

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
 Data File : BF120562.D
 Acq On : 5 Jun 2020 16:26
 Operator : JU/CG
 Sample : L2890-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24245

Manual Integrations
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Quant Time: Jun 05 17:38:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	194477	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	697004	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	325550	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	530684	20.00	ng	0.00
76) Chrysene-d12	13.98	240	371512	20.00	ng	0.00
86) Perylene-d12	15.43	264	340339	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	979451	95.98	ng	0.00
7) Phenol-d6	6.46	99	1031824	82.03	ng	0.00
23) Nitrobenzene-d5	7.38	82	671851	63.05	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	259100	85.90	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1240786	64.67	ng	0.00
79) Terphenyl-d14	12.93	244	1071127	64.16	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.57	163	236120	11.602	ng	99
71) Phenanthrene	11.36	178	71272	3.048	ng	99
75) Fluoranthene	12.55	202	242665	9.644	ng	97
78) Pyrene	12.78	202	205804	7.966	ng	99
81) Benzo(a)anthracene	13.97	228	110689	5.559	ng	99
83) Chrysene	14.00	228	124054	5.943	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	31501	2.488	ng	# 97
87) Indeno(1,2,3-cd)pyrene	16.86	276	63492	3.411	ng	99
88) Benzo(b)fluoranthene	15.01	252	171700m	9.083	ng	
89) Benzo(k)fluoranthene	15.03	252	43326m	2.455	ng	
90) Benzo(a)pyrene	15.36	252	97343	5.887	ng	# 93
92) Benzo(a,h,i)perylene	17.29	276	61124	4.084	ng	94

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

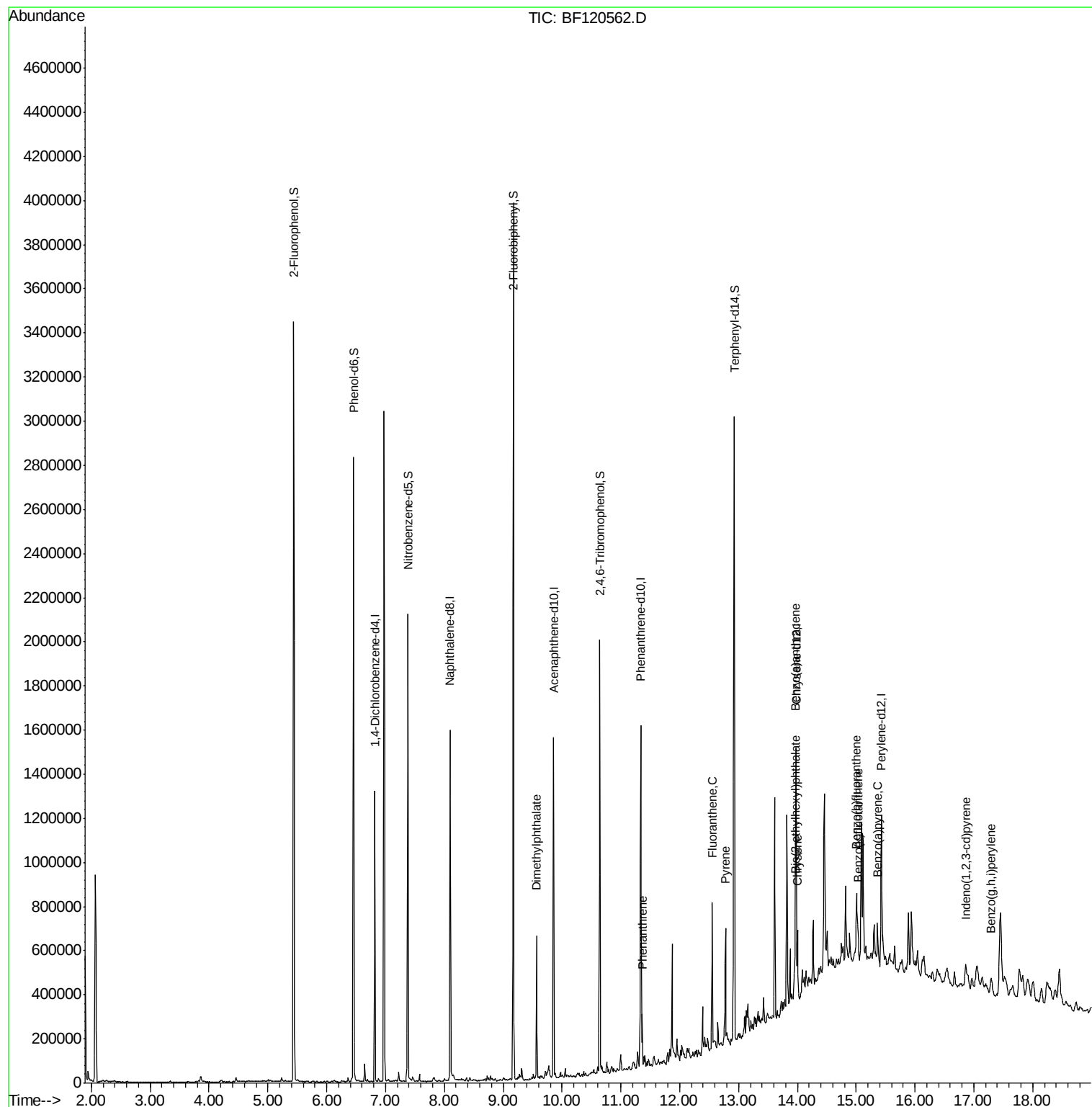
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120562.D
Acq On : 5 Jun 2020 16:26
Operator : JU/CG
Sample : L2890-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

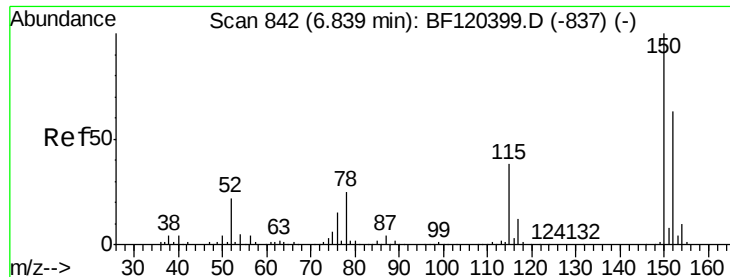
Instrument :
BNA_F
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Quant Time: Jun 05 17:38:40 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

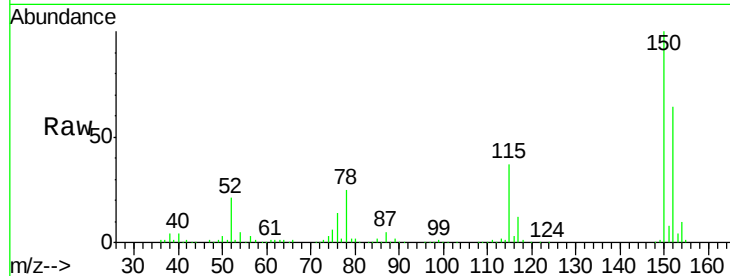
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF120562.D
Acq: 5 Jun 2020 16:26

Instrument :
BNA_F
ClientSampleId :
CHRT-24245

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.2	186.4
115	58.8	43.8	65.6

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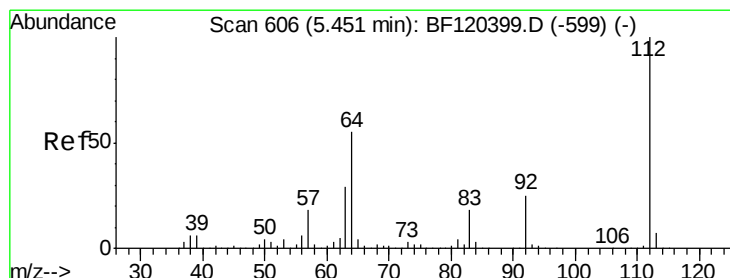
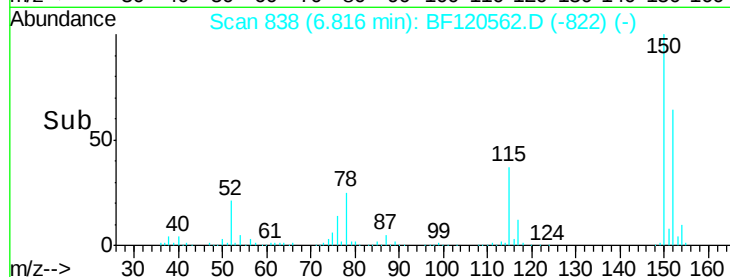
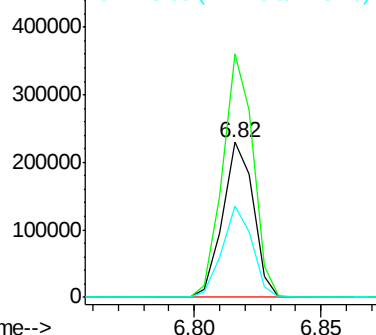


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

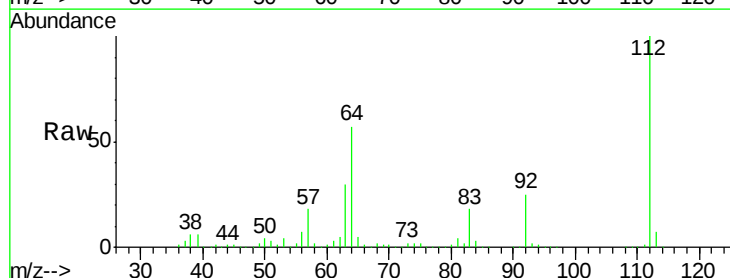
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.980 ng
RT: 5.44 min Scan# 604
Delta R.T. 0.01 min
Lab File: BF120562.D
Acq: 5 Jun 2020 16:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.5	69.7
63	29.6	23.6	35.4

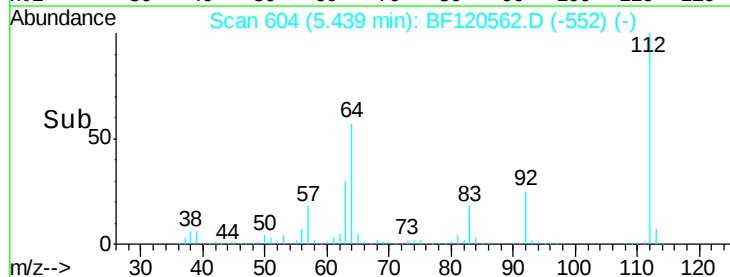
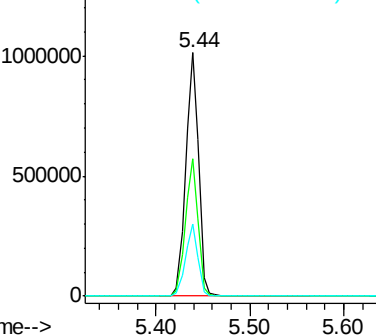


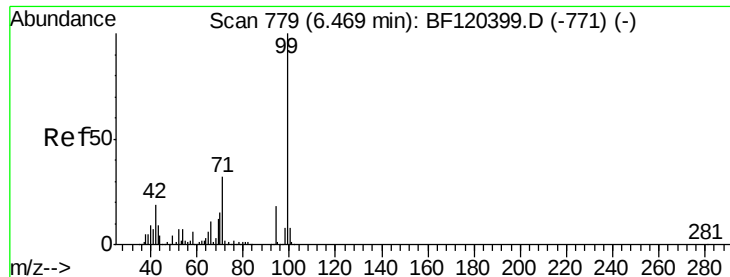
Abundance

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: 82.033 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF120562.D

Acq: 5 Jun 2020 16:26

Instrument :

BNA_F

ClientSampleId :

CHRT-24245

Tot Ion: 99 Resp: 1031824

Ion Ratio Lower Upper

99 100

42 18.2 14.8 22.2

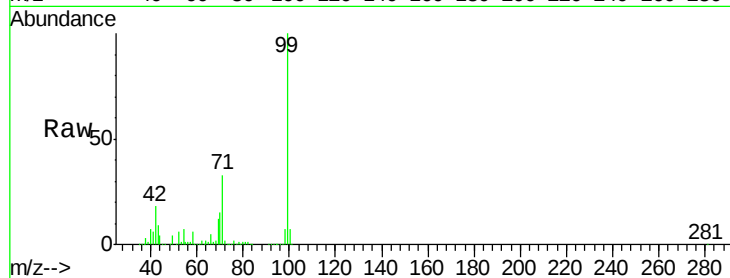
71 33.1 25.8 38.6

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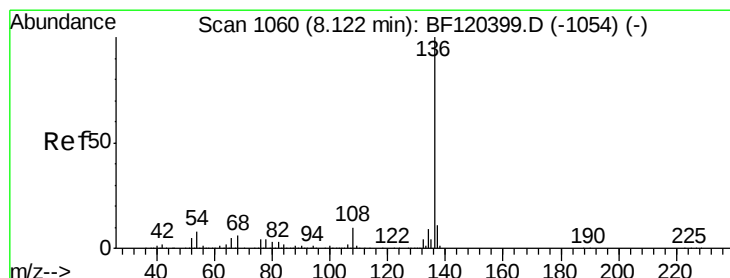
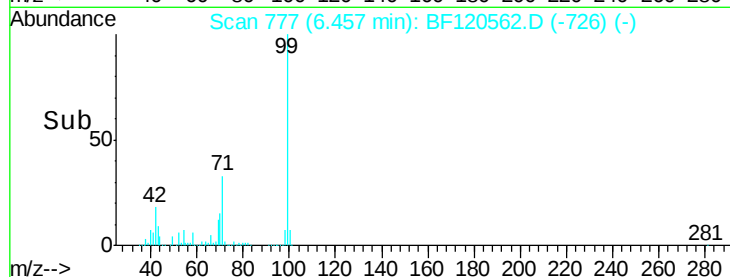
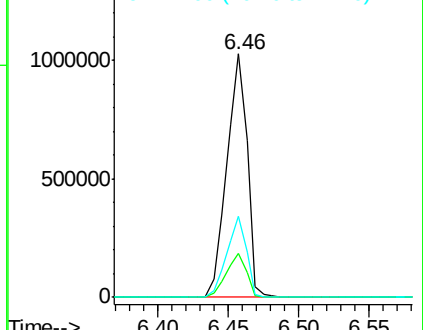
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.10 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF120562.D

Acq: 5 Jun 2020 16:26

Tgt Ion: 136 Resp: 697004

Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 8.0 5.1 7.7#

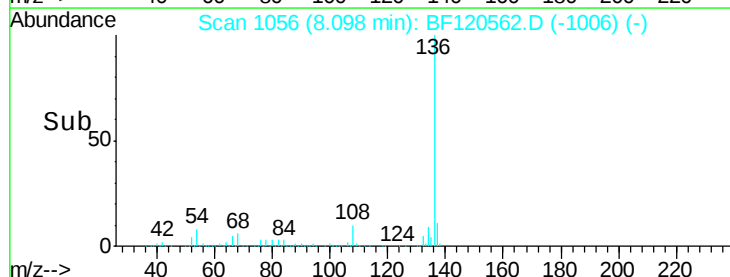
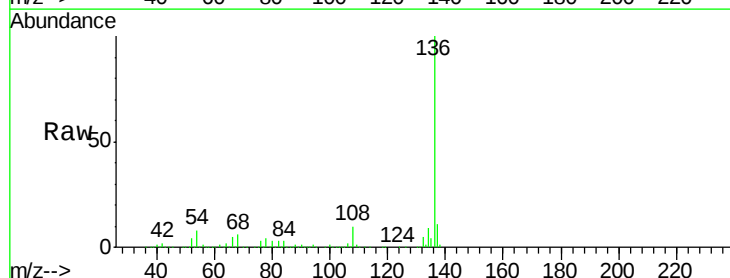
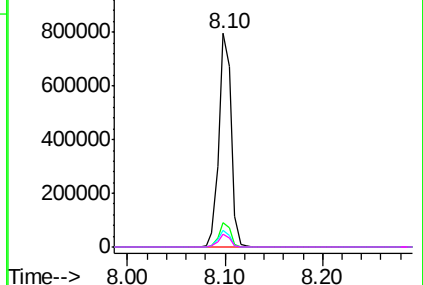
68 6.1 4.0 6.0#

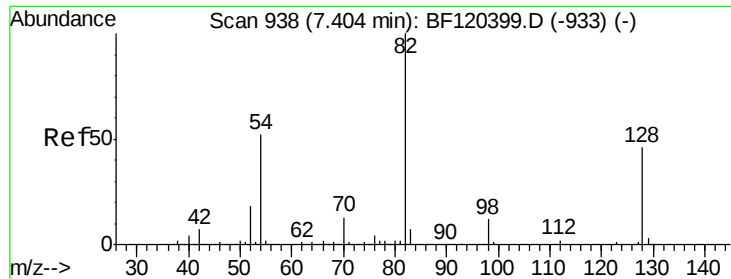
Abundance Ion 136.00 (135.70 to 136.70): E

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





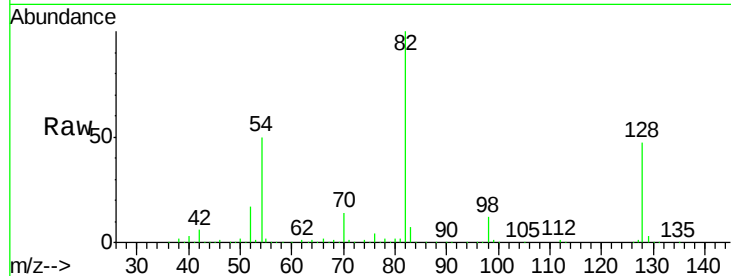
#23
Nitrobenzene-d5
Concen: 63.053 ng
RT: 7.38 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF120562.D
Acq: 5 Jun 2020 16:26

Instrument :
BNA_F
ClientSampleId :
CHRT-24245

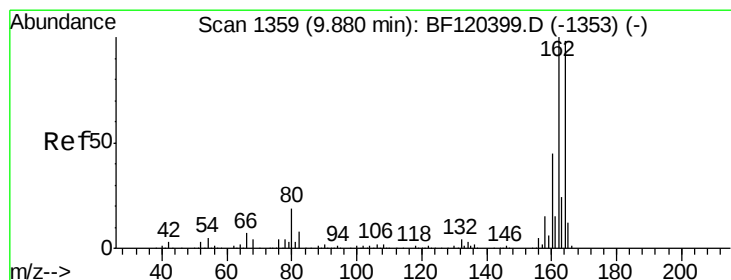
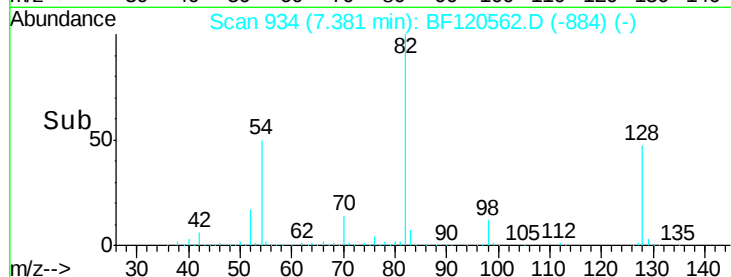
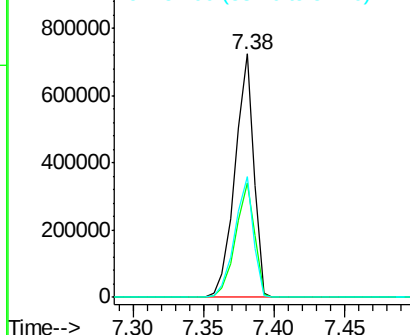
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	38.6	57.8
54	49.7	39.5	59.3

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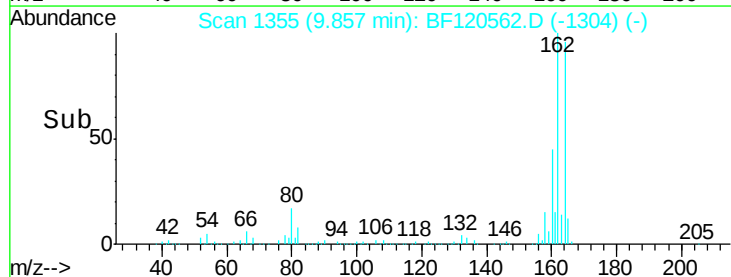
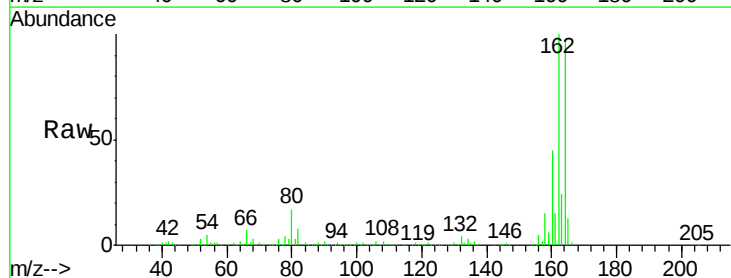
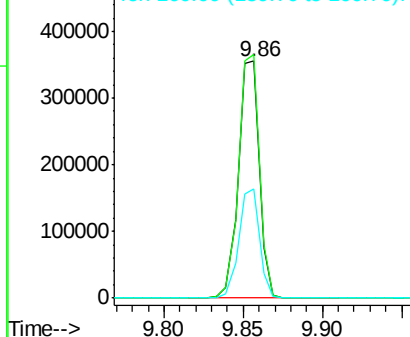
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

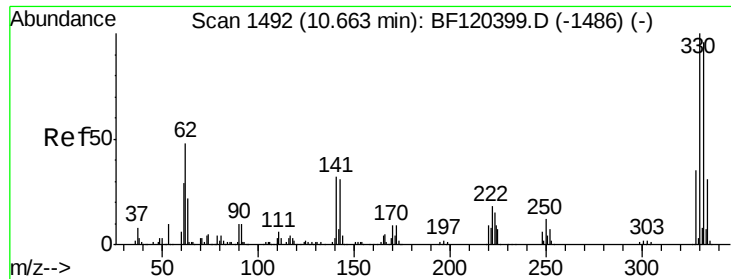


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF120562.D
Acq: 5 Jun 2020 16:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.3	120.5
160	46.0	36.6	54.8

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





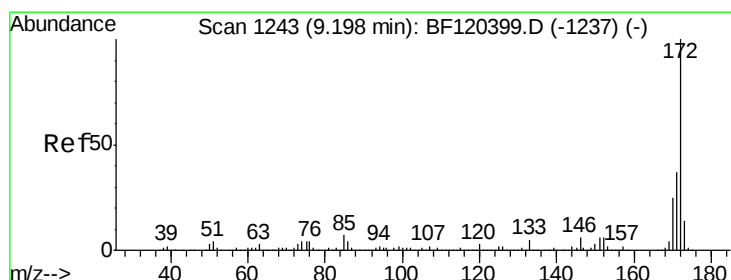
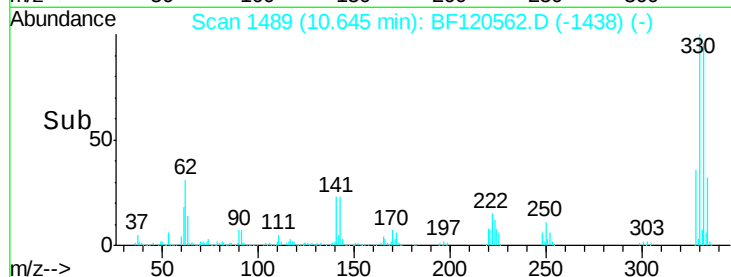
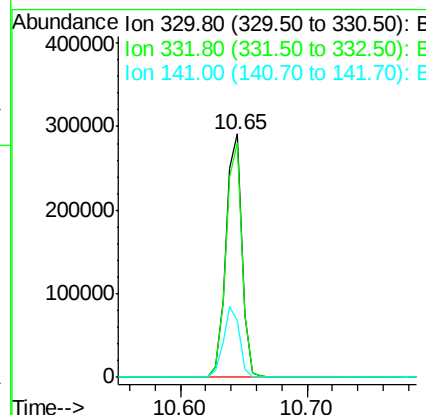
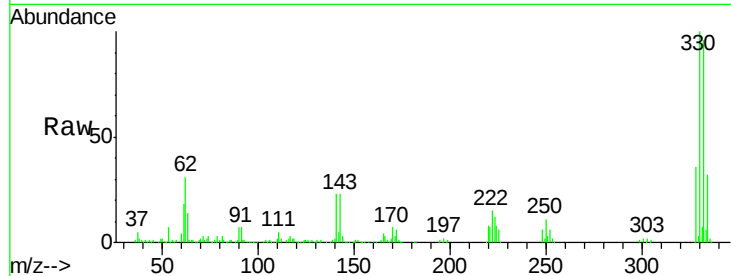
#42
 2,4,6-Tribromophenol
 Concen: 85.898 ng
 RT: 10.65 min Scan# 1489
 Delta R.T. -0.00 min
 Lab File: BF120562.D
 Acq: 5 Jun 2020 16:26

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24245

Tot Ion	Ratio	Resp	Lower	Upper
330	100	259100		
332	96.6	76.7	115.1	
141	30.1	23.9	35.9	

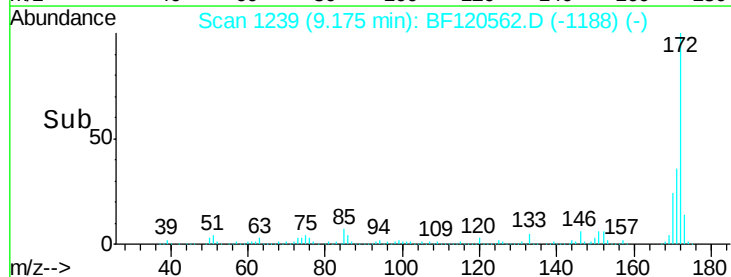
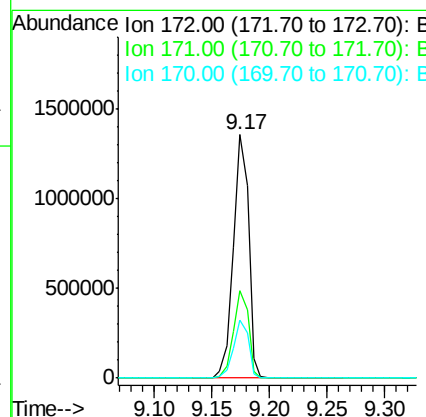
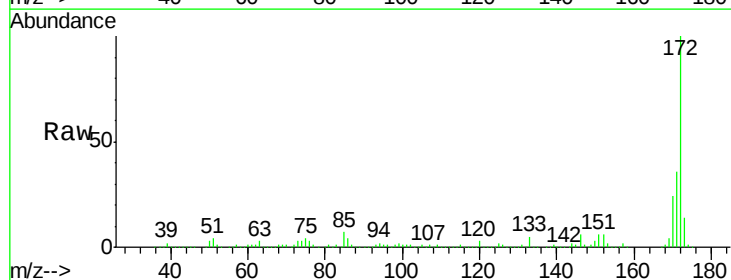
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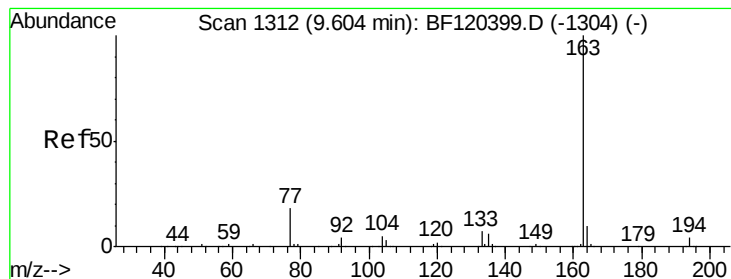
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#45
 2-Fluorobiphenyl
 Concen: 64.667 ng
 RT: 9.17 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF120562.D
 Acq: 5 Jun 2020 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1240786		
171	36.1	28.6	42.8	
170	24.1	19.0	28.6	





#50

Dimethylphthalate

Concen: 11.602 ng

RT: 9.57 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF120562.D

Acq: 5 Jun 2020 16:26

Instrument :

BNA_F

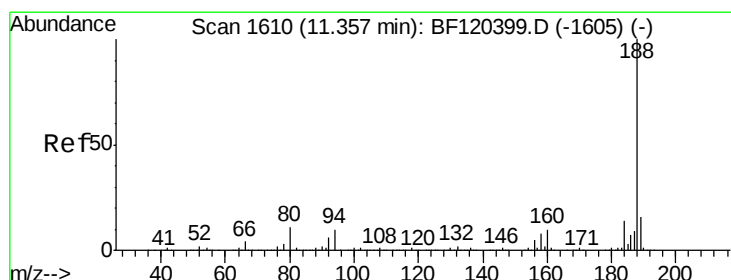
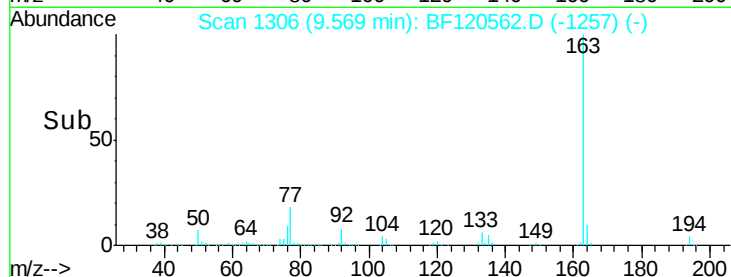
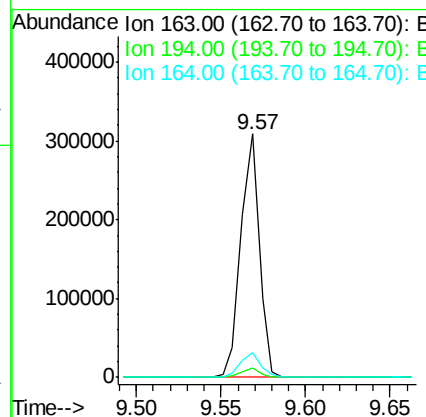
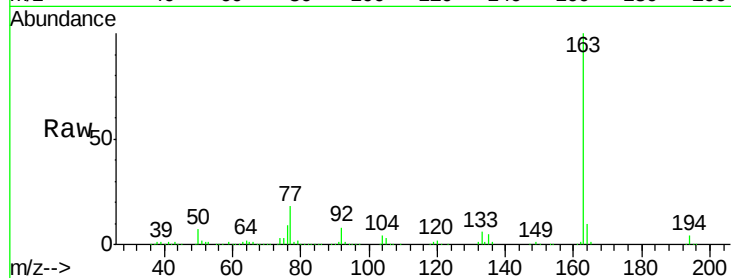
ClientSampleId :

CHRT-24245

Tot Ion:	163	Resp:	236120
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.3	4.9
164	10.3	7.8	11.8

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#64

Phenanthrene-d10

Concen: 20.000 ng

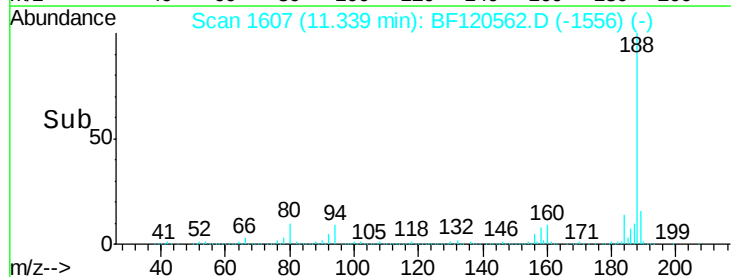
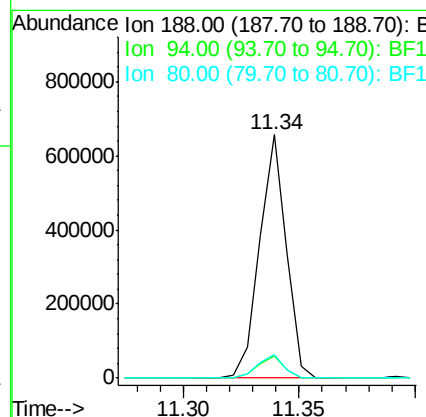
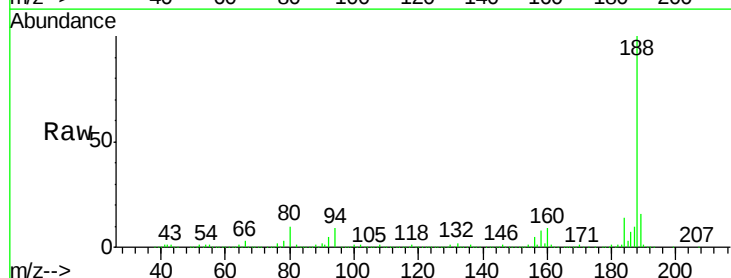
RT: 11.34 min Scan# 1607

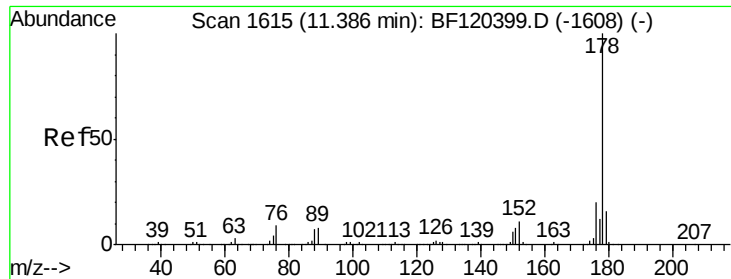
Delta R.T. -0.00 min

Lab File: BF120562.D

Acq: 5 Jun 2020 16:26

Tgt Ion:	188	Resp:	530684
Ion Ratio	Lower	Upper	
188	100		
94	9.1	7.0	10.6
80	9.6	7.4	11.0





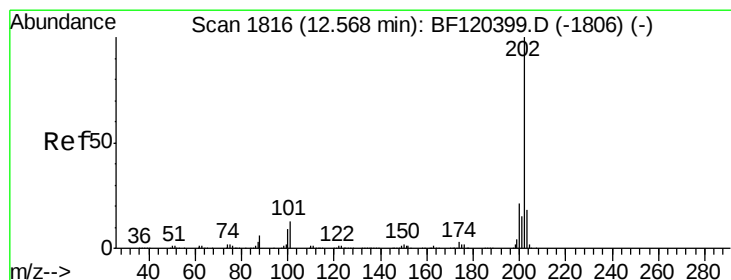
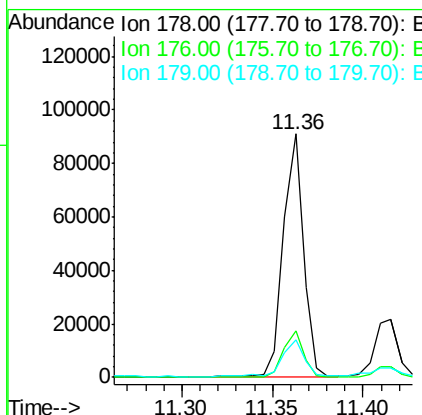
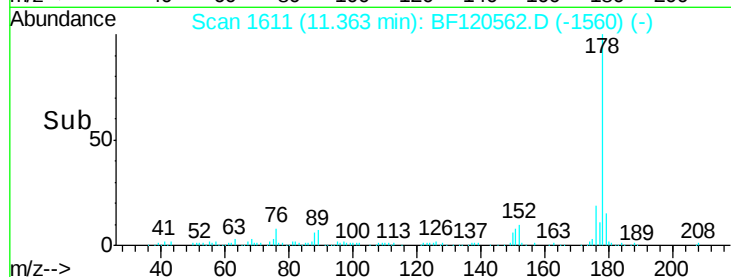
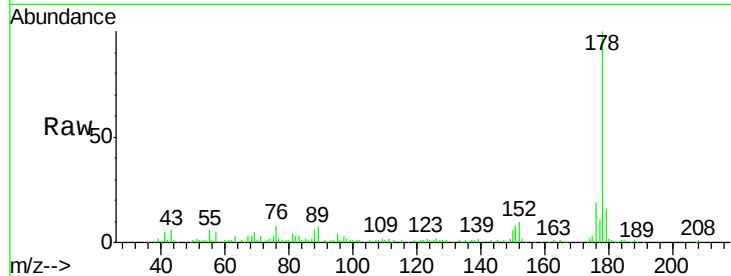
#71
Phenanthrene
Concen: 3.048 ng
RT: 11.36 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BF120562.D
Acq: 5 Jun 2020 16:26

Instrument :
BNA_F
ClientSampleId :
CHRT-24245

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	15.5	12.5	18.7

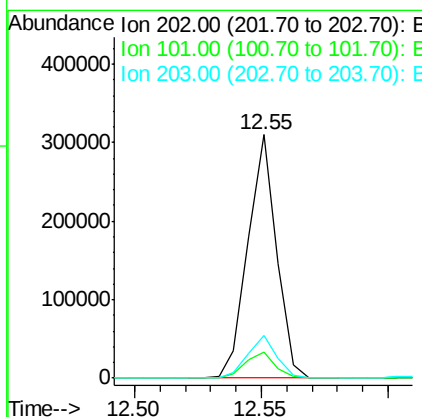
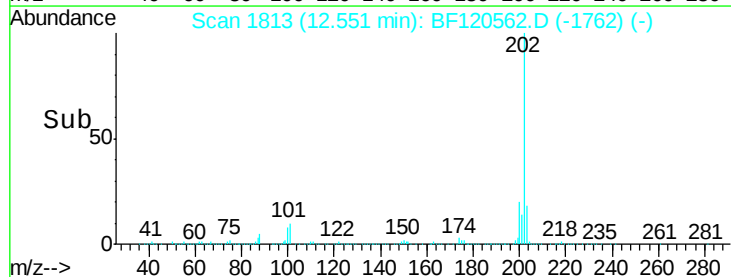
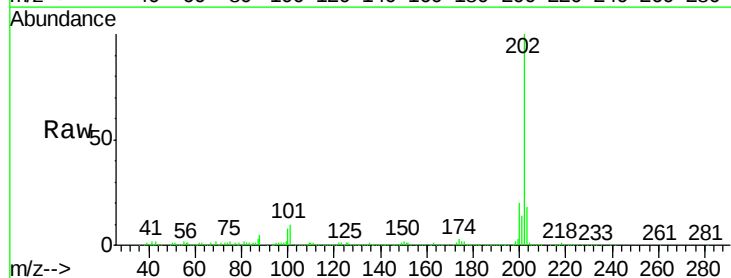
Manual Integrations
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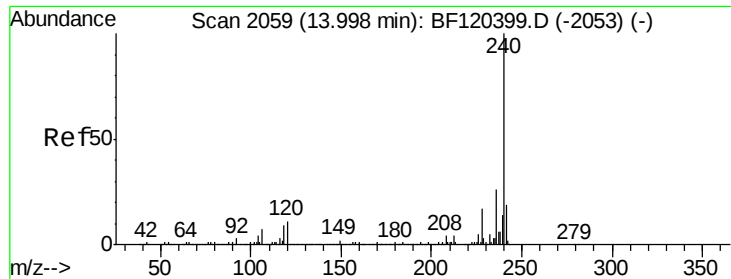
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#75
Fluoranthene
Concen: 9.644 ng
RT: 12.55 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BF120562.D
Acq: 5 Jun 2020 16:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	32.2
203	17.8	0.0	38.4





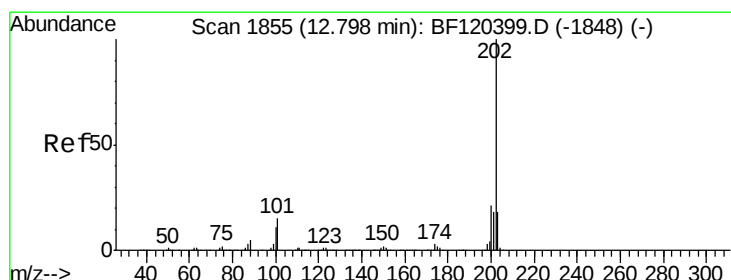
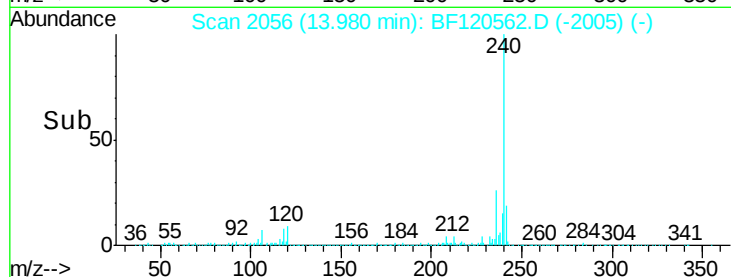
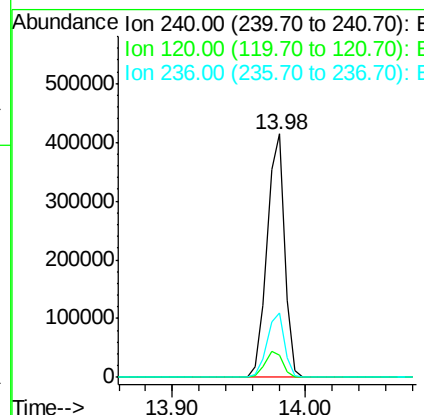
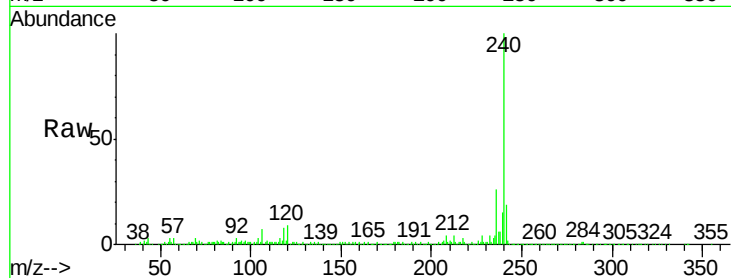
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BF120562.D
Acq: 5 Jun 2020 16:26

Instrument :
BNA_F
ClientSampleId :
CHRT-24245

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.1	13.7
236	26.3	21.3	31.9

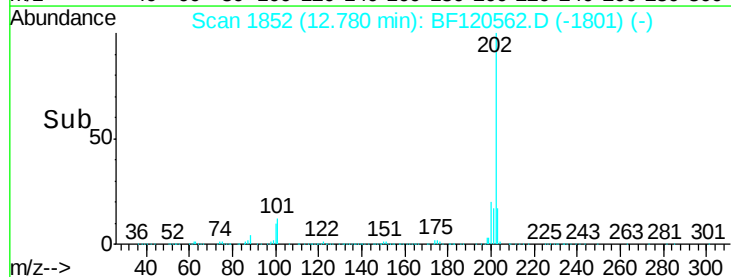
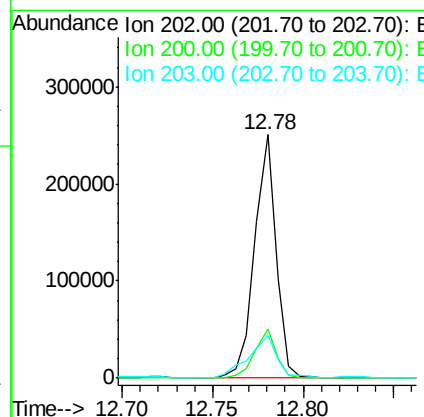
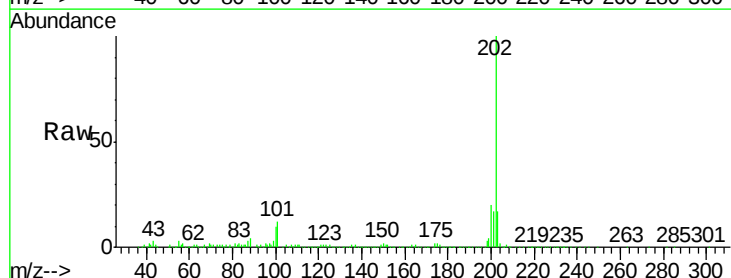
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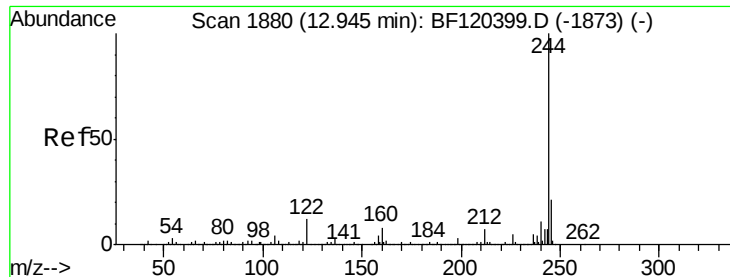
mohammad
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#78
Pyrene
Concen: 7.966 ng
RT: 12.78 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BF120562.D
Acq: 5 Jun 2020 16:26

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	24.8
203	17.3	14.4	21.6





#79

Terphenyl-d14

Concen: 64.157 ng

RT: 12.93 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BF120562.D

Acq: 5 Jun 2020 16:26

Instrument :

BNA_F

ClientSampleId :

CHRT-24245

Tot Ion:244 Resp: 1071127

Ion Ratio Lower Upper

244 100

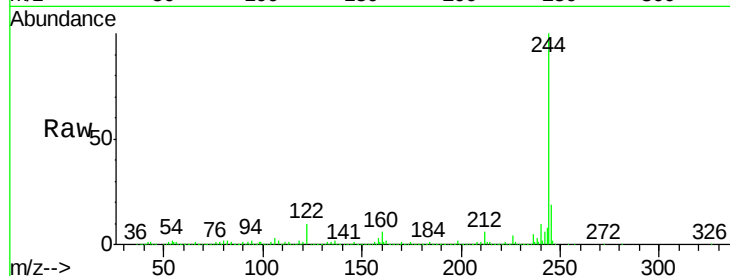
212 6.4 5.3 7.9

122 9.6 8.4 12.6

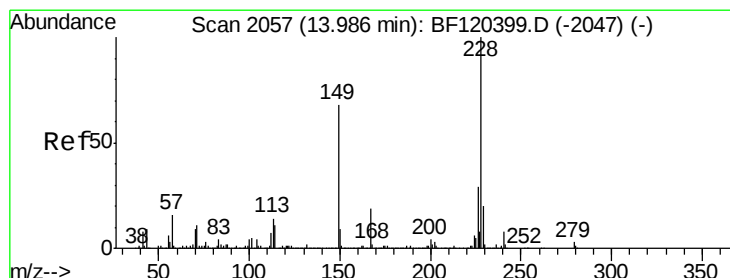
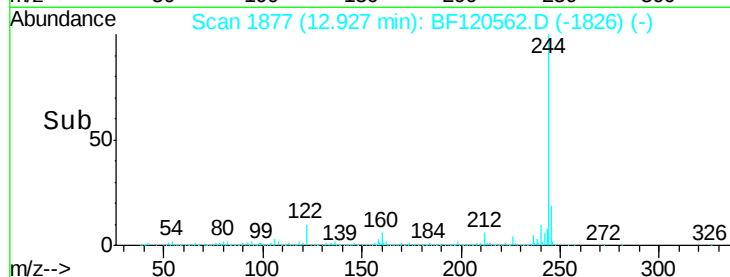
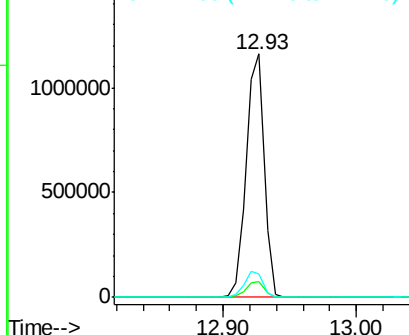
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 5.559 ng

RT: 13.97 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BF120562.D

Acq: 5 Jun 2020 16:26

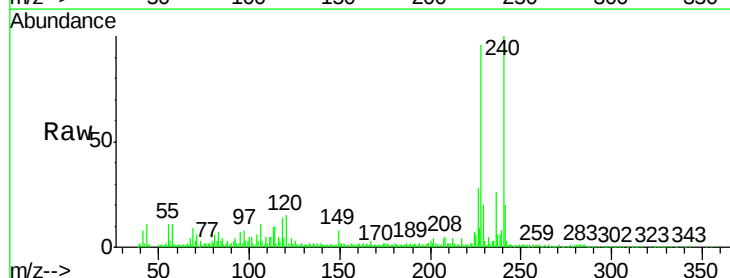
Tgt Ion:228 Resp: 110689

Ion Ratio Lower Upper

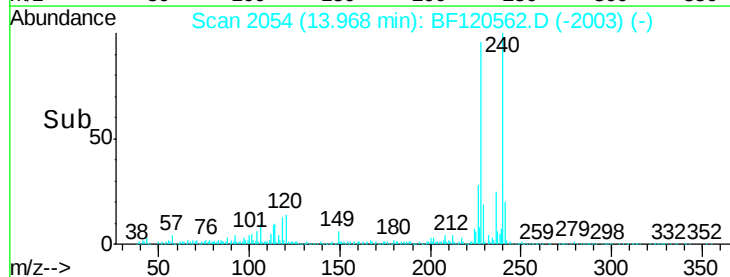
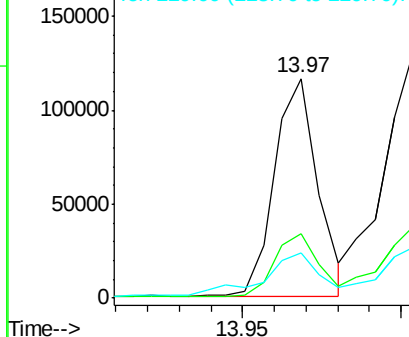
228 100

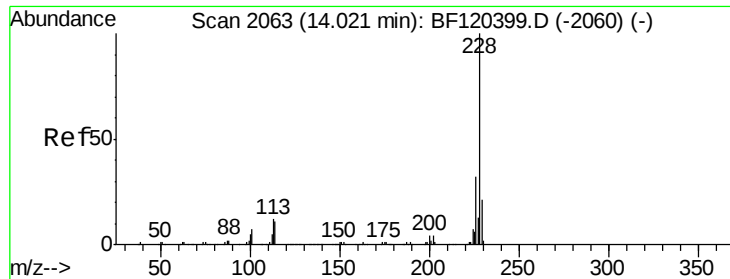
226 29.3 22.7 34.1

229 20.7 16.2 24.4



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





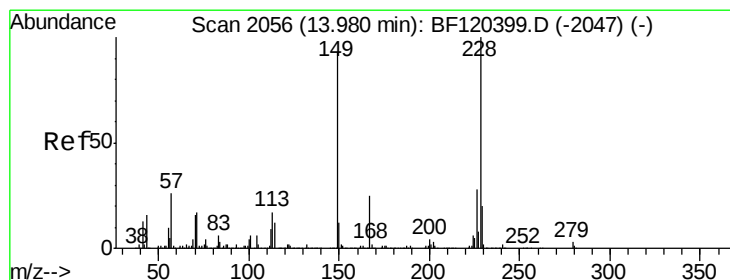
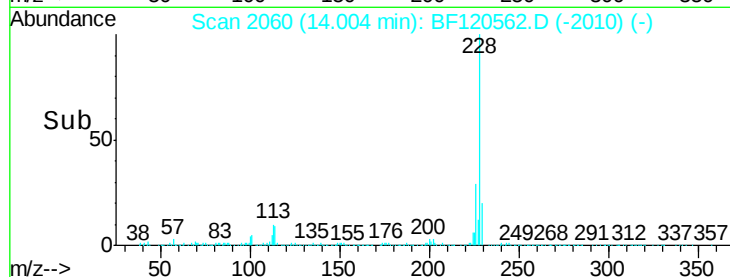
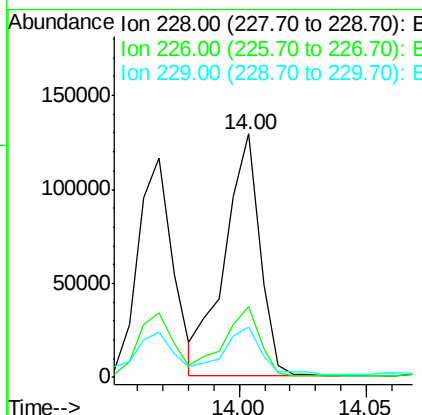
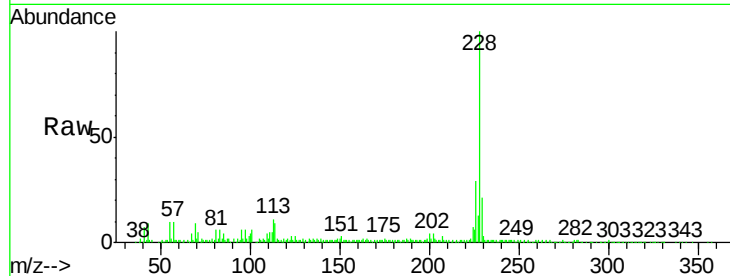
#83
Chrysene
Concen: 5.943 ng
RT: 14.00 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BF120562.D
Acq: 5 Jun 2020 16:26

Instrument :
BNA_F
ClientSampleId :
CHRT-24245

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.7	37.1
229	20.6	15.6	23.4

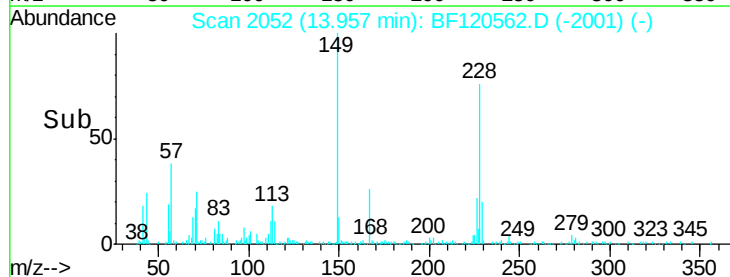
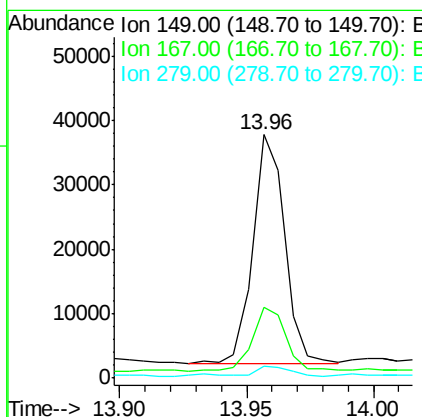
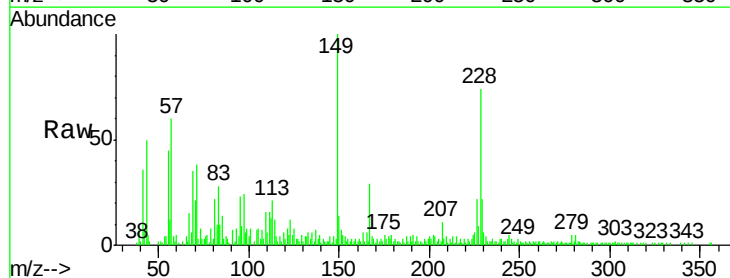
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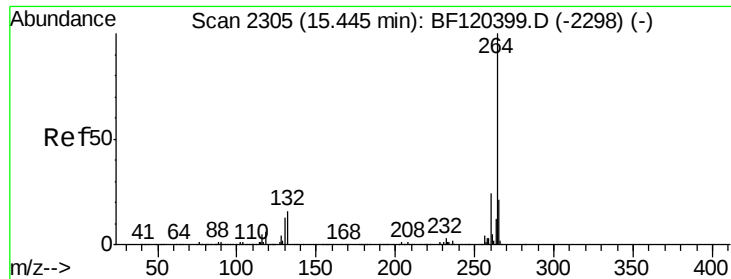
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.488 ng
RT: 13.96 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF120562.D
Acq: 5 Jun 2020 16:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	21.8	32.6
279	4.7	2.7	4.1#





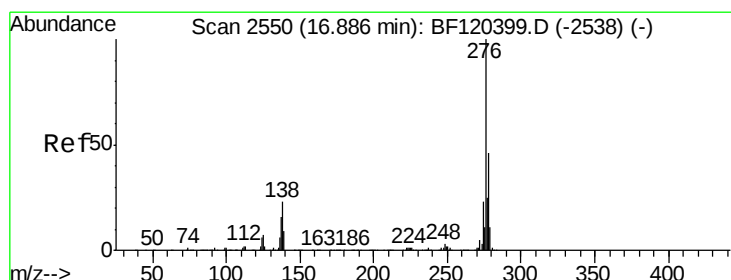
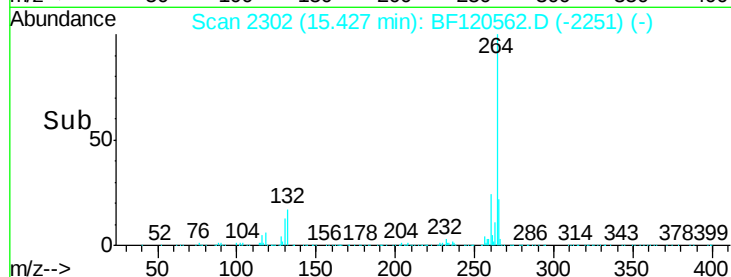
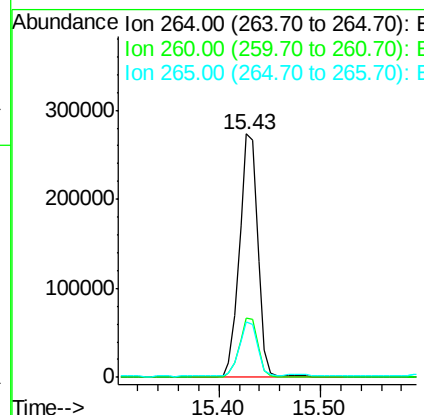
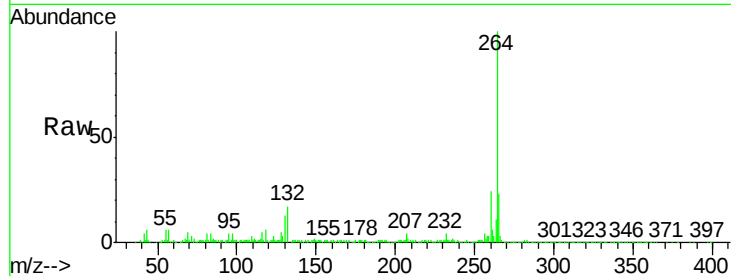
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BF120562.D
Acq: 5 Jun 2020 16:26

Instrument :
BNA_F
ClientSampleId :
CHRT-24245

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	22.6	17.2	25.8

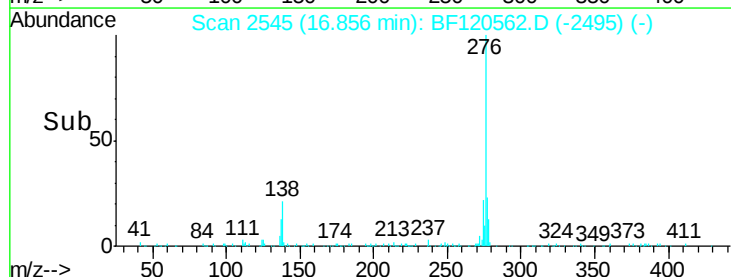
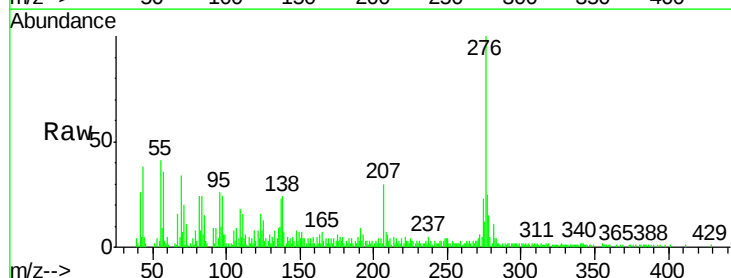
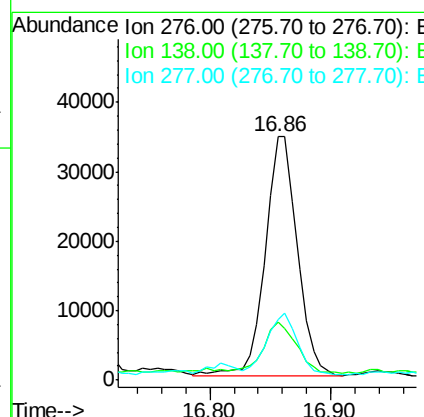
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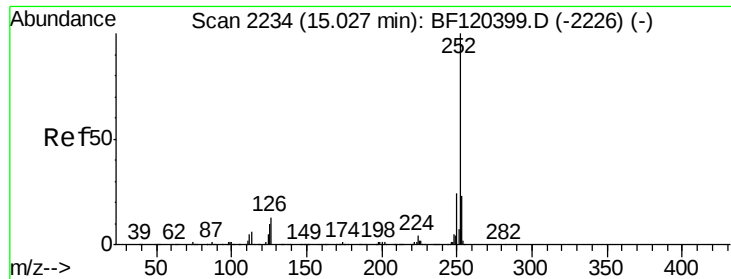
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.411 ng
RT: 16.86 min Scan# 2545
Delta R.T. -0.01 min
Lab File: BF120562.D
Acq: 5 Jun 2020 16:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.4	17.8	26.8
277	24.7	20.1	30.1





#88

Benzo(b)fluoranthene

Concen: 9.083 ng m

RT: 15.01 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BF120562.D

Acq: 5 Jun 2020 16:26

Instrument :

BNA_F

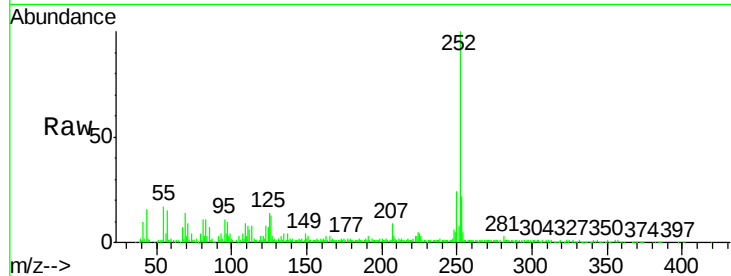
ClientSampleId :

CHRT-24245

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	13.7	6.7	10.1#

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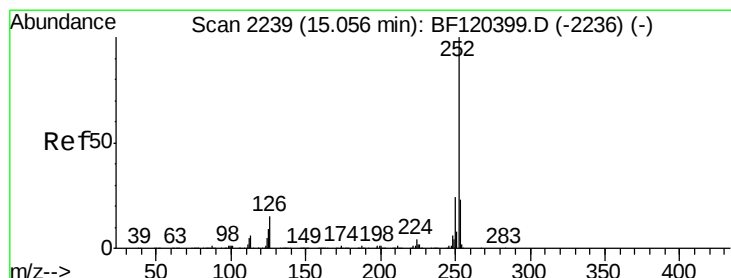
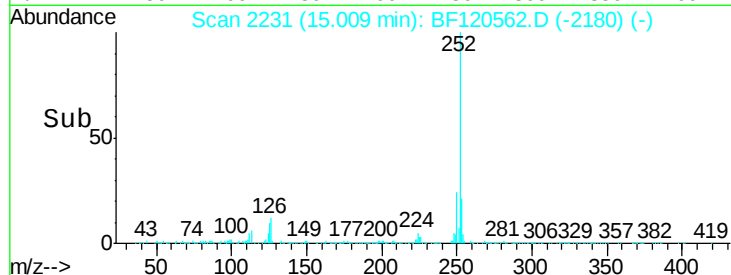
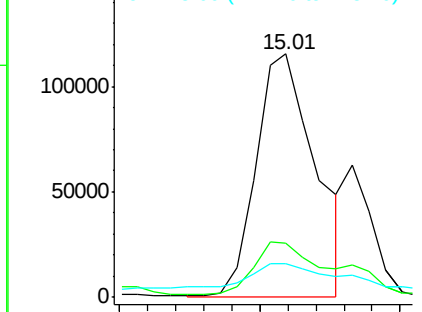


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 2.455 ng m

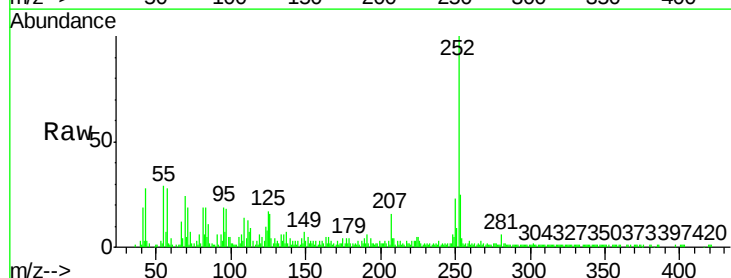
RT: 15.03 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF120562.D

Acq: 5 Jun 2020 16:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.4	26.0
125	16.7	6.8	10.2#

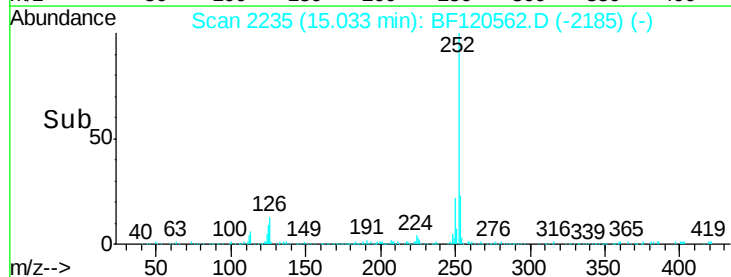
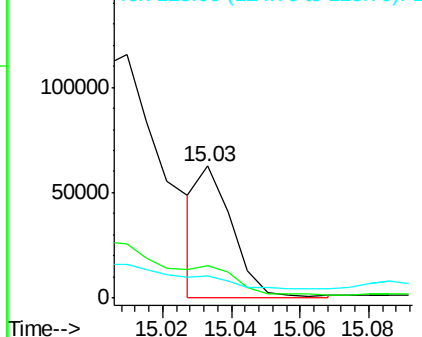


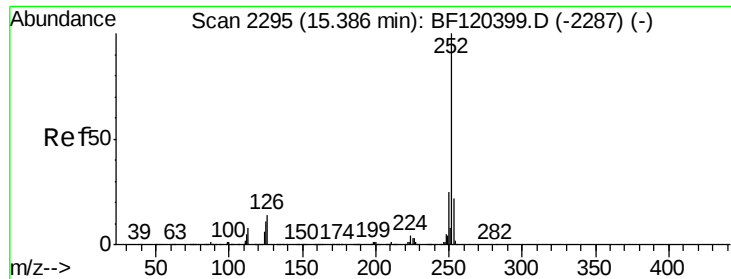
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





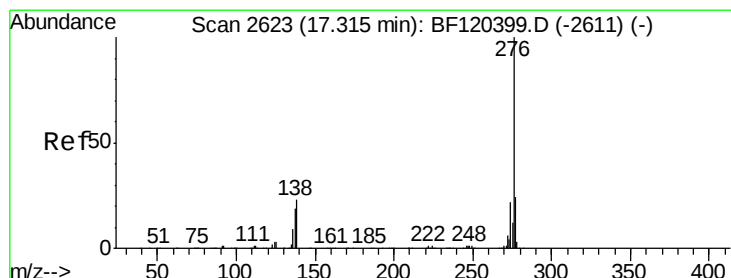
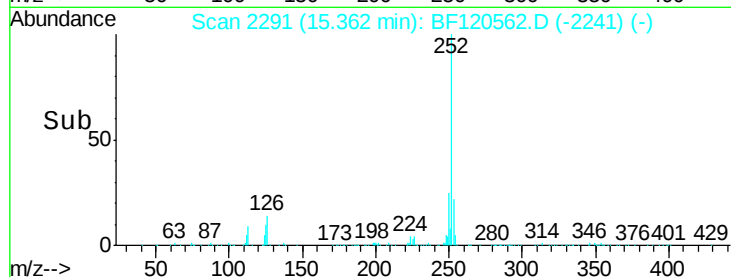
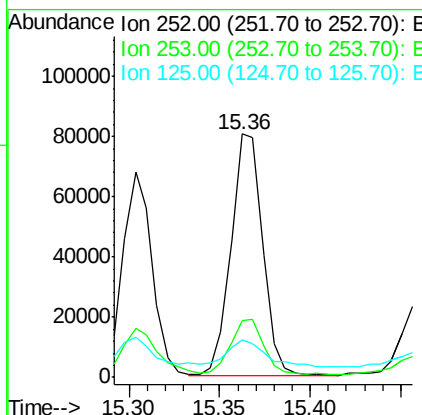
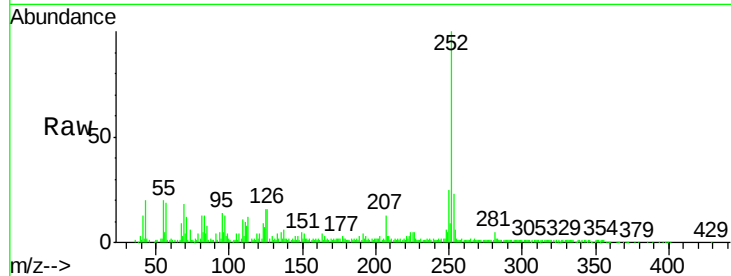
#90
Benzo(a)pyrene
Concen: 5.887 ng
RT: 15.36 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF120562.D
Acq: 5 Jun 2020 16:26

Instrument :
BNA_F
ClientSampleId :
CHRT-24245

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	15.5	7.8	11.8

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#92
Benzo(g,h,i)perylene
Concen: 4.084 ng
RT: 17.29 min Scan# 2619
Delta R.T. -0.01 min
Lab File: BF120562.D
Acq: 5 Jun 2020 16:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.0	18.8	28.2
138	22.2	15.4	23.0

