

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
 Data File : BF120546.D
 Acq On : 4 Jun 2020 21:09
 Operator : JU/CG
 Sample : L2839-18RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM18-COMP-2020-0-6RE

Manual Integrations
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mohammad
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Quant Time: Jun 05 01:20:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 16:38:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	182029	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	730651	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	241492	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	399465	20.00	ng	0.00
76) Chrysene-d12	14.00	240	418637	20.00	ng	0.00
86) Perylene-d12	15.45	264	344609	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1191200	124.71	ng	0.00
7) Phenol-d6	6.47	99	1470655	124.92	ng	0.00
23) Nitrobenzene-d5	7.39	82	993761	88.97	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	299923	134.04	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1383765	97.22	ng	0.00
79) Terphenyl-d14	12.94	244	1283490	68.22	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	219753	14.556	ng	100
71) Phenanthrene	11.37	178	137032	7.785	ng	97
72) Anthracene	11.43	178	37812	2.141	ng	98
75) Fluoranthene	12.57	202	295866	15.622	ng	96
78) Pyrene	12.80	202	262827	9.028	ng	98
81) Benzo(a)anthracene	13.99	228	196095	8.740	ng	96
83) Chrysene	14.02	228	184346	7.837	ng	96
87) Indeno(1,2,3-cd)pyrene	16.89	276	61240	3.249	ng	95
88) Benzo(b)fluoranthene	15.03	252	205871m	10.756	ng	
89) Benzo(k)fluoranthene	15.05	252	63719m	3.566	ng	
90) Benzo(a)pyrene	15.39	252	134579	8.038	ng	99
92) Benzo(a,h,i)perylene	17.33	276	56326	3.716	ng	98

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

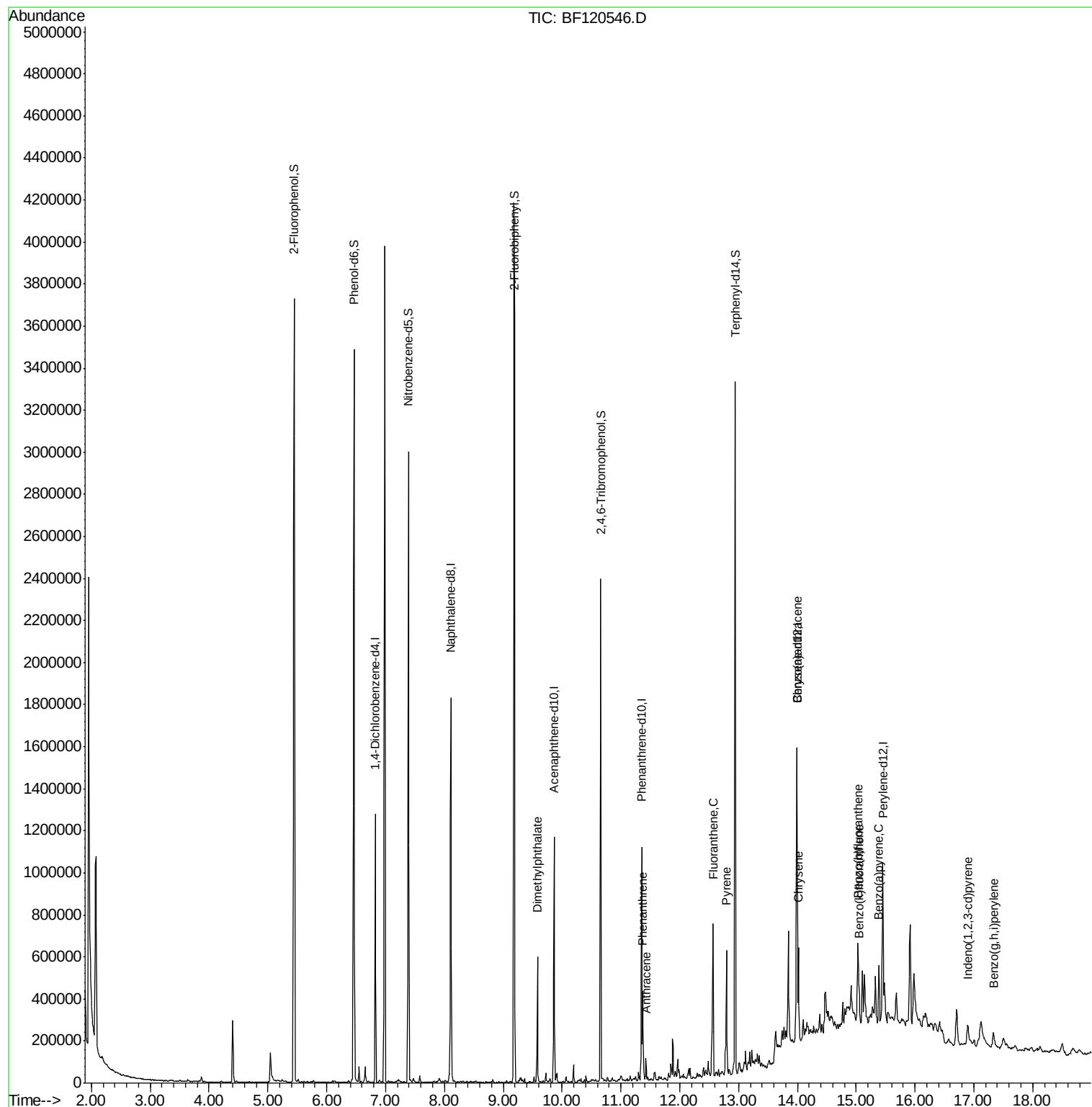
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
Data File : BF120546.D
Acq On : 4 Jun 2020 21:09
Operator : JU/CG
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ALS Vial : 19 Sample Multiplier: 1

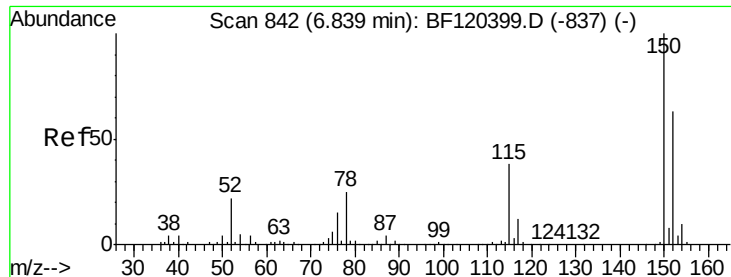
Instrument :
BNA_F
ClientSampleId :
NM18-COMP-2020-0-6RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

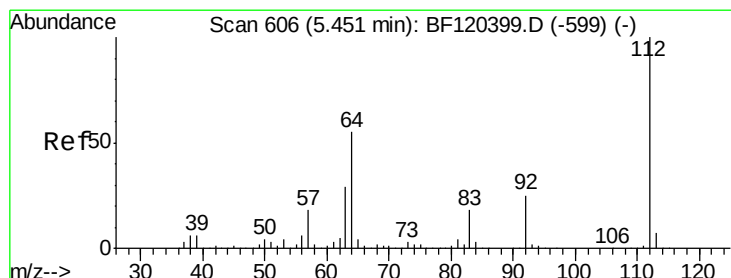
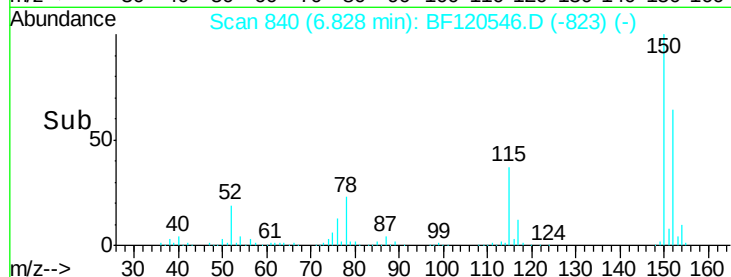
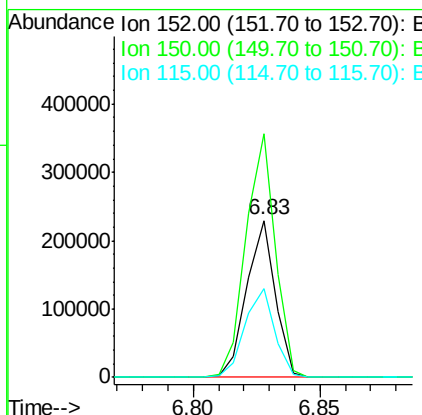
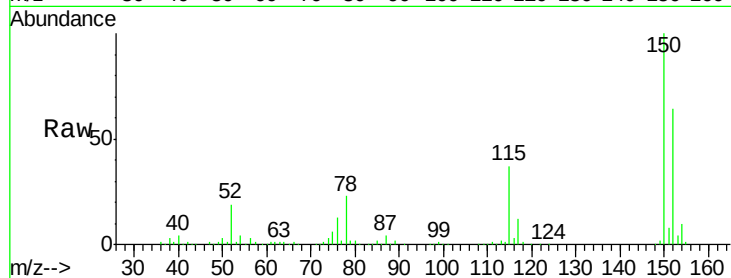
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF120546.D
Acq: 4 Jun 2020 21:09

Instrument :
BNA_F
ClientSampleId :
NM18-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.3	189.5
115	56.7	48.1	72.1

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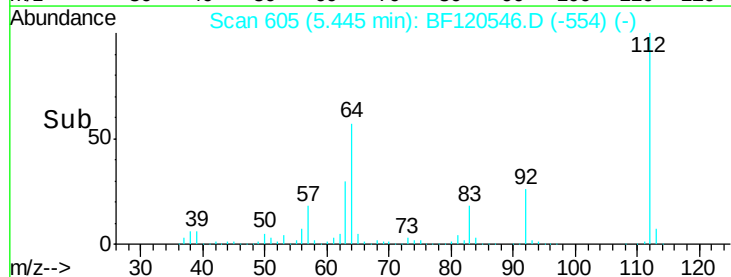
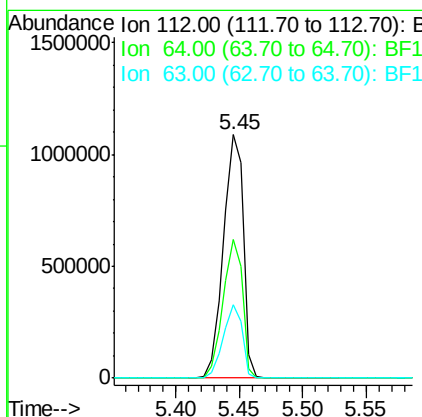
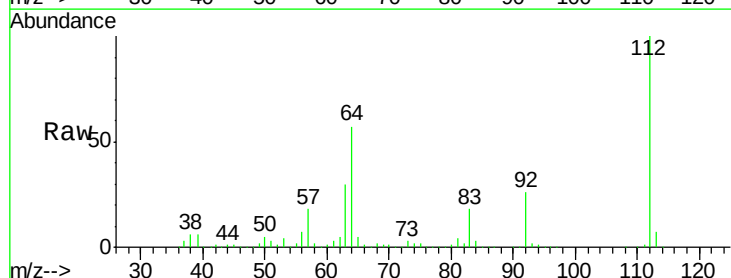
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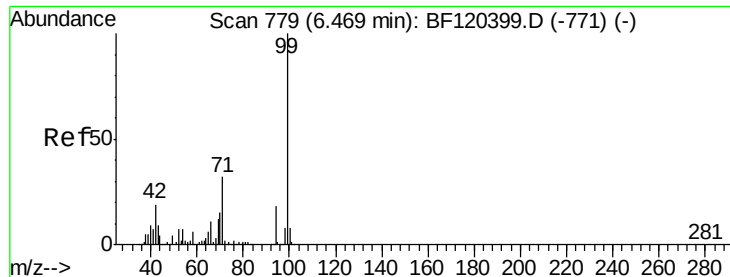


#5

2-Fluorophenol
Concen: 124.712 ng
RT: 5.45 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF120546.D
Acq: 4 Jun 2020 21:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.2	70.8
63	29.9	24.7	37.1





#7

Phenol-d6

Concen: 124.918 ng

RT: 6.47 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF120546.D

Acq: 4 Jun 2020 21:09

Instrument :

BNA_F

ClientSampleId :

NM18-COMP-2020-0-6RE

Tot Ion: 99 Resp: 1470655

Ion Ratio Lower Upper

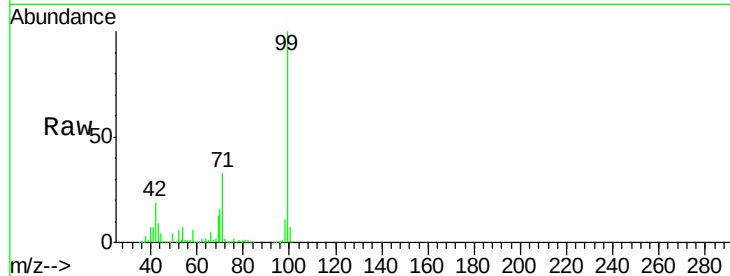
99 100

42 18.6 15.0 22.6

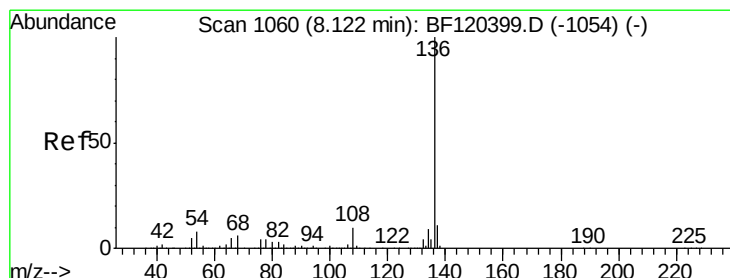
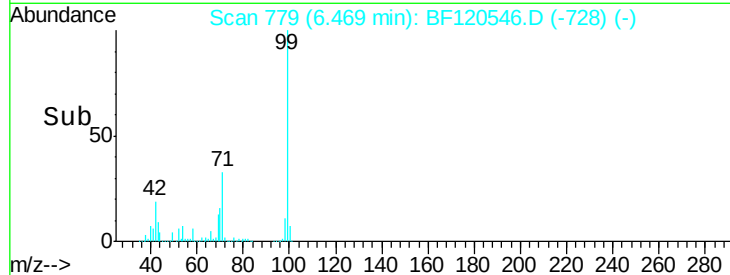
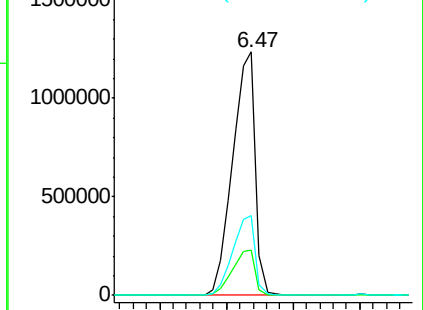
71 32.9 27.0 40.4

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF120546.D

Acq: 4 Jun 2020 21:09

Tgt Ion: 136 Resp: 730651

Ion Ratio Lower Upper

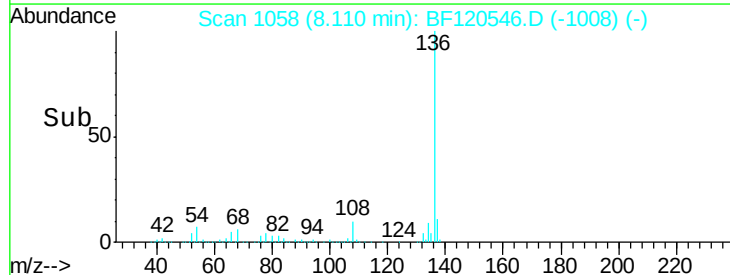
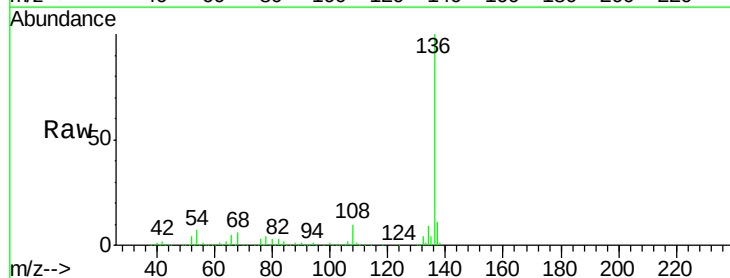
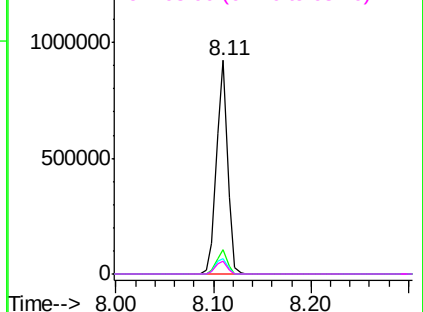
136 100

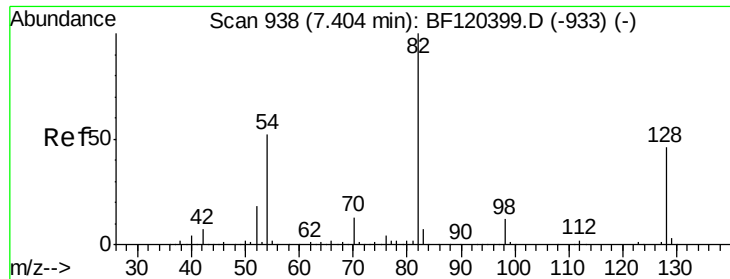
137 11.1 8.8 13.2

54 7.4 5.4 8.0

68 5.9 4.3 6.5

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 88.969 ng

RT: 7.39 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF120546.D

Acq: 4 Jun 2020 21:09

Instrument :

BNA_F

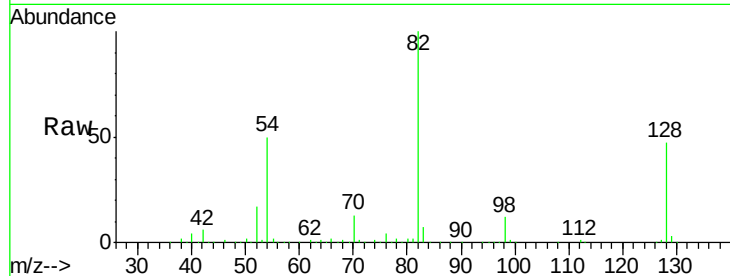
ClientSampleId :

NM18-COMP-2020-0-6RE

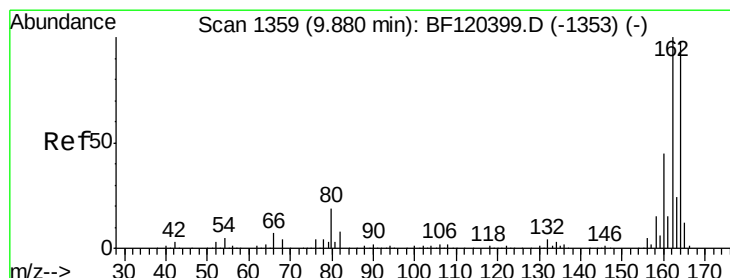
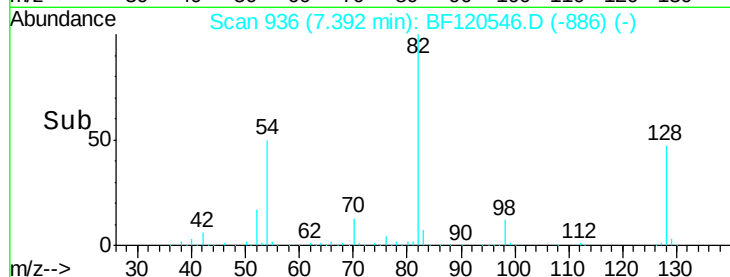
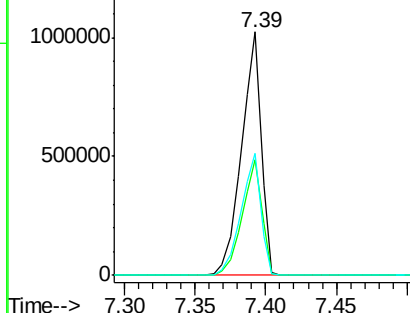
Tot Ion:	82	Resp:	993761
Ion Ratio	Lower	Upper	
82	100		
128	47.4	36.7	55.1
54	50.1	40.0	60.0

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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

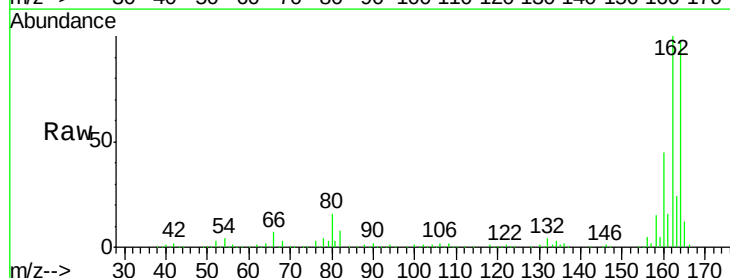
RT: 9.87 min Scan# 1357

Delta R.T. -0.00 min

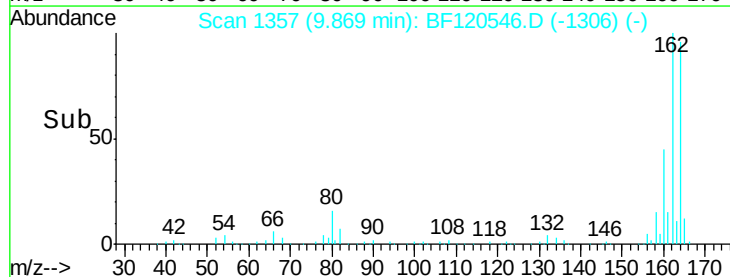
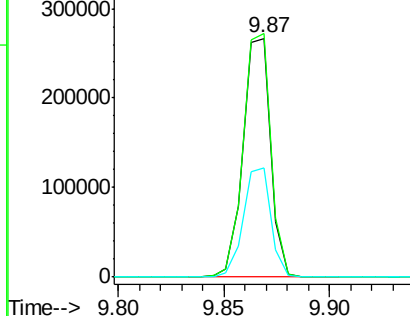
Lab File: BF120546.D

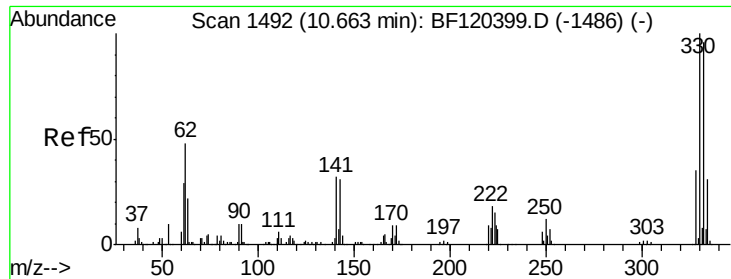
Acq: 4 Jun 2020 21:09

Tgt Ion:	164	Resp:	241492
Ion Ratio	Lower	Upper	
164	100		
162	102.0	81.2	121.8
160	45.9	37.0	55.4



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





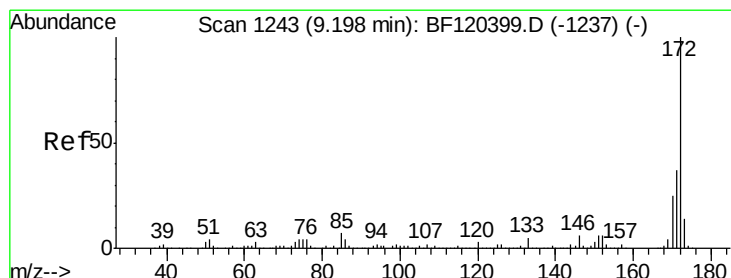
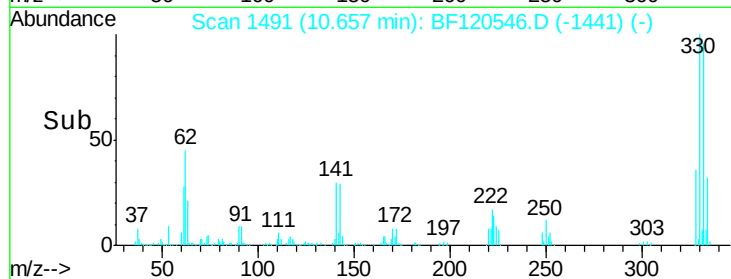
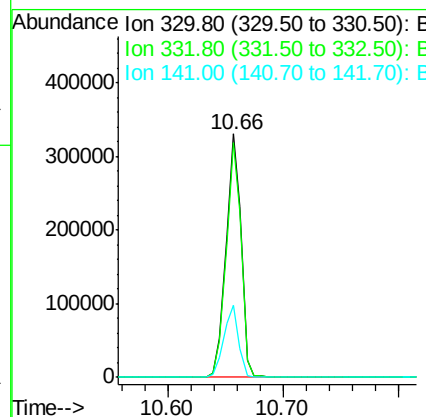
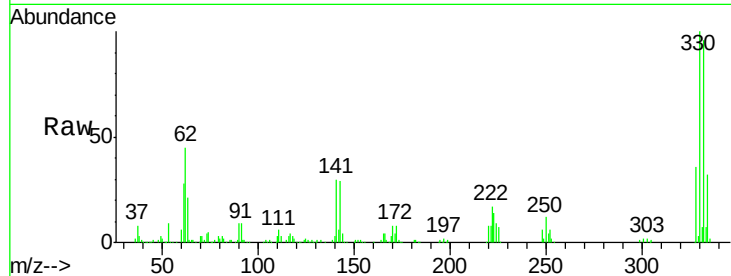
#42
 2,4,6-Tribromophenol
 Concen: 134.042 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120546.D
 Acq: 4 Jun 2020 21:09

Instrument :
 BNA_F
 ClientSampleId :
 NM18-COMP-2020-0-6RE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	299923		
332	96.3	77.0	115.4	
141	29.2	23.8	35.8	

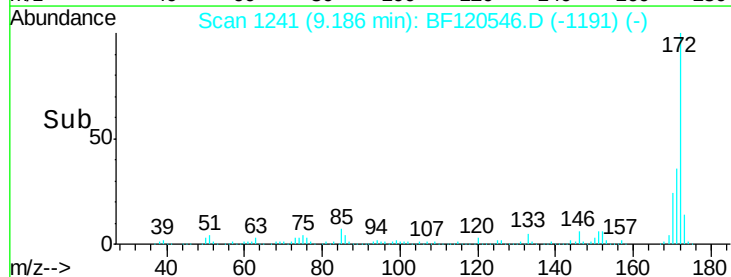
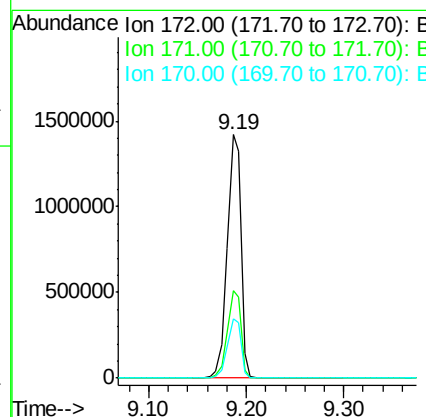
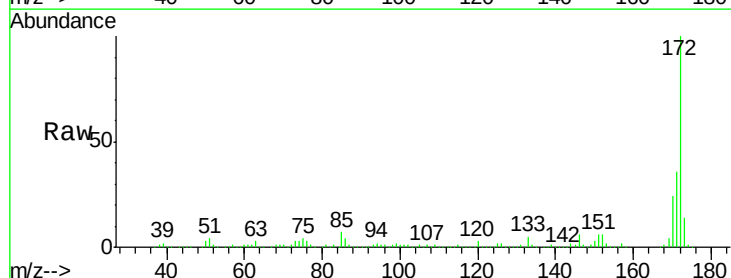
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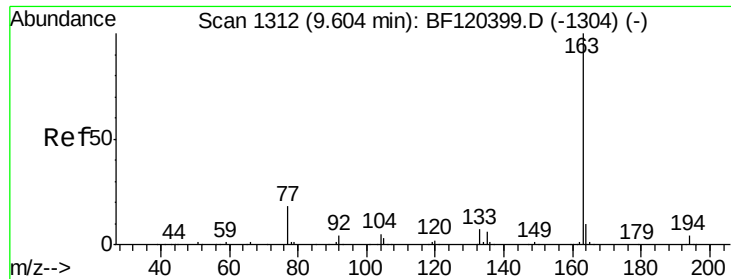
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#45
 2-Fluorobiphenyl
 Concen: 97.222 ng
 RT: 9.19 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF120546.D
 Acq: 4 Jun 2020 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1383765		
171	35.8	29.5	44.3	
170	24.4	19.8	29.6	





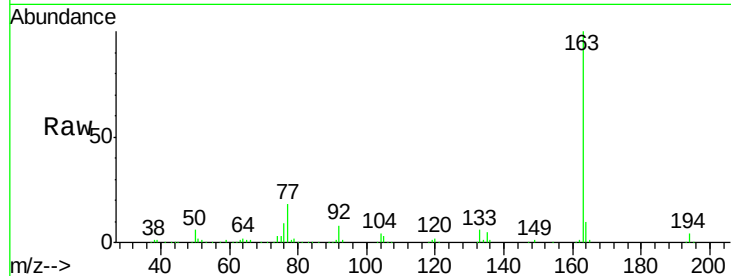
#50
Dimethylphthalate
Concen: 14.556 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF120546.D
Acq: 4 Jun 2020 21:09

Instrument :
BNA_F
ClientSampleId :
NM18-COMP-2020-0-6RE

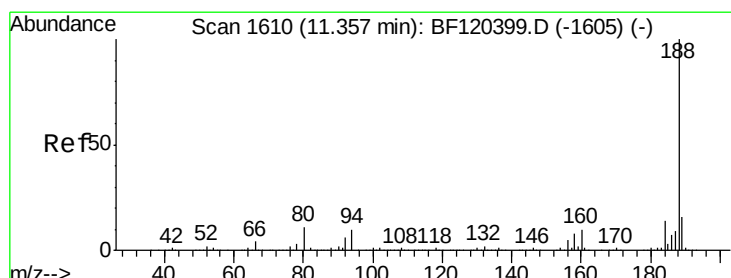
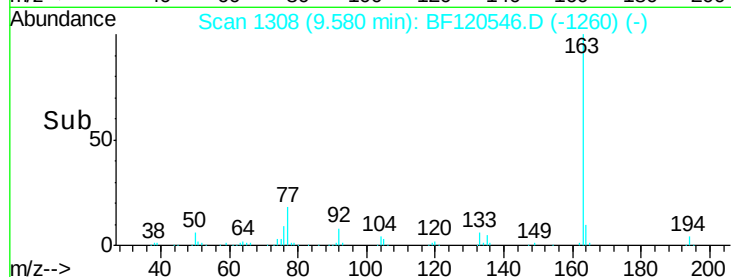
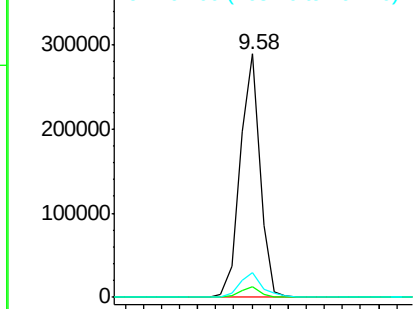
Tot Ion	Ratio	Resp	Lower	Upper
163	100	219753		
194	4.1		3.1	4.7
164	10.0		8.0	12.0

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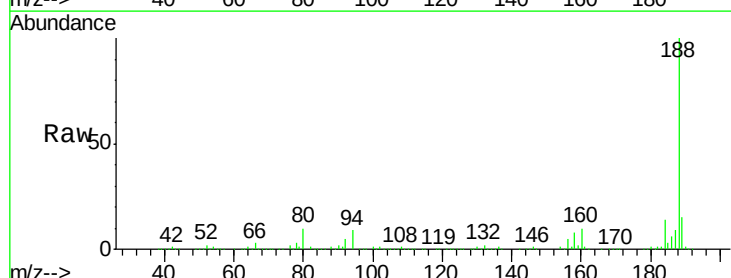


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

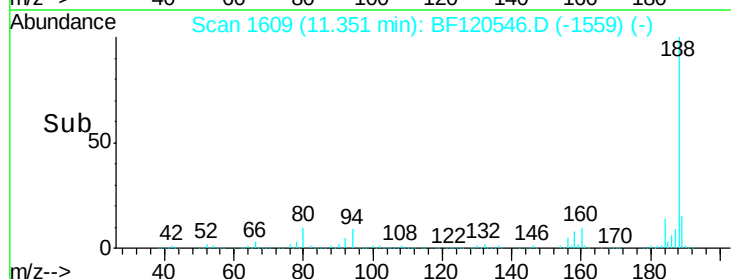
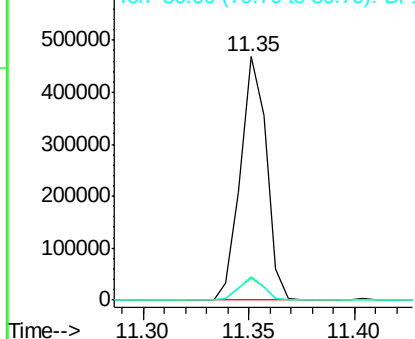


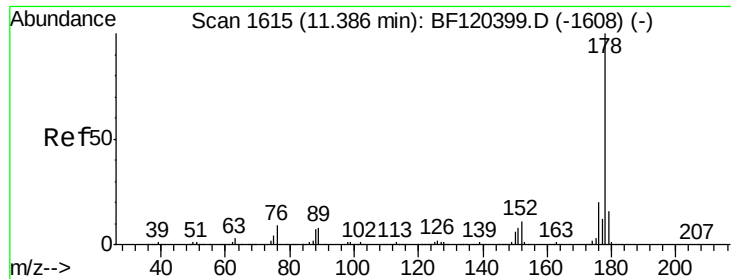
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF120546.D
Acq: 4 Jun 2020 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	399465		
94	8.9		7.4	11.2
80	9.8		7.6	11.4



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





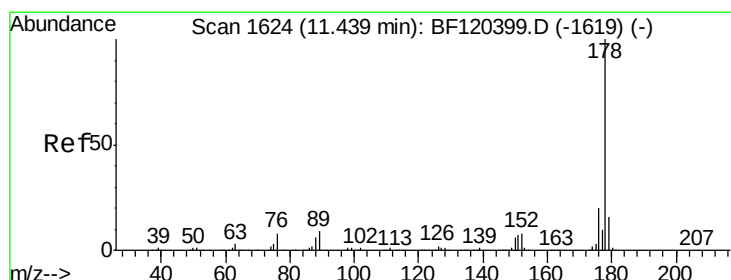
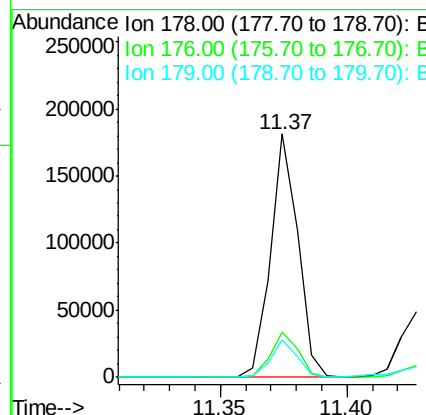
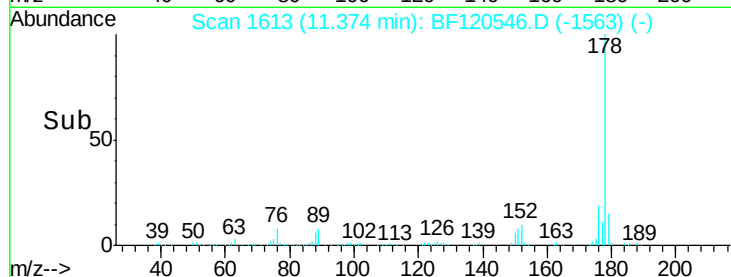
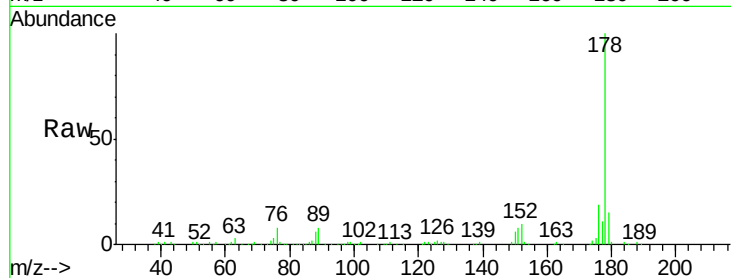
#71
Phenanthrene
Concen: 7.785 ng
RT: 11.37 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BF120546.D
Acq: 4 Jun 2020 21:09

Instrument :
BNA_F
ClientSampleId :
NM18-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.2
179	15.2	12.8	19.2

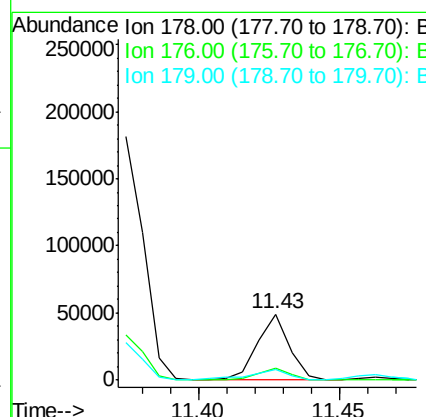
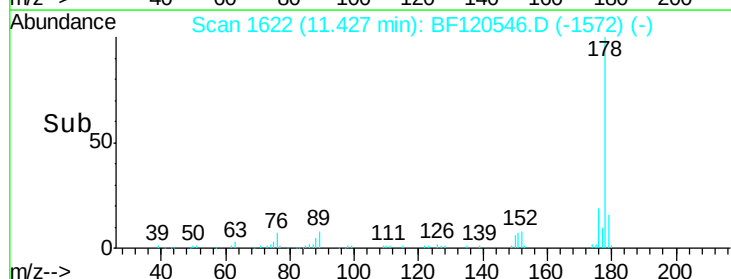
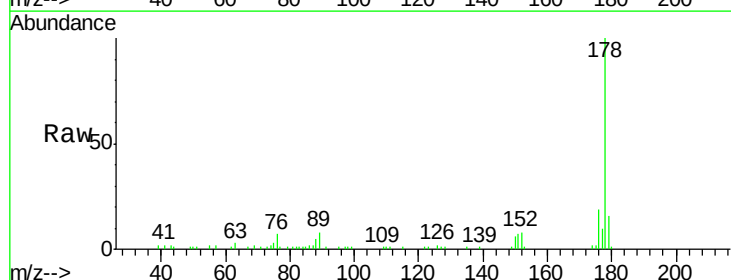
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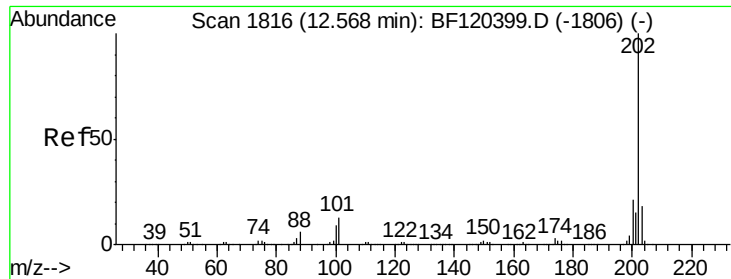
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#72
Anthracene
Concen: 2.141 ng
RT: 11.43 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF120546.D
Acq: 4 Jun 2020 21:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.6
179	15.5	12.9	19.3





#75

Fluoranthene

Concen: 15.622 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BF120546.D

Acq: 4 Jun 2020 21:09

Instrument :

BNA_F

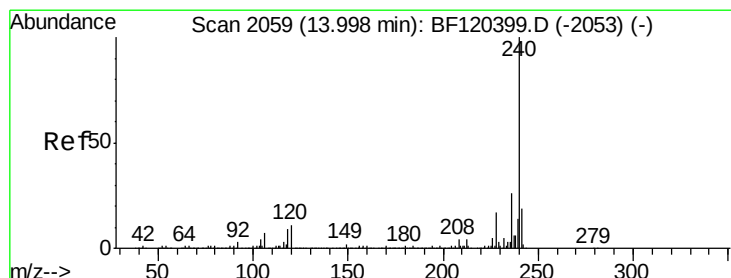
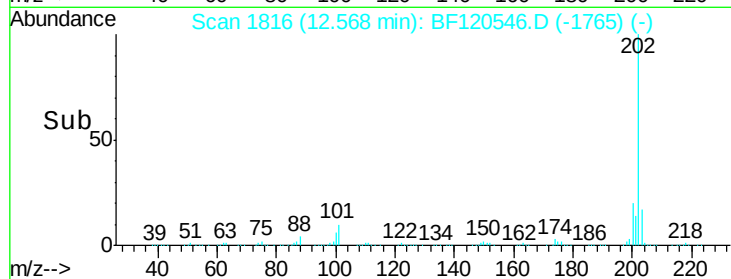
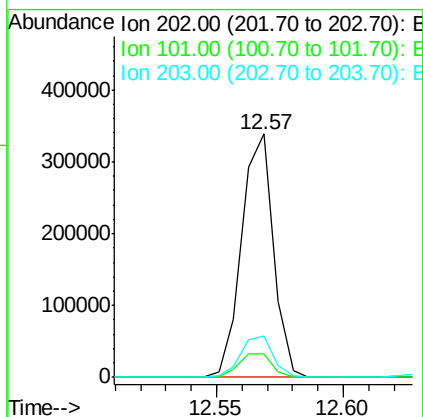
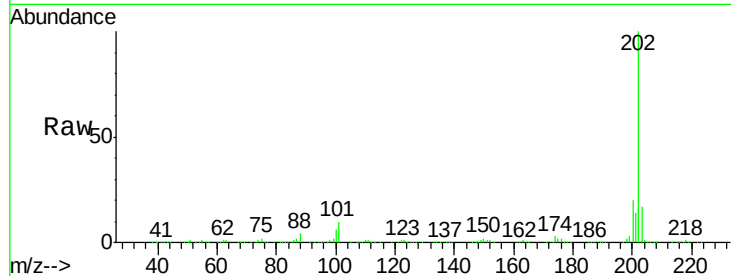
ClientSampleId :

NM18-COMP-2020-0-6RE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.5	0.0	31.3
203	16.9	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

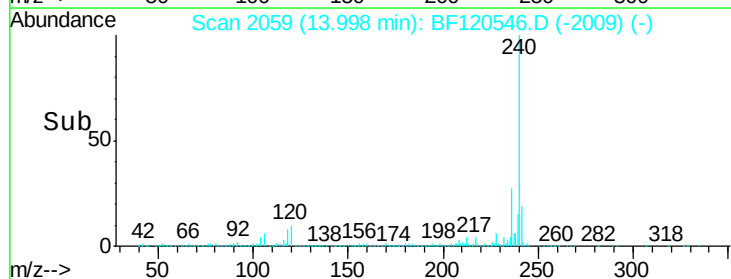
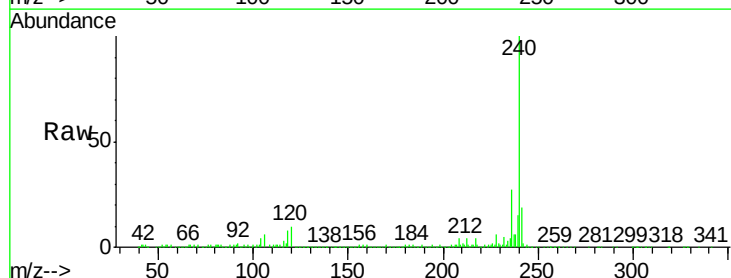
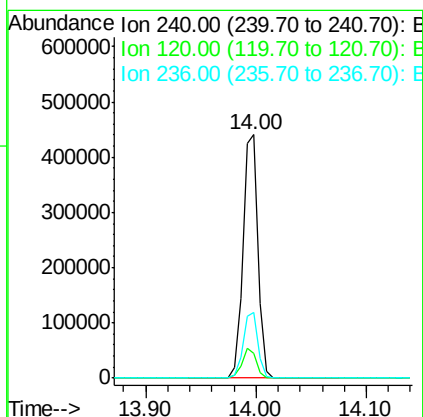
RT: 14.00 min Scan# 2059

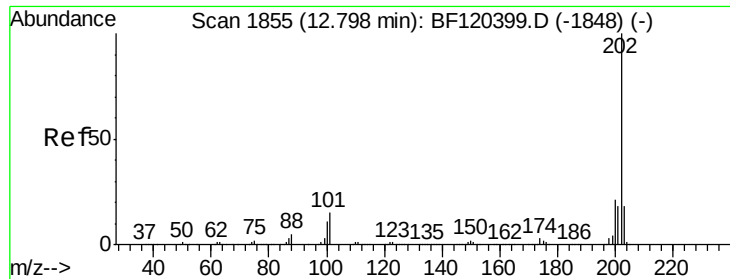
Delta R.T. -0.01 min

Lab File: BF120546.D

Acq: 4 Jun 2020 21:09

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.1	7.7	11.5
236	26.9	20.8	31.2





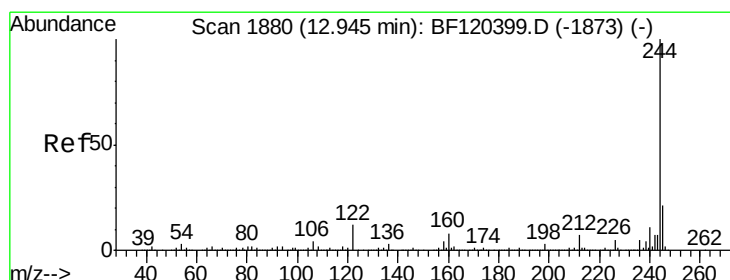
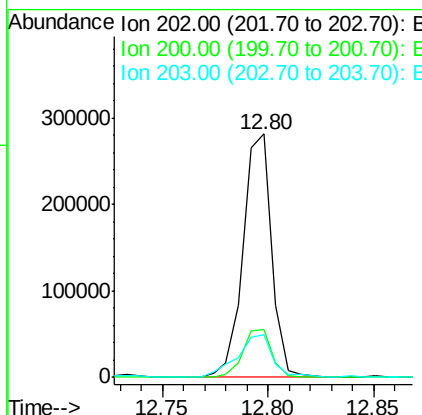
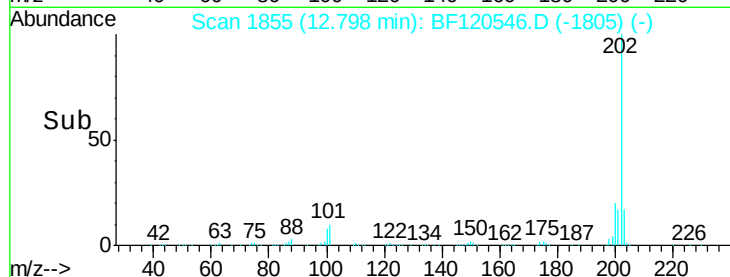
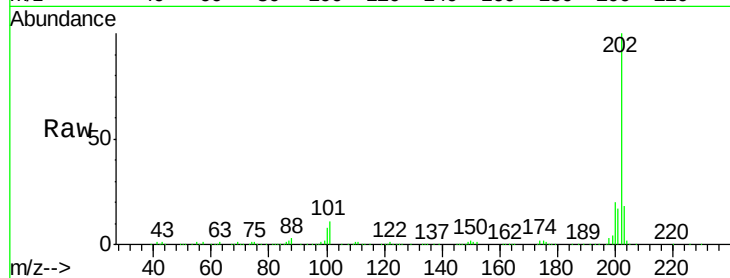
#78
Pvrene
Concen: 9.028 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF120546.D
Acq: 4 Jun 2020 21:09

Instrument :
BNA_F
ClientSampleId :
NM18-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.0	25.6
203	17.6	14.2	21.2

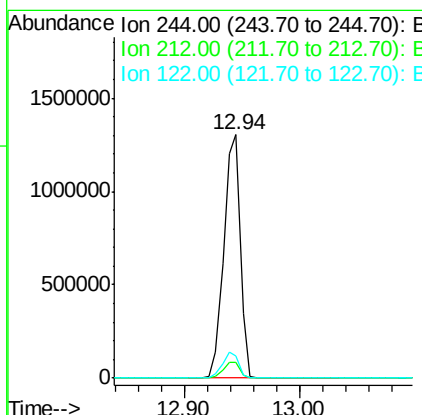
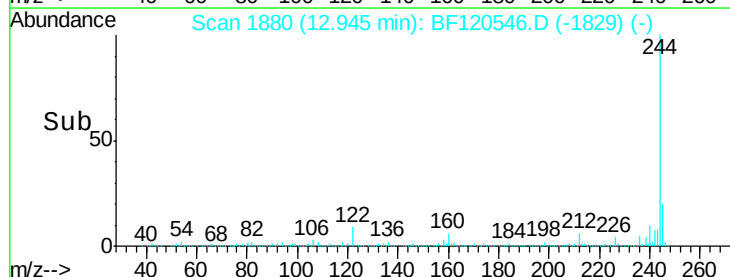
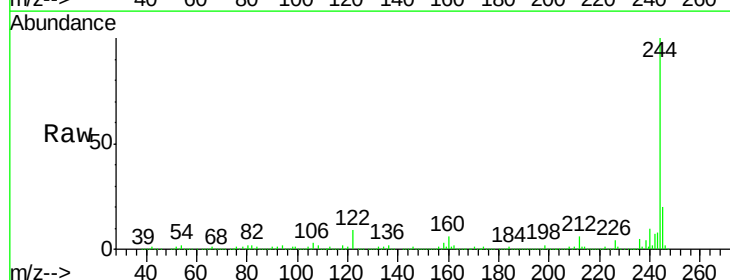
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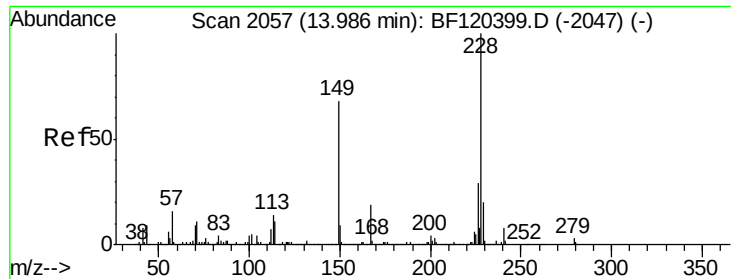
mohammad
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#79
Terphenyl-d14
Concen: 68.223 ng
RT: 12.94 min Scan# 1880
Delta R.T. -0.00 min
Lab File: BF120546.D
Acq: 4 Jun 2020 21:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	9.4	8.0	12.0





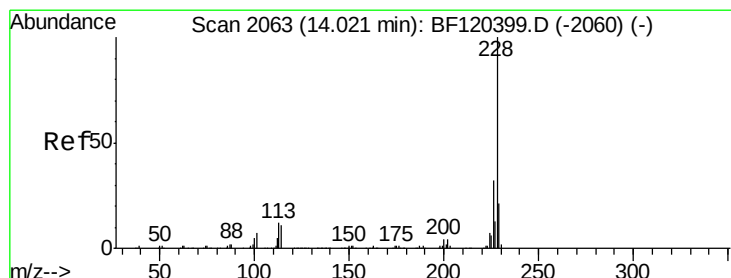
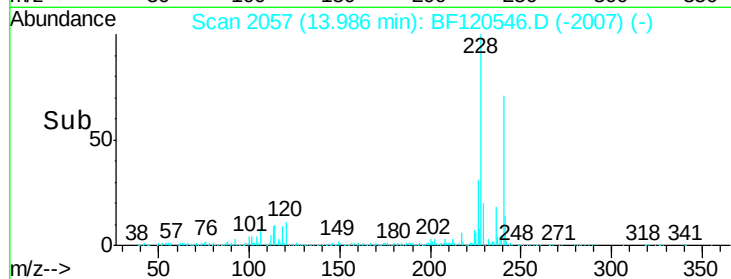
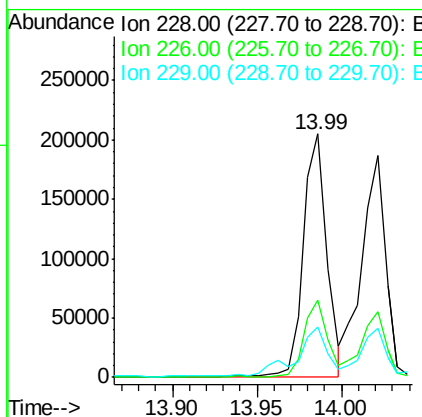
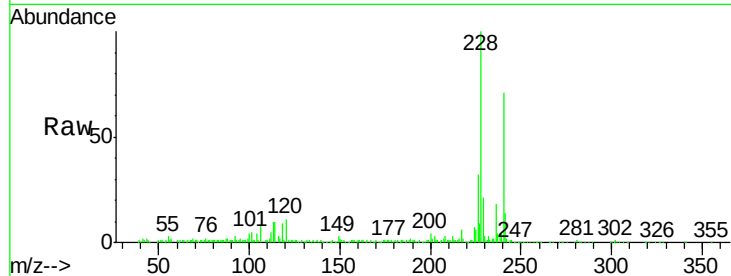
#81
Benzo(a)anthracene
Concen: 8.740 ng
RT: 13.99 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BF120546.D
Acq: 4 Jun 2020 21:09

Instrument :
BNA_F
ClientSampleId :
NM18-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.4	33.6
229	20.5	16.2	24.2

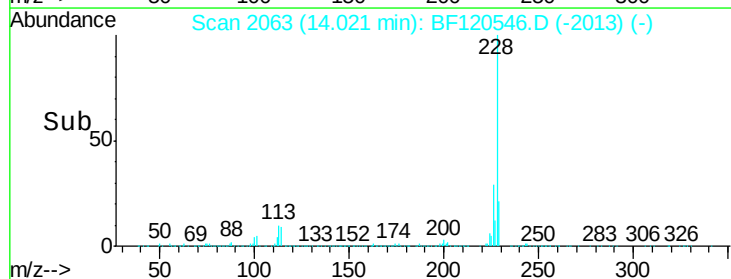
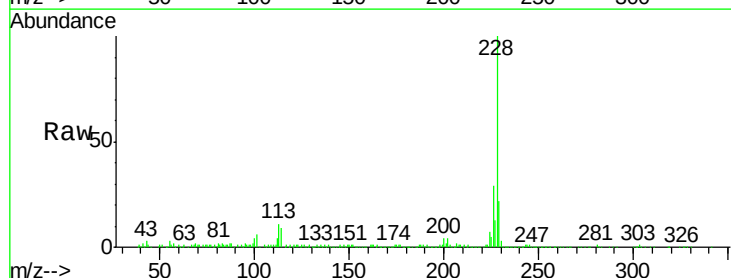
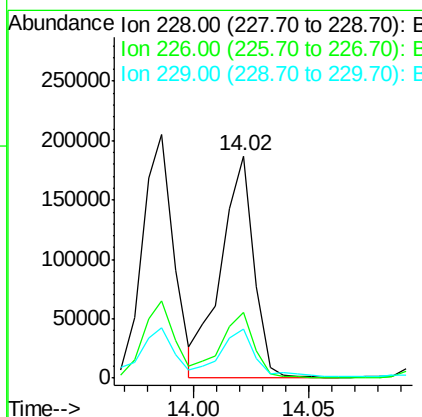
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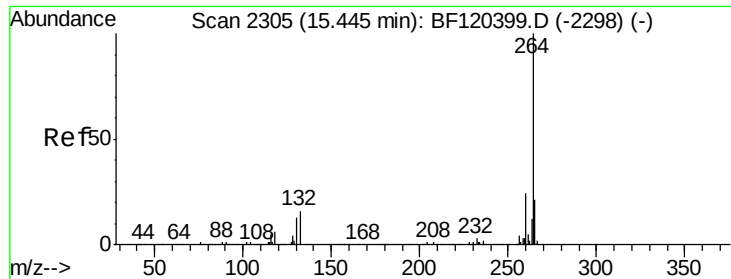
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#83
Chrysene
Concen: 7.837 ng
RT: 14.02 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BF120546.D
Acq: 4 Jun 2020 21:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.6	38.4
229	22.0	16.2	24.2





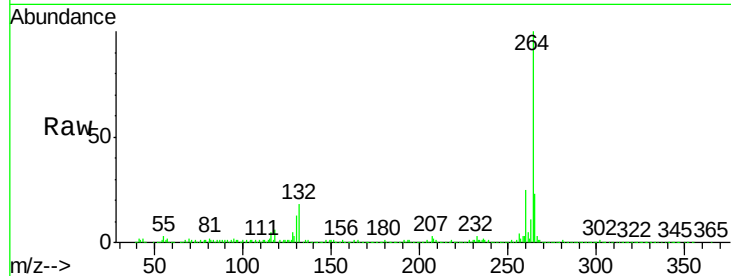
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BF120546.D
Acq: 4 Jun 2020 21:09

Instrument :
BNA_F
ClientSampleId :
NM18-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.7	17.5	26.3

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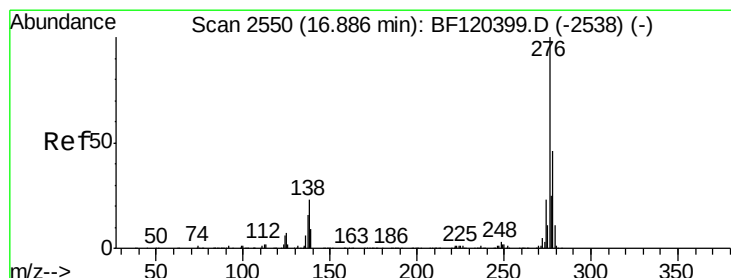
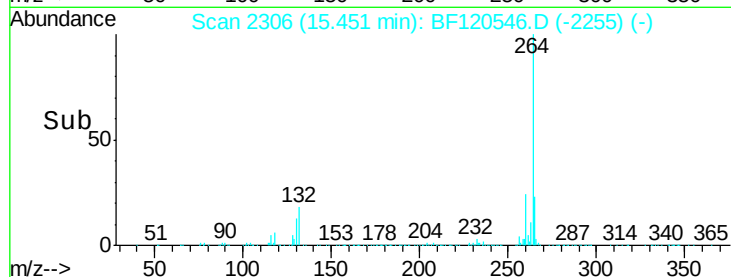
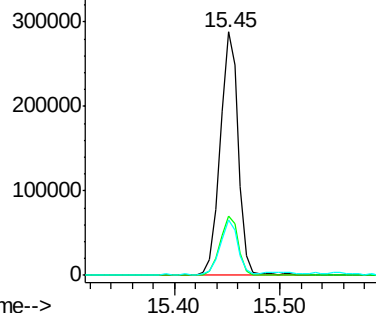


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.249 ng
RT: 16.89 min Scan# 2551
Delta R.T. -0.01 min
Lab File: BF120546.D
Acq: 4 Jun 2020 21:09

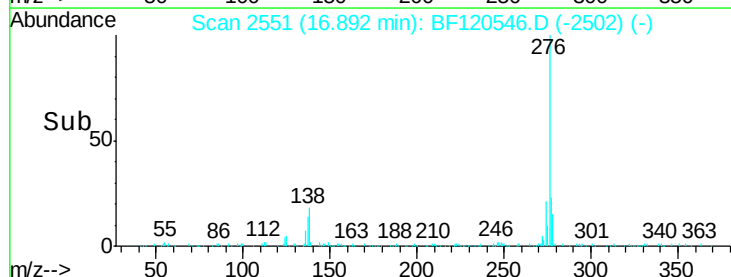
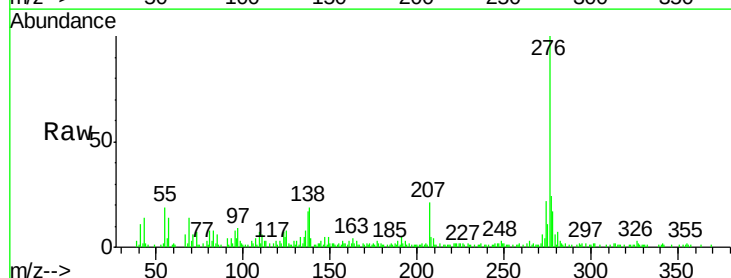
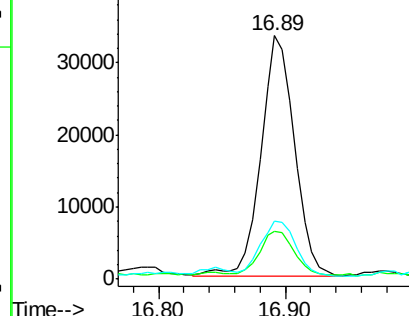
Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	19.2	28.8
277	24.4	20.3	30.5

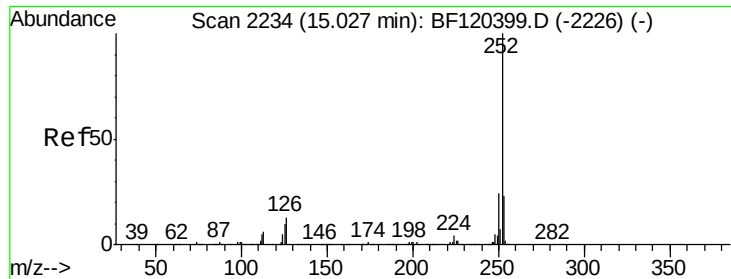
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





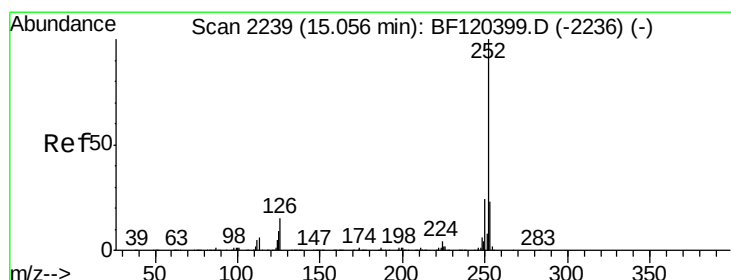
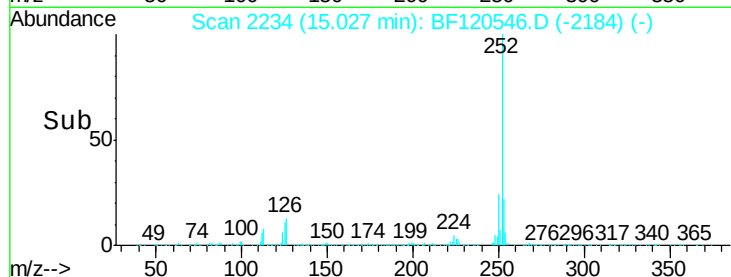
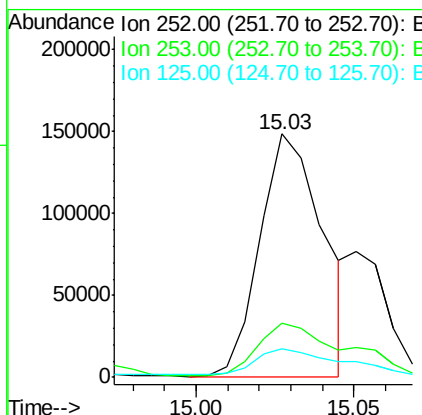
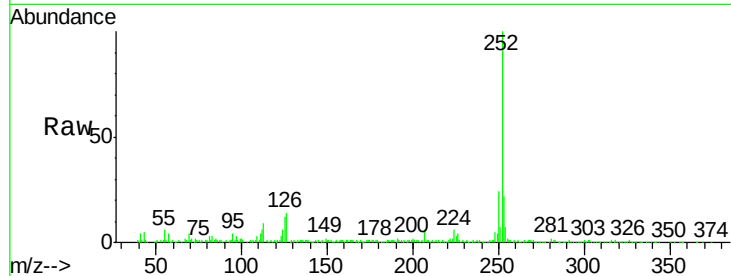
#88
Benzo(b)fluoranthene
Concen: 10.756 ng m
RT: 15.03 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF120546.D
Acq: 4 Jun 2020 21:09

Instrument :
BNA_F
ClientSampleId :
NM18-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	11.9	8.3	12.5

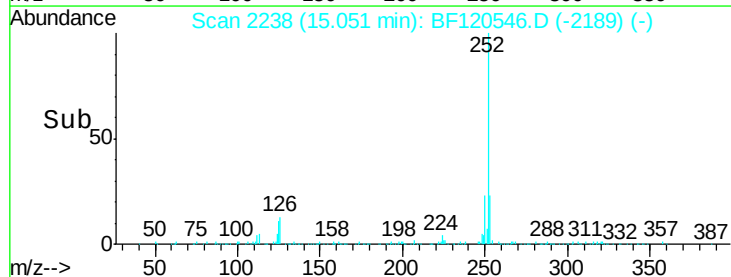
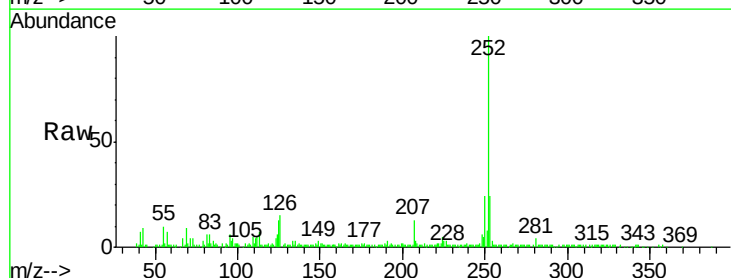
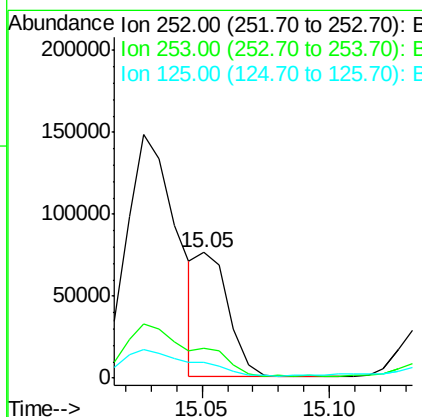
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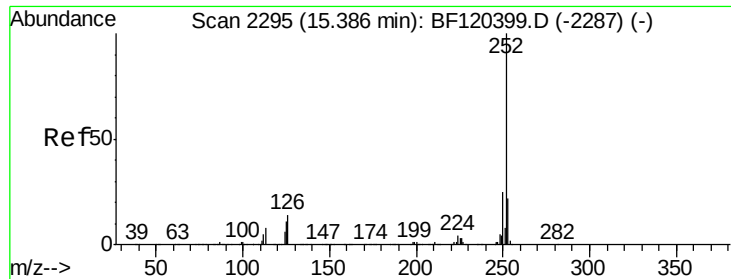
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#89
Benzo(k)fluoranthene
Concen: 3.566 ng m
RT: 15.05 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF120546.D
Acq: 4 Jun 2020 21:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.4	27.6
125	13.1	8.6	13.0#





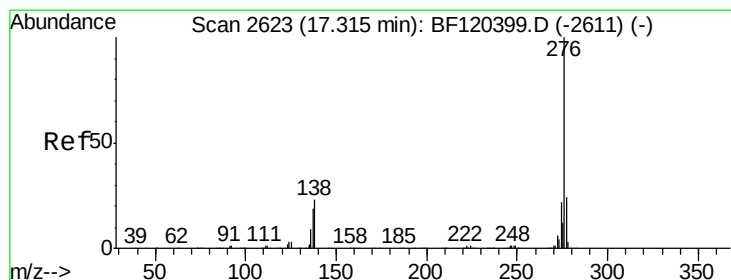
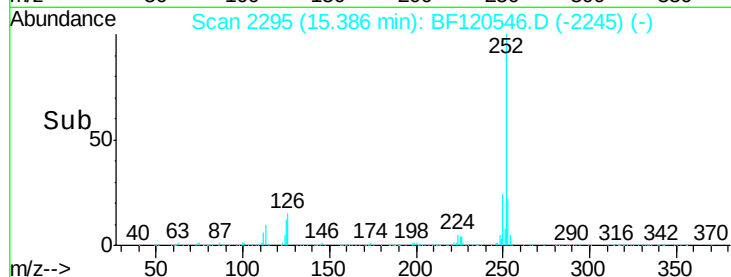
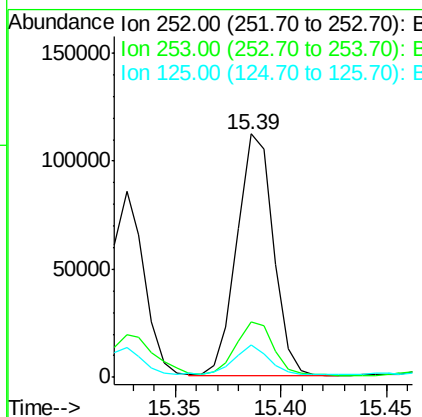
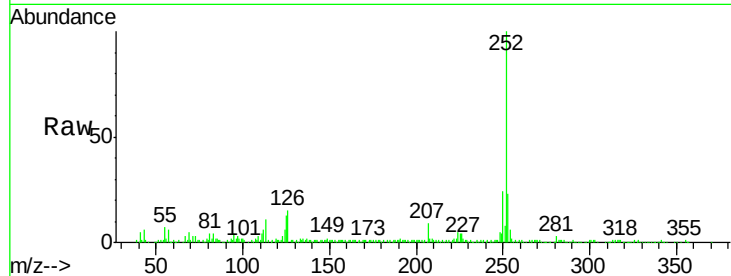
#90
Benzo(a)pyrene
Concen: 8.038 ng
RT: 15.39 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF120546.D
Acq: 4 Jun 2020 21:09

Instrument :
BNA_F
ClientSampleId :
NM18-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	13.3	9.6	14.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.716 ng
RT: 17.33 min Scan# 2626
Delta R.T. -0.01 min
Lab File: BF120546.D
Acq: 4 Jun 2020 21:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.3	28.9
138	19.1	16.9	25.3

