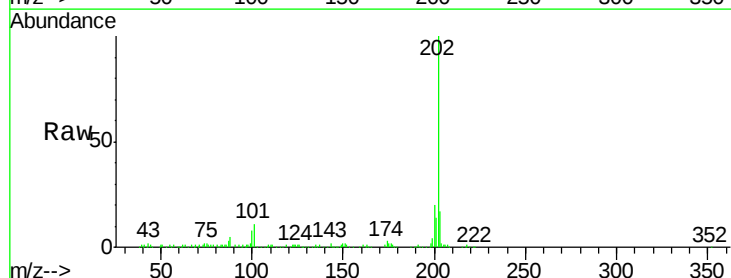
RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

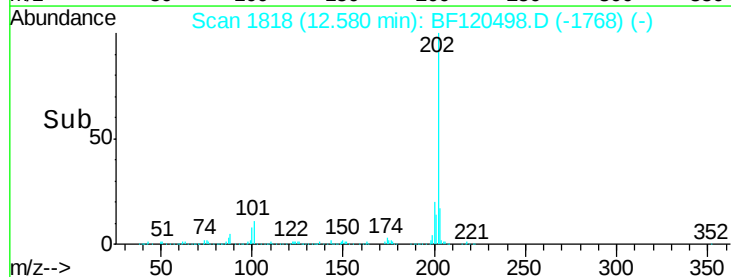
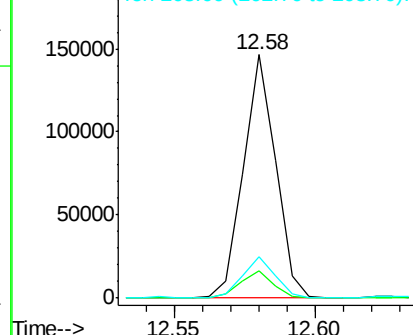
Lab File: BF120498.D

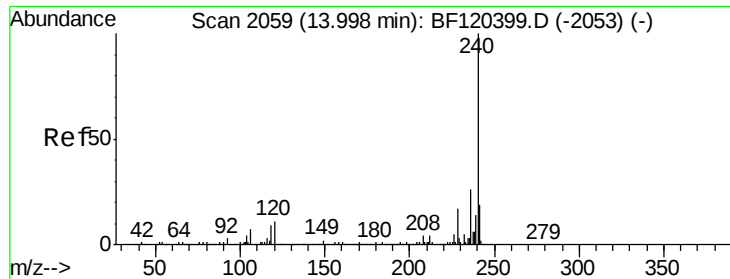
Acq: 2 Jun 2020 16:45

Tgt Ion:	202	Resp:	116225
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	31.4
203	17.0	0.0	38.8



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





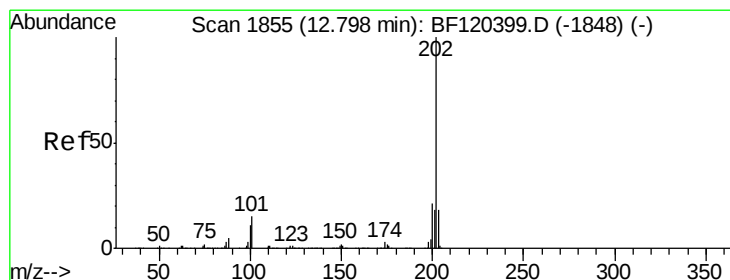
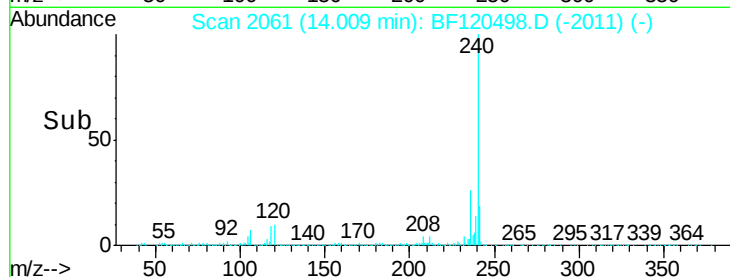
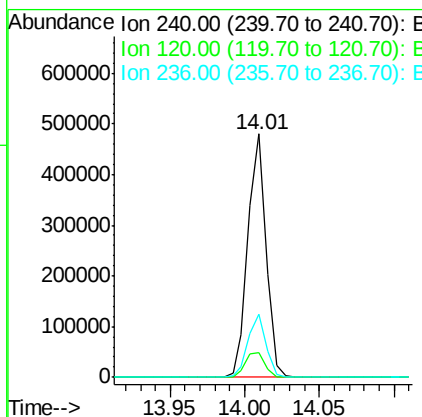
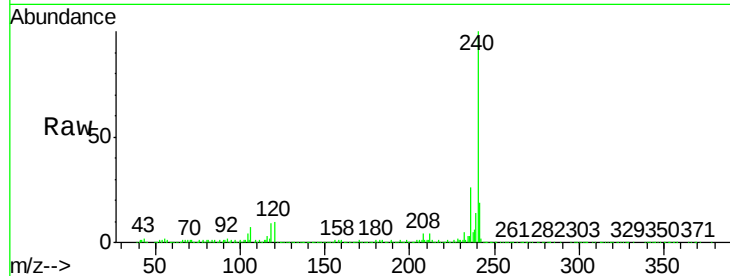
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BF120498.D
Acq: 2 Jun 2020 16:45

Instrument :
BNA_F
ClientSampleId :
NM105-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.9	14.9
236	26.1	21.0	31.6

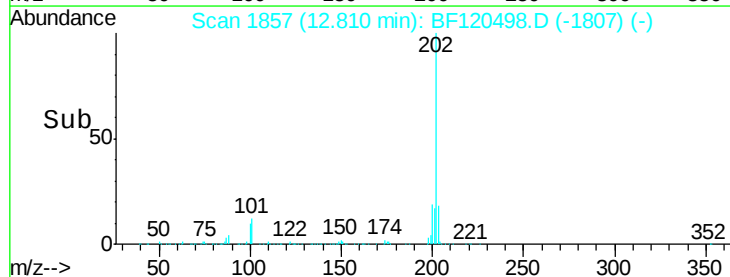
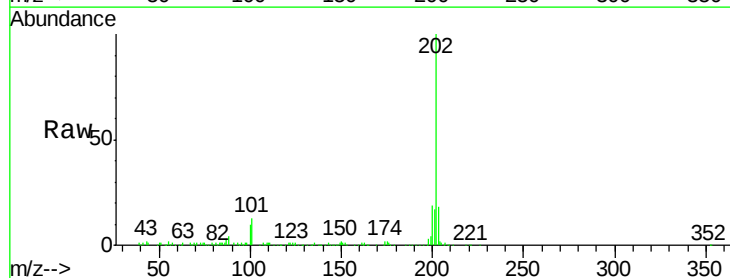
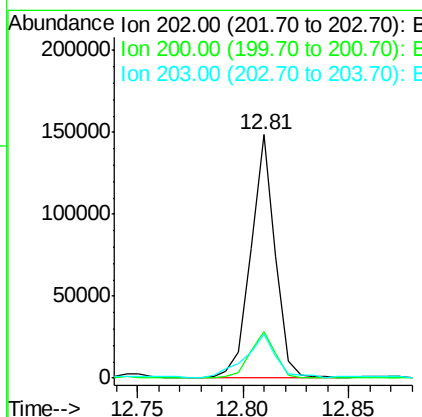
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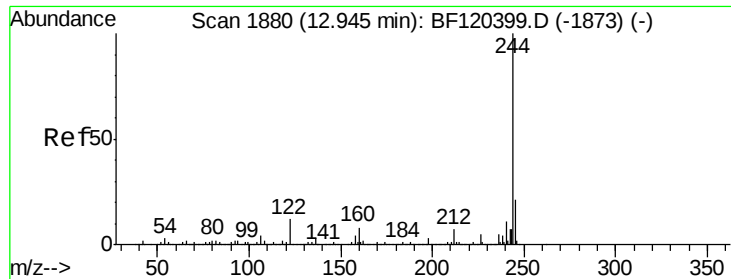
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#78
Pyrene
Concen: 4.214 ng
RT: 12.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BF120498.D
Acq: 2 Jun 2020 16:45

Tgt Ion	Ratio	Lower	Upper
202	100		
200	18.9	17.0	25.6
203	18.1	14.6	22.0





#79
 Terphenyl-d14
 Concen: 60.603 ng
 RT: 12.96 min Scan# 1882
 Delta R.T. -0.00 min
 Lab File: BF120498.D
 Acq: 2 Jun 2020 16:45

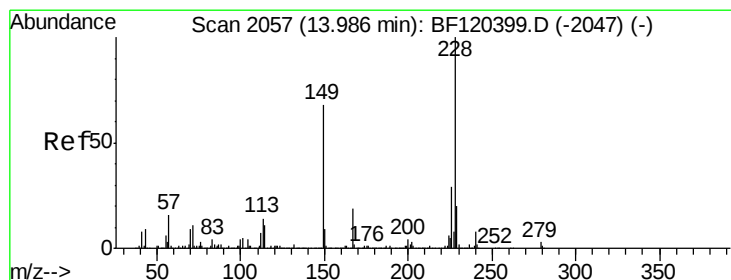
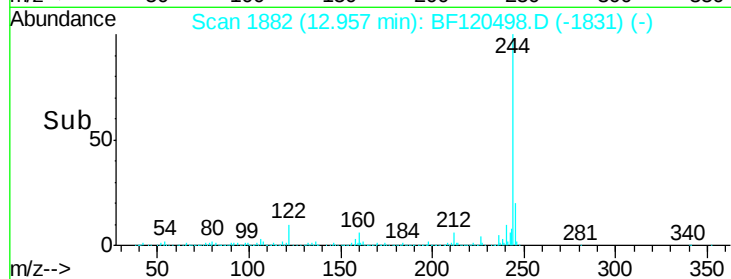
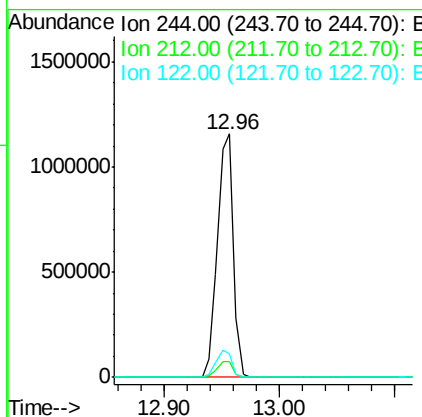
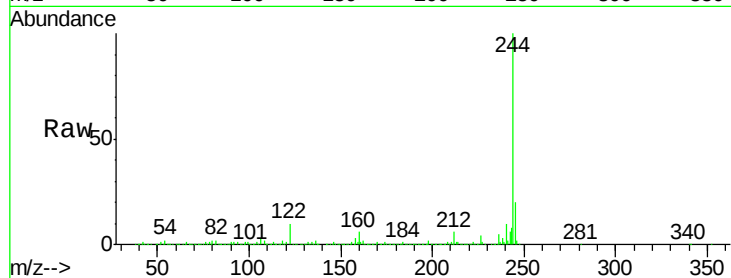
Instrument :
 BNA_F
 ClientSampleId :
 NM105-COMP-2020-0-6

Tot Ion:244 Resp: 1102196

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	9.6	8.7	13.1

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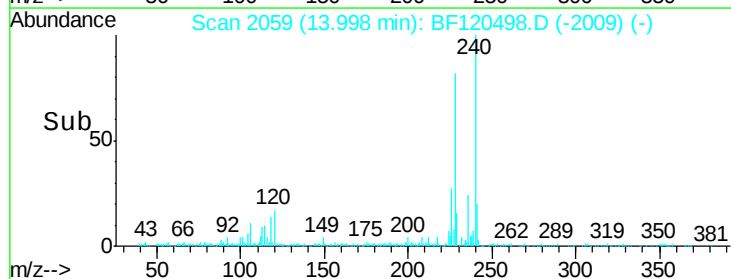
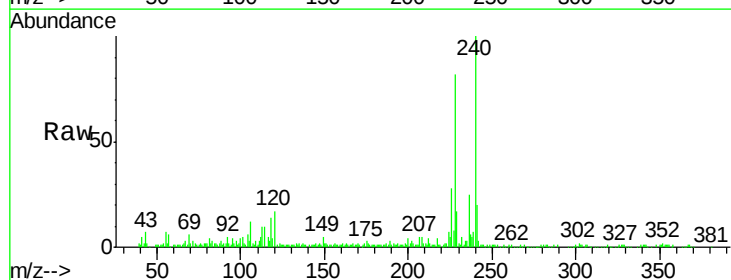
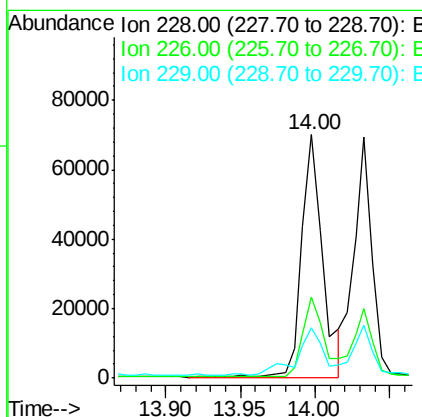
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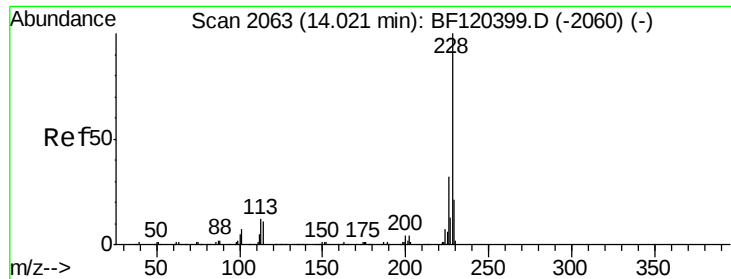


#81
 Benzo(a)anthracene
 Concen: 3.231 ng
 RT: 14.00 min Scan# 2059
 Delta R.T. -0.01 min
 Lab File: BF120498.D
 Acq: 2 Jun 2020 16:45

Tgt Ion:228 Resp: 70087

Ion	Ratio	Lower	Upper
228	100		
226	33.4	22.9	34.3
229	20.6	16.3	24.5





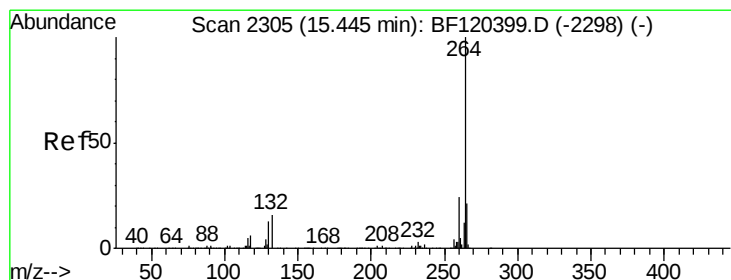
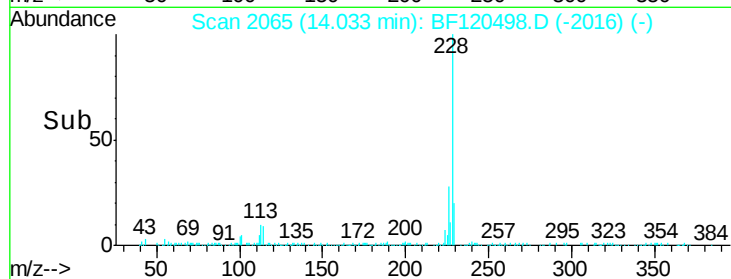
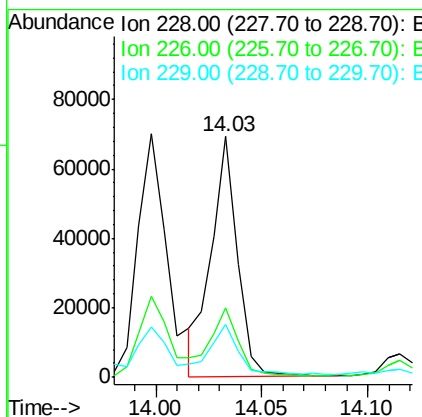
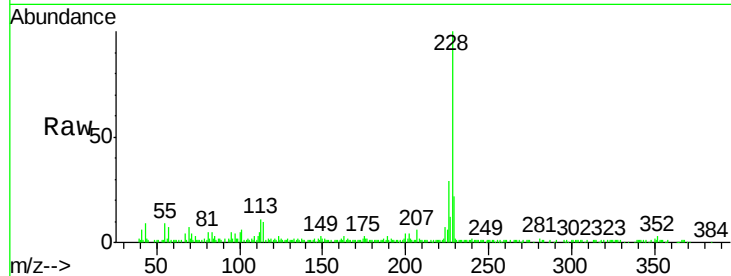
#83
Chrysene
Concen: 2.637 ng
RT: 14.03 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BF120498.D
Acq: 2 Jun 2020 16:45

Instrument :
BNA_F
ClientSampleId :
NM105-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.7	38.5
229	21.8	16.4	24.6

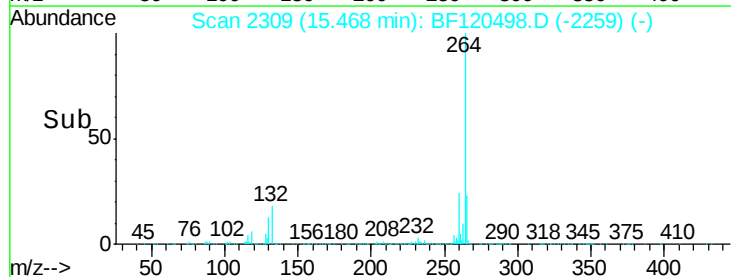
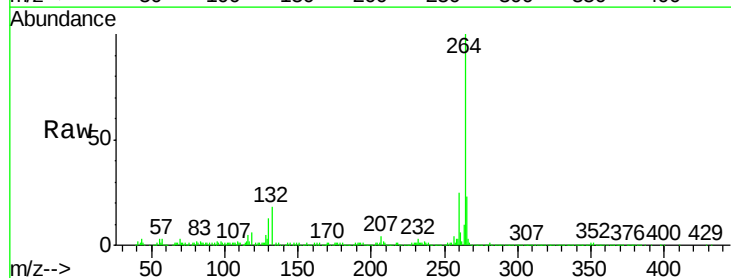
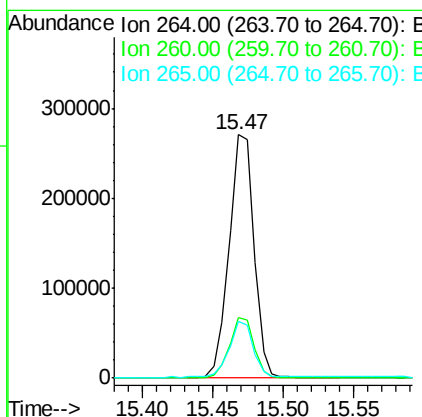
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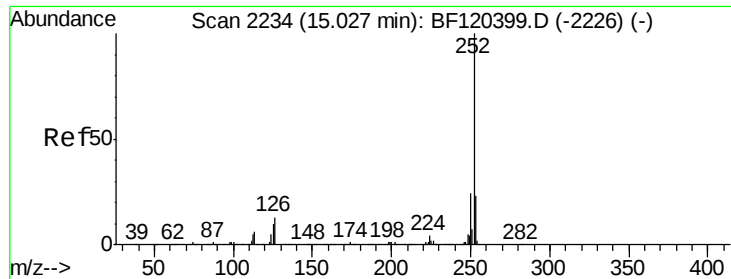
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BF120498.D
Acq: 2 Jun 2020 16:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	23.1	17.6	26.4





#88

Benzo(b)fluoranthene

Concen: 3.862 ng/mL

RT: 15.04 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BF120498.D

Acq: 2 Jun 2020 16:45

Instrument :

BNA_F

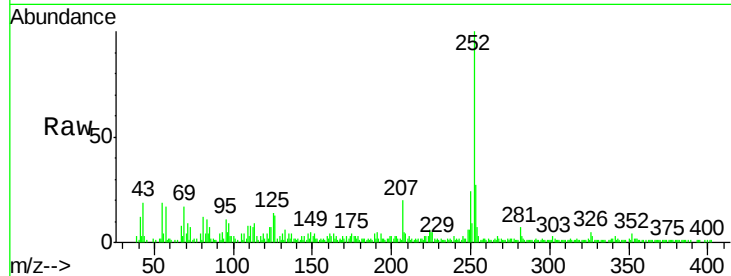
ClientSampleId :

NM105-COMP-2020-0-6

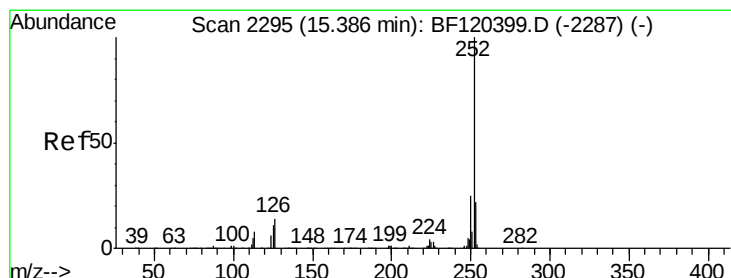
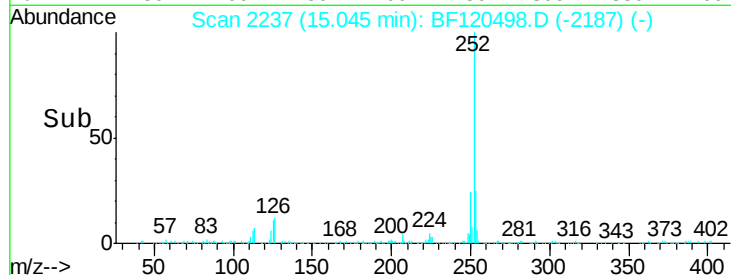
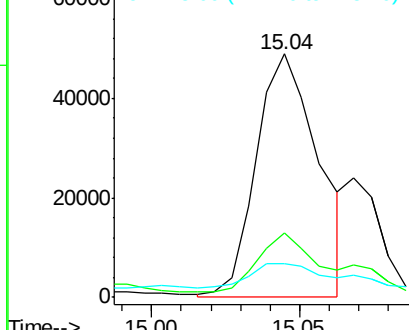
Tot Ion:	252	Resp:	71408
Ion Ratio	Lower	Upper	
252	100		
253	26.5	18.2	27.2
125	13.9	8.2	12.4#

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



#90

Benzo(a)pyrene

Concen: 2.903 ng/mL

RT: 15.40 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BF120498.D

Acq: 2 Jun 2020 16:45

Tgt Ion:	252	Resp:	46958
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.9	26.9
125	14.3	9.0	13.4#

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

