

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
 Data File : BF120548.D
 Acq On : 4 Jun 2020 22:06
 Operator : JU/CG
 Sample : L2839-08RE 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM112-COMP-2020-0-6RE

Manual Integrations
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 6/5/2020 11:58:14 AM

Quant Time: Jun 05 01:31:10 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	216530	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	818590	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	273633	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	445451	20.00	ng	0.00
76) Chrysene-d12	14.00	240	427735	20.00	ng	0.00
86) Perylene-d12	15.46	264	339070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	631364	55.57	ng	0.00
7) Phenol-d6	6.46	99	742604	53.03	ng	0.00
23) Nitrobenzene-d5	7.39	82	467702	37.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	141745	55.91	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	701728	43.51	ng	0.00
79) Terphenyl-d14	12.94	244	633220	32.94	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	114210	6.676	ng	99
71) Phenanthrene	11.37	178	121074	6.168	ng	98
75) Fluoranthene	12.57	202	249605	11.818	ng	96
78) Pyrene	12.80	202	232579	7.819	ng	97
81) Benzo(a)anthracene	13.99	228	160809	7.015	ng	96
83) Chrysene	14.02	228	152376m	6.340	ng	
87) Indeno(1,2,3-cd)pyrene	16.90	276	57342	3.092	ng	# 94
88) Benzo(b)fluoranthene	15.03	252	164358m	8.727	ng	
89) Benzo(k)fluoranthene	15.06	252	62733m	3.568	ng	
90) Benzo(a)pyrene	15.39	252	115382	7.004	ng	99
92) Benzo(g,h,i)perylene	17.34	276	54877	3.680	ng	98

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

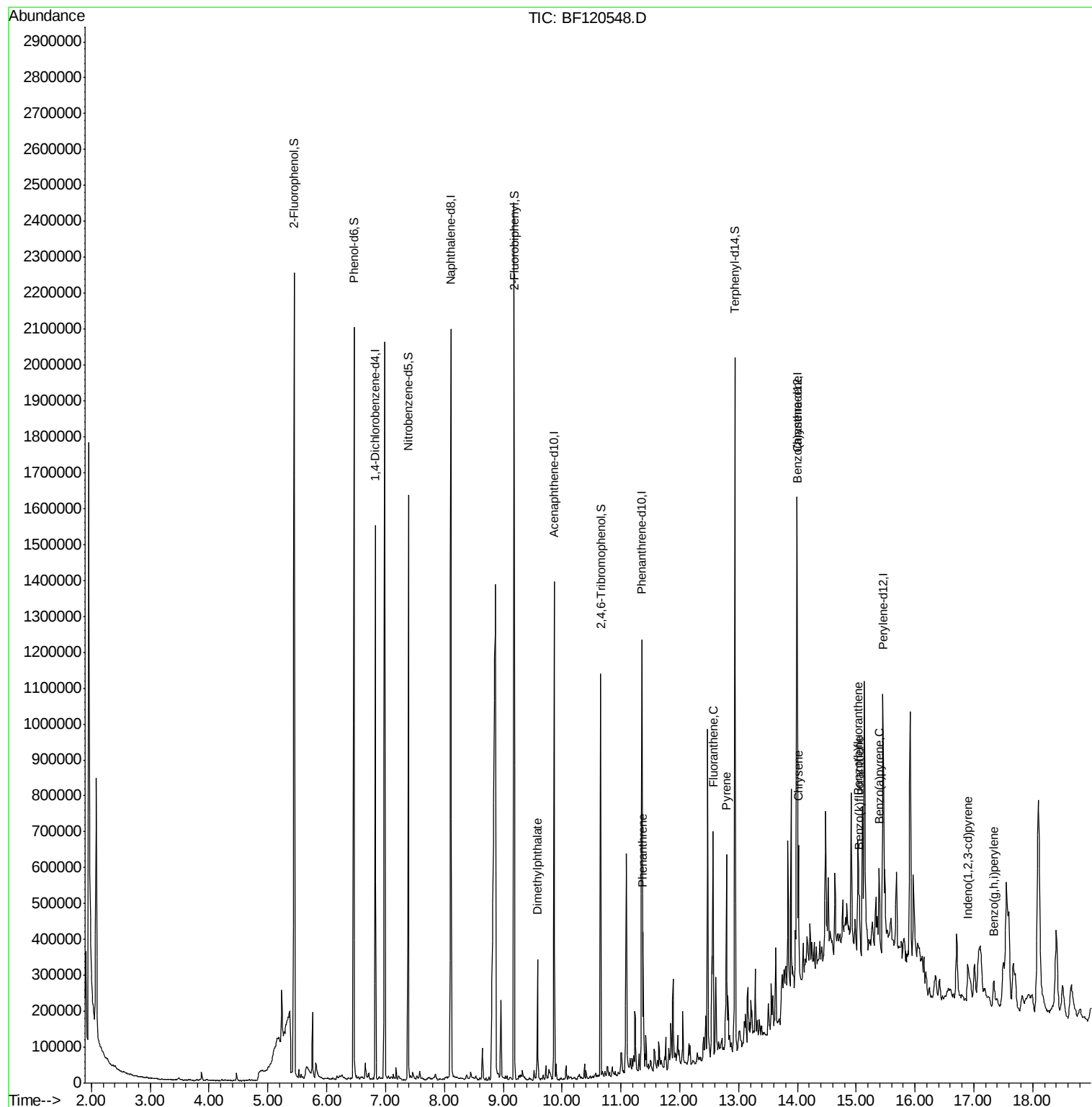
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
Data File : BF120548.D
Acq On : 4 Jun 2020 22:06
Operator : JU/CG
Sample : L2839-08RE 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

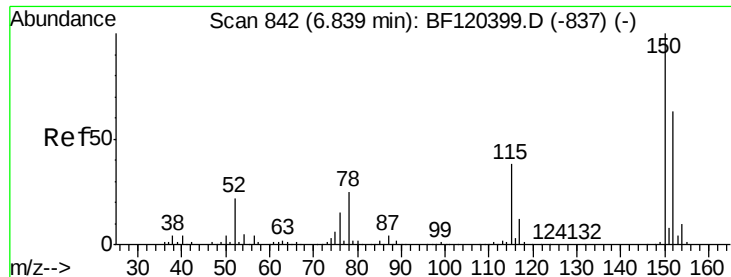
Instrument :
BNA_F
ClientSampleId :
NM112-COMP-2020-0-6RE

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Quant Time: Jun 05 01:31:10 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
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#1

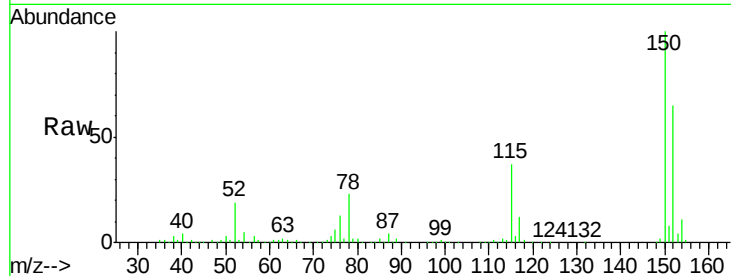
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF120548.D
Acq: 4 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NM112-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.3	189.5
115	56.6	48.1	72.1

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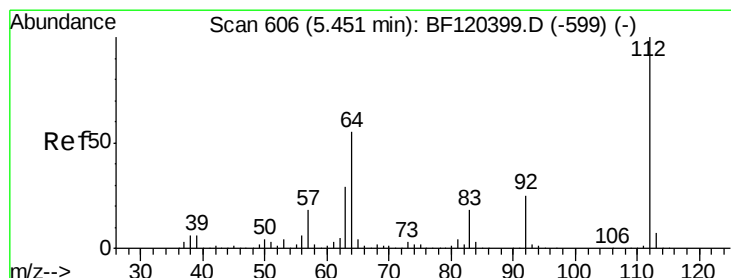
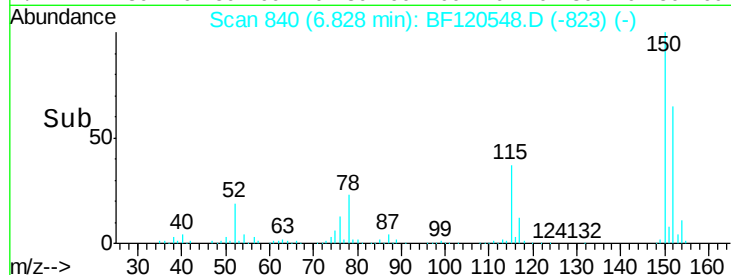
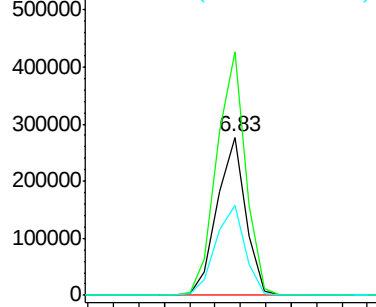


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

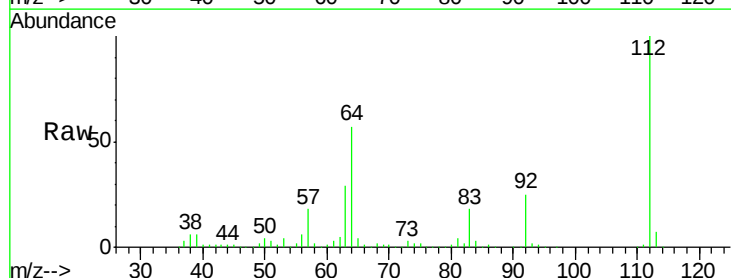
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 55.568 ng
RT: 5.45 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF120548.D
Acq: 4 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.2	70.8
63	28.7	24.7	37.1

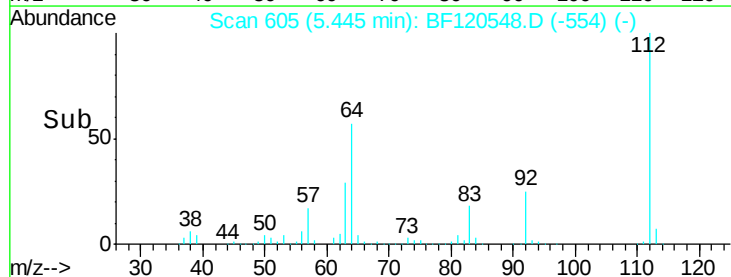
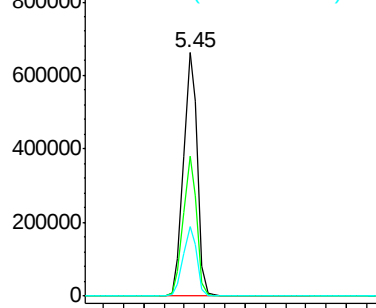


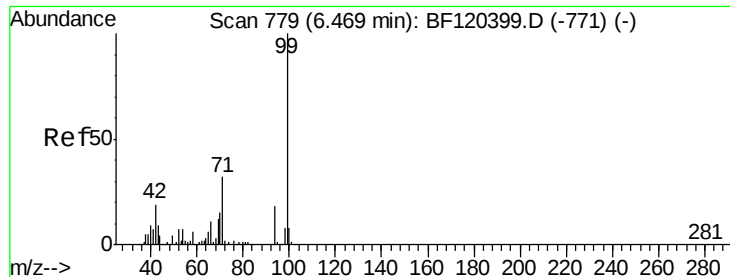
Abundance

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





#7

Phenol-d6

Concen: 53.026 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120548.D

Acq: 4 Jun 2020 22:06

Instrument :

BNA_F

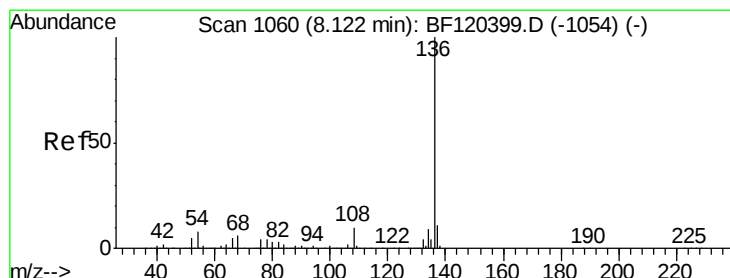
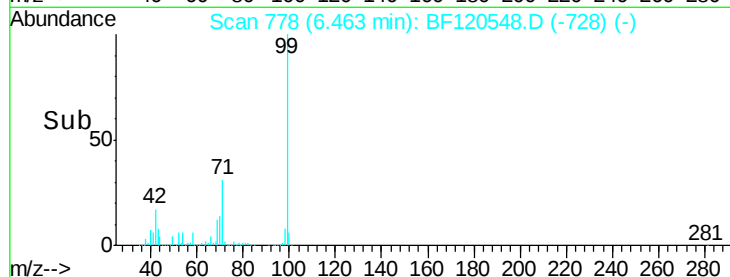
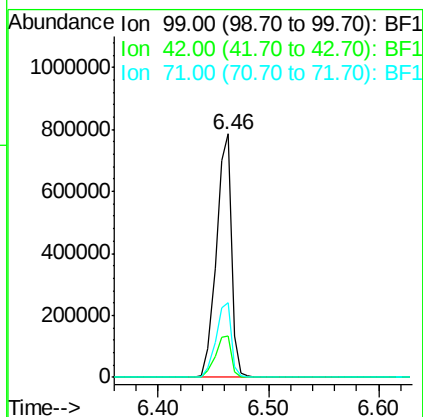
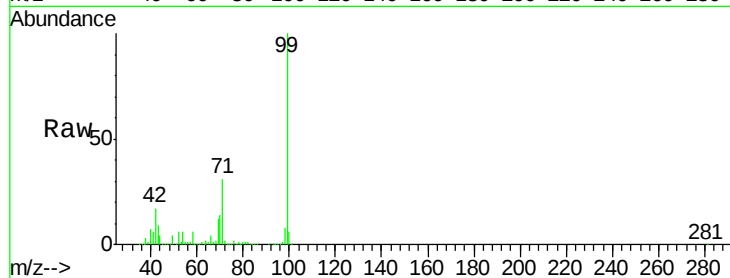
ClientSampleId :

NM112-COMP-2020-0-6RE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		742604		
42	17.1	15.0	22.6		
71	30.5	27.0	40.4		

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#21

Naphthalene-d8

Concen: 20.000 ng

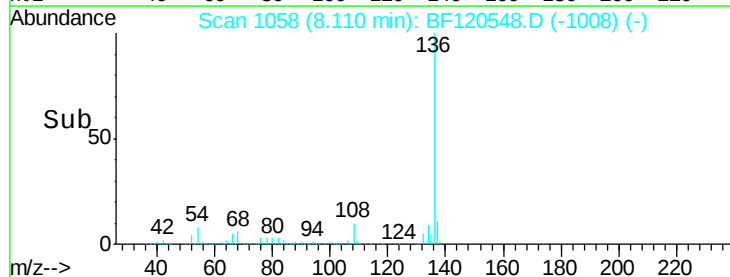
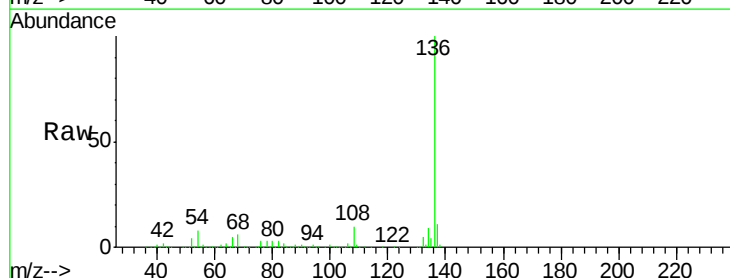
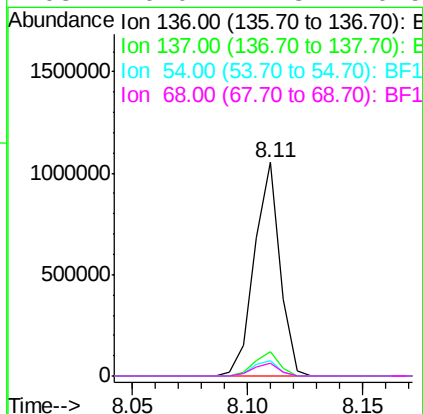
RT: 8.11 min Scan# 1058

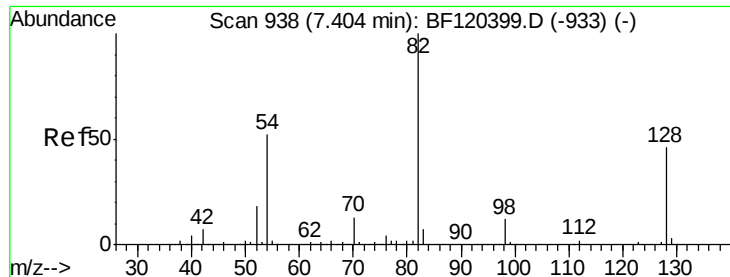
Delta R.T. -0.01 min

Lab File: BF120548.D

Acq: 4 Jun 2020 22:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		818590		
137	11.1	8.8	13.2		
54	7.5	5.4	8.0		
68	6.0	4.3	6.5		





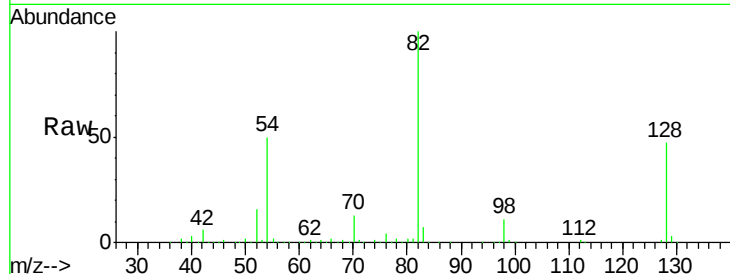
#23
 Nitrobenzene-d5
 Concen: 37.374 ng
 RT: 7.39 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF120548.D
 Acq: 4 Jun 2020 22:06

Instrument :
 BNA_F
 ClientSampleId :
 NM112-COMP-2020-0-6RE

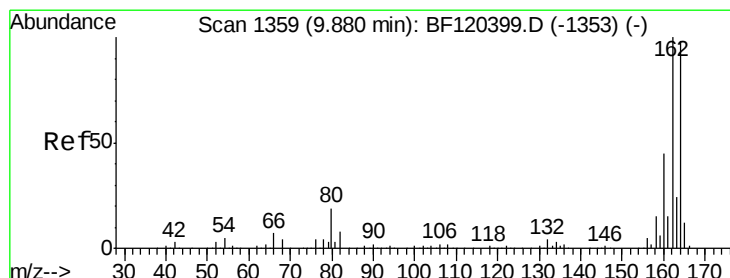
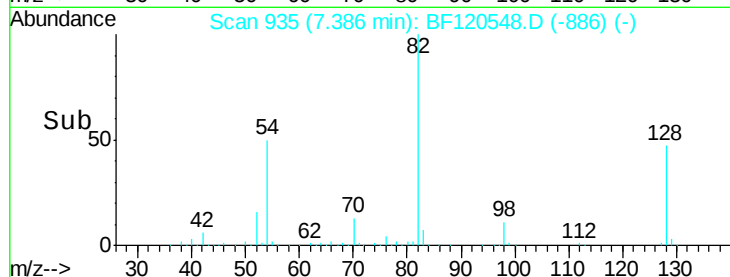
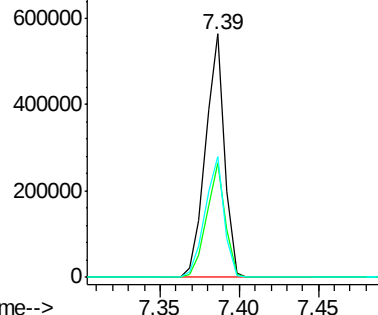
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.7	55.1
54	49.5	40.0	60.0

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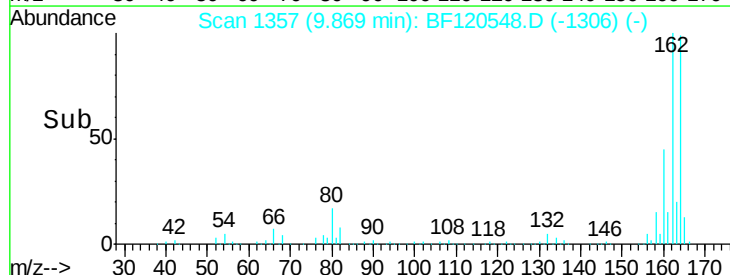
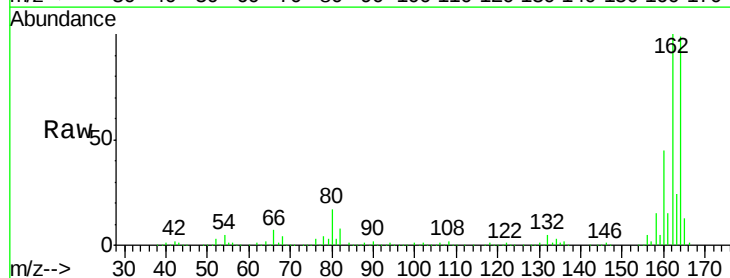
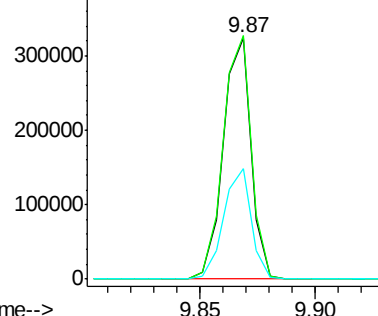
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

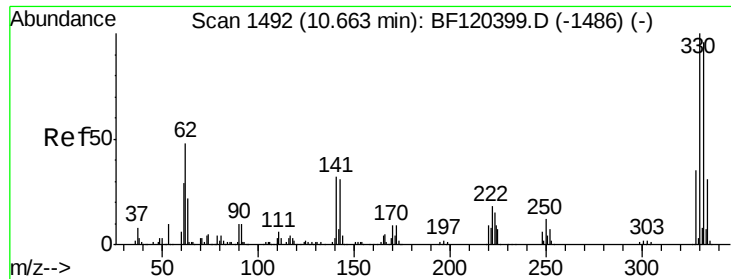


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: BF120548.D
 Acq: 4 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.2	121.8
160	45.5	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





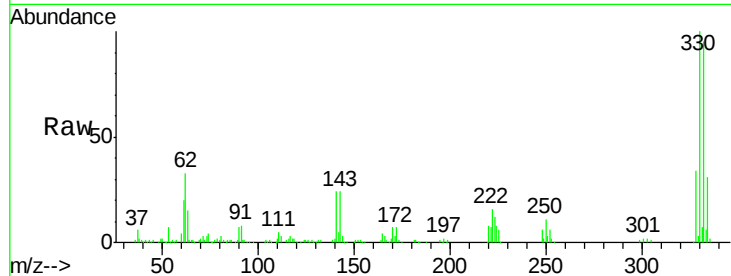
#42
 2,4,6-Tribromophenol
 Concen: 55.908 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120548.D
 Acq: 4 Jun 2020 22:06

Instrument :
 BNA_F
 ClientSampleId :
 NM112-COMP-2020-0-6RE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	141745		
332	94.5	77.0	115.4	
141	29.5	23.8	35.8	

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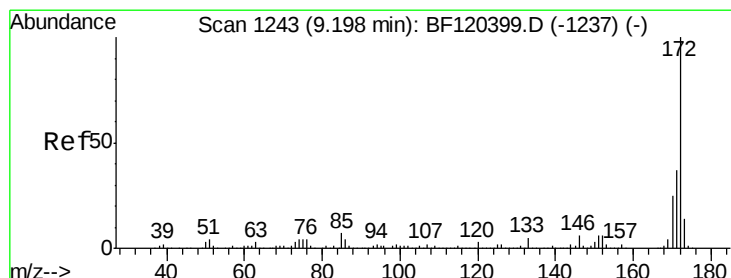
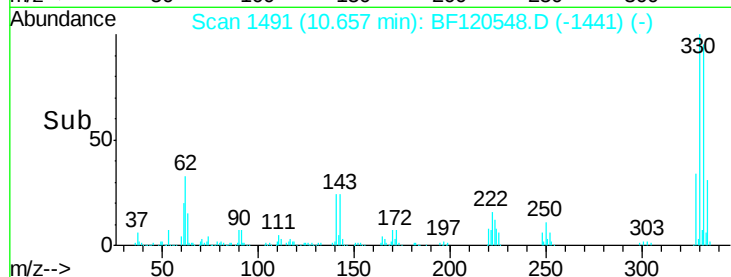
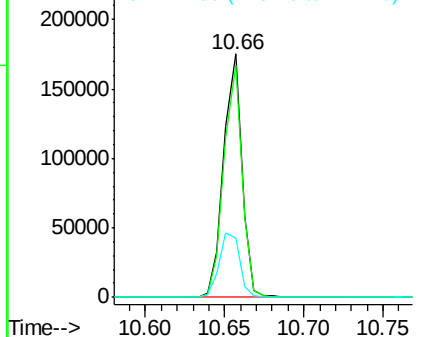


Abundance

Ion 329.80 (329.50 to 330.50): E

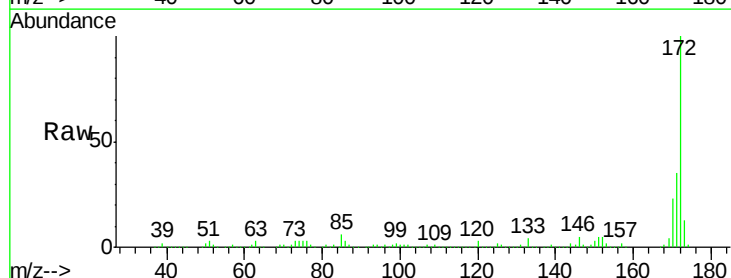
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 43.511 ng
 RT: 9.19 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF120548.D
 Acq: 4 Jun 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	701728		
171	35.1	29.5	44.3	
170	23.3	19.8	29.6	

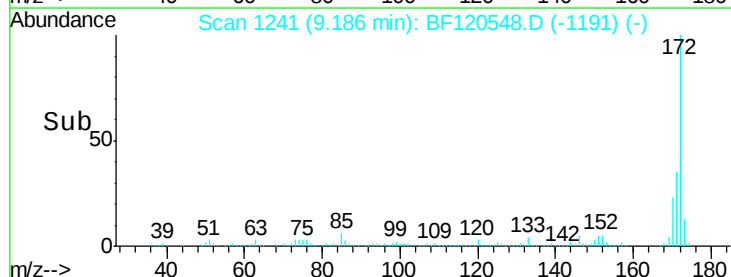
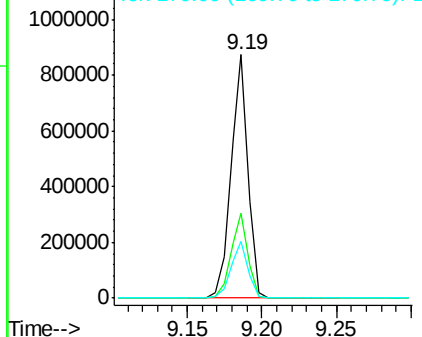


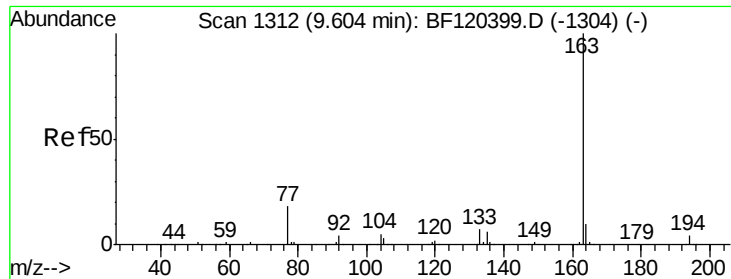
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.676 ng

RT: 9.58 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF120548.D

Acq: 4 Jun 2020 22:06

Instrument :

BNA_F

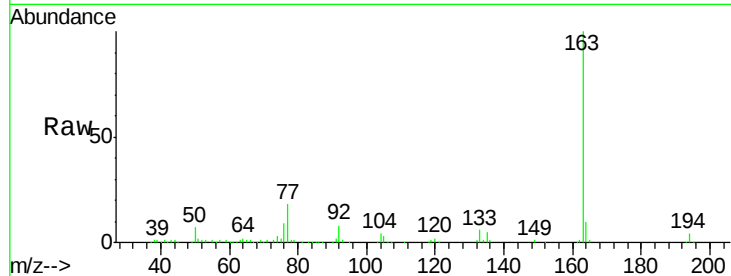
ClientSampleId :

NM112-COMP-2020-0-6RE

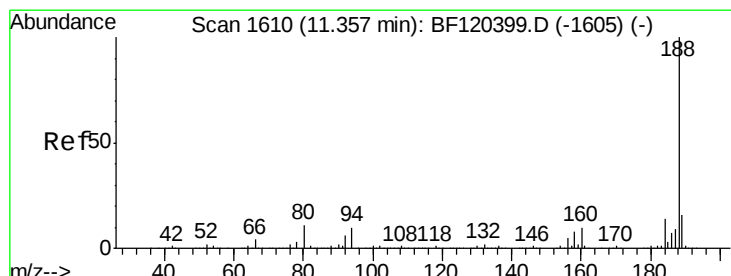
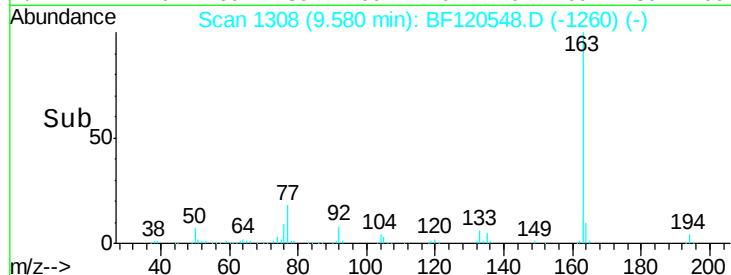
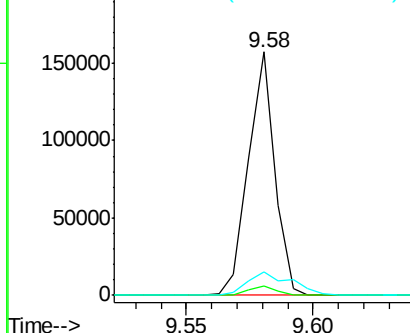
Tot Ion:	163	Resp:	114210
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.1	4.7
164	9.8	8.0	12.0

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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

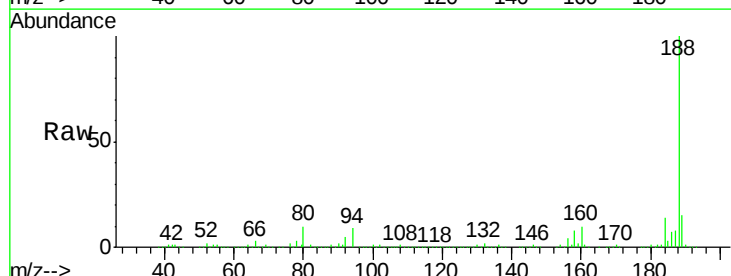
RT: 11.35 min Scan# 1609

Delta R.T. -0.01 min

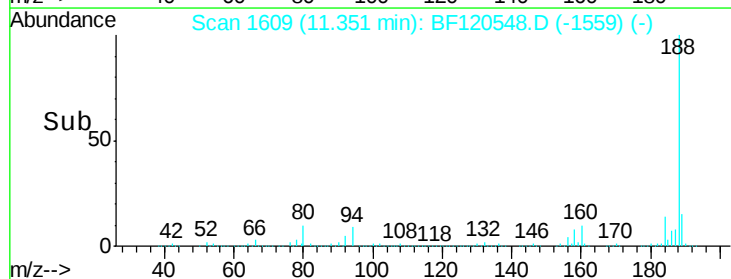
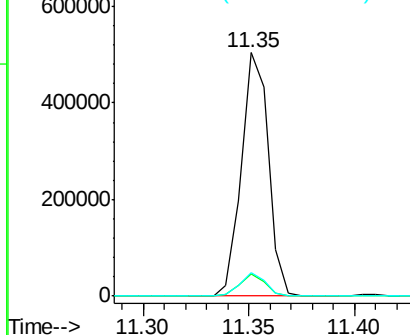
Lab File: BF120548.D

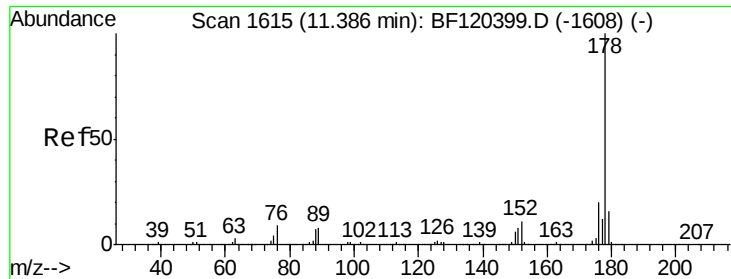
Acq: 4 Jun 2020 22:06

Tgt Ion:	188	Resp:	445451
Ion Ratio	Lower	Upper	
188	100		
94	9.0	7.4	11.2
80	9.7	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





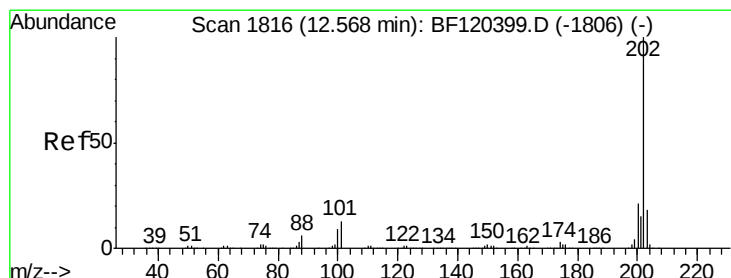
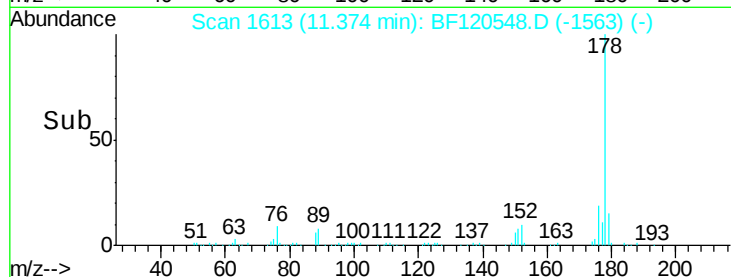
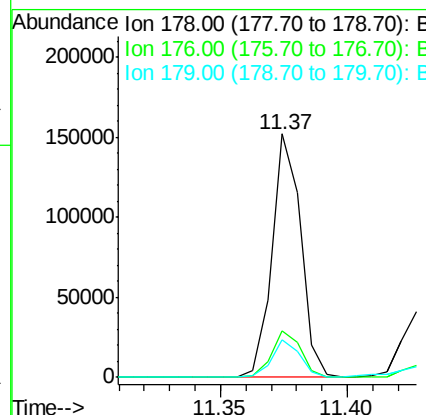
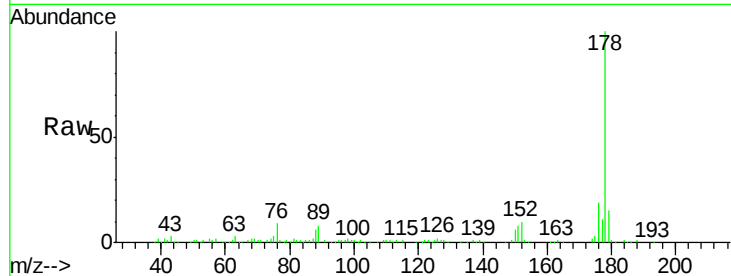
#71
Phenanthrene
Concen: 6.168 ng
RT: 11.37 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BF120548.D
Acq: 4 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.2
179	15.3	12.8	19.2

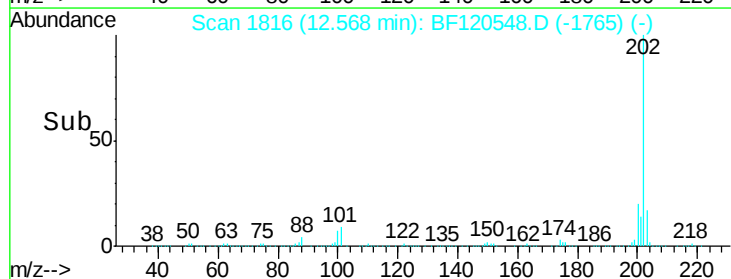
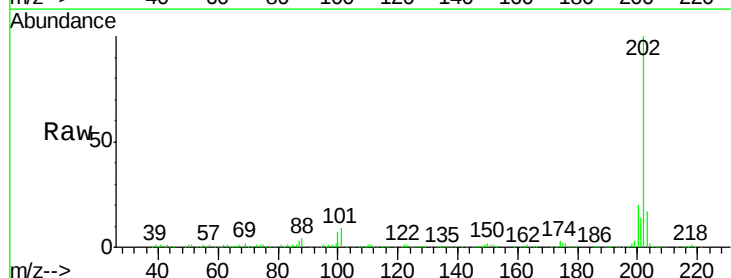
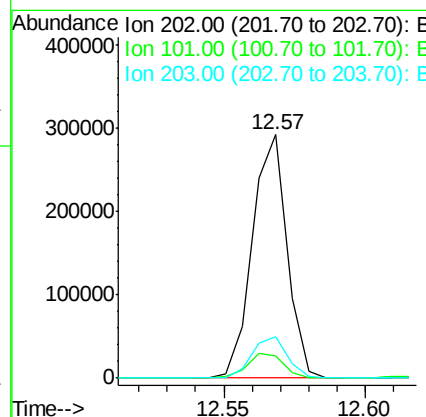
Manual Integrations
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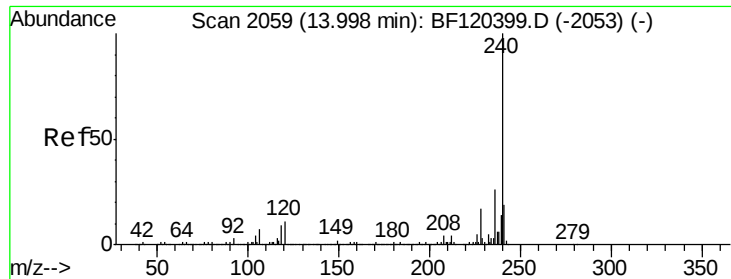
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#75
Fluoranthene
Concen: 11.818 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BF120548.D
Acq: 4 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	31.3
203	16.9	0.0	38.4





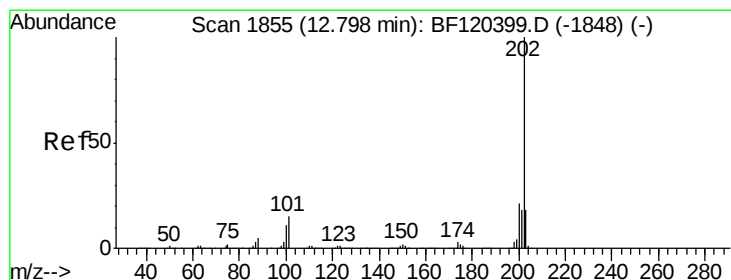
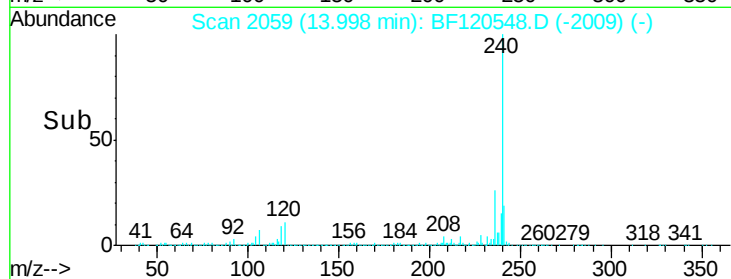
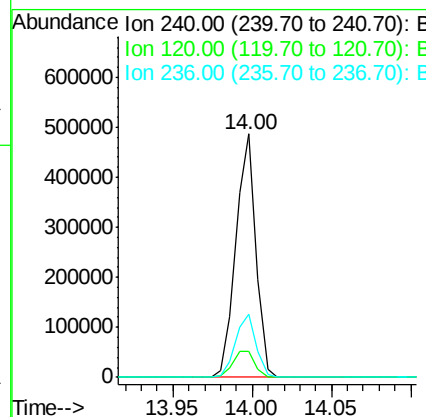
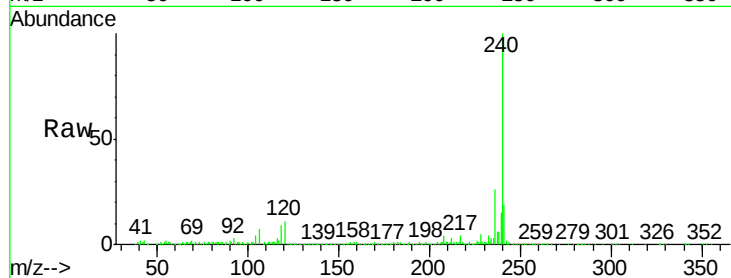
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF120548.D
Acq: 4 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NM112-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.7	11.5
236	26.2	20.8	31.2

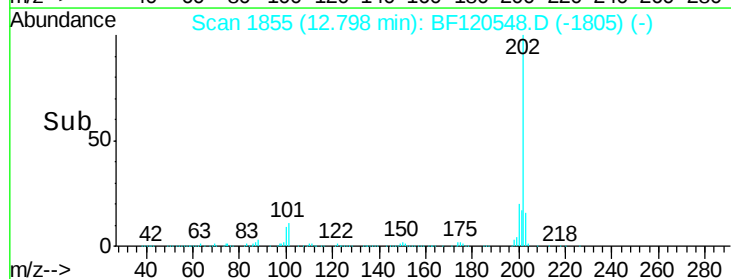
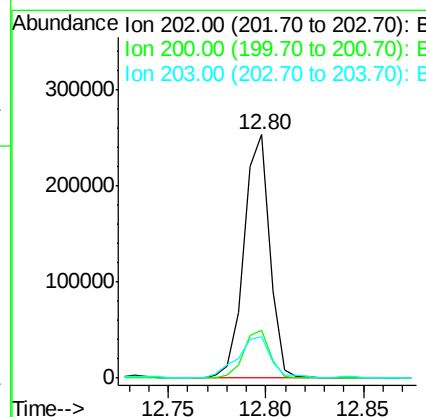
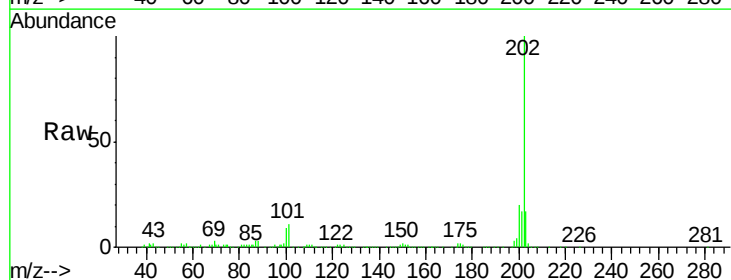
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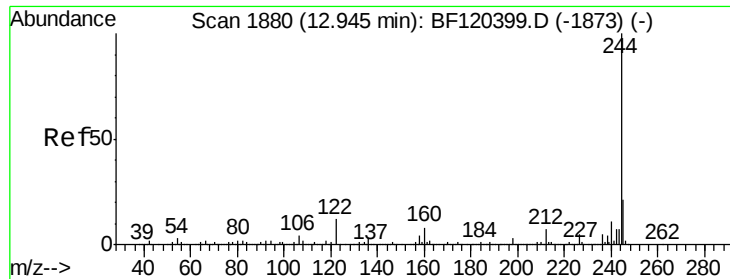
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#78
Pyrene
Concen: 7.819 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF120548.D
Acq: 4 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.0	25.6
203	16.9	14.2	21.2





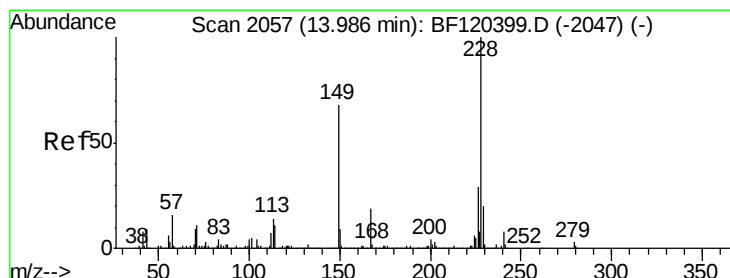
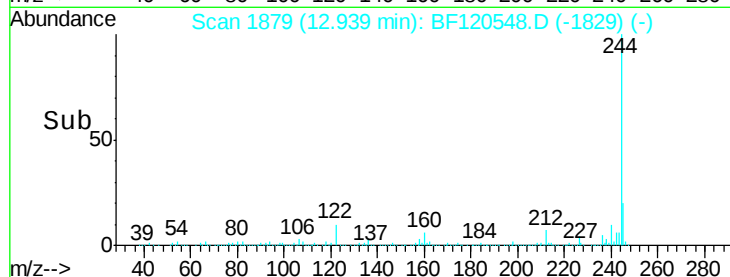
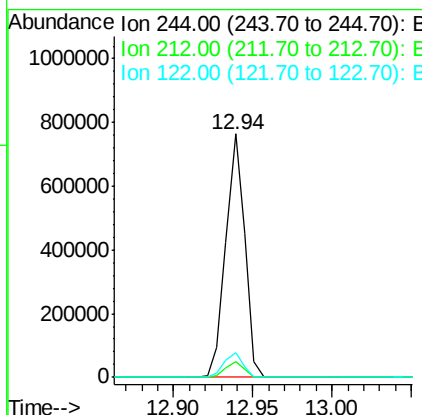
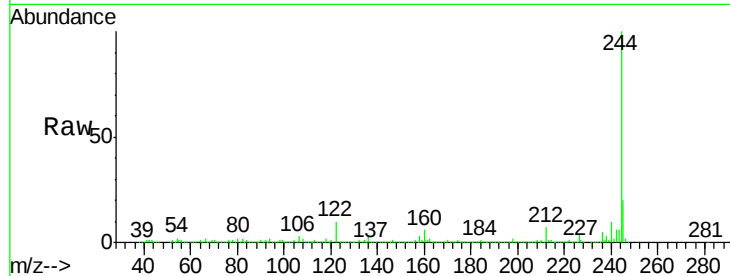
#79
 Terphenyl-d14
 Concen: 32.942 ng
 RT: 12.94 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BF120548.D
 Acq: 4 Jun 2020 22:06

Instrument :
 BNA_F
 ClientSampleId :
 NM112-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	10.1	8.0	12.0

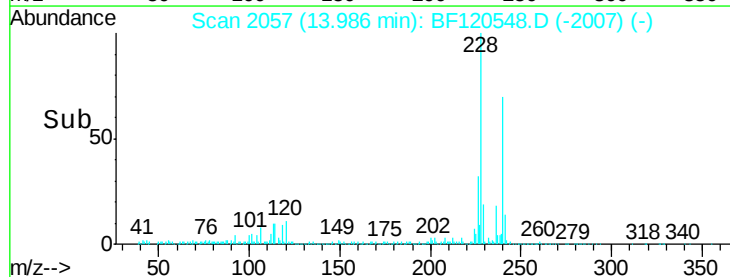
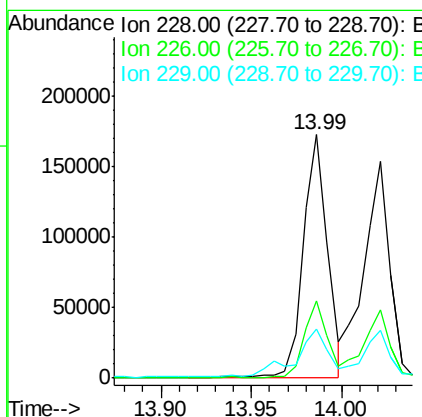
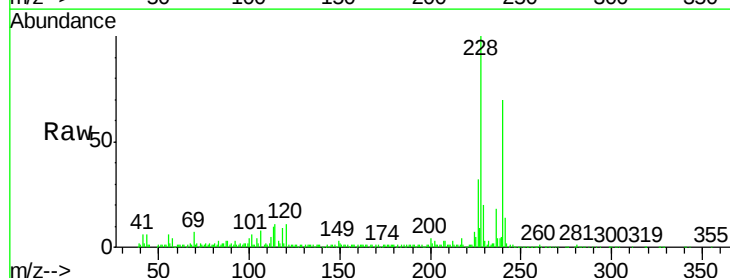
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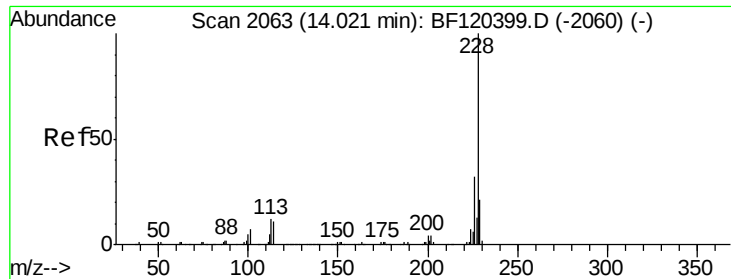
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#81
 Benzo(a)anthracene
 Concen: 7.015 ng
 RT: 13.99 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BF120548.D
 Acq: 4 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.4	33.6
229	20.0	16.2	24.2





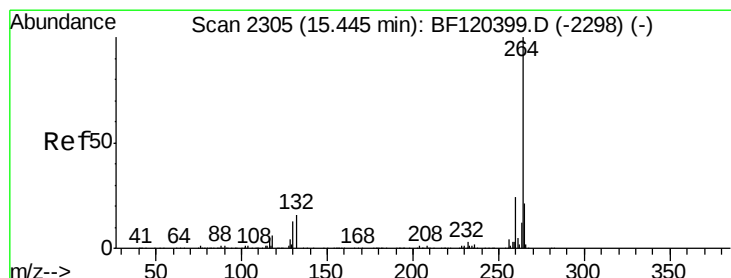
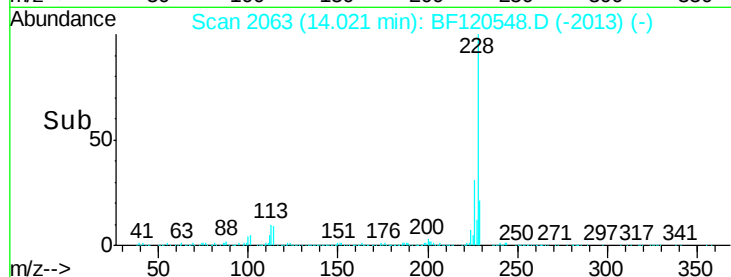
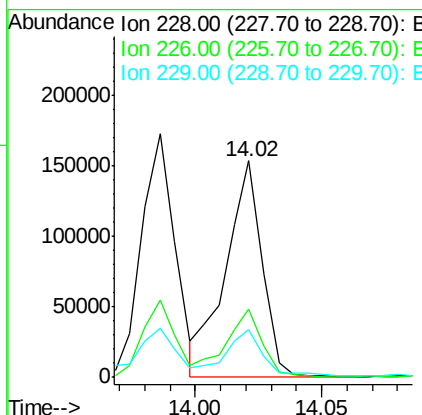
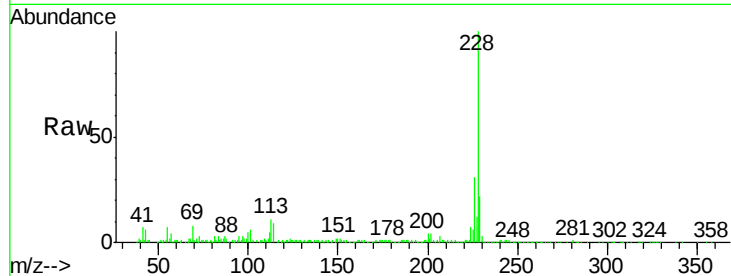
#83
Chrysene
Concen: 6.340 ng/mL
RT: 14.02 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BF120548.D
Acq: 4 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NM112-COMP-2020-0-6RE

Tot Ion:	228	Resp:	152376
Ion Ratio	Lower	Upper	
228	100		
226	31.5	25.6	38.4
229	22.2	16.2	24.2

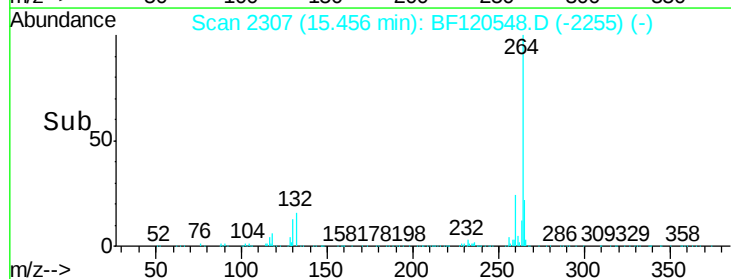
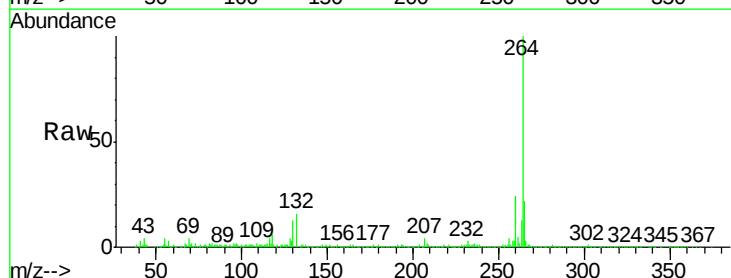
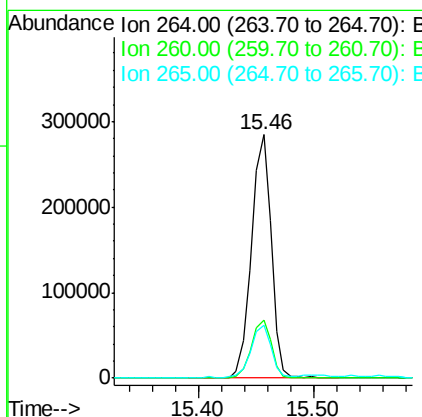
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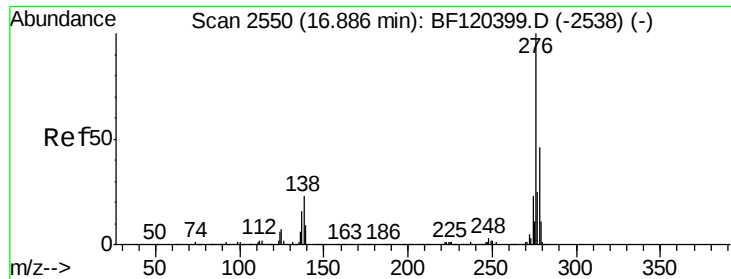
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2307
Delta R.T. 0.01 min
Lab File: BF120548.D
Acq: 4 Jun 2020 22:06

Tgt Ion:	264	Resp:	339070
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.5	29.3
265	22.0	17.5	26.3





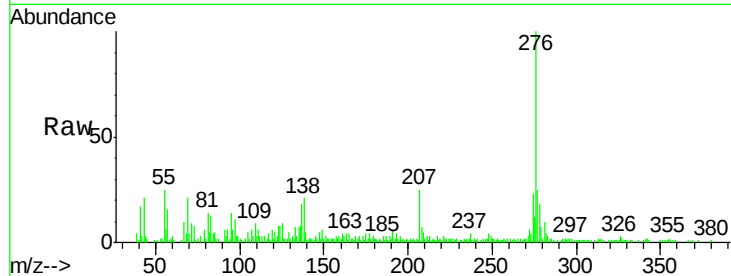
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.092 ng
RT: 16.90 min Scan# 2552
Delta R.T. -0.01 min
Lab File: BF120548.D
Acq: 4 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NM112-COMP-2020-0-6RE

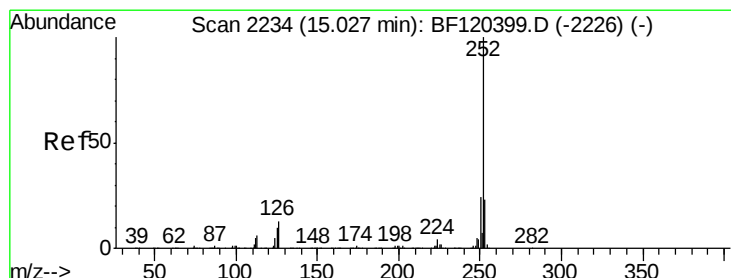
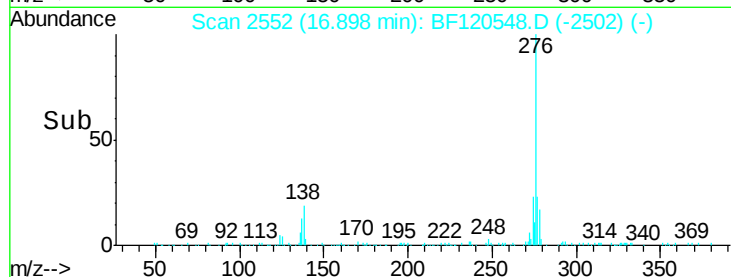
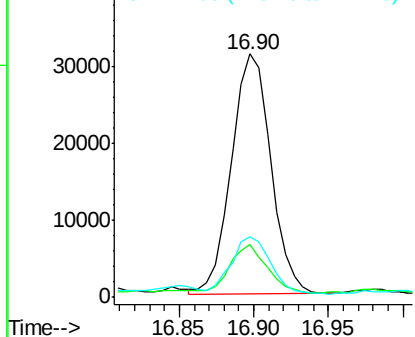
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	19.2	28.8#
277	23.8	20.3	30.5

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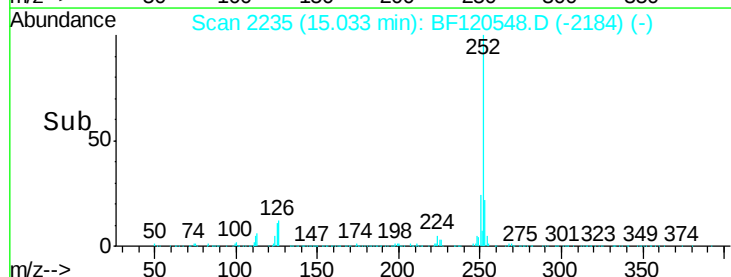
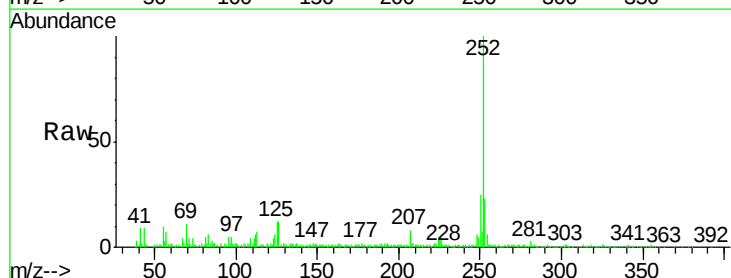
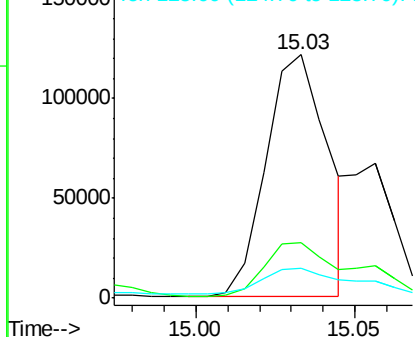
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

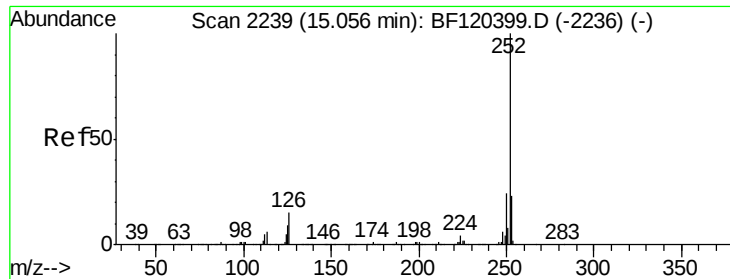


#88
Benzo(b)fluoranthene
Concen: 8.727 ng m
RT: 15.03 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BF120548.D
Acq: 4 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	12.1	8.3	12.5

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





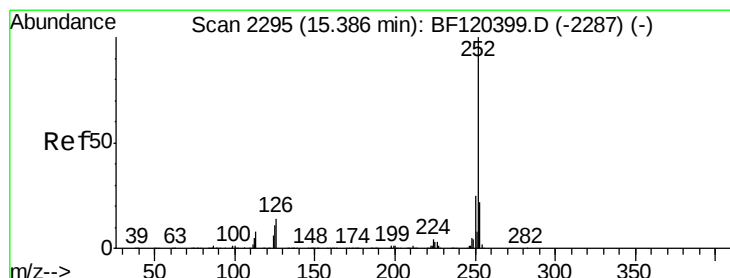
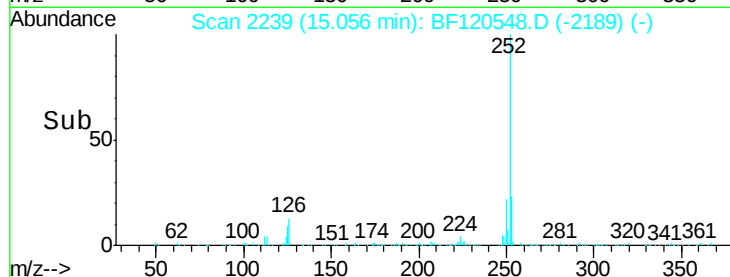
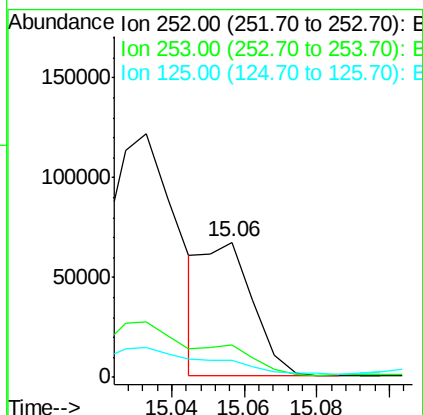
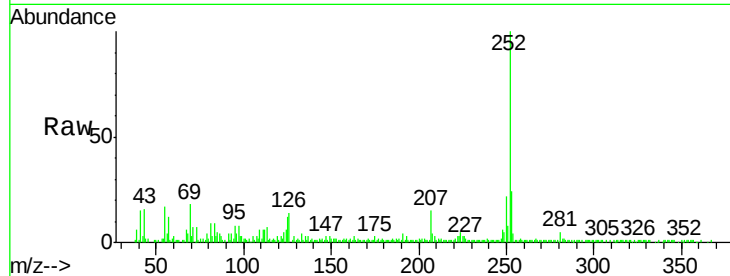
#89
Benzo(k)fluoranthene
Concen: 3.568 ng m
RT: 15.06 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF120548.D
Acq: 4 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NM112-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	12.4	8.6	13.0

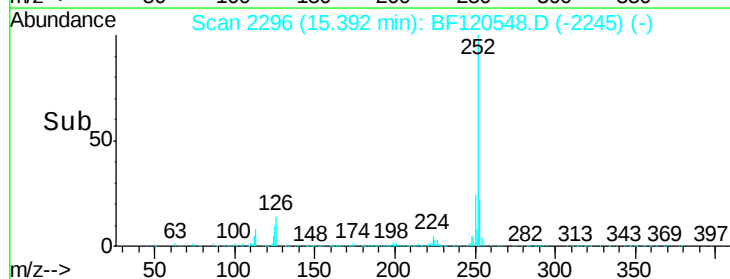
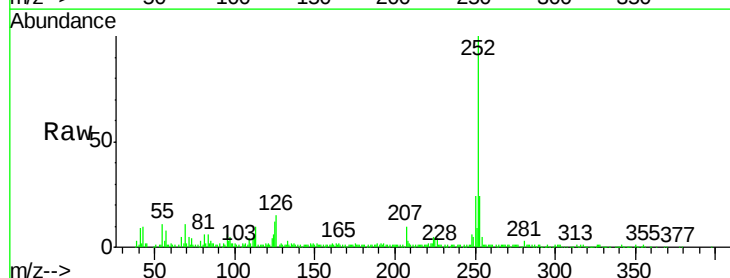
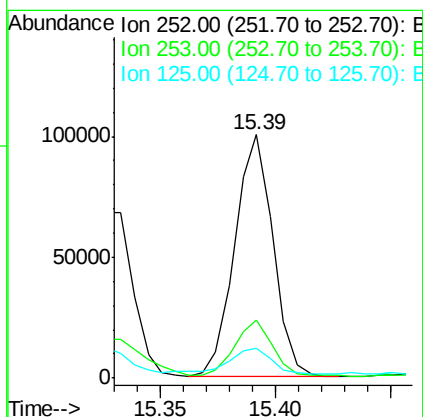
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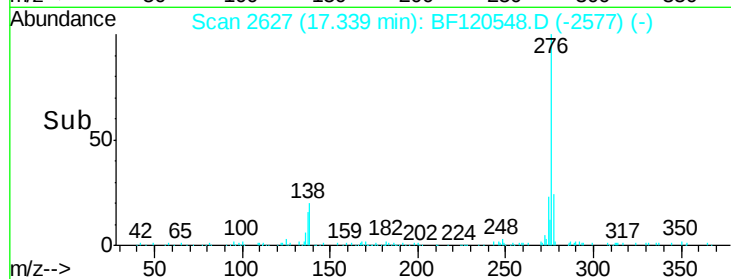
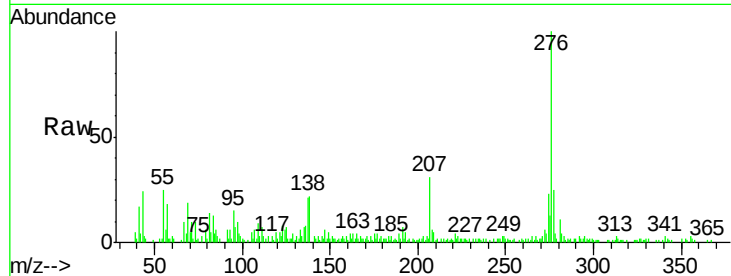
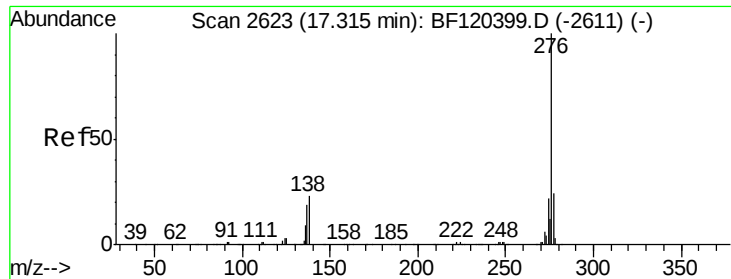
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#90
Benzo(a)pyrene
Concen: 7.004 ng
RT: 15.39 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BF120548.D
Acq: 4 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	12.1	9.6	14.4





#92
 Benzo(a,h,i)perylene
 Concen: 3.680 ng
 RT: 17.34 min Scan# 2627
 Delta R.T. -0.01 min
 Lab File: BF120548.D
 Acq: 4 Jun 2020 22:06

Instrument :
 BNA_F
 ClientSampleId :
 NM112-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.3	28.9
138	22.3	16.9	25.3

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