

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
 Data File : BF120413.D
 Acq On : 28 May 2020 17:36
 Operator : MA/SJ
 Sample : L2745-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM19-COMP-2020-0-6

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Quant Time: Jun 03 06:31:41 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	252471	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	888283	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	407785	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	679203	20.00	ng	0.00
76) Chrysene-d12	13.99	240	522257	20.00	ng	0.00
86) Perylene-d12	15.44	264	567260	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	1308224	98.75	ng	0.00
7) Phenol-d6	6.46	99	1621752	99.32	ng	0.00
23) Nitrobenzene-d5	7.40	82	1057267	77.86	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	379780	100.52	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1840894	76.60	ng	0.00
79) Terphenyl-d14	12.94	244	1698748	72.38	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.59	163	300727	11.796	ng	99
71) Phenanthrene	11.38	178	312631	10.446	ng	98
72) Anthracene	11.43	178	88900	2.961	ng	98
75) Fluoranthene	12.57	202	688057	21.366	ng	99
78) Pyrene	12.80	202	627247	17.270	ng	98
81) Benzo(a)anthracene	13.98	228	348940	12.467	ng	95
83) Chrysene	14.02	228	327660	11.166	ng	97
87) Indeno(1,2,3-cd)pyrene	16.87	276	206798	6.665	ng	94
88) Benzo(b)fluoranthene	15.02	252	457836m	14.531	ng	
89) Benzo(k)fluoranthene	15.04	252	162012m	5.508	ng	
90) Benzo(a)pyrene	15.38	252	327815	11.895	ng	97
92) Benzo(a,h,i)perylene	17.31	276	191961	7.694	ng	99

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

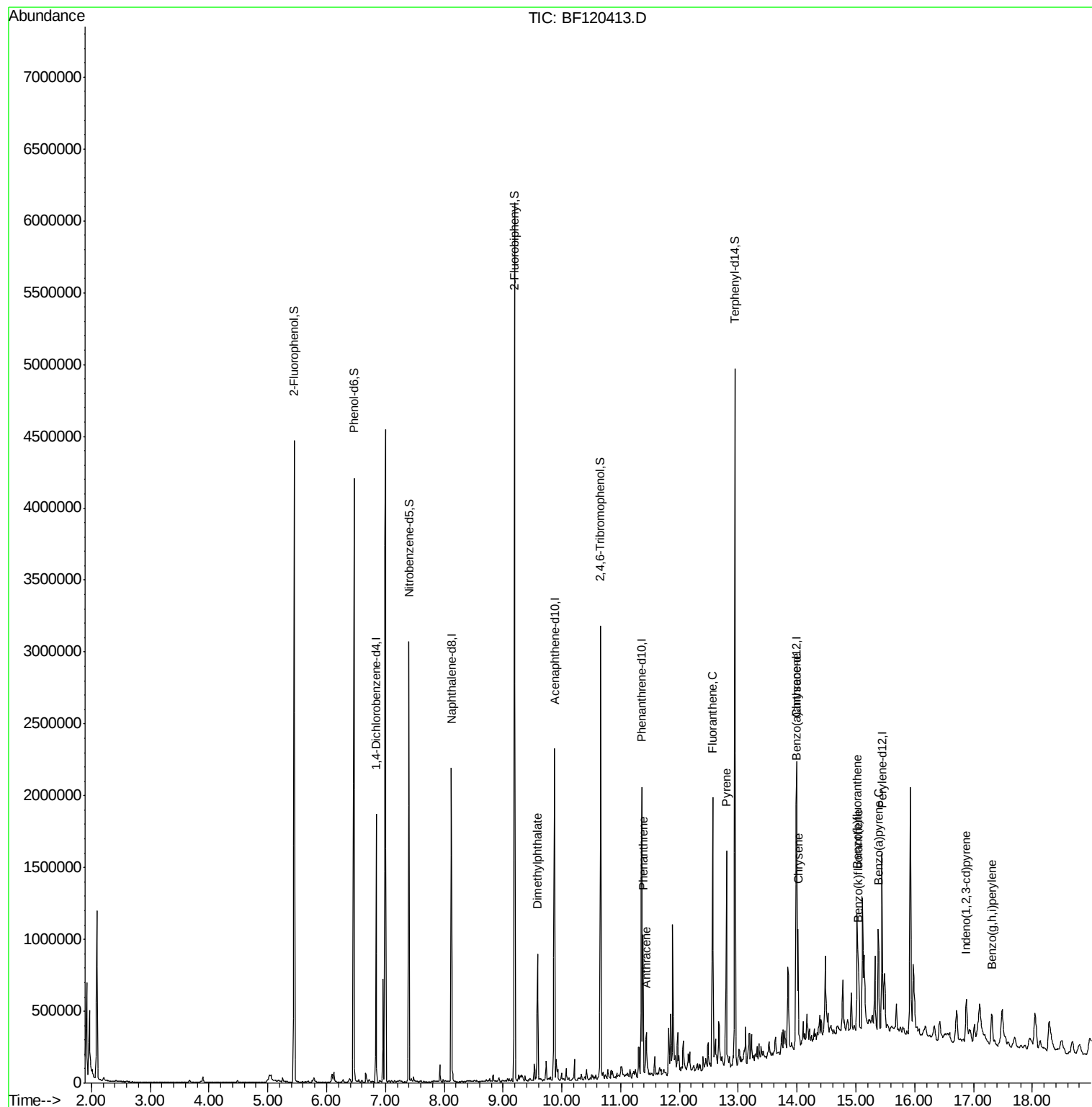
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120413.D
Acq On : 28 May 2020 17:36
Operator : MA/SJ
Sample : L2745-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

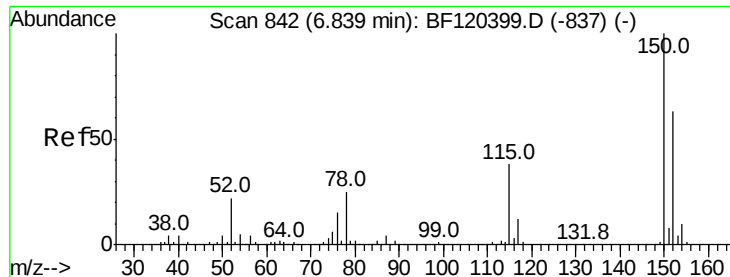
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

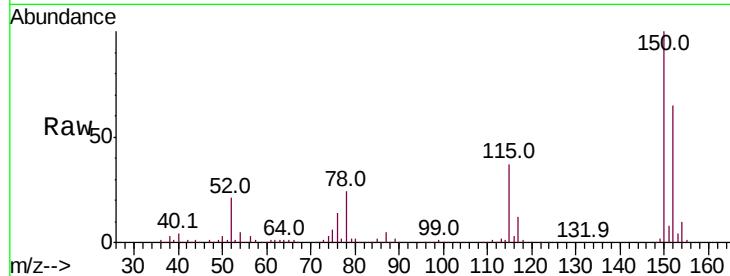
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF120413.D
Acq: 28 May 2020 17:36

Instrument :
BNA_F
ClientSampleId :
NM19-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.5	189.7
115	57.6	47.6	71.4

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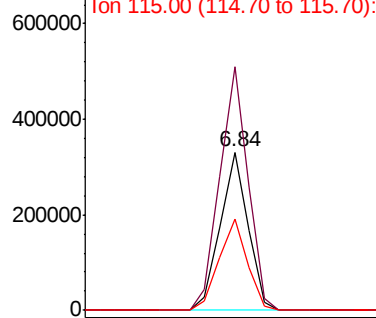


Abundance

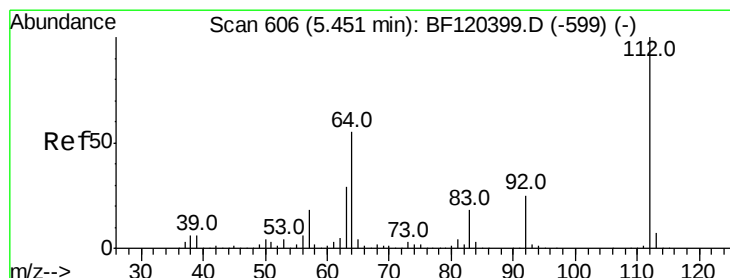
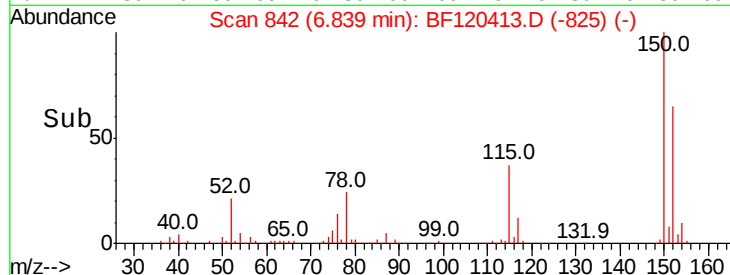
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



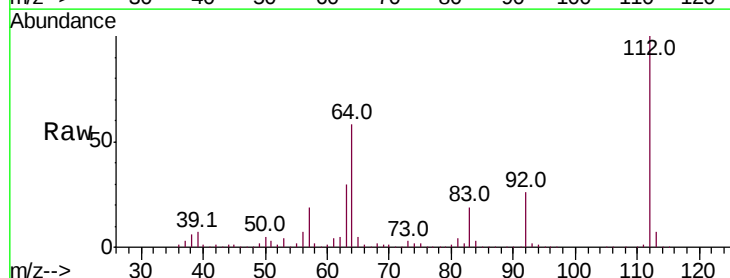
Time-->



#5

2-Fluorophenol
Concen: 98.750 ng
RT: 5.45 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF120413.D
Acq: 28 May 2020 17:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	44.3	66.5
63	30.4	22.9	34.3

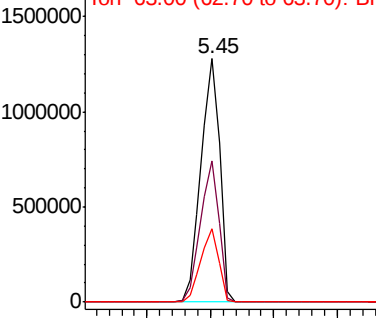


Abundance

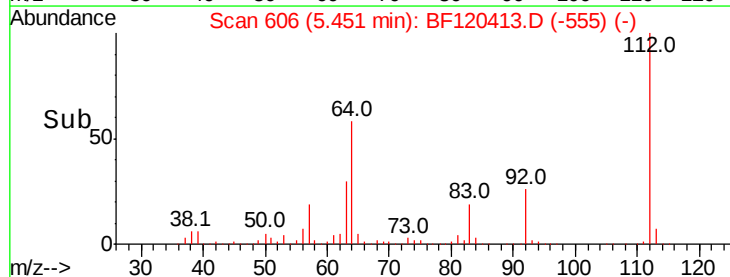
Ion 112.00 (111.70 to 112.70): E

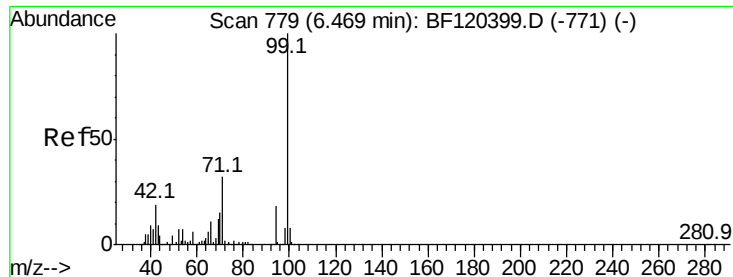
Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 99.318 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120413.D

Acq: 28 May 2020 17:36

Instrument :

BNA_F

ClientSampleId :

NM19-COMP-2020-0-6

Tot Ion: 99 Resp: 1621752

Ion Ratio Lower Upper

99 100

42 19.8 15.2 22.8

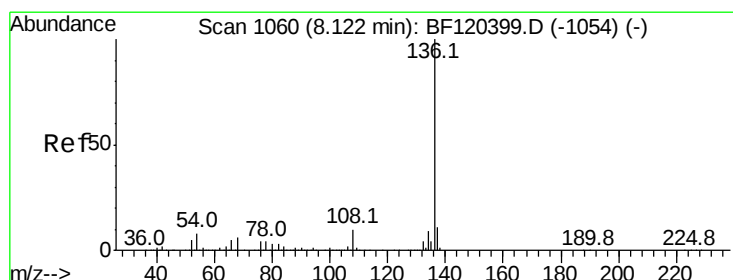
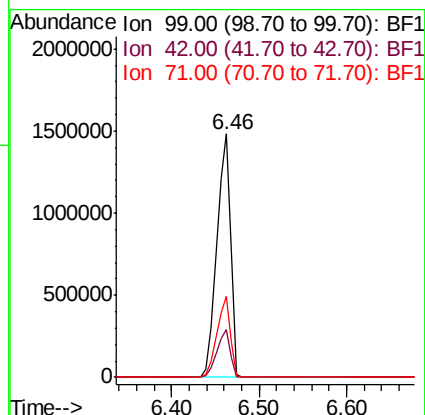
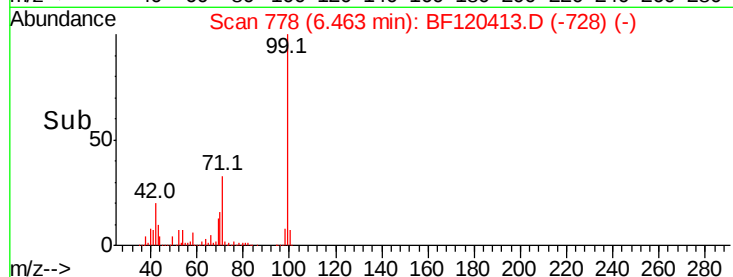
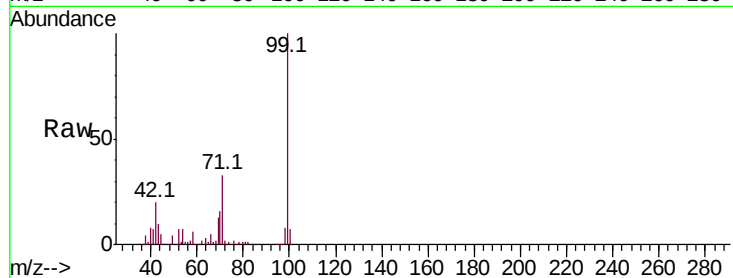
71 33.4 25.6 38.4

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BF120413.D

Acq: 28 May 2020 17:36

Tgt Ion: 136 Resp: 888283

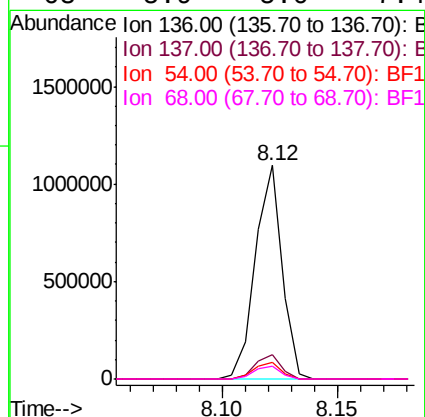
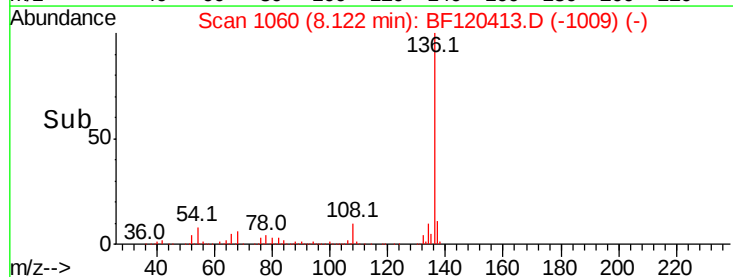
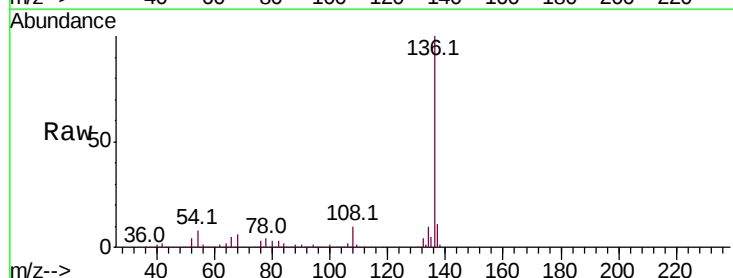
Ion Ratio Lower Upper

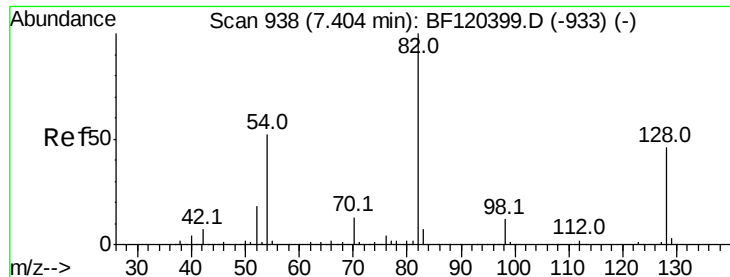
136 100

137 11.3 9.1 13.7

54 7.8 6.7 10.1

68 5.9 5.0 7.4





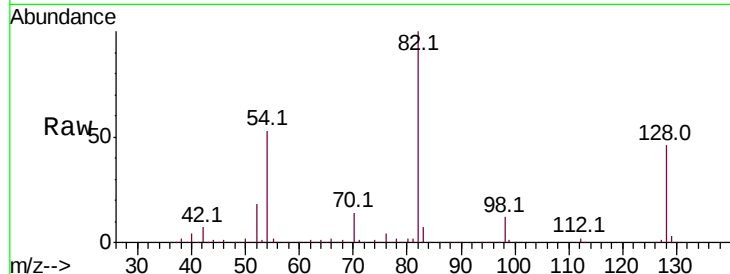
#23
Nitrobenzene-d5
Concen: 77.857 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF120413.D
Acq: 28 May 2020 17:36

Instrument :
BNA_F
ClientSampleId :
NM19-COMP-2020-0-6

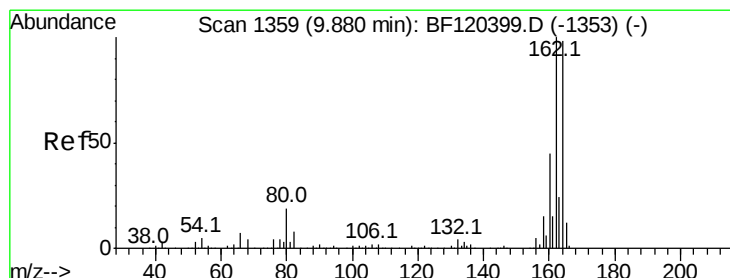
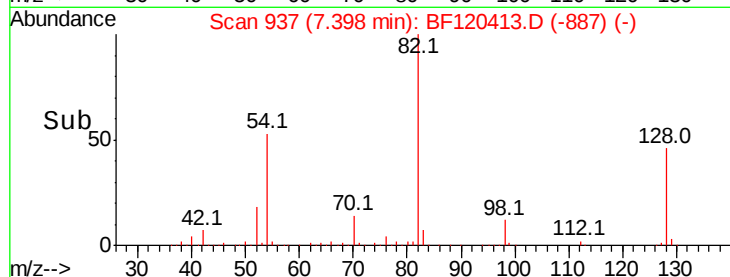
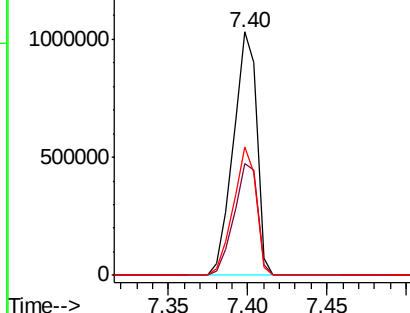
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.8	55.2
54	52.6	41.6	62.4

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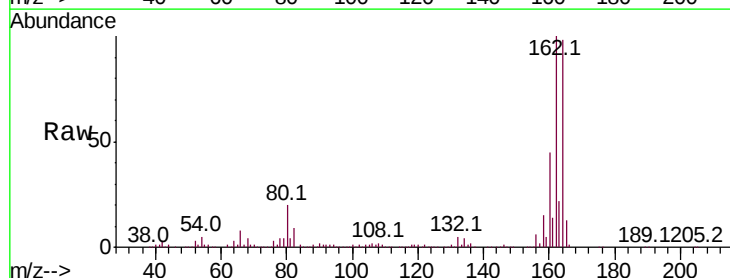


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

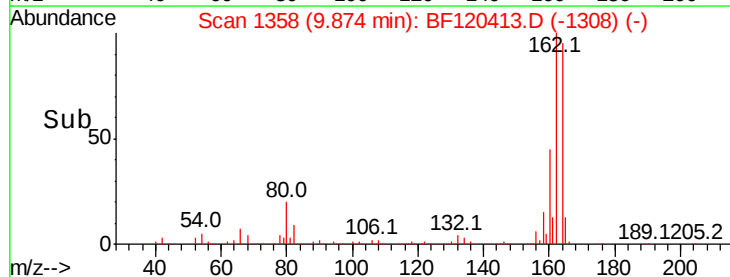
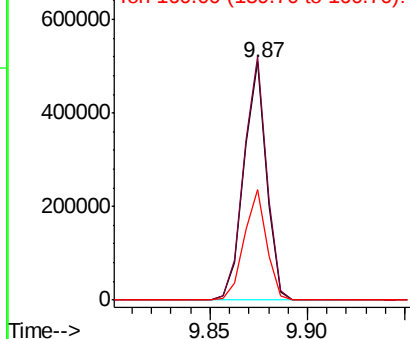


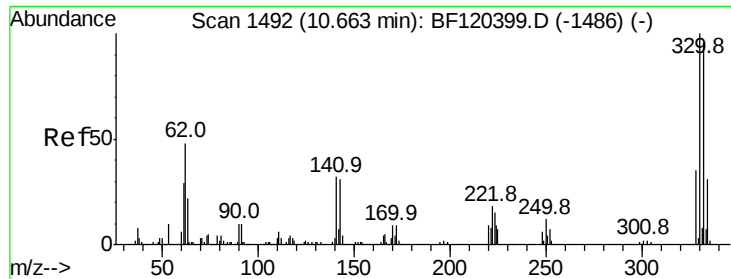
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF120413.D
Acq: 28 May 2020 17:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.3	121.9
160	46.2	36.9	55.3



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





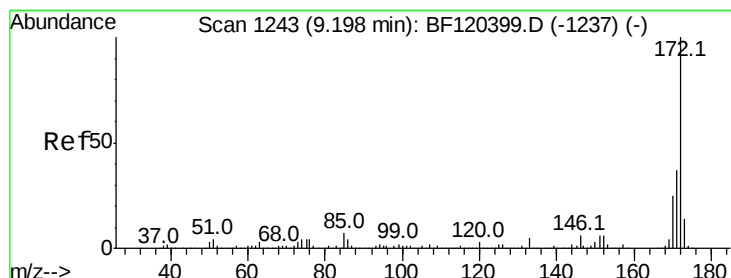
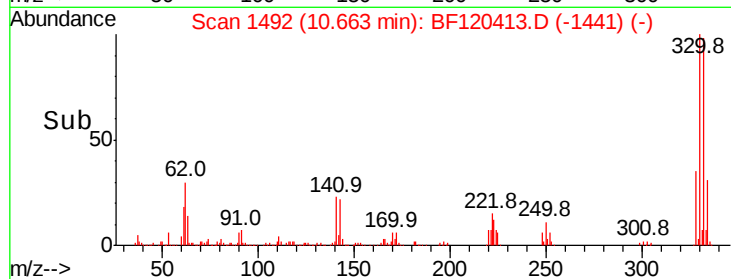
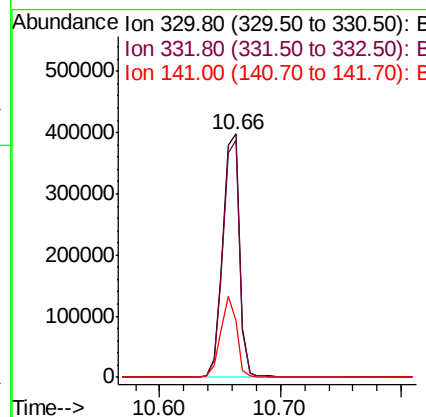
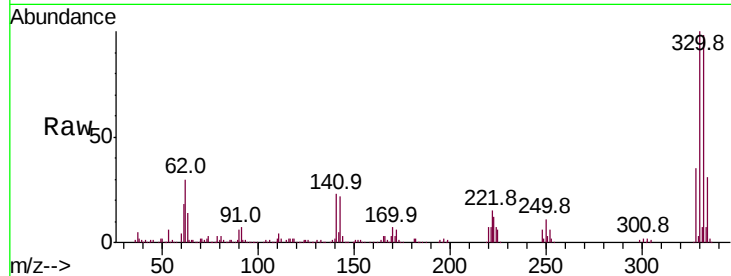
#42
 2,4,6-Tribromophenol
 Concen: 100.516 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF120413.D
 Acq: 28 May 2020 17:36

Instrument :
 BNA_F
 ClientSampleId :
 NM19-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	379780		
332	96.6	77.0	115.6	
141	31.5	25.3	37.9	

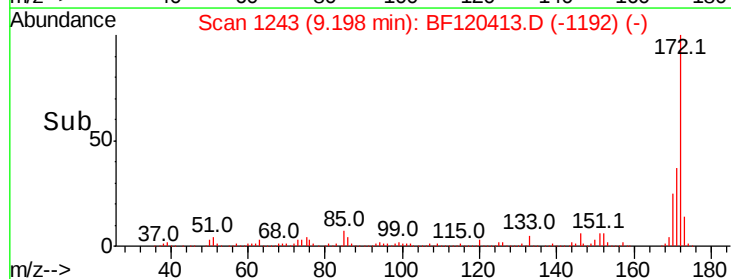
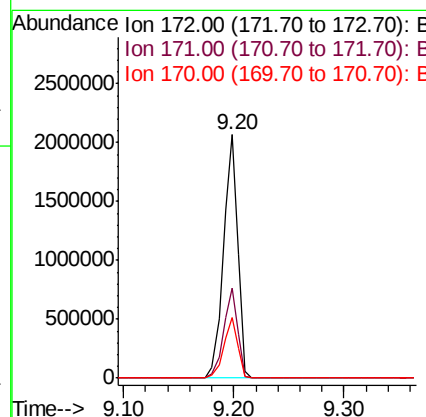
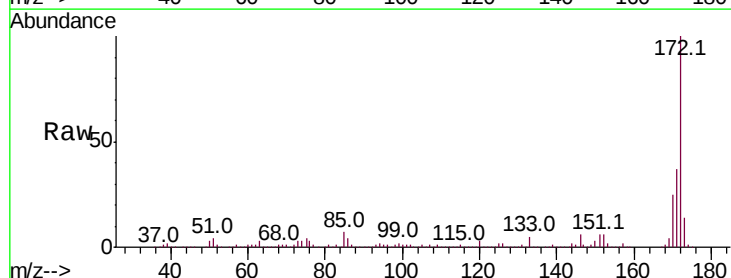
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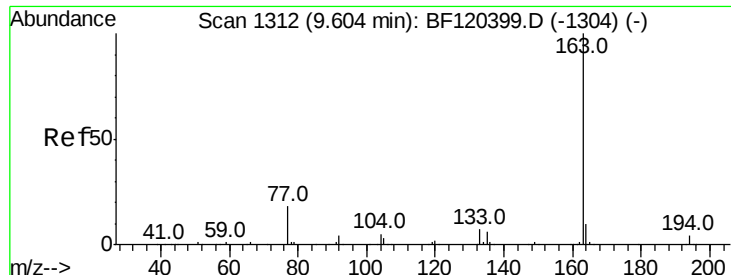
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#45
 2-Fluorobiphenyl
 Concen: 76.595 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF120413.D
 Acq: 28 May 2020 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1840894		
171	37.0	29.7	44.5	
170	24.6	19.9	29.9	





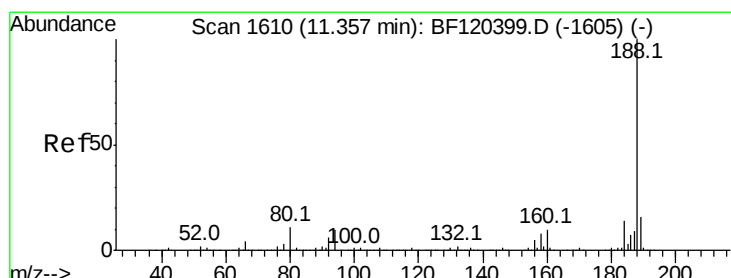
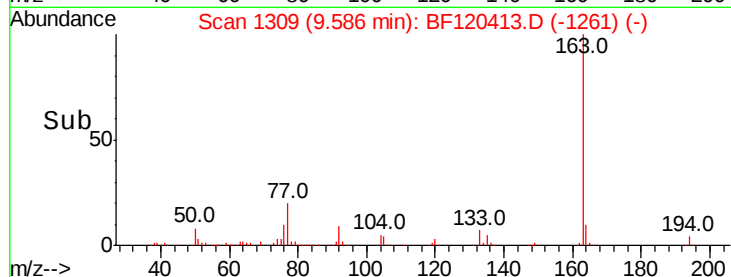
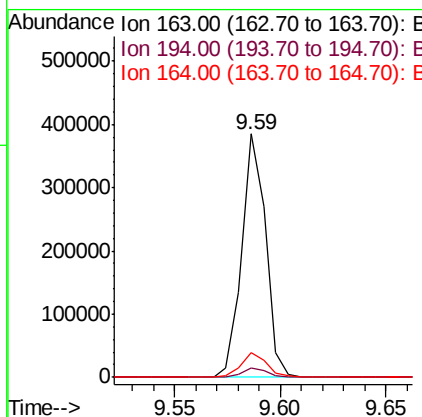
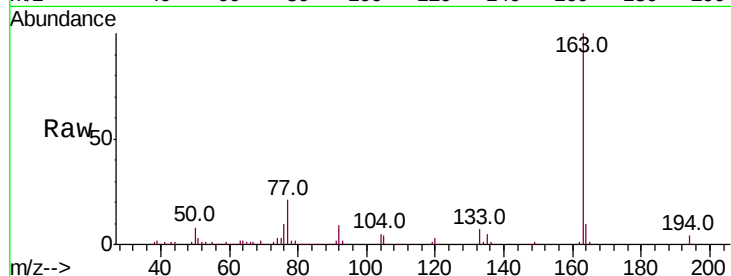
#50
Dimethylphthalate
Concen: 11.796 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120413.D
Acq: 28 May 2020 17:36

Instrument :
BNA_F
ClientSampleId :
NM19-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	9.9	8.3	12.5

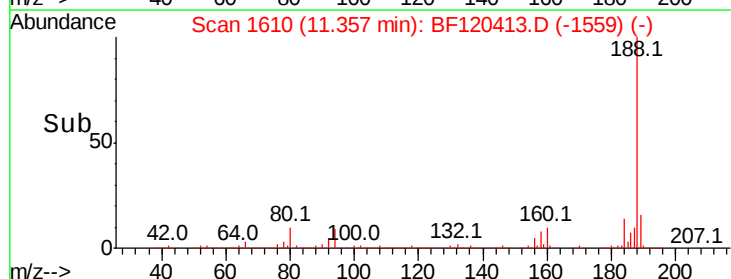
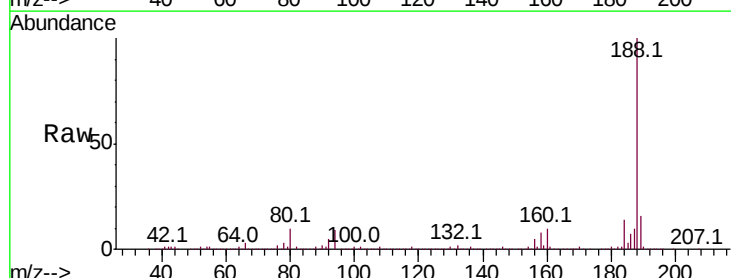
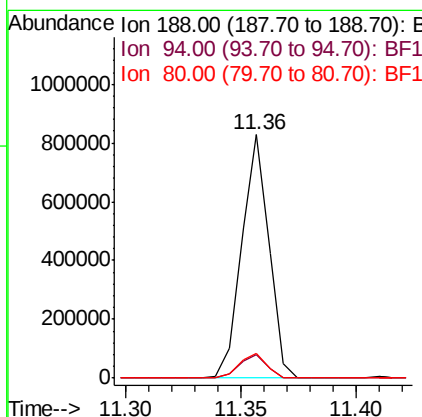
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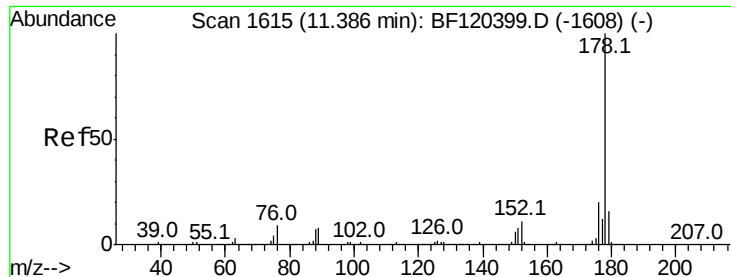
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF120413.D
Acq: 28 May 2020 17:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.9	11.9
80	10.0	8.6	13.0





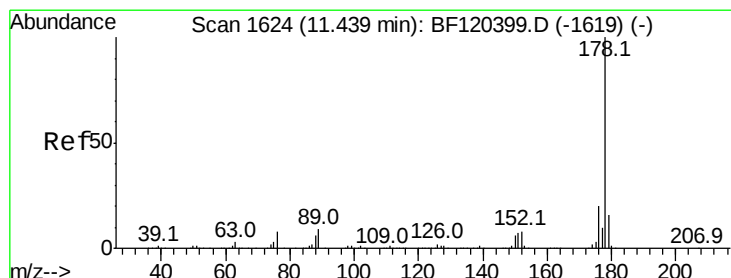
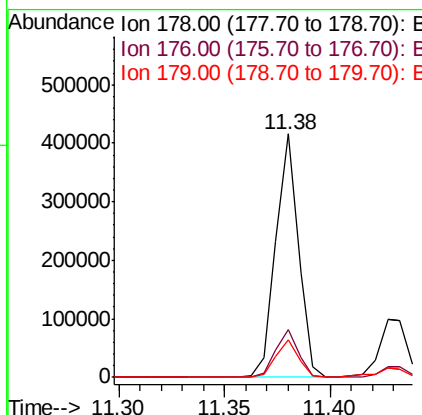
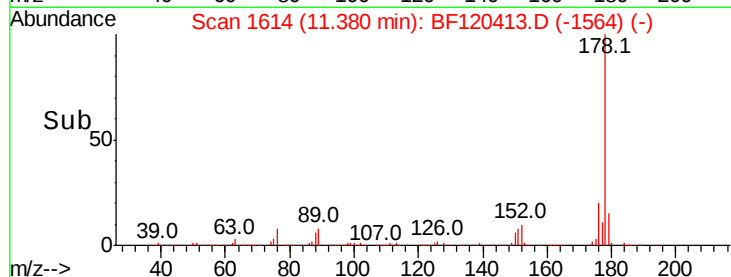
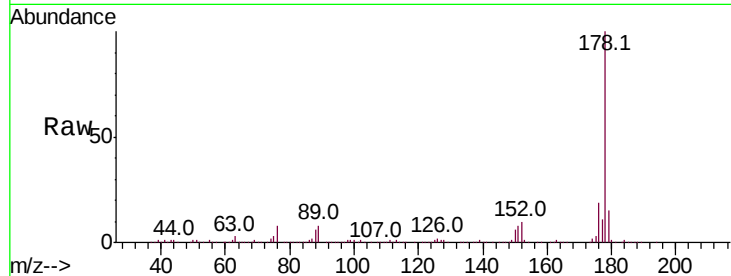
#71
Phenanthrene
Concen: 10.446 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120413.D
Acq: 28 May 2020 17:36

Instrument :
BNA_F
ClientSampleId :
NM19-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.4	24.6
179	15.2	13.0	19.4

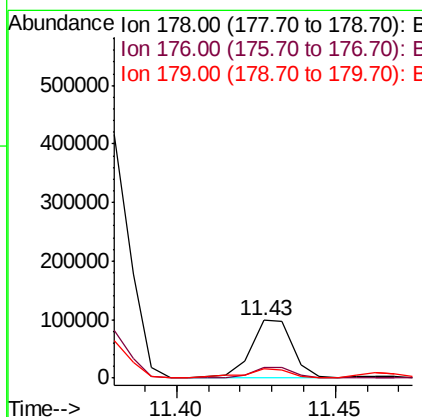
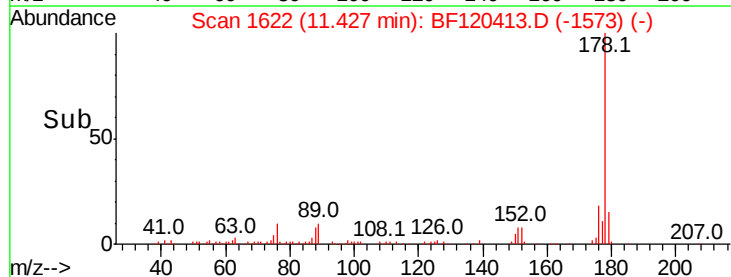
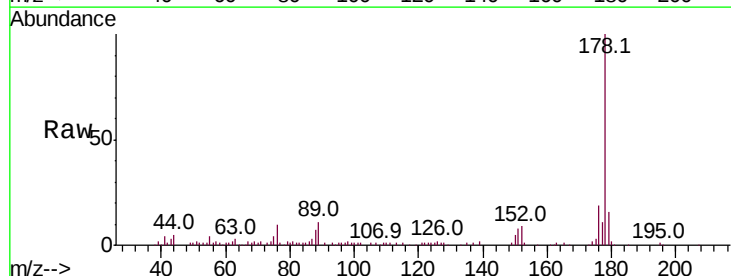
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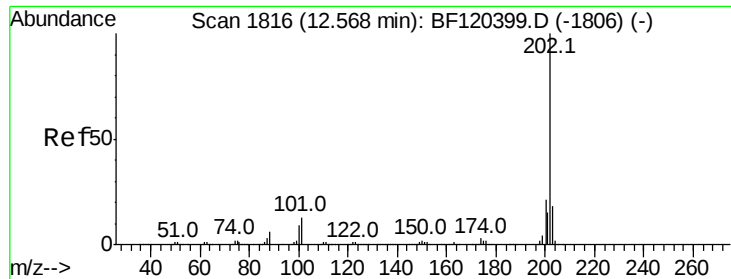
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#72
Anthracene
Concen: 2.961 ng
RT: 11.43 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF120413.D
Acq: 28 May 2020 17:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.6
179	15.7	12.8	19.2





#75

Fluoranthene

Concen: 21.366 ng

RT: 12.57 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF120413.D

Acq: 28 May 2020 17:36

Instrument :

BNA_F

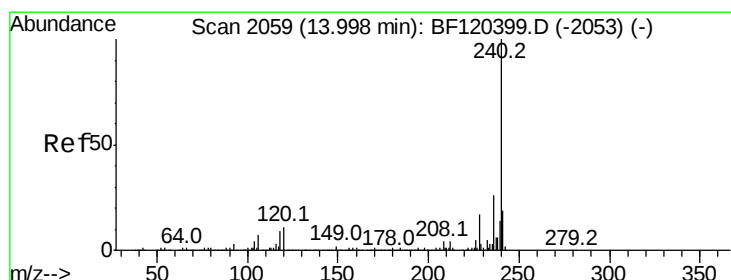
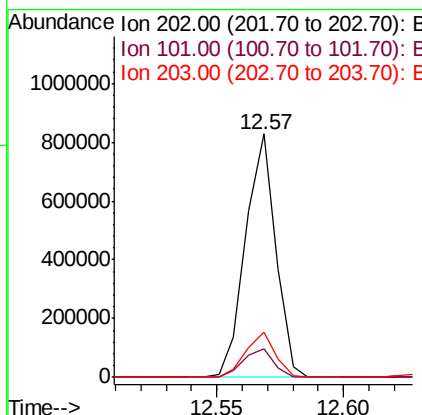
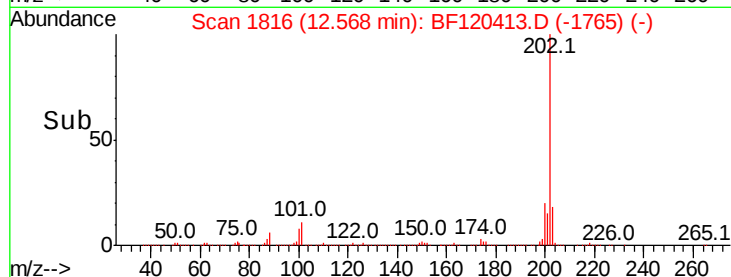
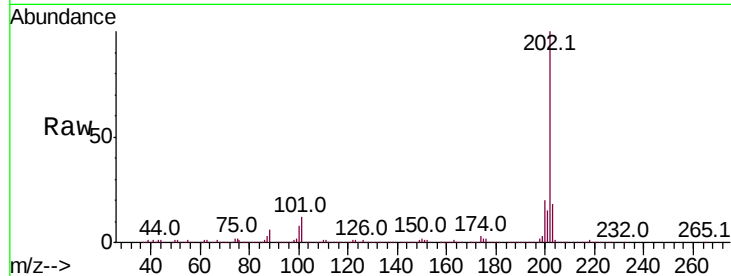
ClientSampleId :

NM19-COMP-2020-0-6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.5	0.0	32.6
203	18.4	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

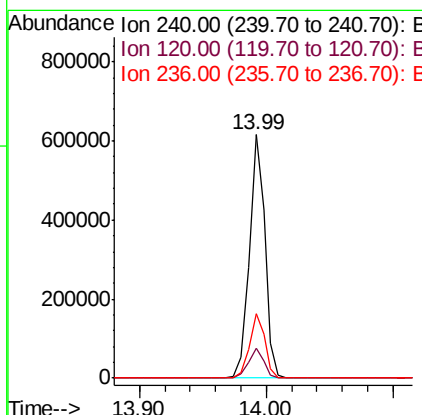
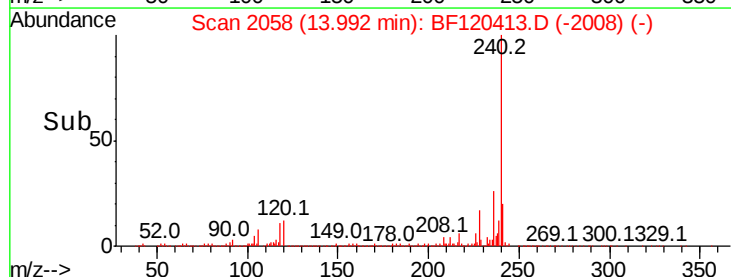
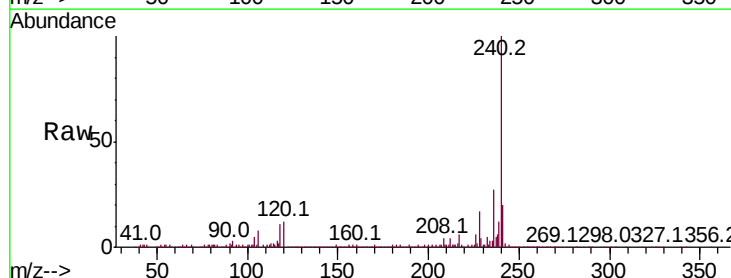
RT: 13.99 min Scan# 2058

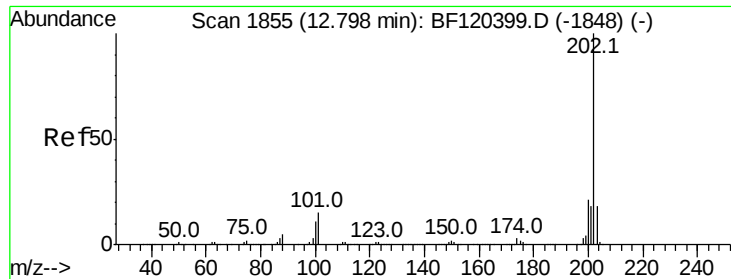
Delta R.T. -0.01 min

Lab File: BF120413.D

Acq: 28 May 2020 17:36

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.3	8.8	13.2
236	26.5	21.0	31.4





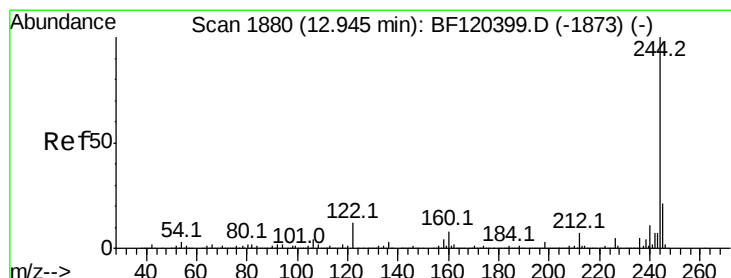
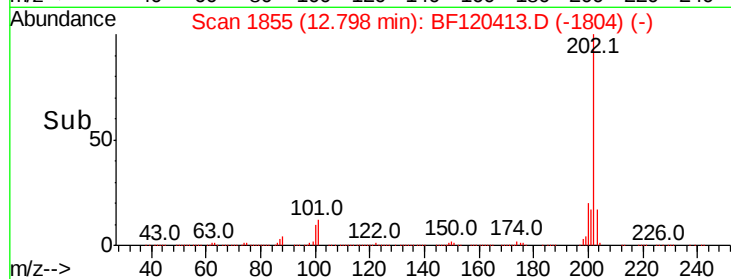
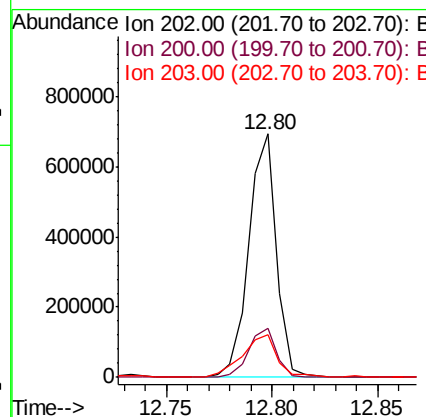
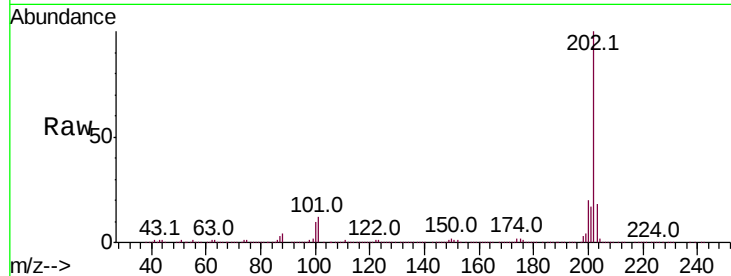
#78
Pvrene
Concen: 17.270 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF120413.D
Acq: 28 May 2020 17:36

Instrument :
BNA_F
ClientSampleId :
NM19-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
202	100	627247		
200	20.4		17.0	25.4
203	17.7		14.7	22.1

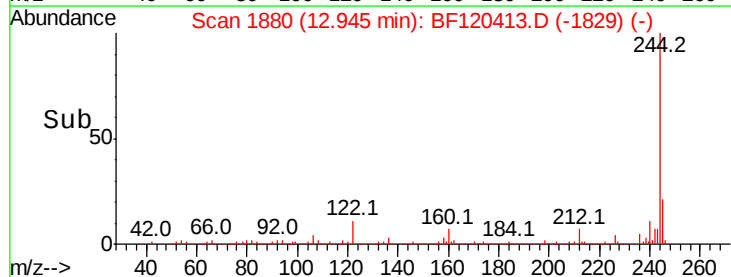
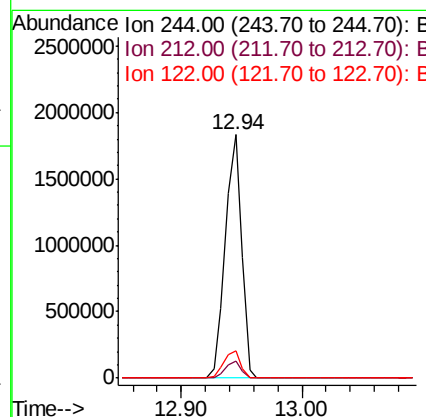
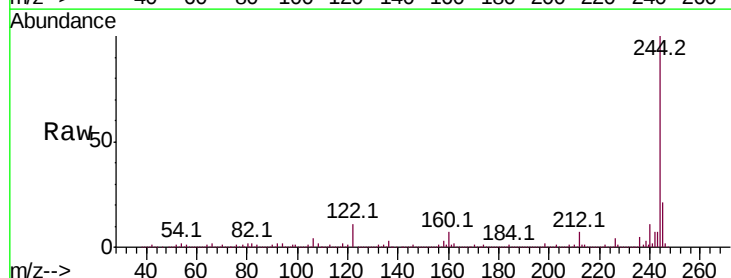
Manual Integrations
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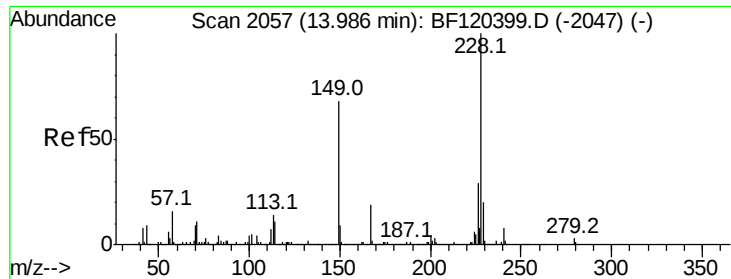
mohammad
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#79
Terphenyl-d14
Concen: 72.380 ng
RT: 12.94 min Scan# 1880
Delta R.T. -0.00 min
Lab File: BF120413.D
Acq: 28 May 2020 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1698748		
212	6.9		5.9	8.9
122	11.4		9.2	13.8





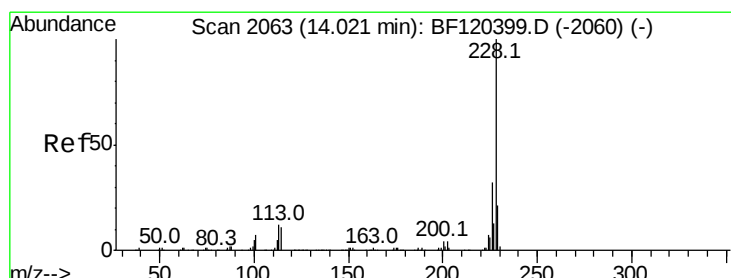
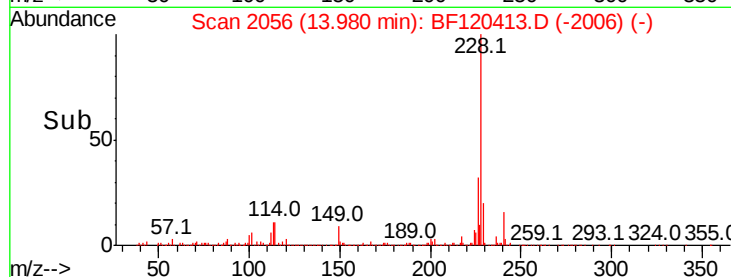
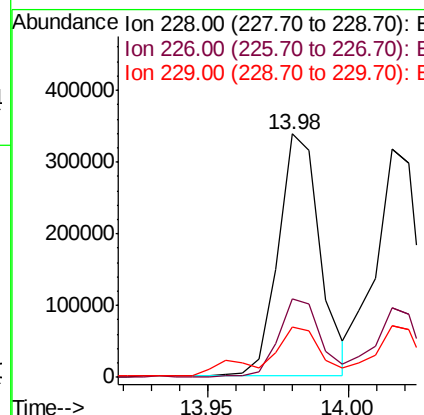
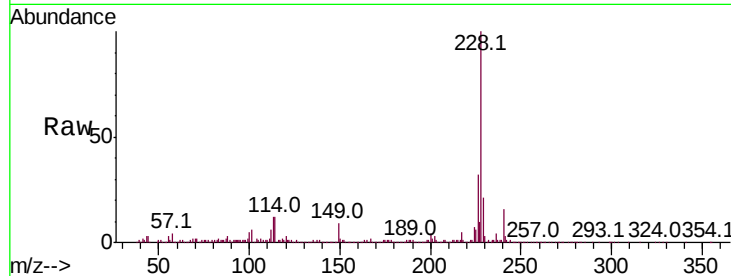
#81
Benzo(a)anthracene
Concen: 12.467 ng
RT: 13.98 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF120413.D
Acq: 28 May 2020 17:36

Instrument :
BNA_F
ClientSampleId :
NM19-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	23.0	34.4
229	20.9	16.2	24.4

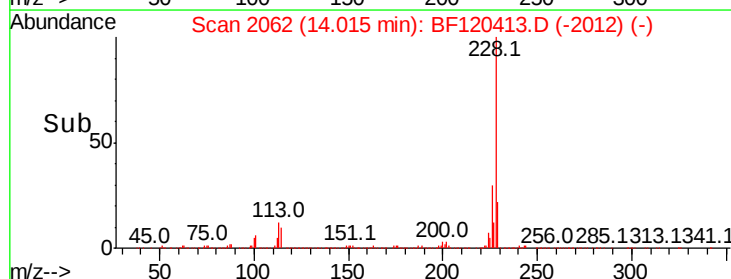
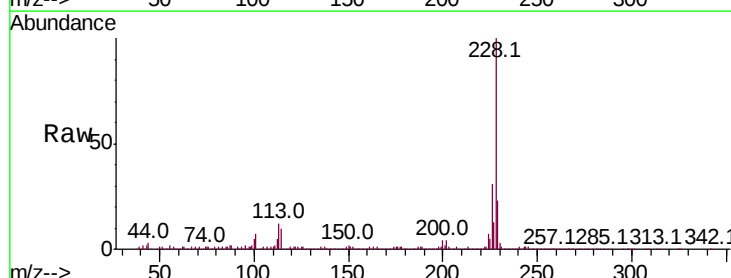
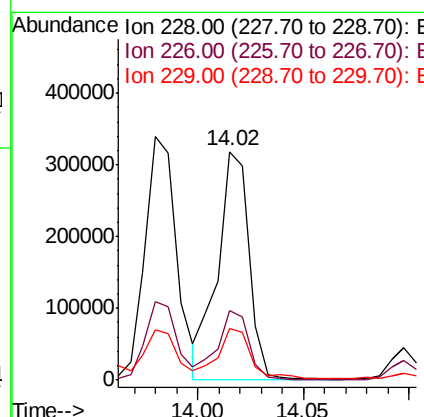
Manual Integrations
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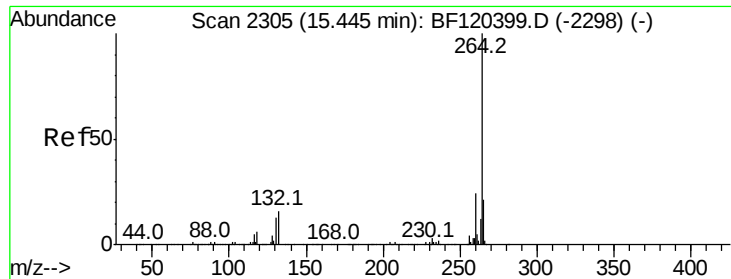
mohammad
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#83
Chrysene
Concen: 11.166 ng
RT: 14.02 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BF120413.D
Acq: 28 May 2020 17:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.6	38.4
229	22.7	16.6	25.0





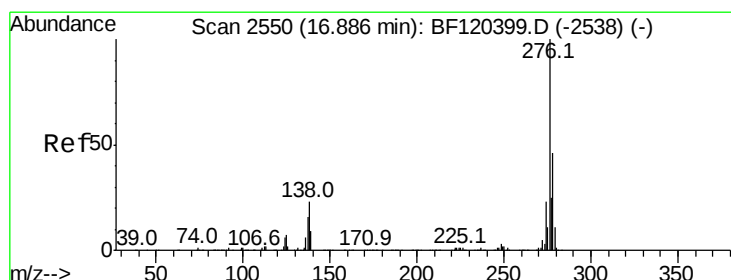
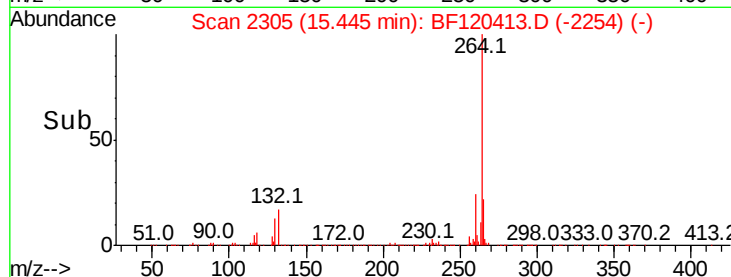
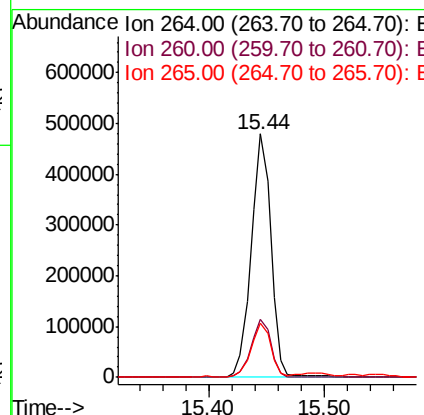
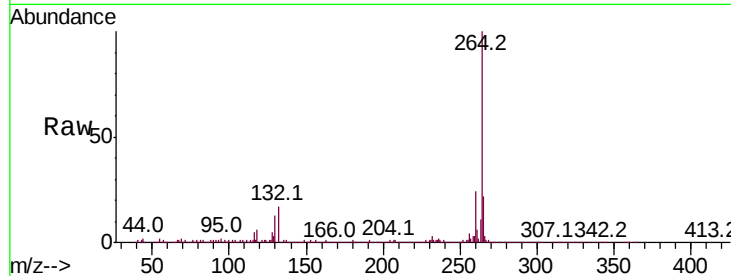
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BF120413.D
Acq: 28 May 2020 17:36

Instrument :
BNA_F
ClientSampleId :
NM19-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.2	16.9	25.3

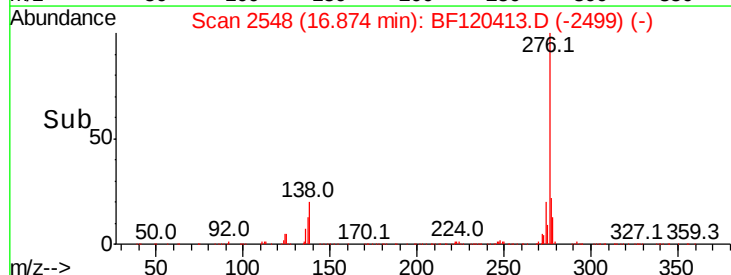
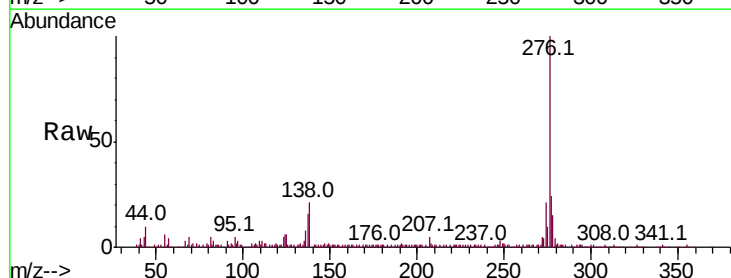
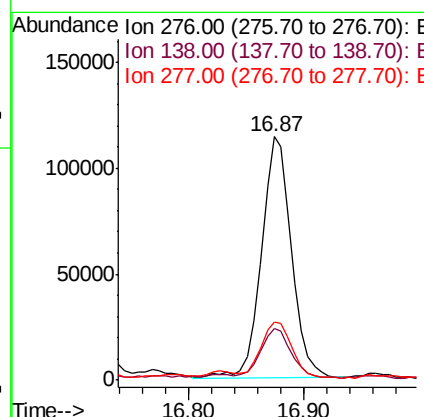
Manual Integrations
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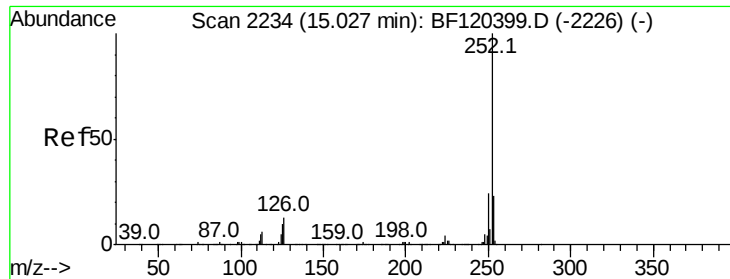
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 6.665 ng
RT: 16.87 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF120413.D
Acq: 28 May 2020 17:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	20.4	30.6
277	23.7	20.4	30.6





#88

Benzo(b)fluoranthene

Concen: 14.531 ng m

RT: 15.02 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF120413.D

Acq: 28 May 2020 17:36

Instrument :

BNA_F

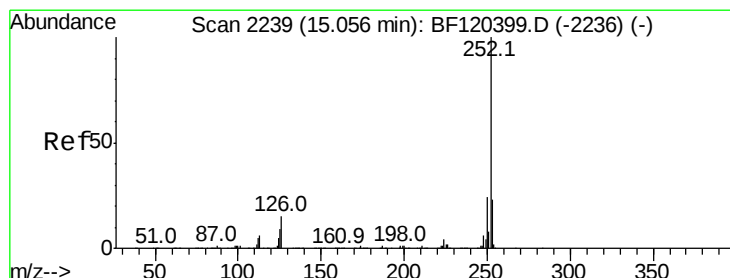
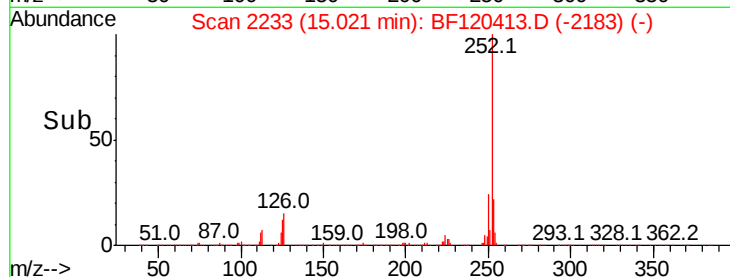
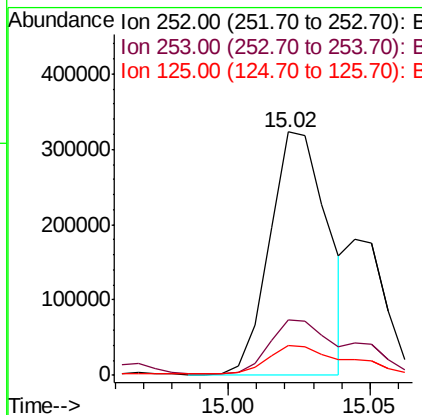
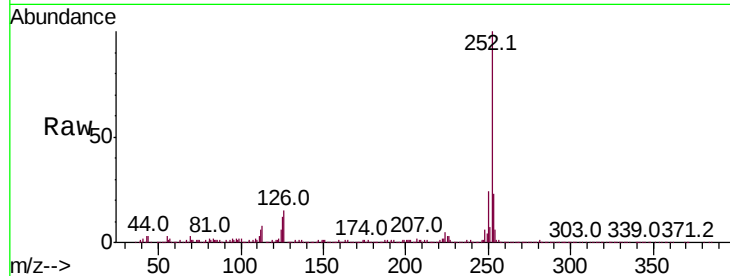
ClientSampleId :

NM19-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	12.3	7.8	11.8

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#89

Benzo(k)fluoranthene

Concen: 5.508 ng m

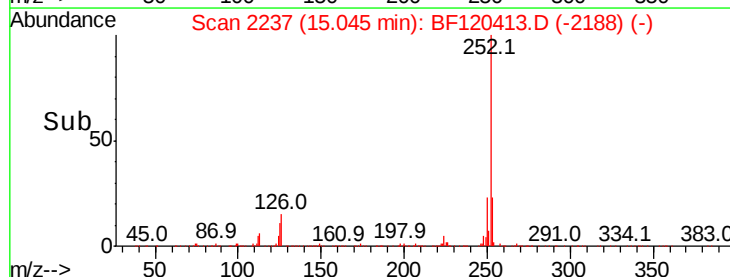
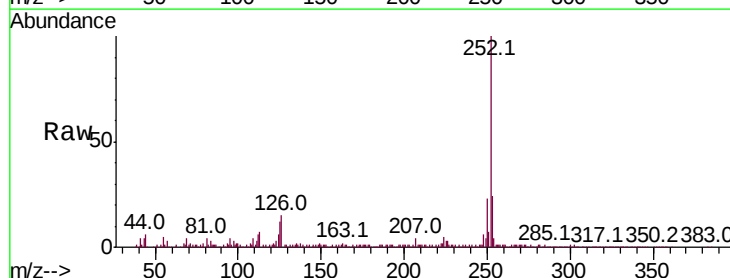
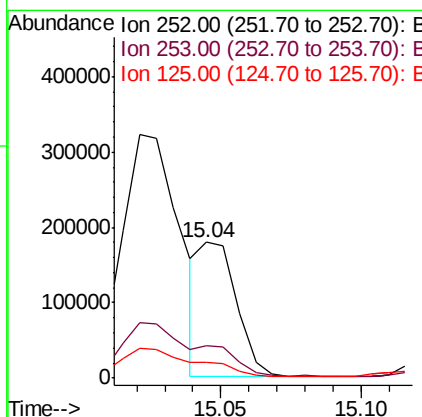
RT: 15.04 min Scan# 2237

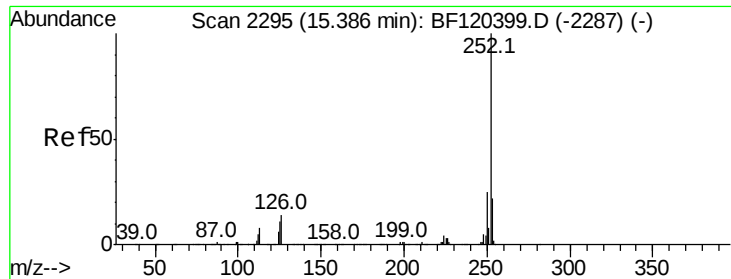
Delta R.T. -0.01 min

Lab File: BF120413.D

Acq: 28 May 2020 17:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	11.7	8.0	12.0





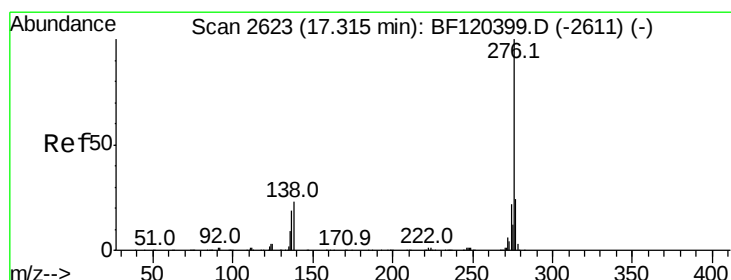
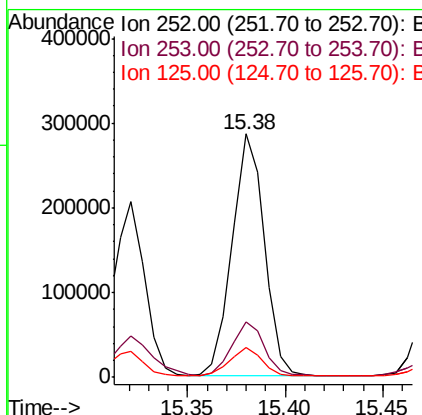
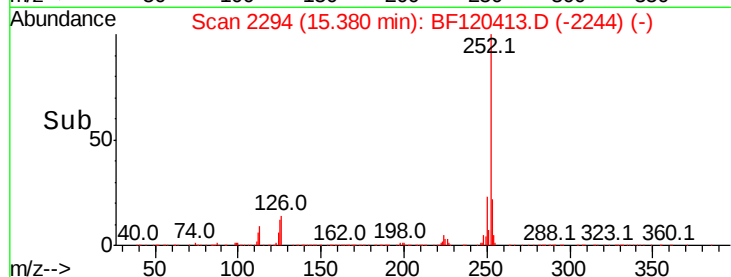
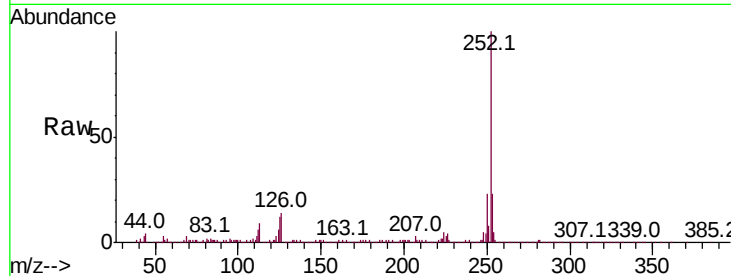
#90
Benzo(a)pyrene
Concen: 11.895 ng
RT: 15.38 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BF120413.D
Acq: 28 May 2020 17:36

Instrument :
BNA_F
ClientSampleId :
NM19-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	12.2	8.7	13.1

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#92
Benzo(g,h,i)perylene
Concen: 7.694 ng
RT: 17.31 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BF120413.D
Acq: 28 May 2020 17:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.5	29.3
138	22.1	18.1	27.1

