

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120738.D
 Acq On : 29 Jun 2020 20:14
 Operator : JU/CG
 Sample : L3128-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 78-64

Manual Integrations
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Quant Time: Jun 30 04:34:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	131305	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	464142	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	136620	20.00	ng	0.02
64) Phenanthrene-d10	11.36	188	106549	20.00	ng	0.05
76) Chrysene-d12	13.98	240	134218	20.00	ng	0.02
86) Perylene-d12	15.42	264	159581	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	625487	81.67	ng	0.08
7) Phenol-d6	6.51	99	964808	101.14	ng	0.08
23) Nitrobenzene-d5	7.36	82	606847	73.08	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	101601	63.96	ng	0.05
45) 2-Fluorobiphenyl	9.16	172	1076623	120.57	ng	0.00
79) Terphenyl-d14	12.94	244	438778	72.21	ng	0.04
Target Compounds						
50) Dimethylphthalate	9.56	163	111459	11.328	ng	# 74
71) Phenanthrene	11.39	178	31107	5.873	ng	# 1
75) Fluoranthene	12.58	202	72436	11.962	ng	# 79
78) Pyrene	12.80	202	64967	6.833	ng	# 79
81) Benzo(a)anthracene	13.97	228	47626	5.906	ng	# 94
83) Chrysene	14.00	228	50528	6.109	ng	# 95
84) Bis(2-ethylhexyl)phthalate	13.95	149	14779	2.868	ng	# 87
87) Indeno(1,2,3-cd)pyrene	16.84	276	32761m	3.375	ng	
88) Benzo(b)fluoranthene	15.00	252	81626m	8.587	ng	
89) Benzo(k)fluoranthene	15.02	252	24144m	2.870	ng	
90) Benzo(a)pyrene	15.35	252	51202	6.019	ng	# 96
92) Benzo(a,h,i)perylene	17.27	276	31056	3.958	ng	# 95

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

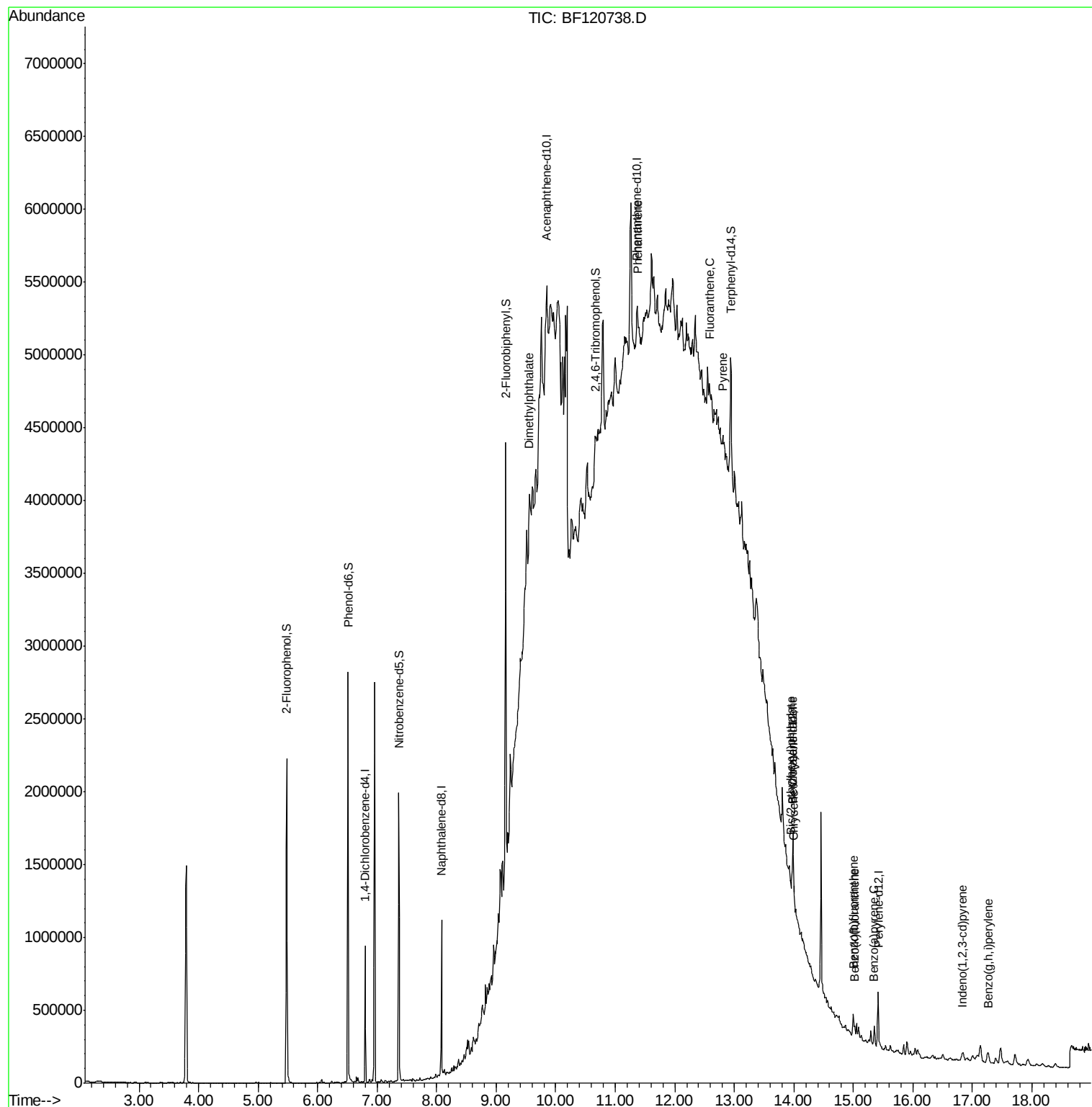
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120738.D
Acq On : 29 Jun 2020 20:14
Operator : JU/CG
Sample : L3128-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

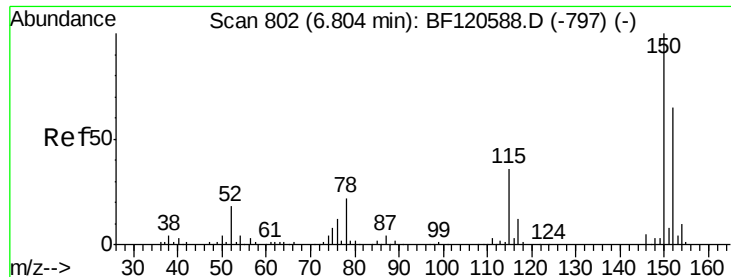
Instrument :
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ClientSampleId :
78-64

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

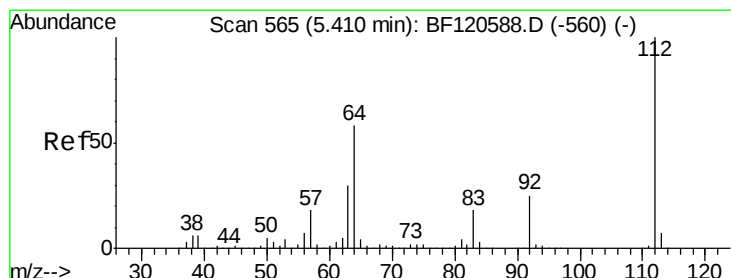
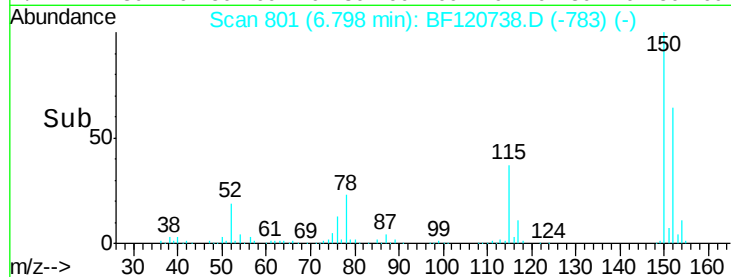
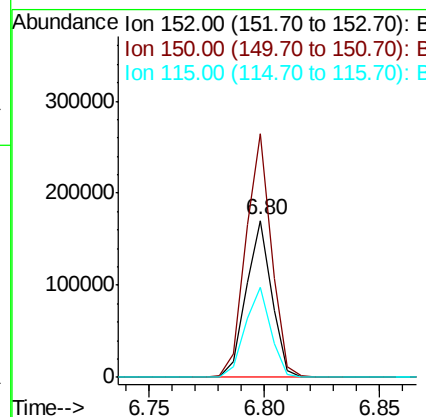
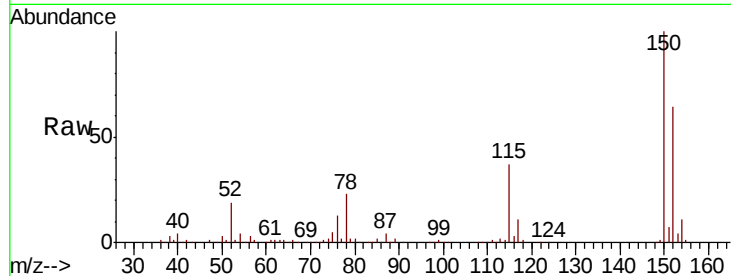
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF120738.D
Acq: 29 Jun 2020 20:14

Instrument :
BNA_F
ClientSampleId :
78-64

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	187.0
115	57.5	44.2	66.4

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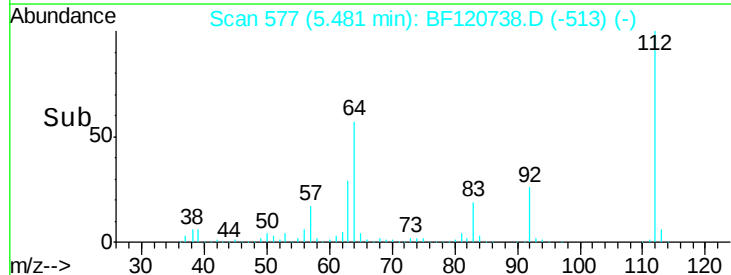
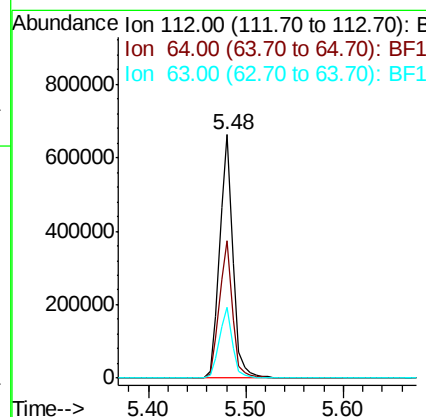
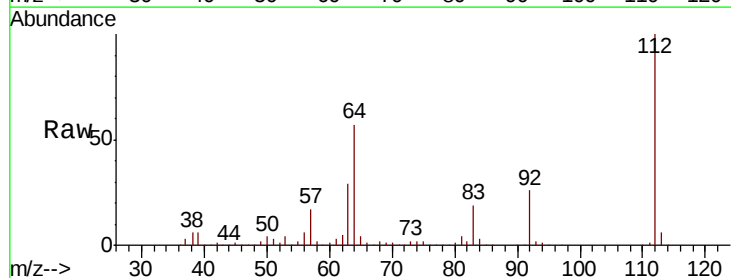
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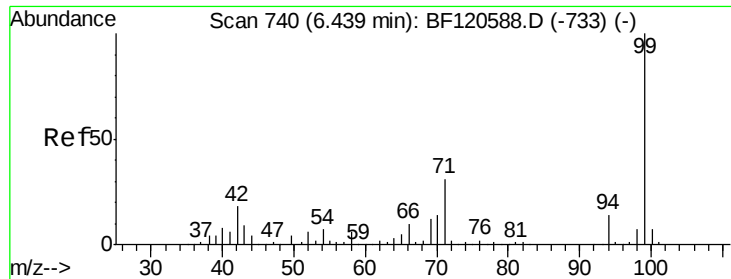


#5

2-Fluorophenol
Concen: 81.670 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.08 min
Lab File: BF120738.D
Acq: 29 Jun 2020 20:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	42.2	63.2
63	29.0	21.7	32.5





#7

Phenol-d6

Concen: 101.145 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.08 min

Lab File: BF120738.D

Acq: 29 Jun 2020 20:14

Instrument :

BNA_F

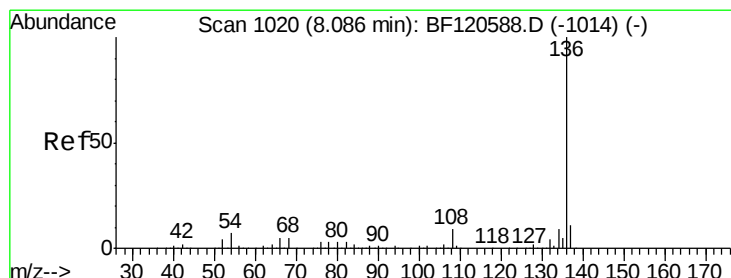
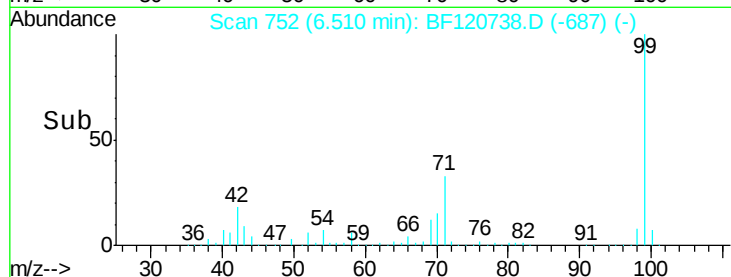
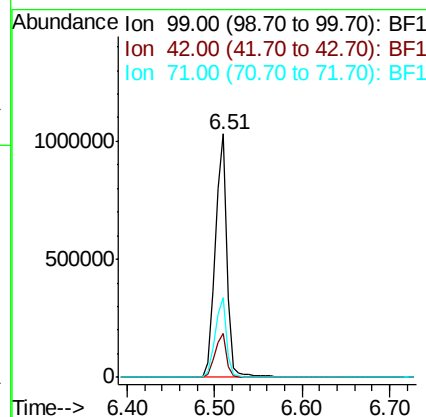
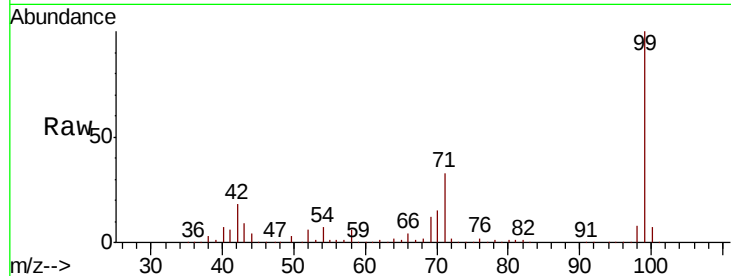
ClientSampled :

78-64

Tot Ion:	99	Resp:	964808
Ion Ratio	Lower	Upper	
99	100		
42	17.8	14.2	21.4
71	33.0	25.4	38.2

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#21

Naphthalene-d8

Concen: 20.000 ng

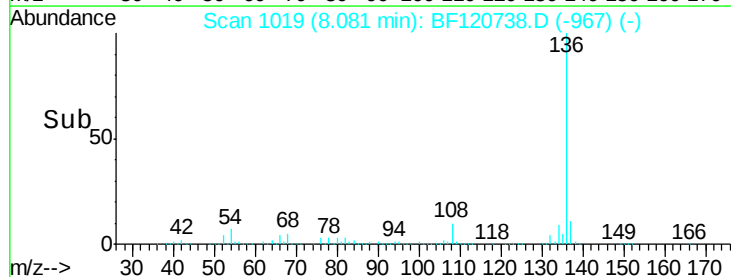
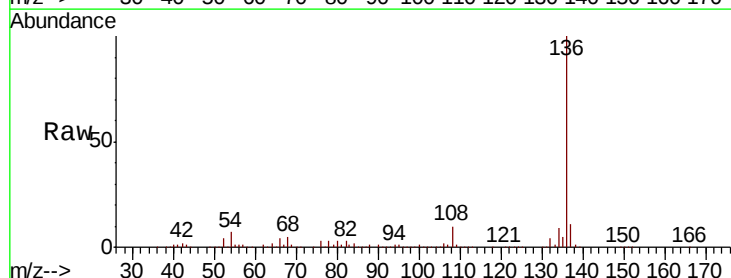
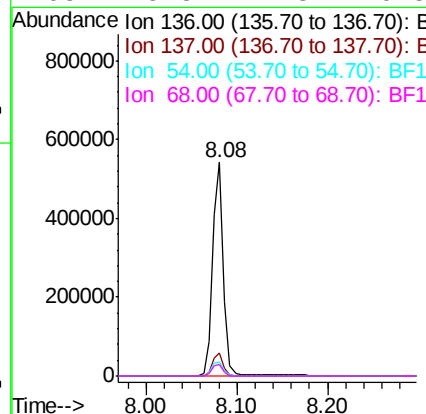
RT: 8.08 min Scan# 1019

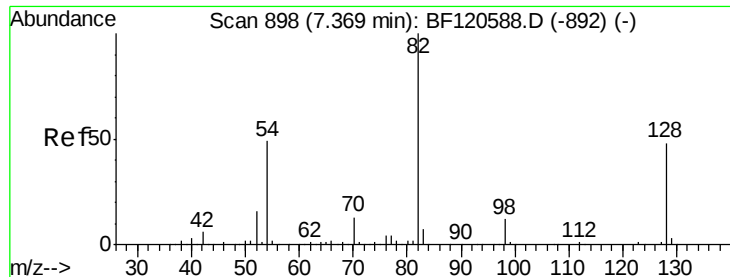
Delta R.T. 0.01 min

Lab File: BF120738.D

Acq: 29 Jun 2020 20:14

Tgt Ion:	136	Resp:	464142
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	12.8
54	6.8	5.3	7.9
68	5.3	4.3	6.5





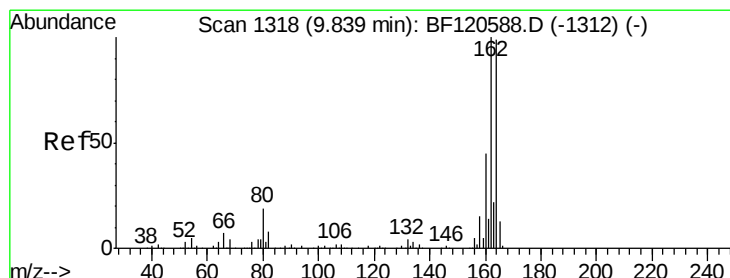
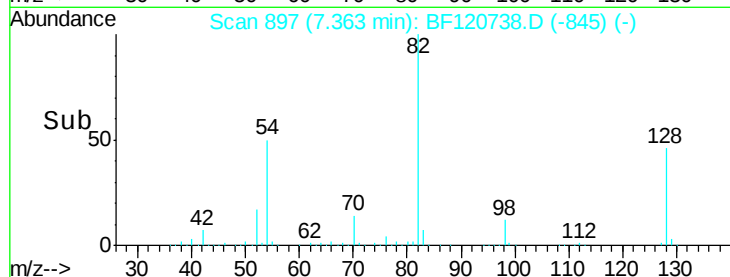
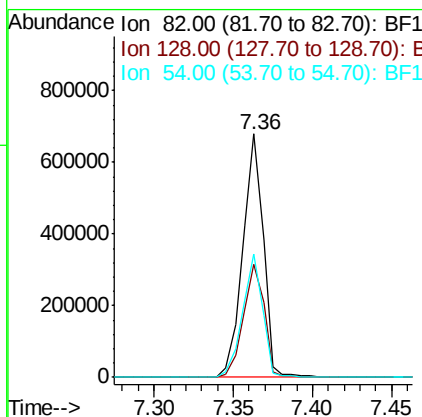
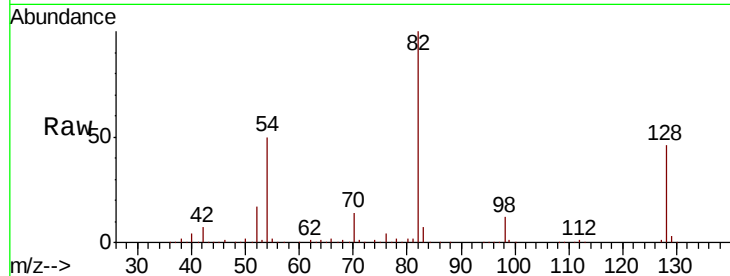
#23
 Nitrobenzene-d5
 Concen: 73.083 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.01 min
 Lab File: BF120738.D
 Acq: 29 Jun 2020 20:14

Instrument :
 BNA_F
 ClientSampled :
 78-64

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	38.1	57.1
54	50.4	38.8	58.2

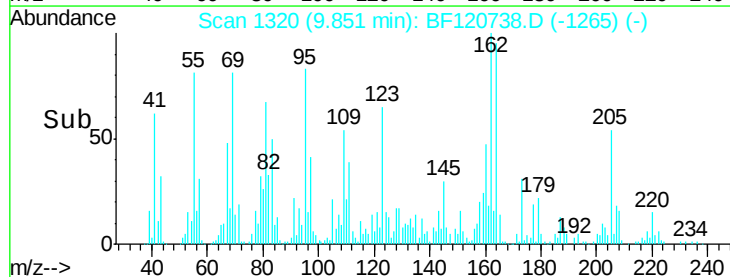
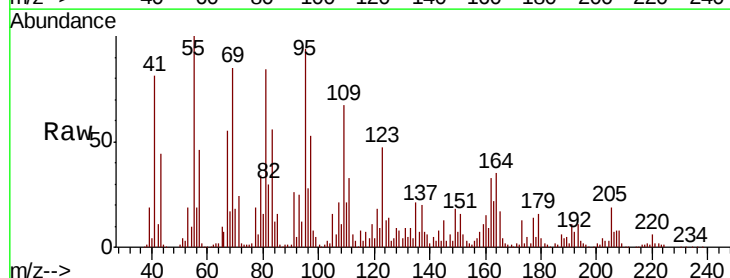
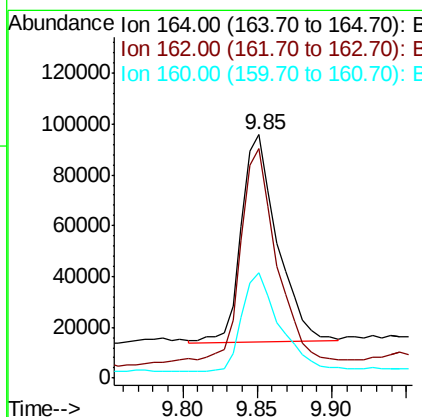
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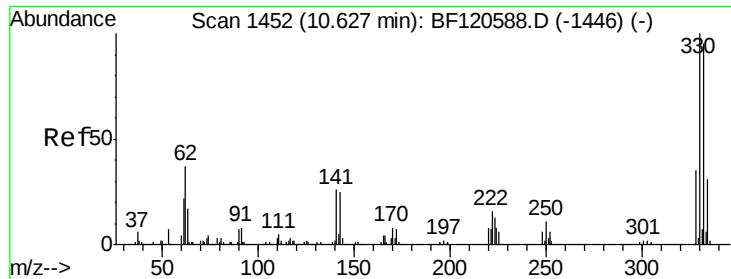
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.02 min
 Lab File: BF120738.D
 Acq: 29 Jun 2020 20:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.4	81.4	122.0
160	43.2	36.6	55.0





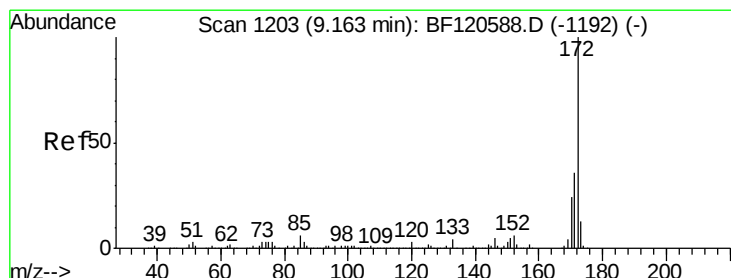
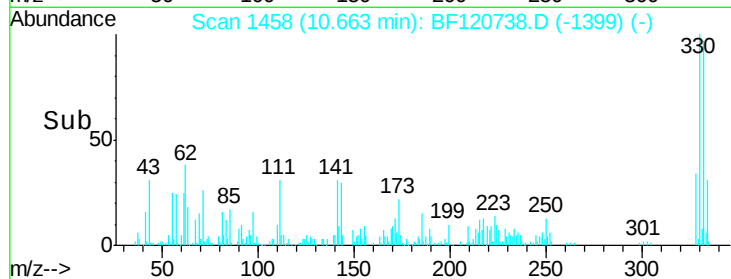
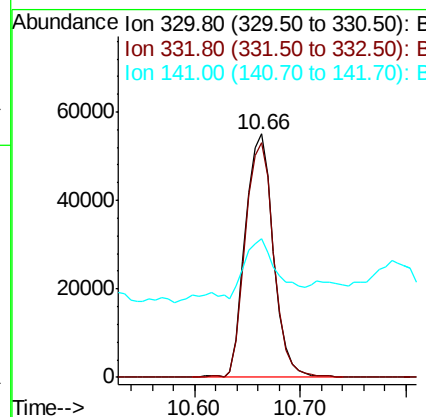
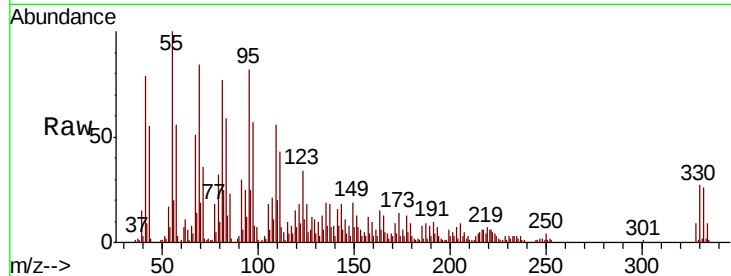
#42
 2,4,6-Tribromophenol
 Concen: 63.964 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.05 min
 Lab File: BF120738.D
 Acq: 29 Jun 2020 20:14

Instrument :
 BNA_F
 ClientSampled :
 78-64

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.4	114.6
141	28.6	23.0	34.6

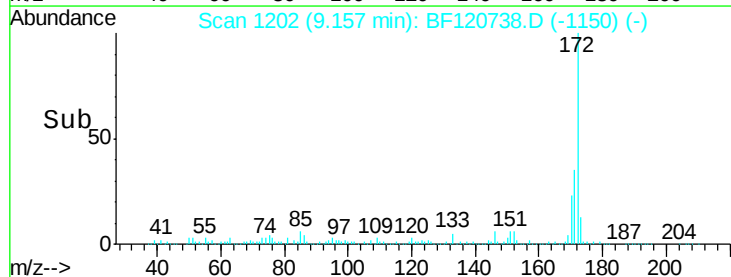
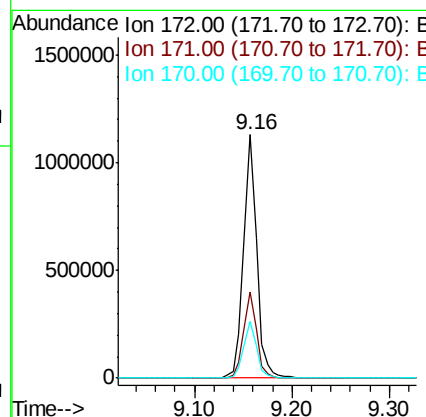
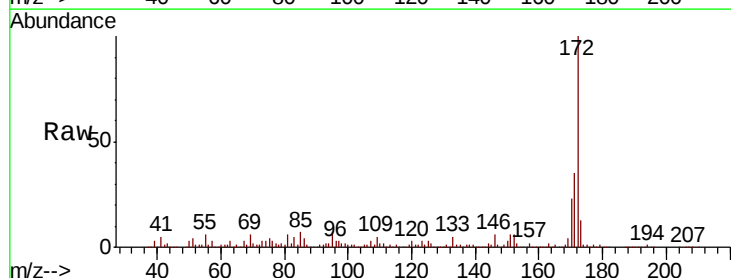
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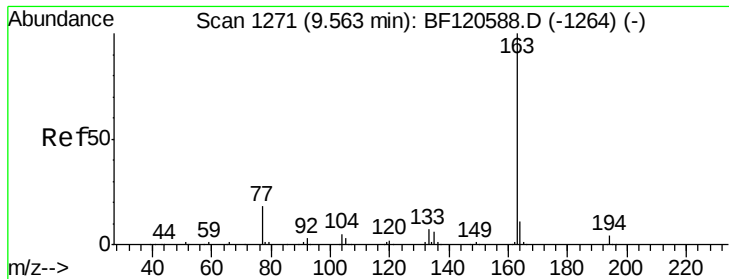
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#45
 2-Fluorobiphenyl
 Concen: 120.569 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF120738.D
 Acq: 29 Jun 2020 20:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.3	19.1	28.7





#50

Dimethylphthalate

Concen: 11.328 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF120738.D

Acq: 29 Jun 2020 20:14

Instrument :

BNA_F

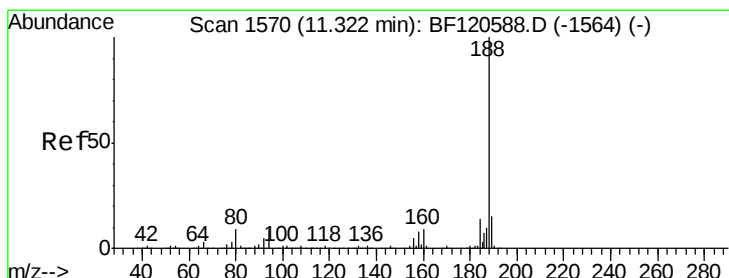
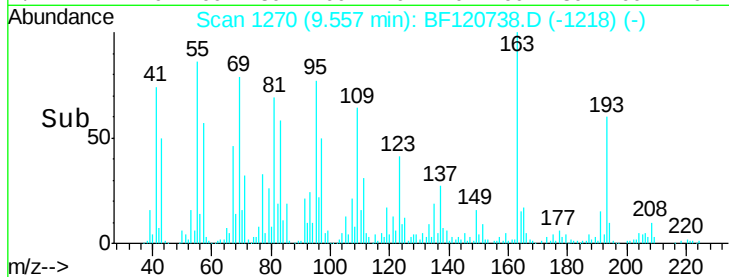
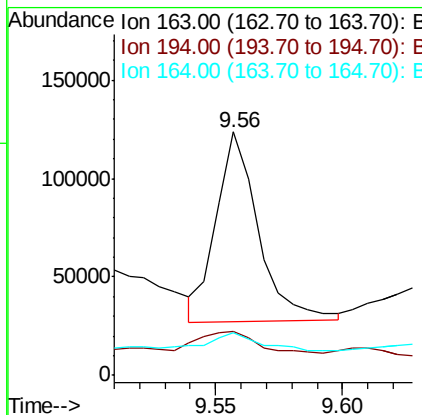
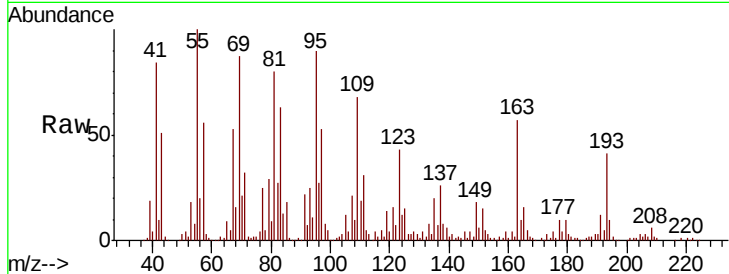
ClientSampleId :

78-64

Tot Ion:	163	Resp:	111459
Ion Ratio	Lower	Upper	
163	100		
194	18.2	3.0	4.6#
164	17.6	8.2	12.2#

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#64

Phenanthrene-d10

Concen: 20.000 ng

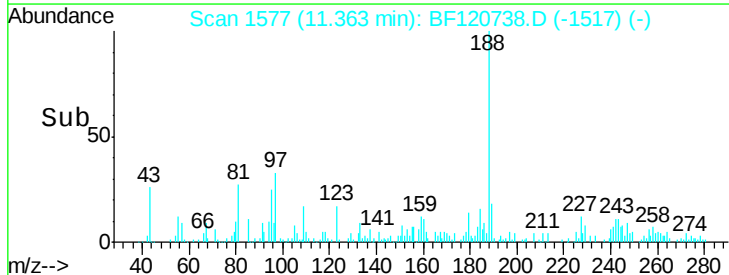
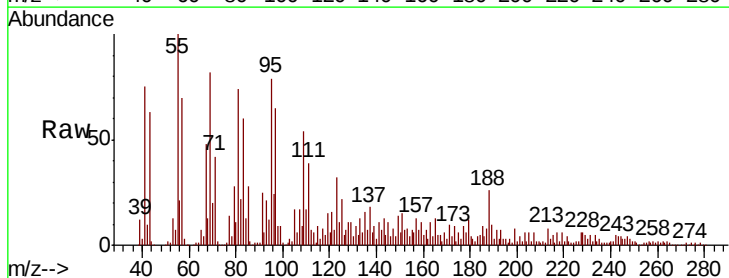
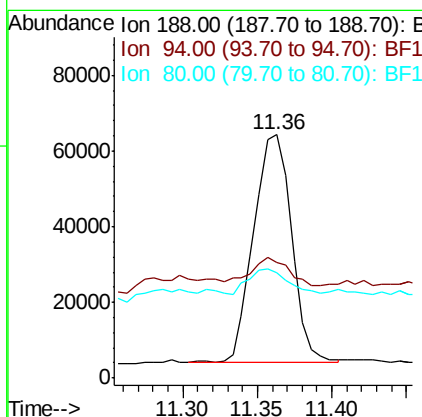
RT: 11.36 min Scan# 1577

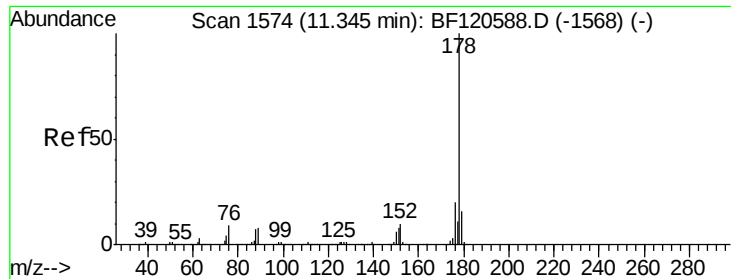
Delta R.T. 0.05 min

Lab File: BF120738.D

Acq: 29 Jun 2020 20:14

Tgt Ion:	188	Resp:	106549
Ion Ratio	Lower	Upper	
188	100		
94	47.5	7.5	11.3#
80	43.5	7.7	11.5#





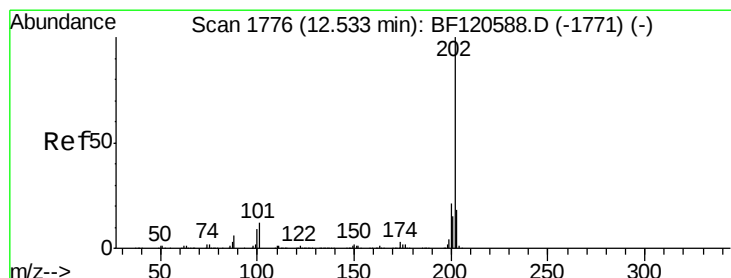
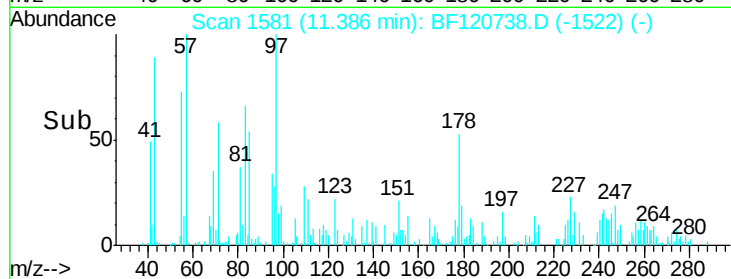
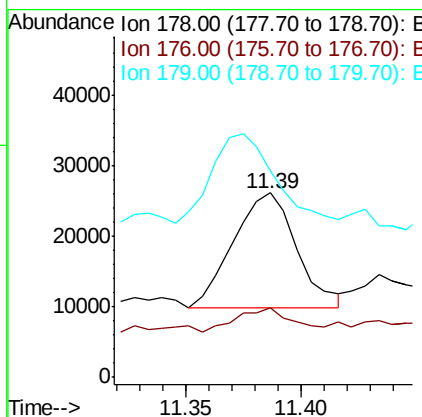
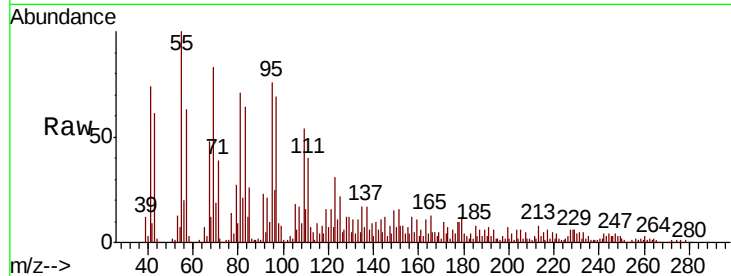
#71
Phenanthrene
Concen: 5.873 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.05 min
Lab File: BF120738.D
Acq: 29 Jun 2020 20:14

Instrument :
BNA_F
ClientSampled :
78-64

Tot Ion	Ratio	Lower	Upper
178	100		
176	38.1	15.8	23.6#
179	112.0	12.3	18.5#

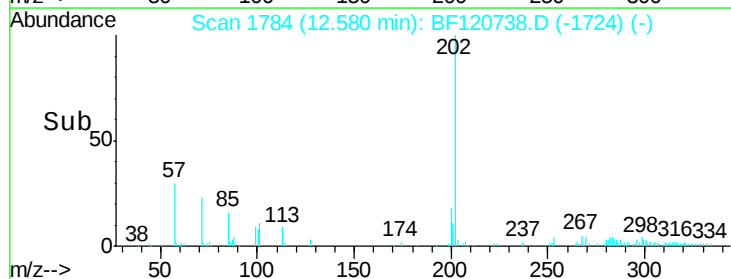
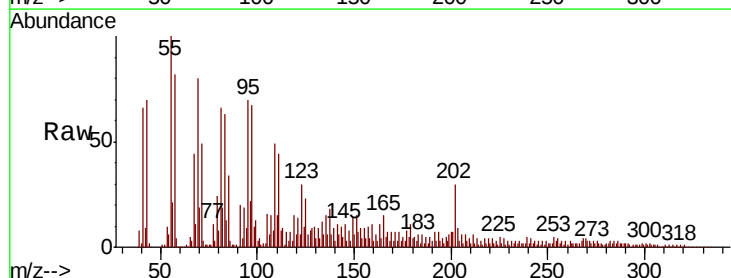
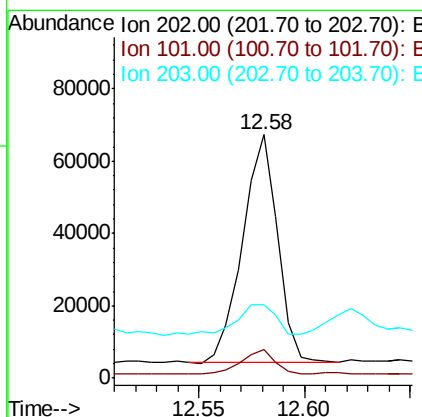
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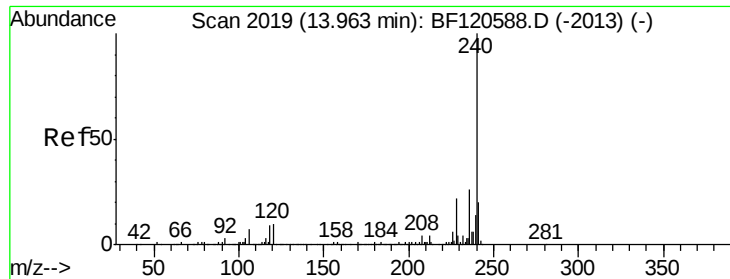
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#75
Fluoranthene
Concen: 11.962 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.05 min
Lab File: BF120738.D
Acq: 29 Jun 2020 20:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	29.8
203	30.4	0.0	37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.02 min

Lab File: BF120738.D

Acq: 29 Jun 2020 20:14

Instrument :

BNA_F

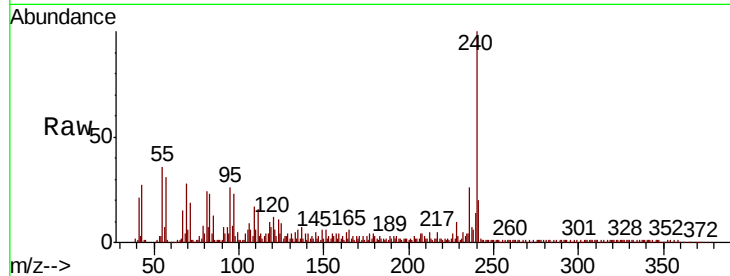
ClientSampleId :

78-64

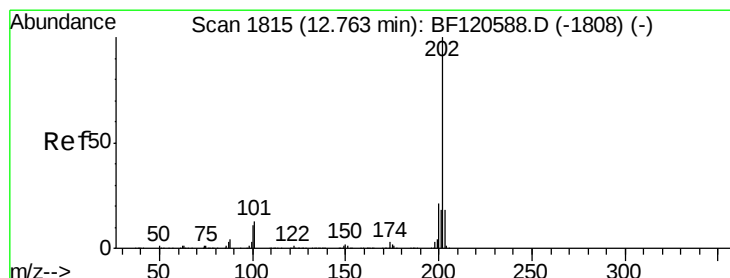
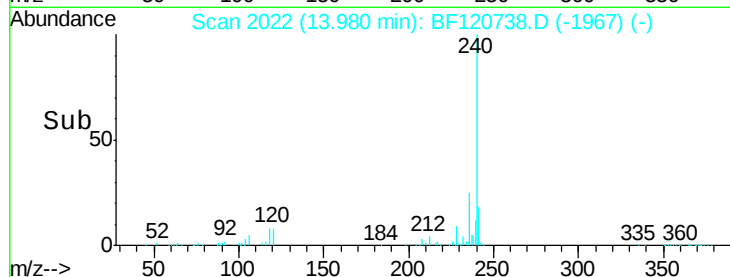
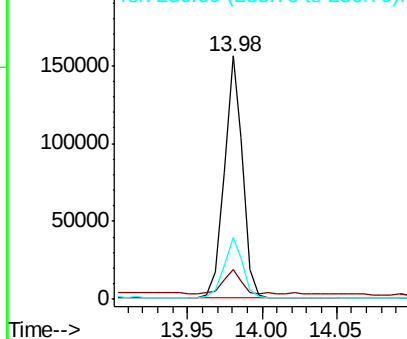
Tot Ion:	240	Resp:	134218
Ion Ratio	Lower	Upper	
240	100		
120	12.3	7.6	11.4#
236	25.6	21.0	31.4

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 6.833 ng

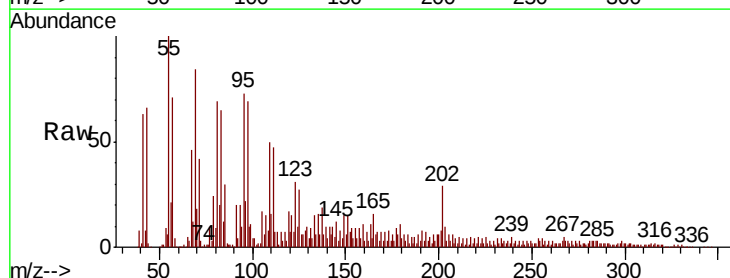
RT: 12.80 min Scan# 1822

Delta R.T. 0.05 min

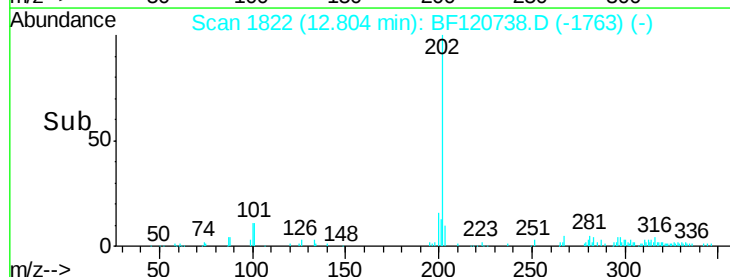
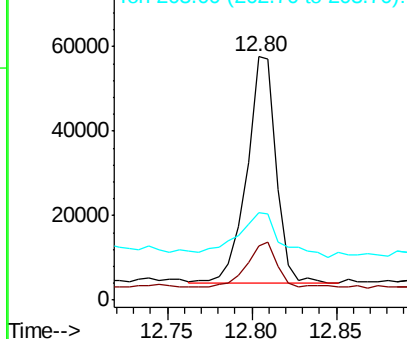
Lab File: BF120738.D

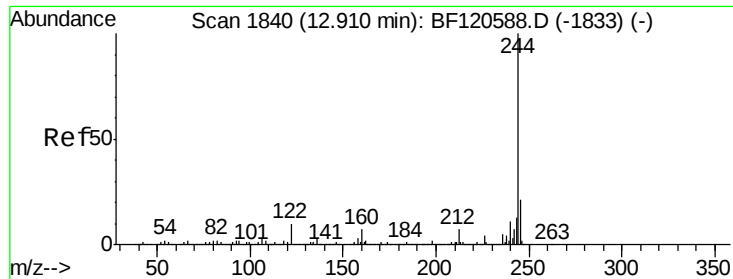
Acq: 29 Jun 2020 20:14

Tgt Ion:	202	Resp:	64967
Ion Ratio	Lower	Upper	
202	100		
200	22.2	16.6	25.0
203	35.8	14.2	21.2#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





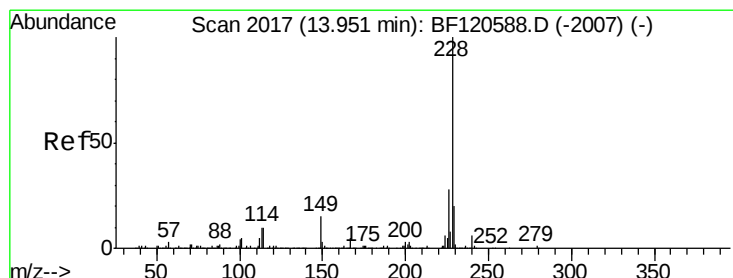
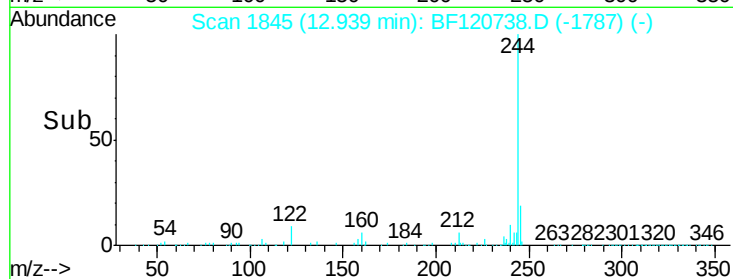
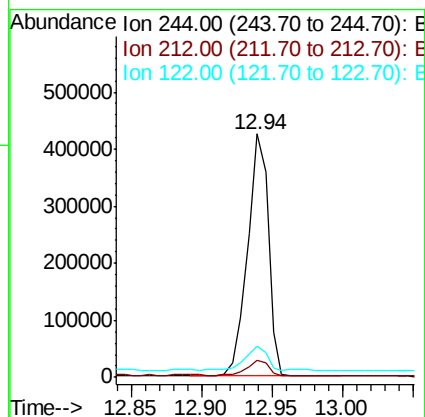
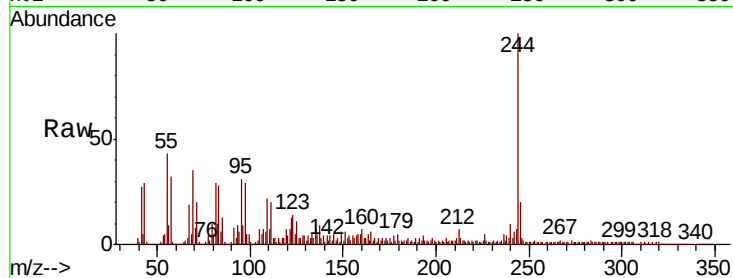
#79
 Terphenyl-d14
 Concen: 72.211 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.04 min
 Lab File: BF120738.D
 Acq: 29 Jun 2020 20:14

Instrument :
 BNA_F
 ClientSampled :
 78-64

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	12.7	8.8	13.2

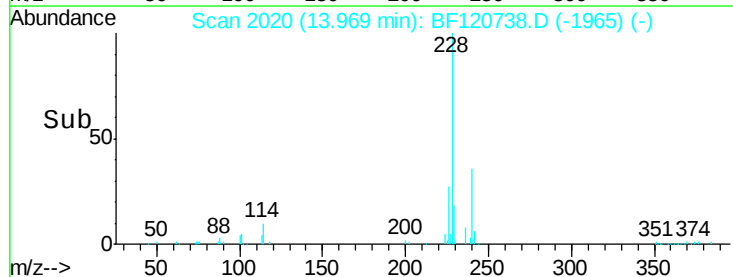
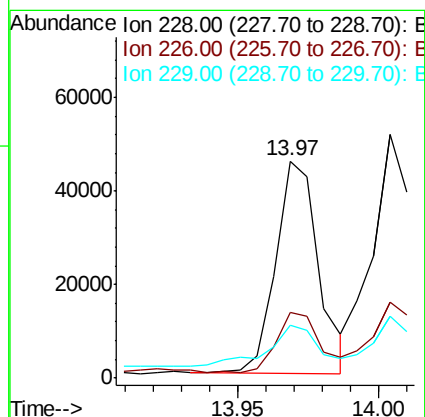
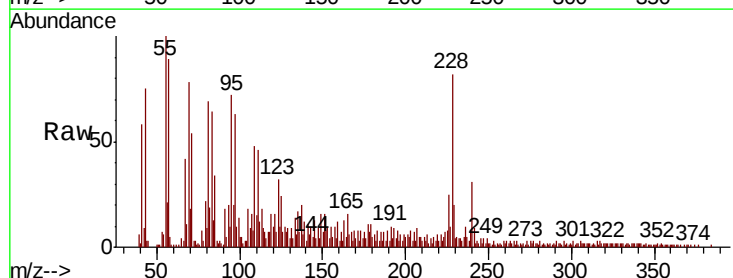
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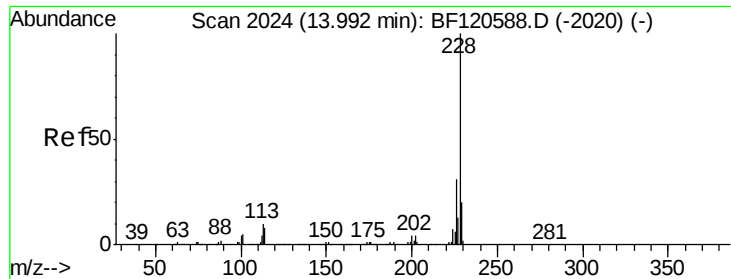
mohammad
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#81
 Benzo(a)anthracene
 Concen: 5.906 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.02 min
 Lab File: BF120738.D
 Acq: 29 Jun 2020 20:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	24.4	16.3	24.5





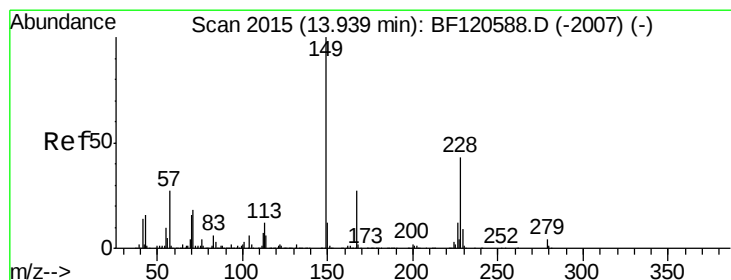
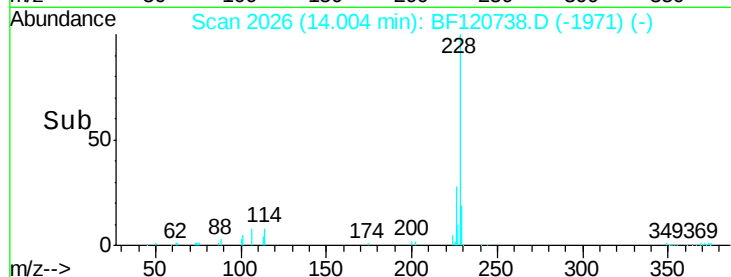
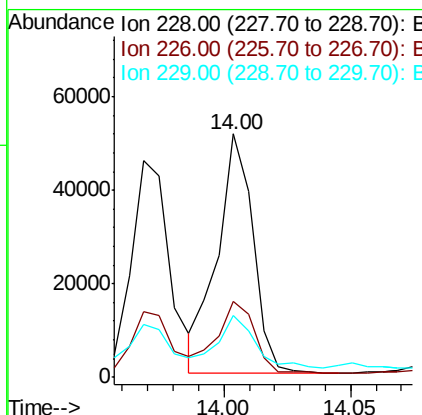
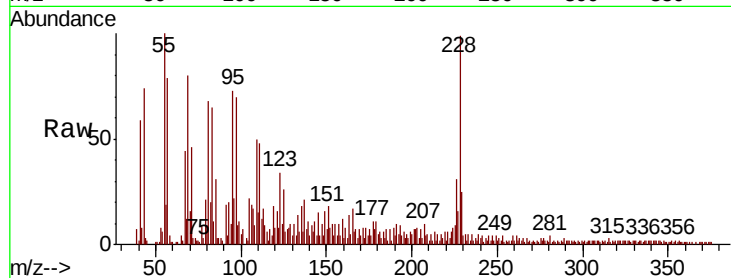
#83
 Chrysene
 Concen: 6.109 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.02 min
 Lab File: BF120738.D
 Acq: 29 Jun 2020 20:14

Instrument :
 BNA_F
 ClientSampleId :
 78-64

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	25.4	16.1	24.1

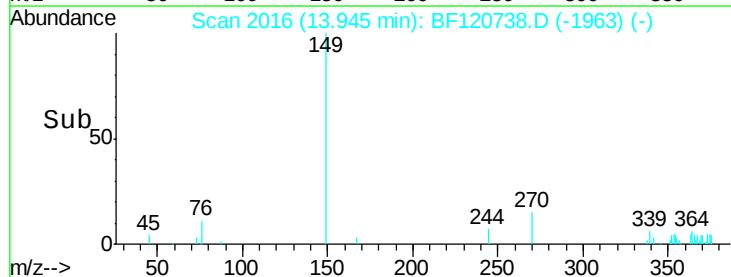
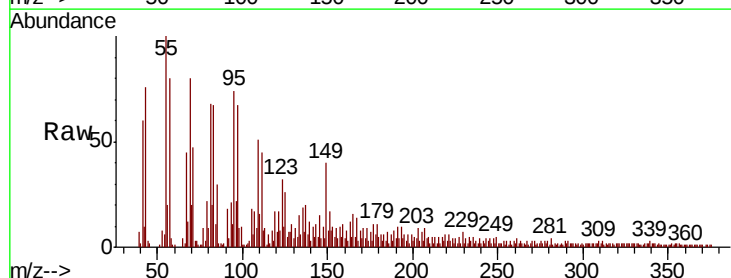
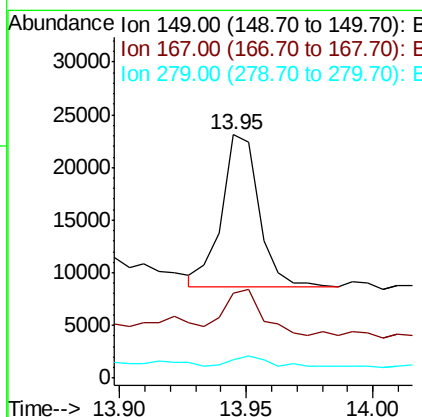
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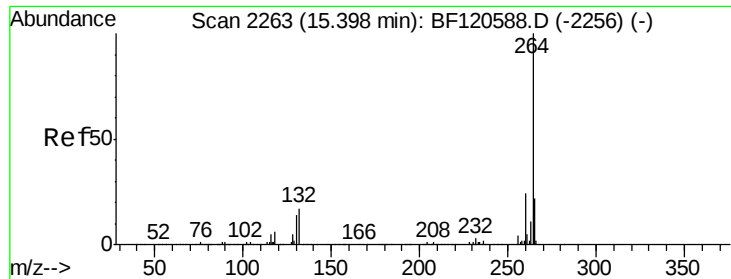
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.868 ng
 RT: 13.95 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF120738.D
 Acq: 29 Jun 2020 20:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	34.7	21.9	32.9
279	7.3	3.6	5.4





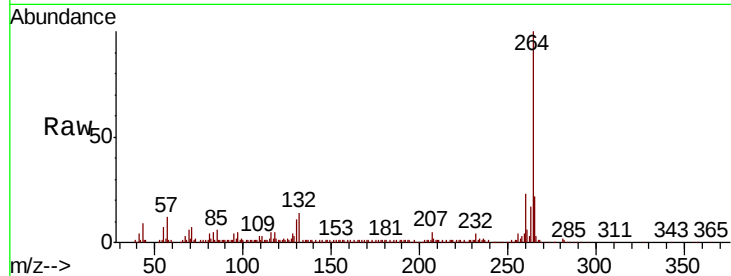
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.02 min
Lab File: BF120738.D
Acq: 29 Jun 2020 20:14

Instrument :
BNA_F
ClientSampleId :
78-64

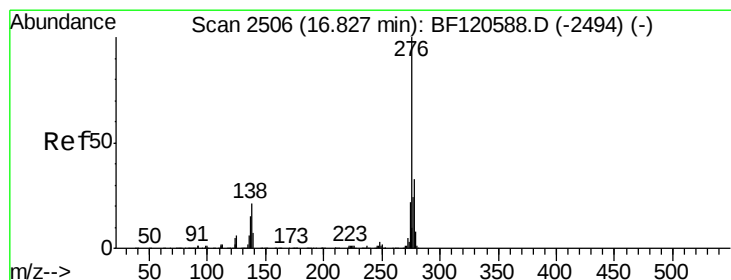
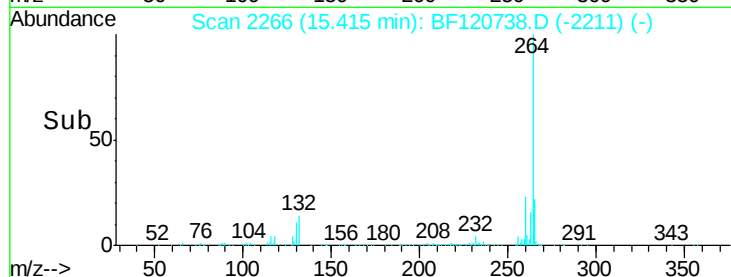
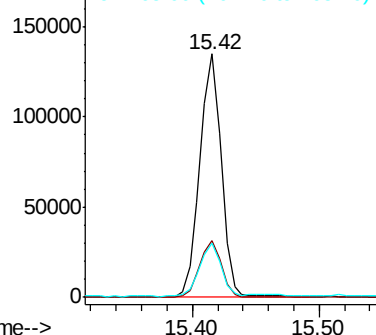
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	22.0	17.4	26.0

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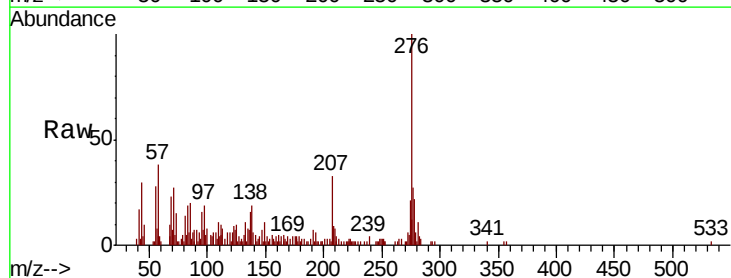


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

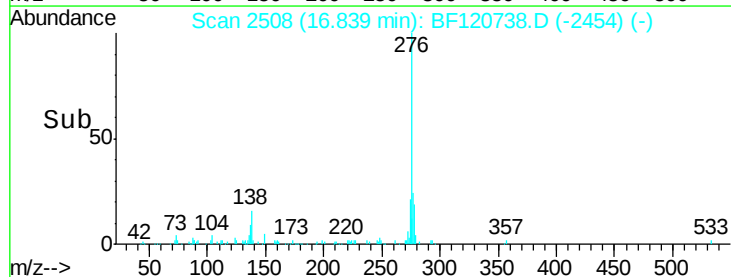
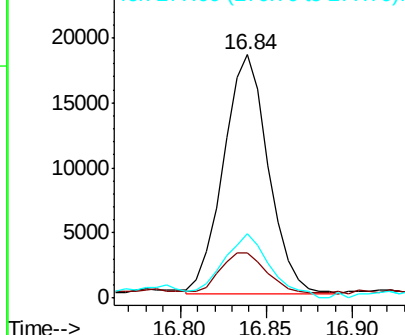


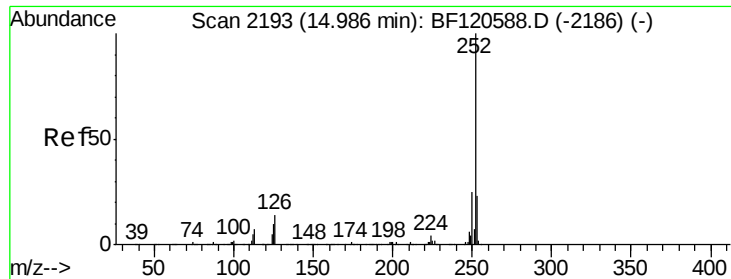
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.375 ng m
RT: 16.84 min Scan# 2508
Delta R.T. 0.02 min
Lab File: BF120738.D
Acq: 29 Jun 2020 20:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	4.5	18.4	27.6#
277	6.2	19.8	29.8#



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





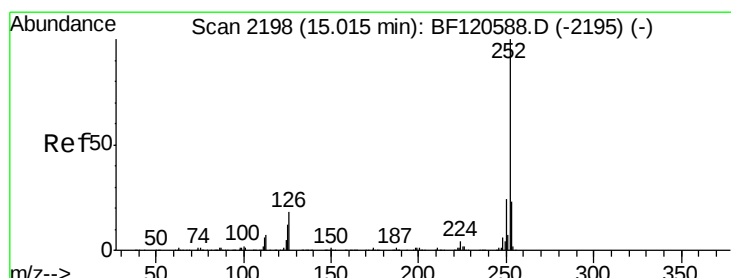
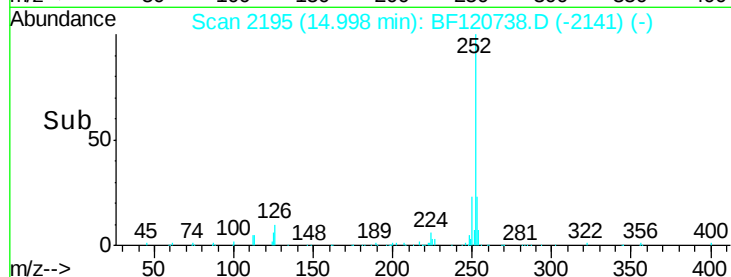
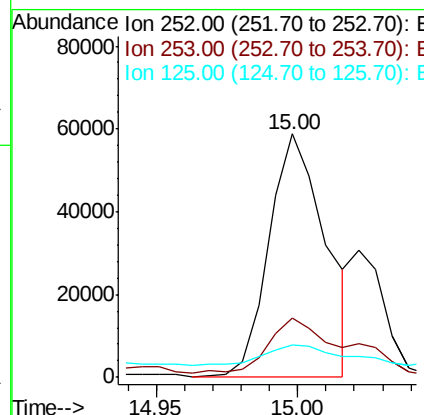
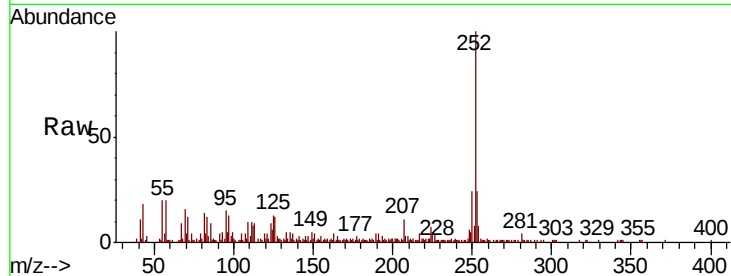
#88
Benzo(b)fluoranthene
Concen: 8.587 ng m
RT: 15.00 min Scan# 2195
Delta R.T. 0.02 min
Lab File: BF120738.D
Acq: 29 Jun 2020 20:14

Instrument :
BNA_F
ClientSampleId :
78-64

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	13.5	7.9	11.9

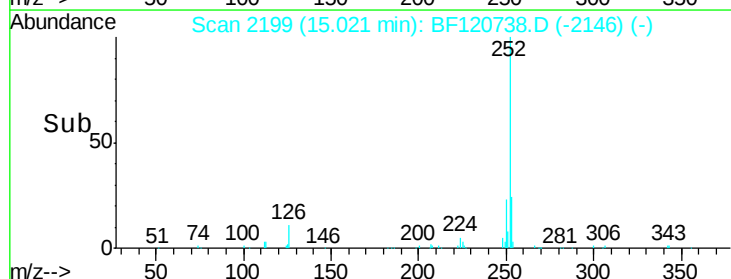
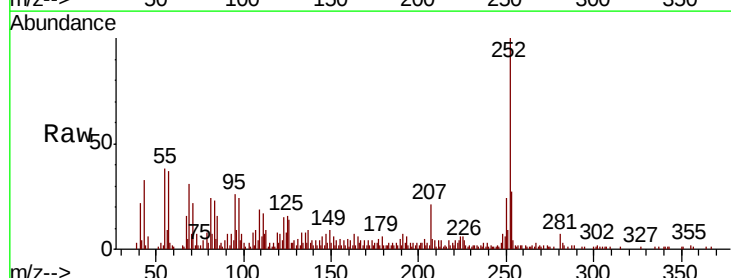
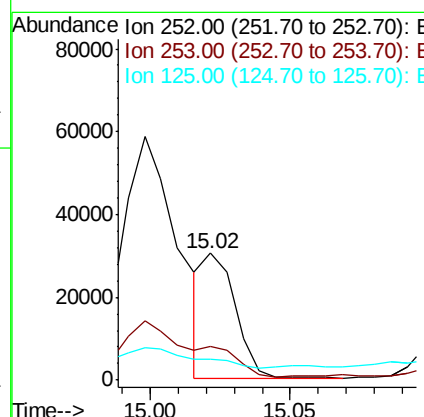
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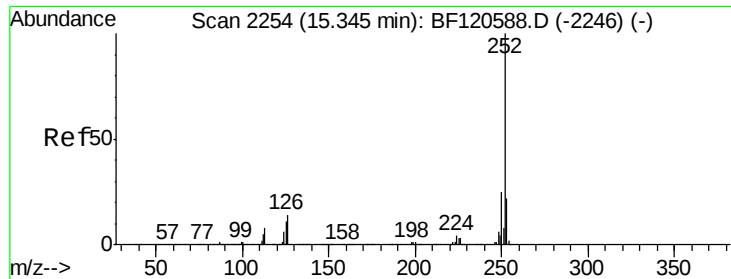
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#89
Benzo(k)fluoranthene
Concen: 2.870 ng m
RT: 15.02 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF120738.D
Acq: 29 Jun 2020 20:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.4	26.2
125	16.3	7.4	11.2





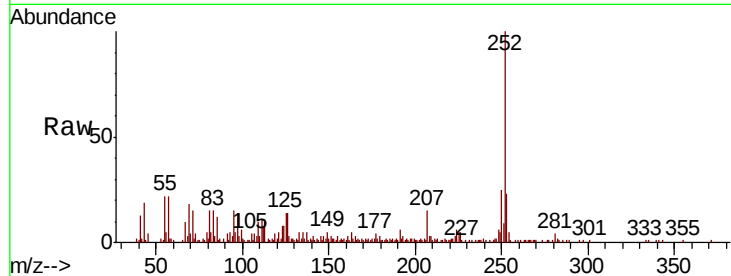
#90
Benzo(a)pyrene
Concen: 6.019 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.02 min
Lab File: BF120738.D
Acq: 29 Jun 2020 20:14

Instrument :
BNA_F
ClientSampleId :
78-64

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	14.2	9.0	13.6

Manual Integrations
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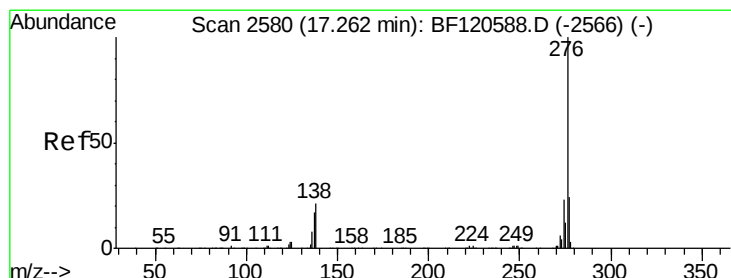
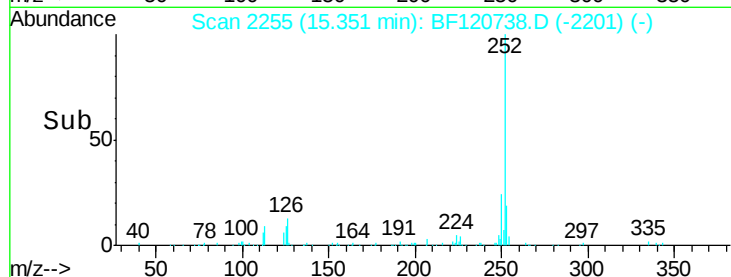
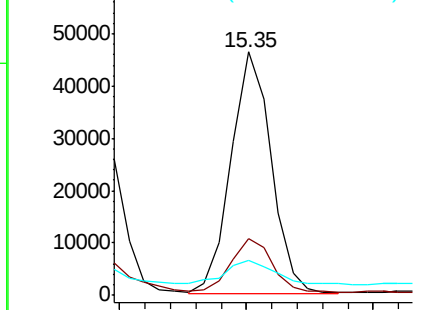


Abundance

Ion 252.00 (251.70 to 252.70): E

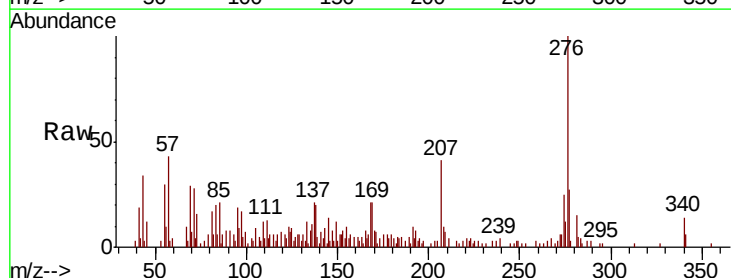
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 3.958 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.02 min
Lab File: BF120738.D
Acq: 29 Jun 2020 20:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.7	18.3	27.5
138	19.8	16.6	24.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

