

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
 Data File : BF120540.D
 Acq On : 4 Jun 2020 18:20
 Operator : JU/CG
 Sample : L2839-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM1-COMP-2020-0-6

Manual Integrations
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mohammad
 6/5/2020 11:57:42 AM

Quant Time: Jun 04 19:03:57 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	206376	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	776236	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	385794	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	650722	20.00	ng	0.00
76) Chrysene-d12	13.99	240	495902	20.00	ng	-0.01
86) Perylene-d12	15.45	264	444207	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	901331	83.23	ng	0.00
7) Phenol-d6	6.46	99	1149273	86.10	ng	0.00
23) Nitrobenzene-d5	7.39	82	774228	65.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	309547	86.60	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1419789	62.44	ng	0.00
79) Terphenyl-d14	12.94	244	1354103	60.76	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	233758	9.692	ng	100
71) Phenanthrene	11.37	178	151885	5.297	ng	99
75) Fluoranthene	12.56	202	314074	10.180	ng	98
78) Pyrene	12.79	202	300811	8.722	ng	99
81) Benzo(a)anthracene	13.98	228	171481	6.452	ng	98
83) Chrysene	14.02	228	160777	5.770	ng	96
84) Bis(2-ethylhexyl)phthalate	13.97	149	63636	3.765	ng	99
87) Indeno(1,2,3-cd)pyrene	16.89	276	78517	3.232	ng	98
88) Benzo(b)fluoranthene	15.03	252	213848m	8.667	ng	
89) Benzo(k)fluoranthene	15.05	252	58209m	2.527	ng	
90) Benzo(a)pyrene	15.39	252	134655	6.239	ng	100
92) Benzo(a,h,i)perylene	17.33	276	73013	3.737	ng	97

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

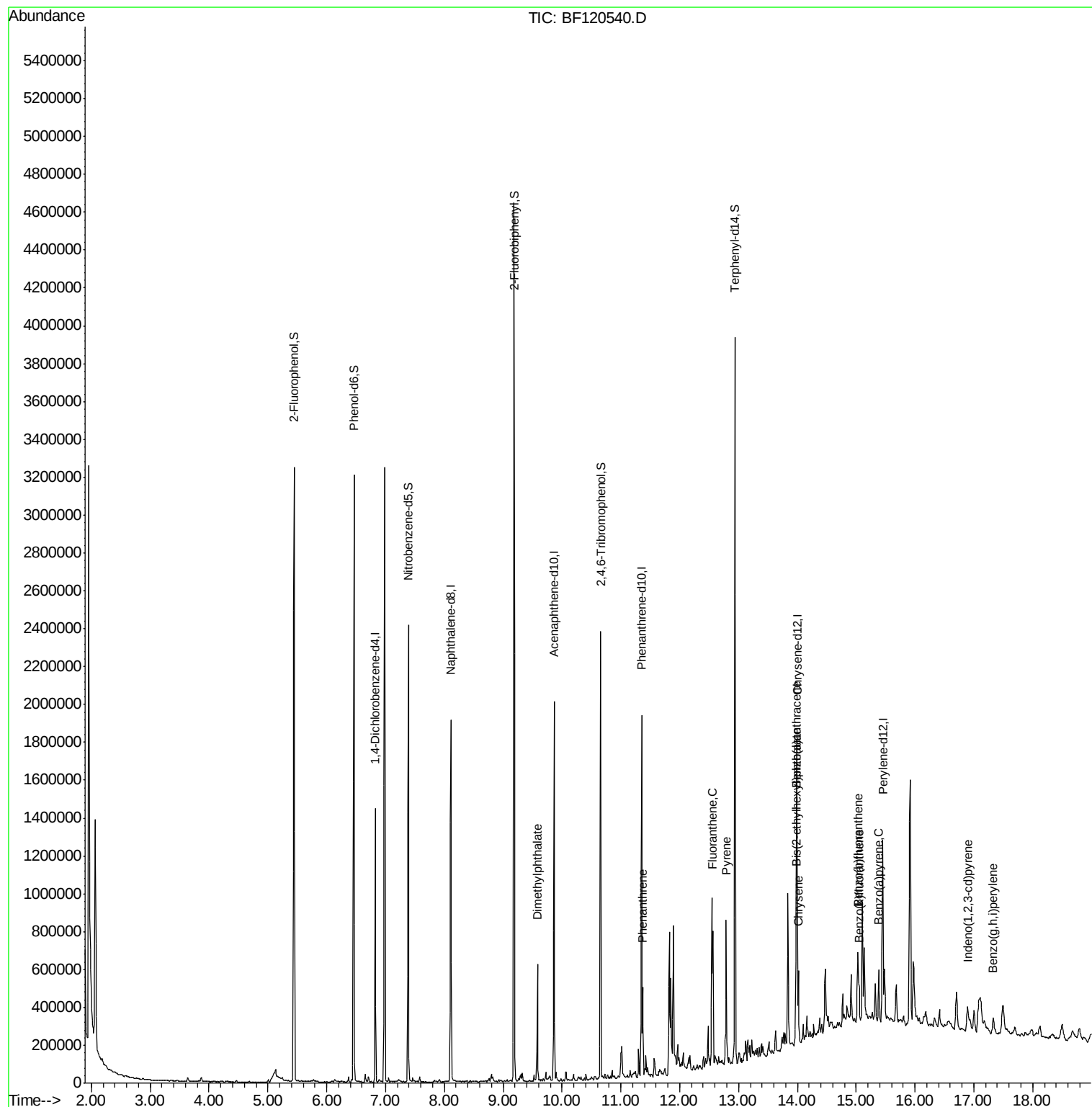
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
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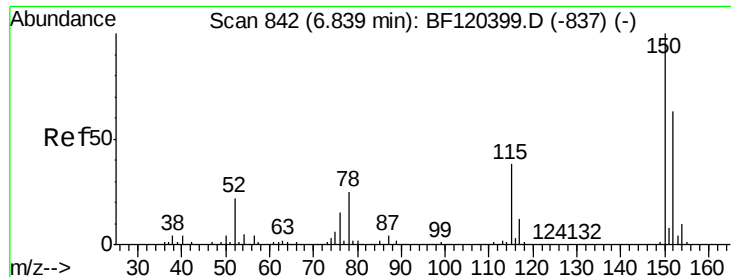
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

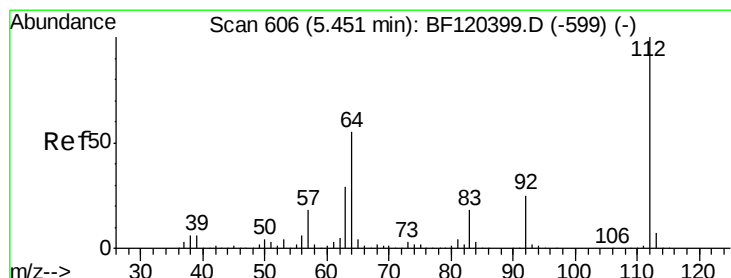
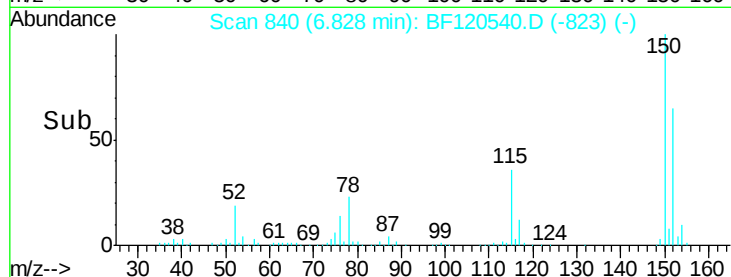
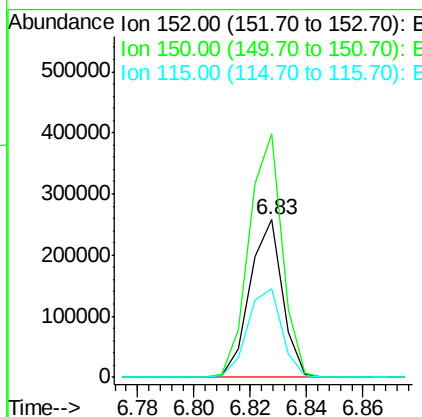
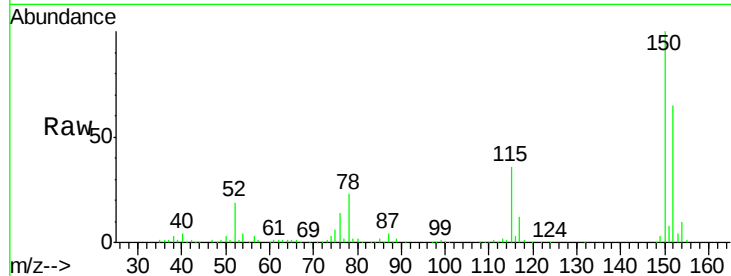
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF120540.D
Acq: 4 Jun 2020 18:20

Instrument :
BNA_F
ClientSampleId :
NM1-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.3	189.5
115	56.1	48.1	72.1

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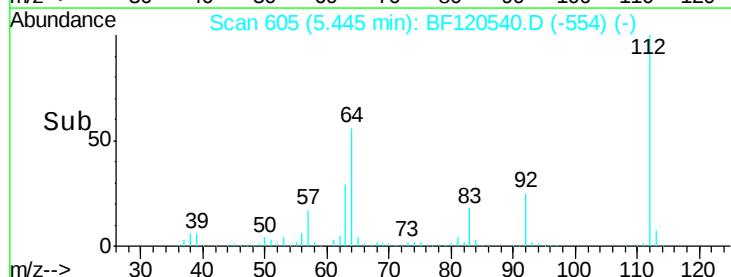
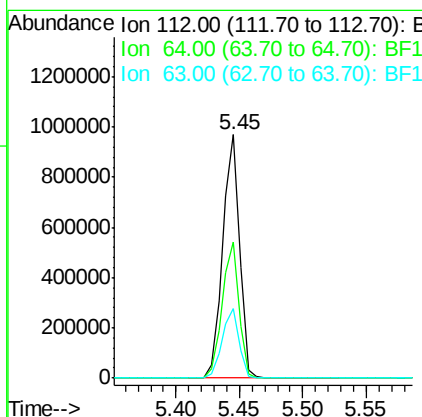
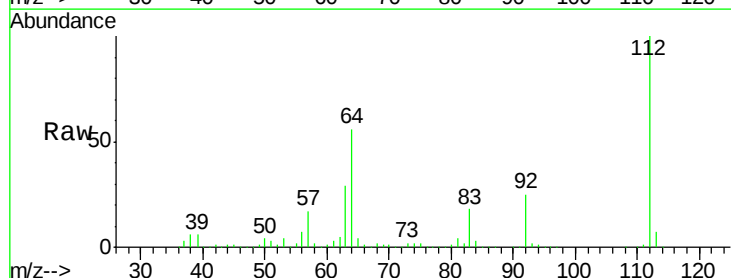
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#5

2-Fluorophenol
Concen: 83.232 ng
RT: 5.45 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF120540.D
Acq: 4 Jun 2020 18:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.2	70.8
63	28.6	24.7	37.1





#7

Phenol-d6

Concen: 86.103 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120540.D

Acq: 4 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

NM1-COMP-2020-0-6

Tot Ion: 99 Resp: 1149273

Ion Ratio Lower Upper

99 100

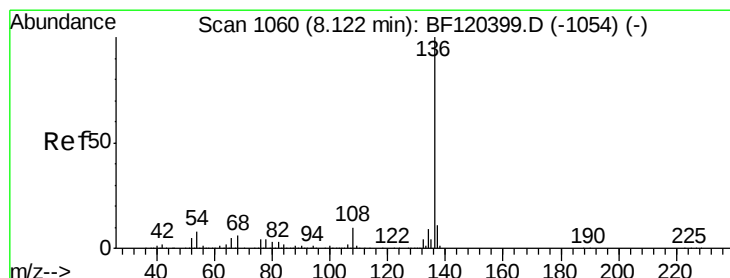
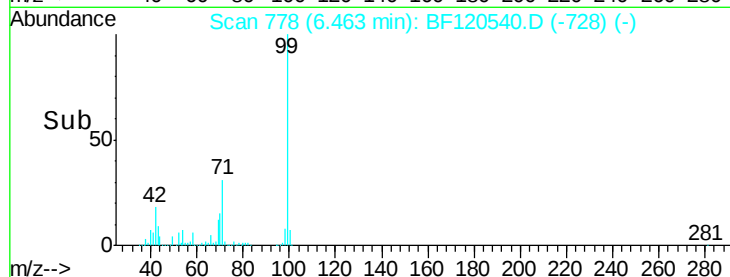
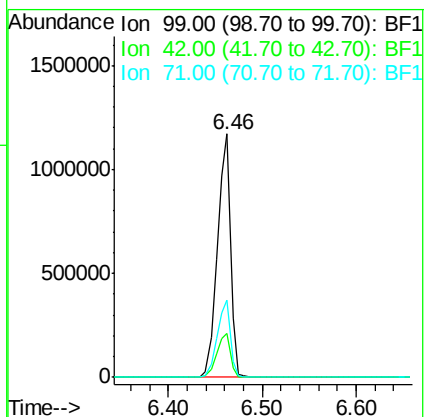
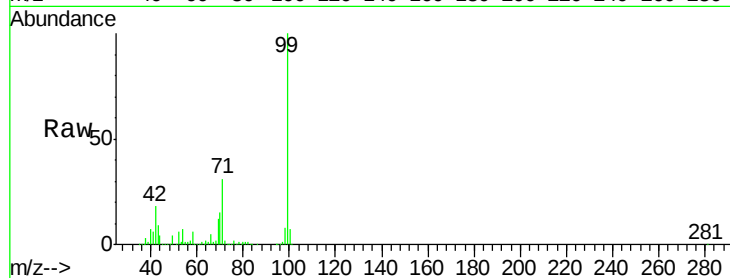
42 17.8 15.0 22.6

71 31.5 27.0 40.4

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF120540.D

Acq: 4 Jun 2020 18:20

Tgt Ion: 136 Resp: 776236

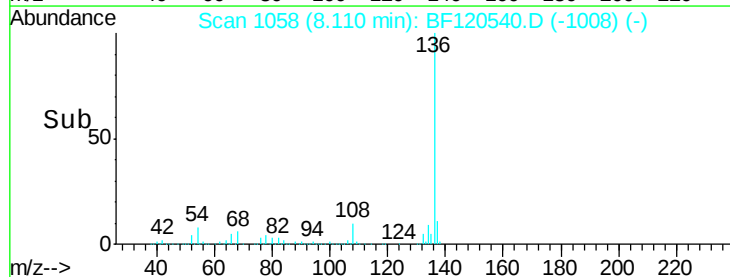
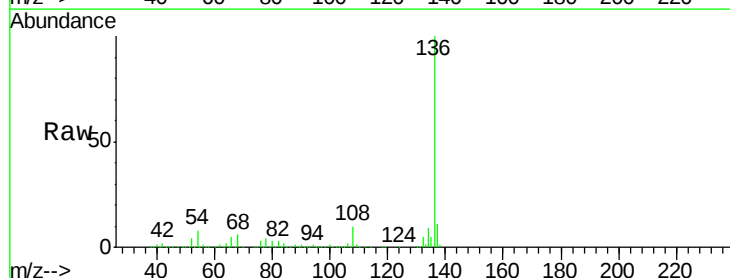
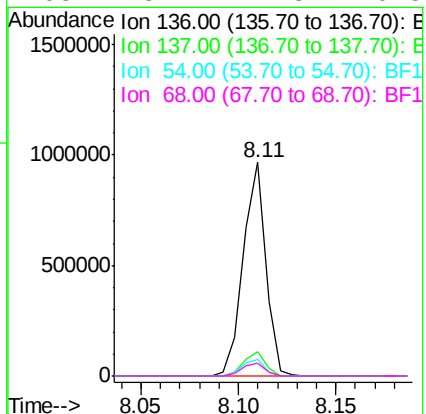
Ion Ratio Lower Upper

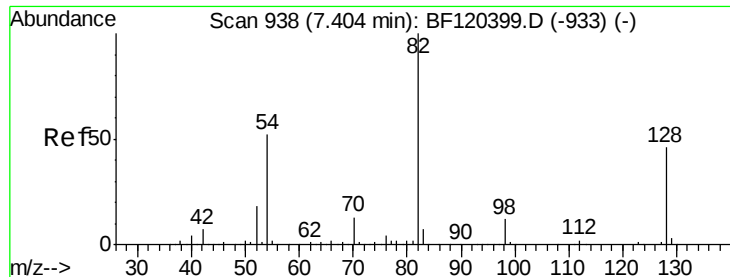
136 100

137 11.1 8.8 13.2

54 7.5 5.4 8.0

68 5.7 4.3 6.5





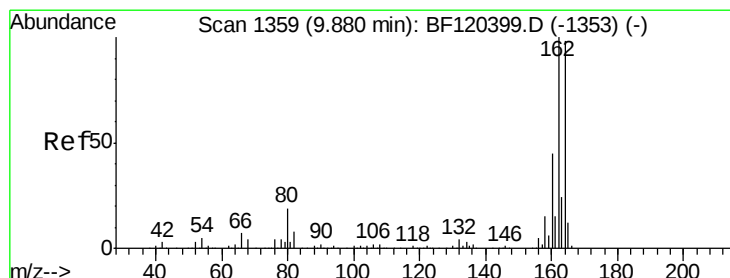
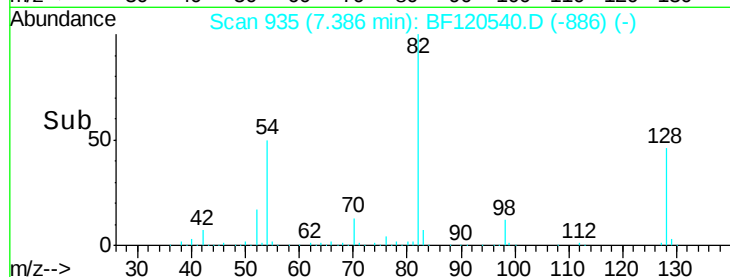
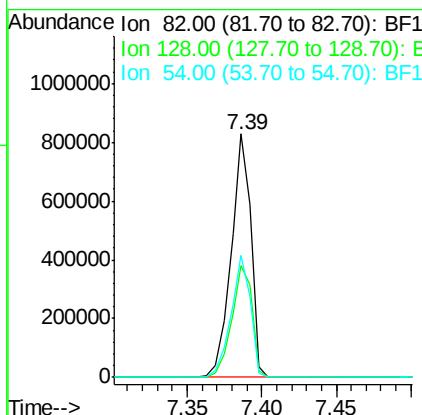
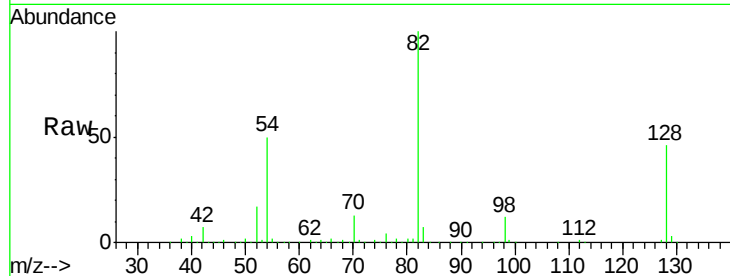
#23
Nitrobenzene-d5
Concen: 65.244 ng
RT: 7.39 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF120540.D
Acq: 4 Jun 2020 18:20

Instrument :
BNA_F
ClientSampleId :
NM1-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.7	55.1
54	50.3	40.0	60.0

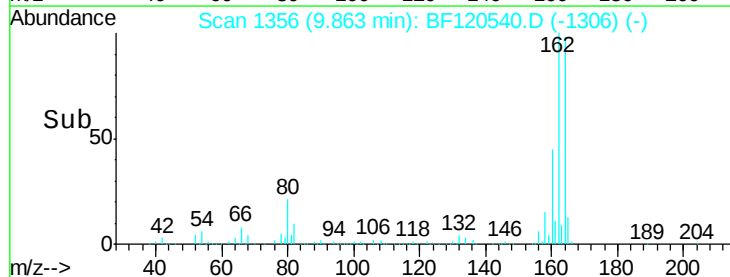
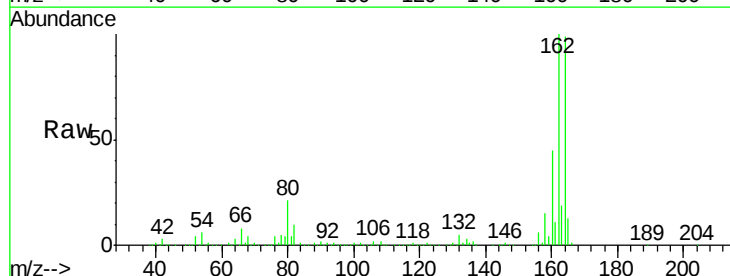
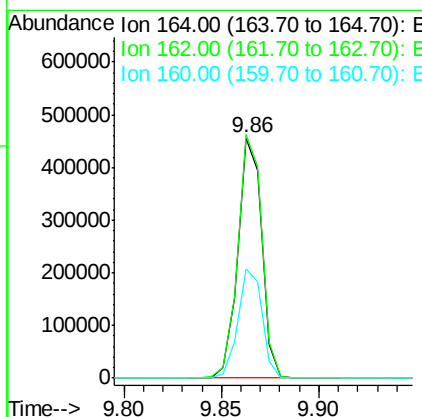
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF120540.D
Acq: 4 Jun 2020 18:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.2	121.8
160	45.6	37.0	55.4





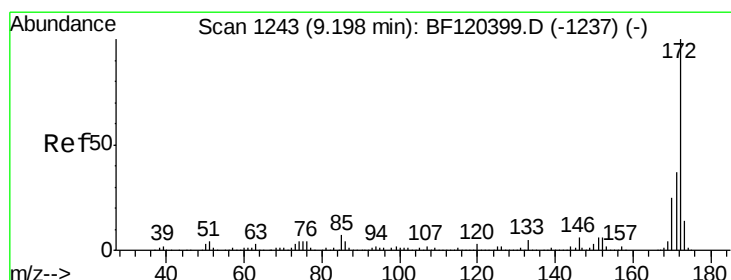
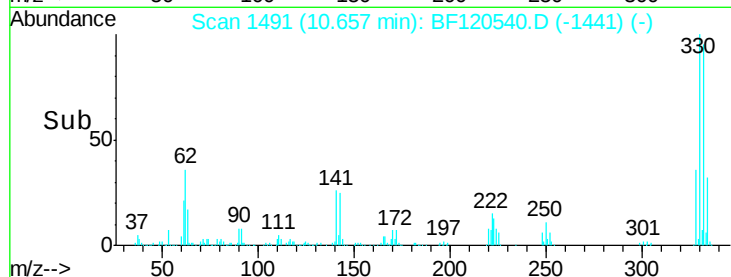
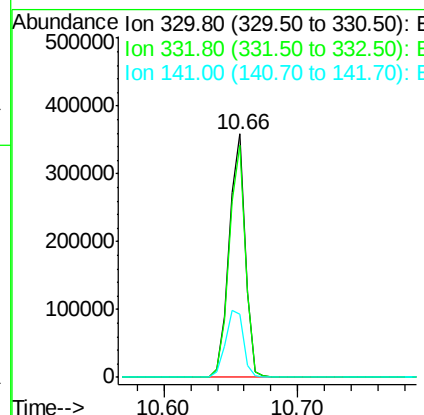
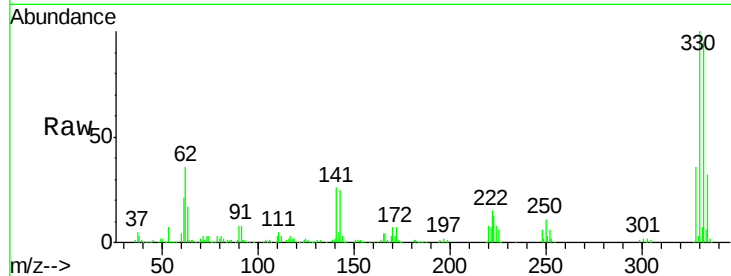
#42
 2,4,6-Tribromophenol
 Concen: 86.597 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120540.D
 Acq: 4 Jun 2020 18:20

Instrument :
 BNA_F
 ClientSampleId :
 NM1-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	309547		
332	95.6		77.0	115.4
141	30.9		23.8	35.8

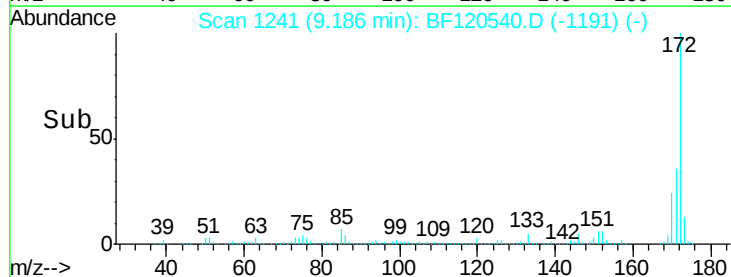
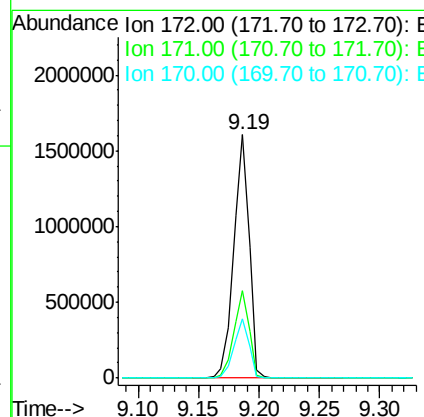
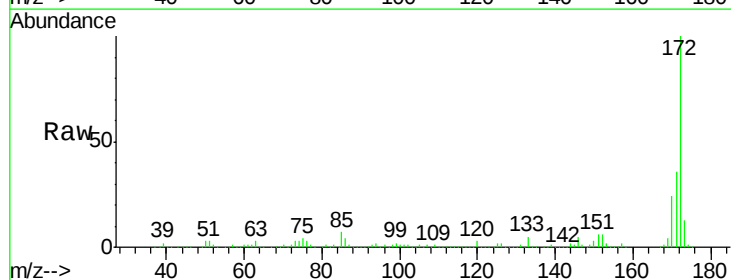
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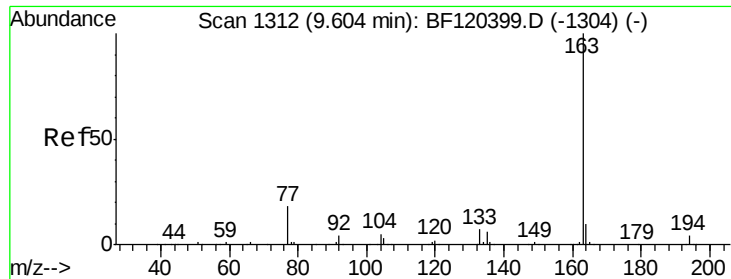
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#45
 2-Fluorobiphenyl
 Concen: 62.441 ng
 RT: 9.19 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF120540.D
 Acq: 4 Jun 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1419789		
171	36.0		29.5	44.3
170	24.4		19.8	29.6





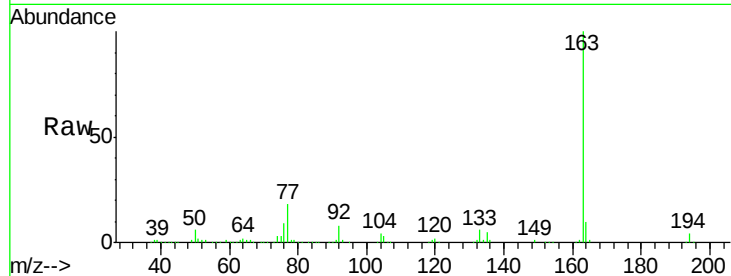
#50
Dimethylphthalate
Concen: 9.692 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF120540.D
Acq: 4 Jun 2020 18:20

Instrument :
BNA_F
ClientSampleId :
NM1-COMP-2020-0-6

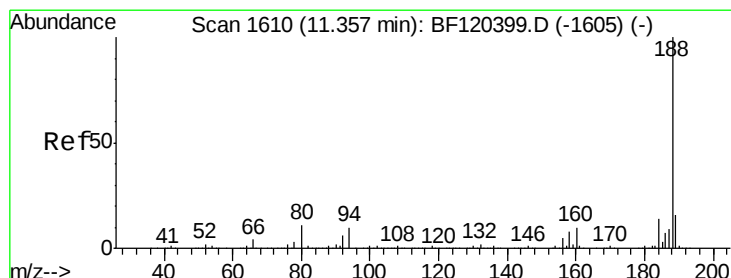
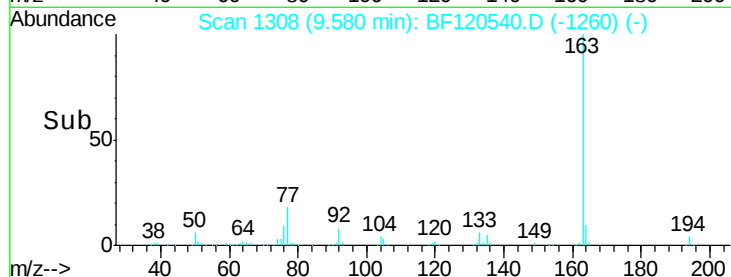
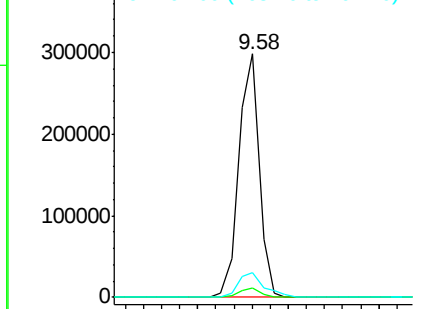
Tot Ion	Ratio	Resp	Lower	Upper
163	100	233758		
194	3.8		3.1	4.7
164	10.0		8.0	12.0

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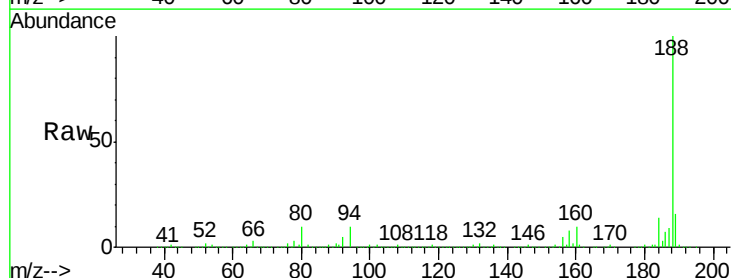


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

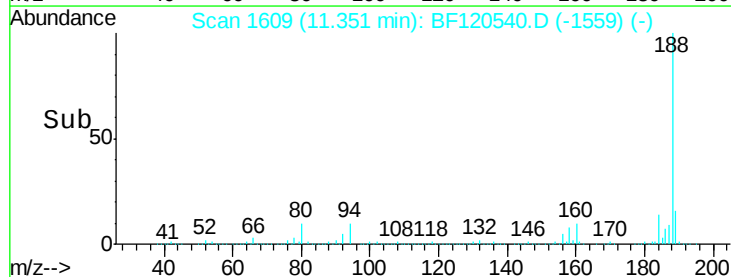
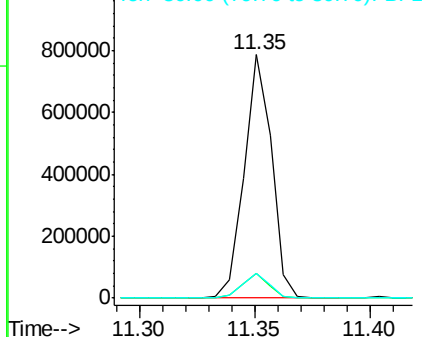


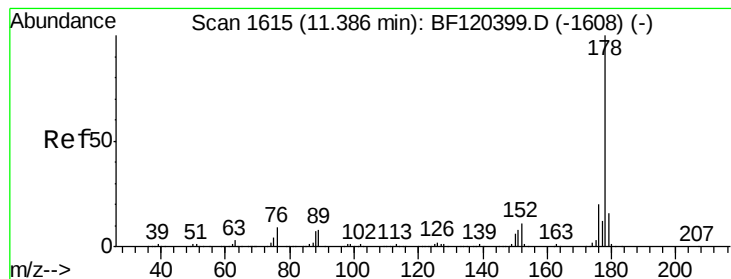
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF120540.D
Acq: 4 Jun 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	650722		
94	10.1		7.4	11.2
80	10.3		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: 5.297 ng

RT: 11.37 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BF120540.D

Acq: 4 Jun 2020 18:20

Instrument :

BNA_F

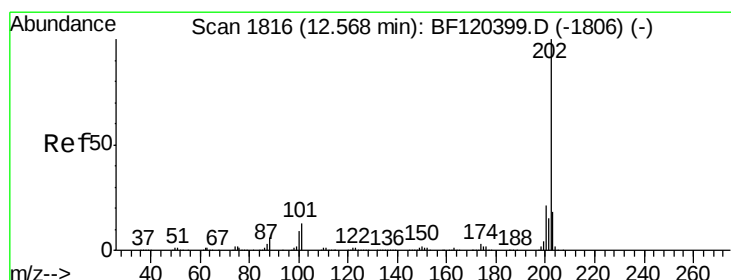
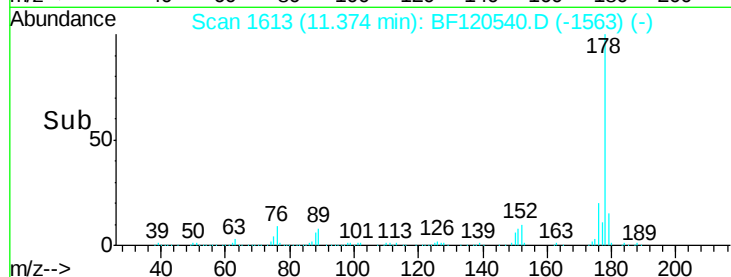
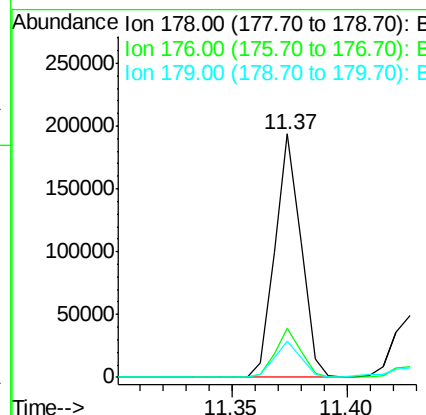
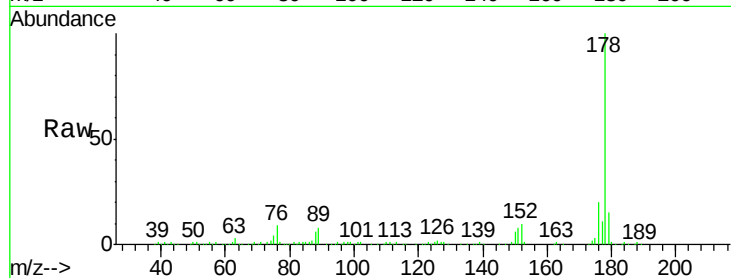
ClientSampleId :

NM1-COMP-2020-0-6

Tot Ion:	178	Resp:	151885
Ion Ratio	Lower	Upper	
178	100		
176	20.0	16.2	24.2
179	15.1	12.8	19.2

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#75

Fluoranthene

Concen: 10.180 ng

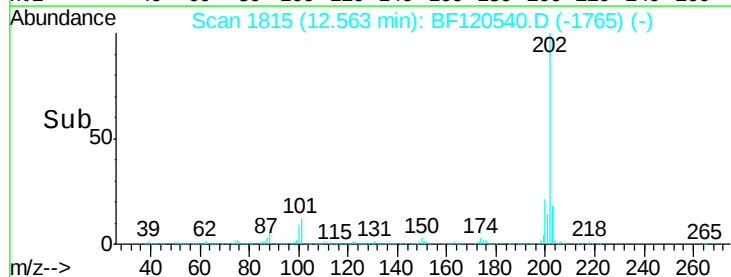
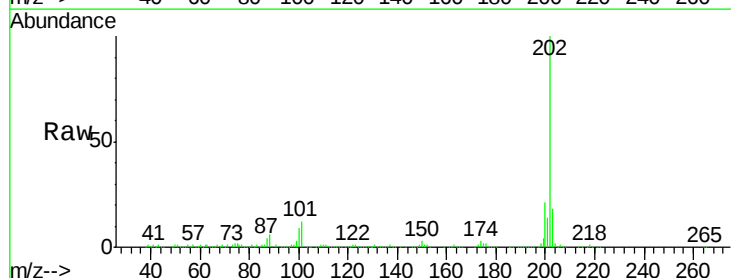
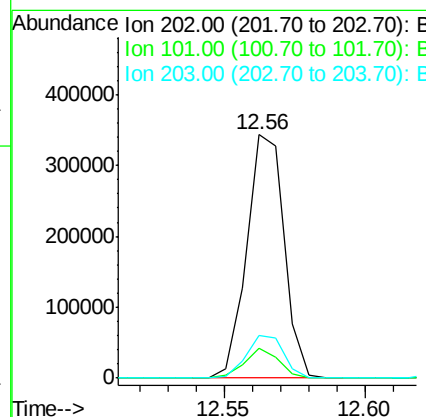
RT: 12.56 min Scan# 1815

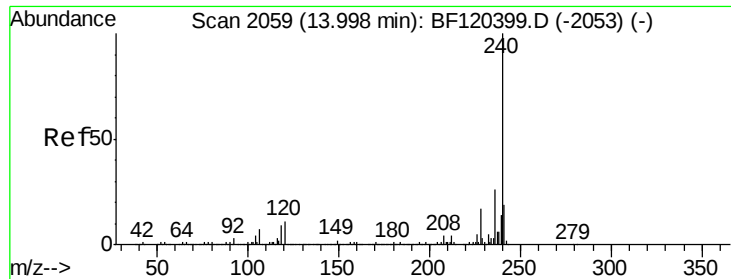
Delta R.T. -0.01 min

Lab File: BF120540.D

Acq: 4 Jun 2020 18:20

Tgt Ion:	202	Resp:	314074
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	31.3
203	17.8	0.0	38.4





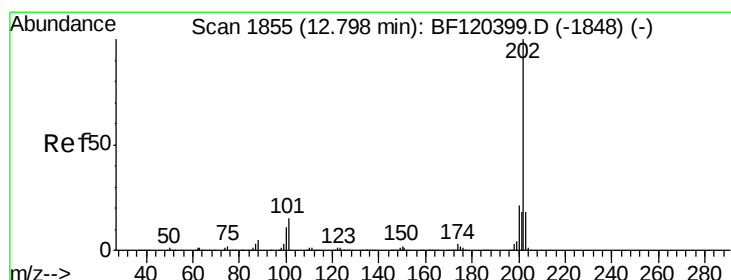
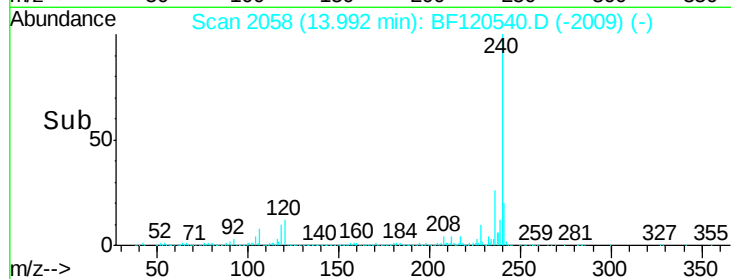
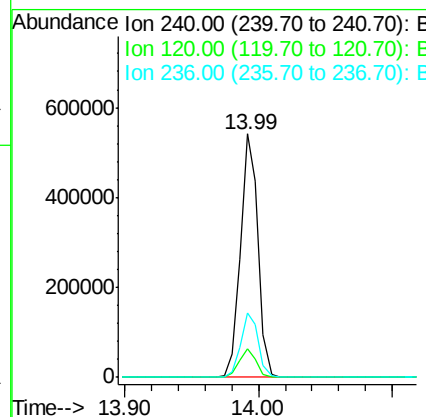
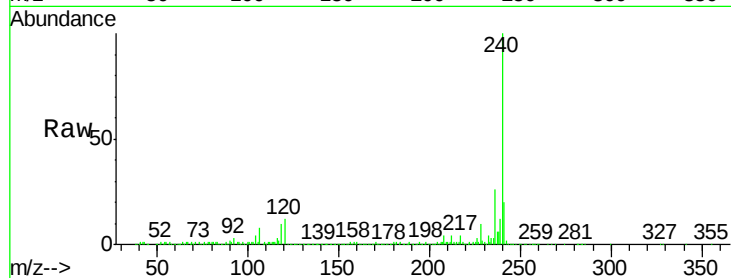
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF120540.D
Acq: 4 Jun 2020 18:20

Instrument :
BNA_F
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NM1-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	7.7	11.5#
236	26.5	20.8	31.2

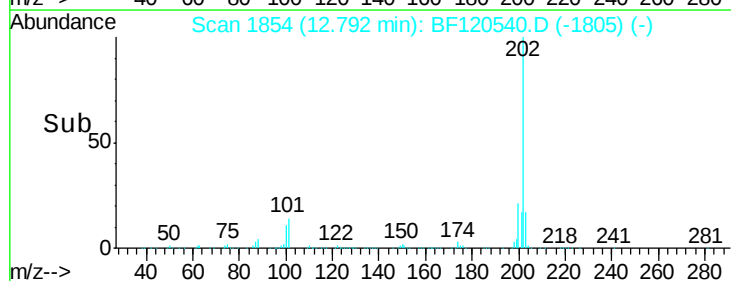
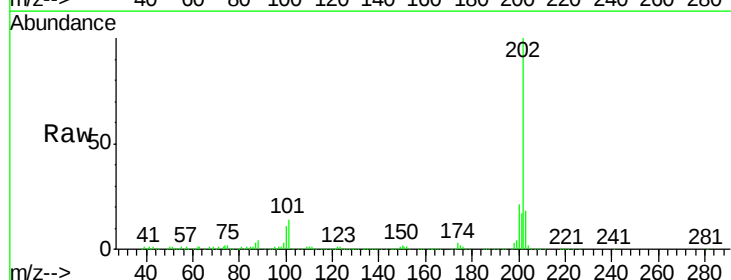
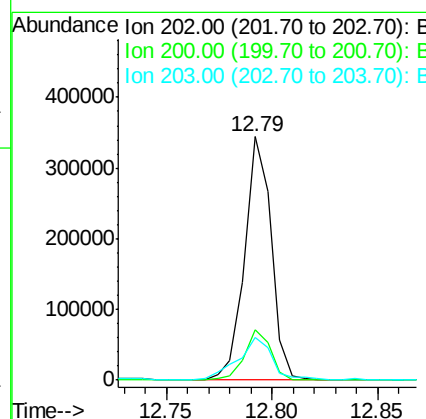
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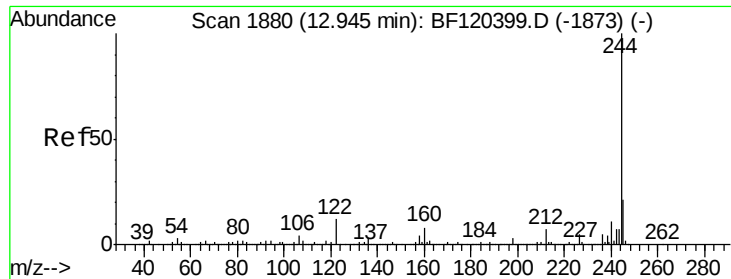
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#78
Pyrene
Concen: 8.722 ng
RT: 12.79 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF120540.D
Acq: 4 Jun 2020 18:20

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.6
203	17.7	14.2	21.2





#79

Terphenyl-d14

Concen: 60.762 ng

RT: 12.94 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BF120540.D

Acq: 4 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

NM1-COMP-2020-0-6

Tot Ion:244 Resp: 1354103

Ion Ratio Lower Upper

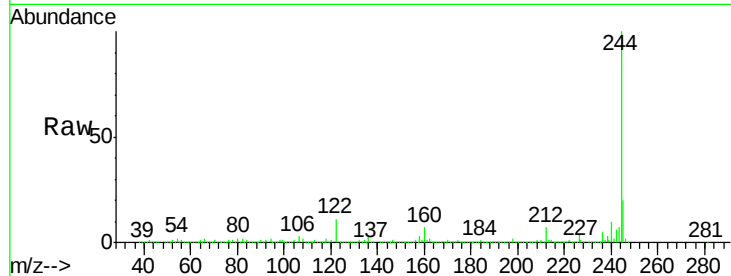
244 100

212 6.8 5.7 8.5

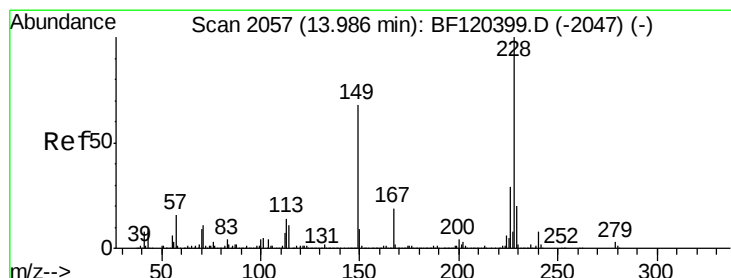
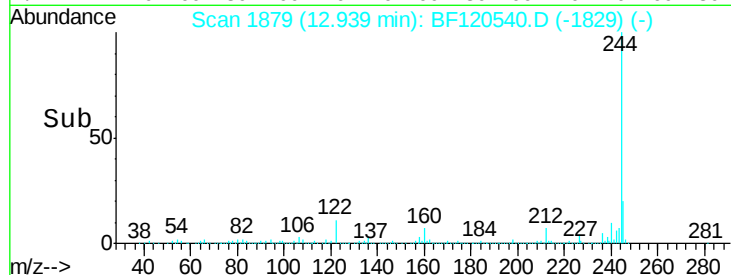
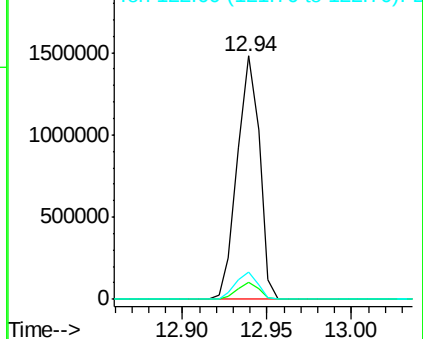
122 11.4 8.0 12.0

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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



#81

Benzo(a)anthracene

Concen: 6.452 ng

RT: 13.98 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF120540.D

Acq: 4 Jun 2020 18:20

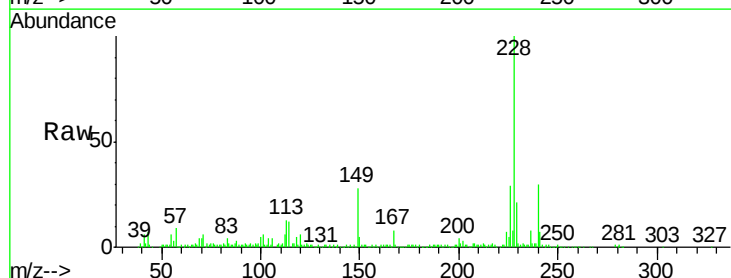
Tgt Ion:228 Resp: 171481

Ion Ratio Lower Upper

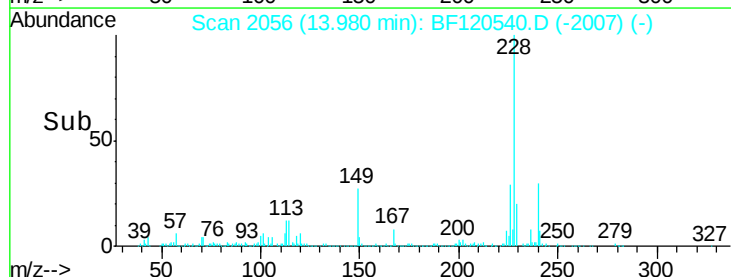
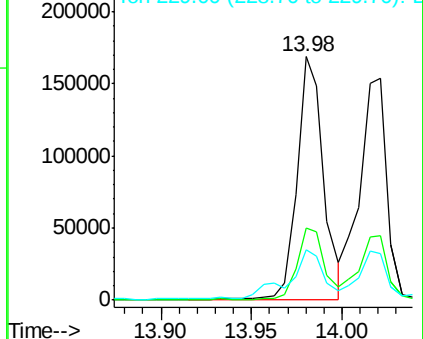
228 100

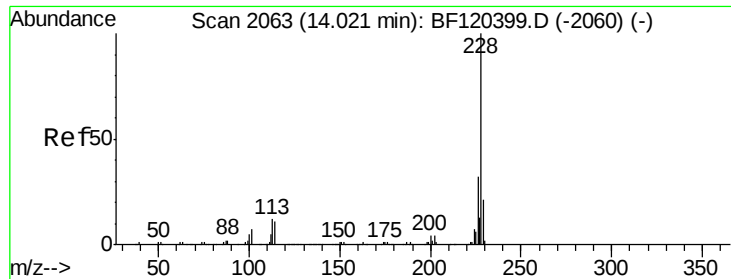
226 29.4 22.4 33.6

229 20.6 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





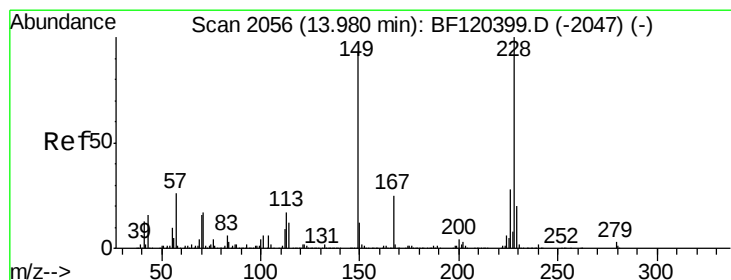
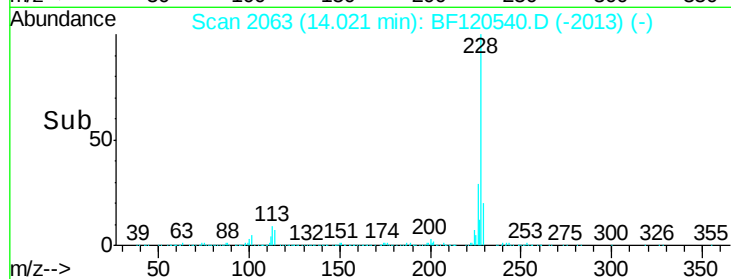
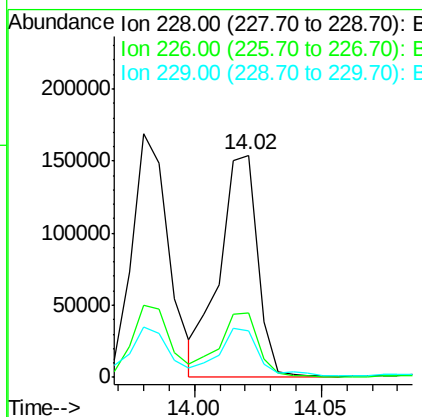
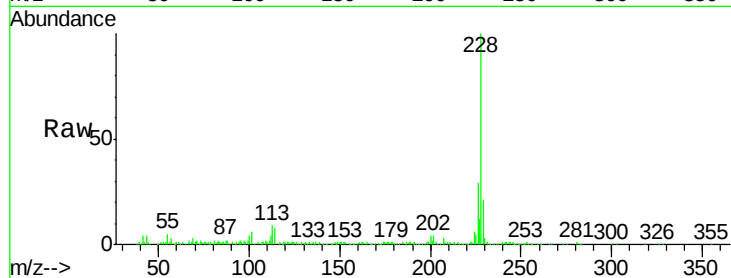
#83
Chrysene
Concen: 5.770 ng
RT: 14.02 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BF120540.D
Acq: 4 Jun 2020 18:20

Instrument :
BNA_F
ClientSampleId :
NM1-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.6	38.4
229	21.1	16.2	24.2

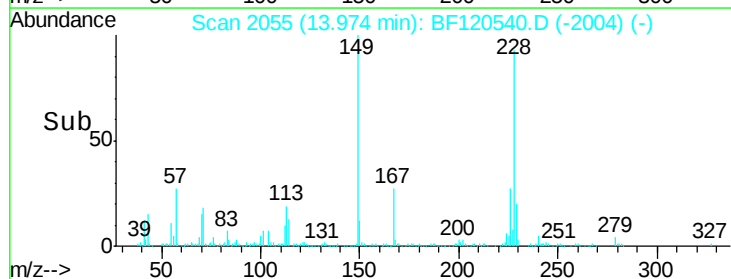
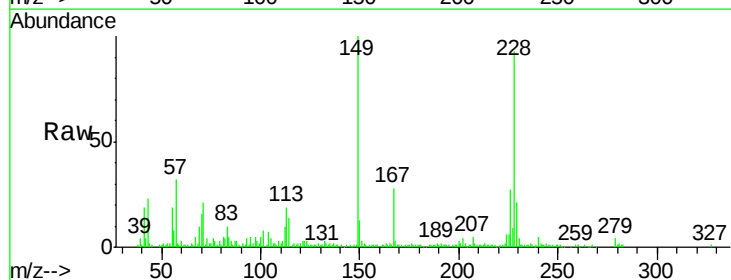
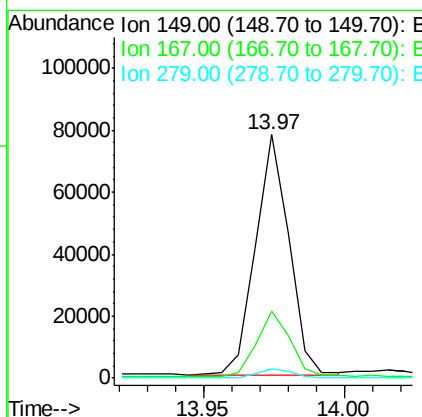
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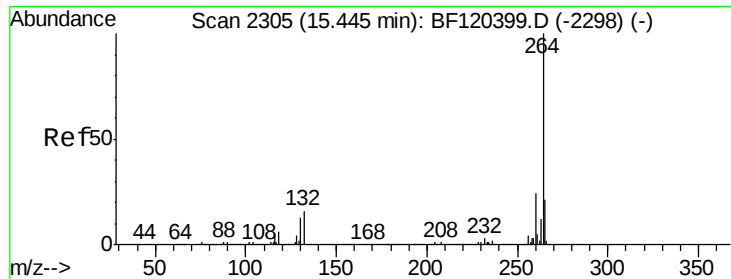
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.765 ng
RT: 13.97 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BF120540.D
Acq: 4 Jun 2020 18:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.6	33.8
279	3.7	3.1	4.7





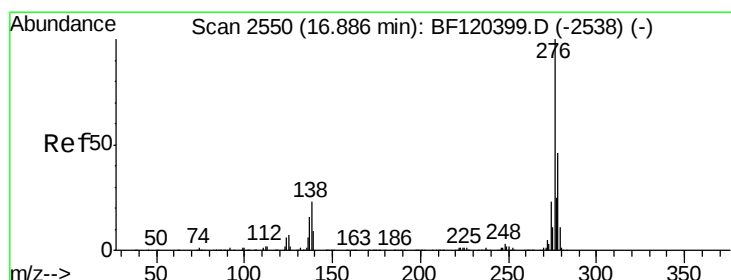
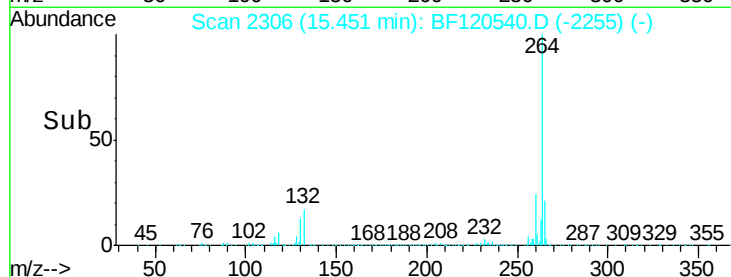
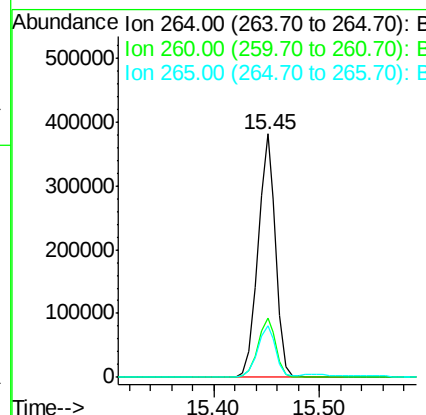
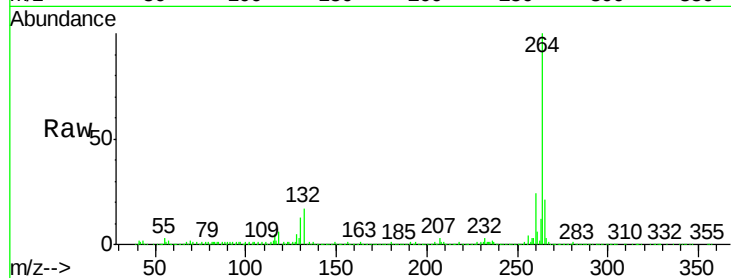
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BF120540.D
Acq: 4 Jun 2020 18:20

Instrument :
BNA_F
ClientSampleId :
NM1-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.2	17.5	26.3

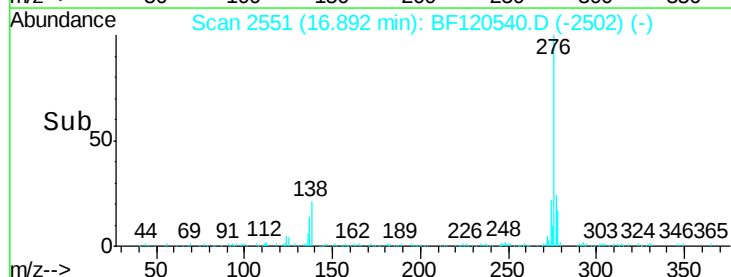
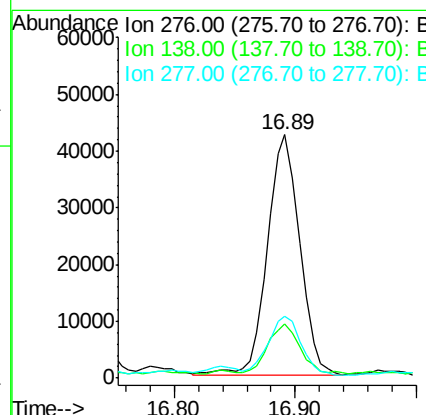
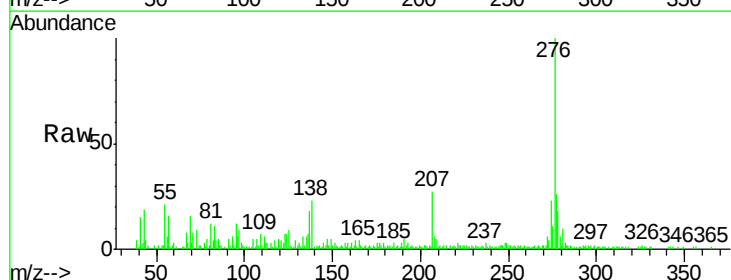
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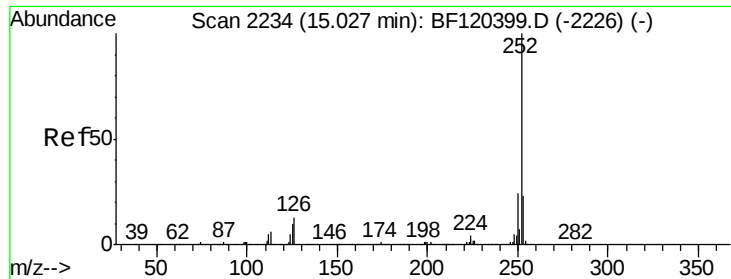
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.232 ng
RT: 16.89 min Scan# 2551
Delta R.T. -0.01 min
Lab File: BF120540.D
Acq: 4 Jun 2020 18:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	19.2	28.8
277	25.6	20.3	30.5





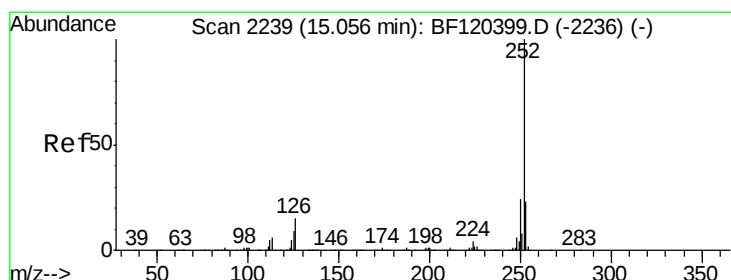
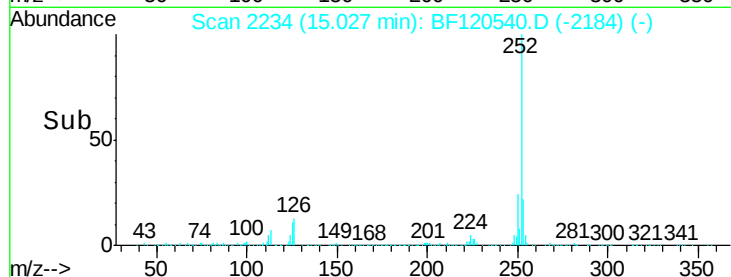
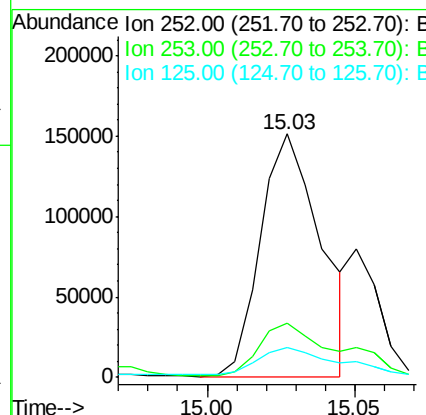
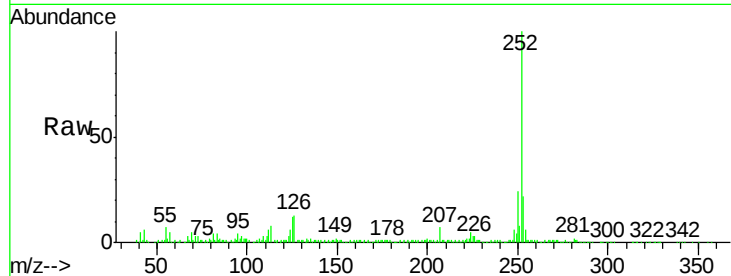
#88
Benzo(b)fluoranthene
Concen: 8.667 ng m
RT: 15.03 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF120540.D
Acq: 4 Jun 2020 18:20

Instrument :
BNA_F
ClientSampleId :
NM1-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	12.2	8.3	12.5

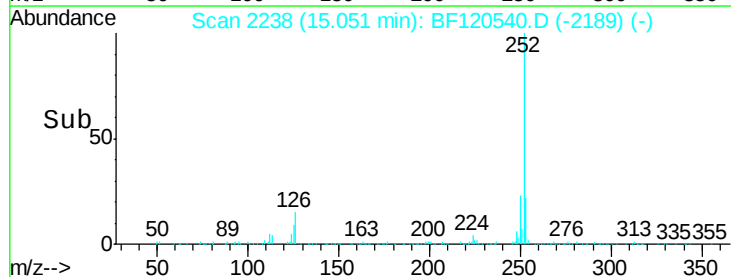
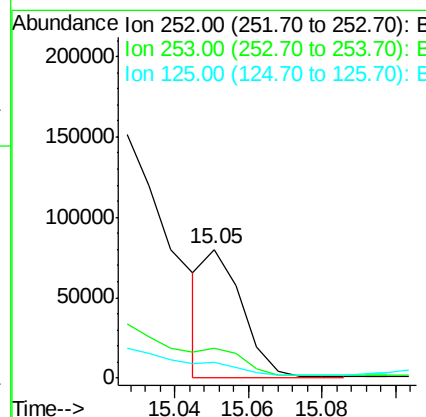
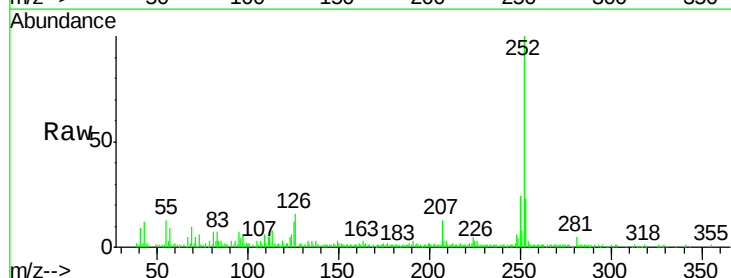
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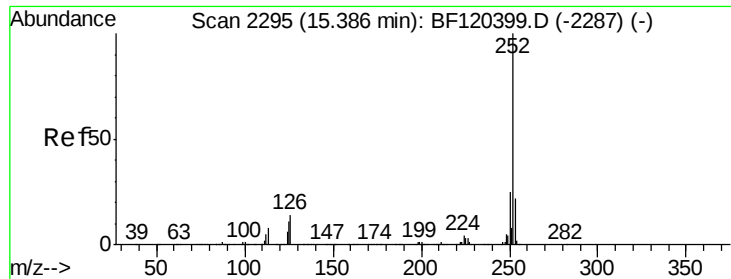
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#89
Benzo(k)fluoranthene
Concen: 2.527 ng m
RT: 15.05 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF120540.D
Acq: 4 Jun 2020 18:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	12.2	8.6	13.0





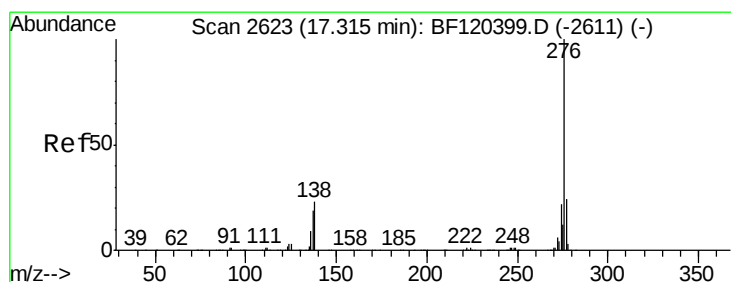
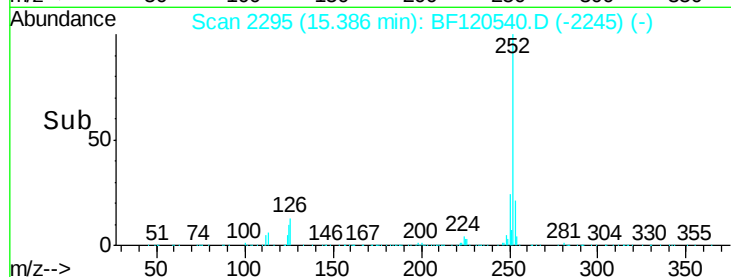
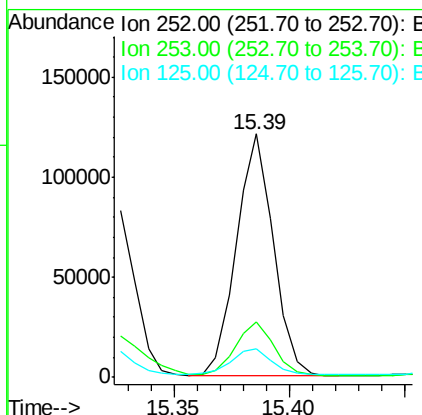
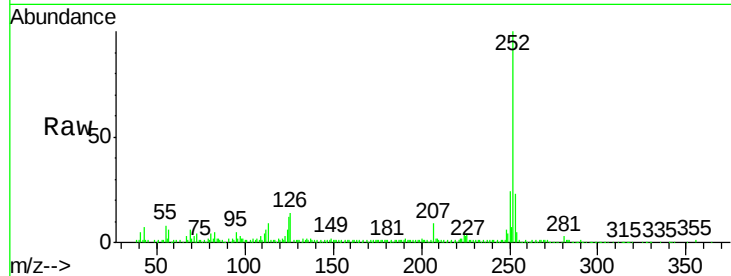
#90
Benzo(a)pyrene
Concen: 6.239 ng
RT: 15.39 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF120540.D
Acq: 4 Jun 2020 18:20

Instrument :
BNA_F
ClientSampleId :
NM1-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	11.8	9.6	14.4

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#92
Benzo(g,h,i)perylene
Concen: 3.737 ng
RT: 17.33 min Scan# 2625
Delta R.T. -0.02 min
Lab File: BF120540.D
Acq: 4 Jun 2020 18:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.3	28.9
138	22.7	16.9	25.3

