

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120732.D
 Acq On : 29 Jun 2020 17:24
 Operator : JU/CG
 Sample : L3129-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11982

Manual Integrations
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mohammad
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Quant Time: Jun 30 13:42:34 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	127962	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	448479	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	190653	20.00	ng	0.01
64) Phenanthrene-d10	11.35	188	130750	20.00	ng	0.04
76) Chrysene-d12	13.99	240	92700	20.00	ng	0.03
86) Perylene-d12	15.47	264	115306	20.00	ng	0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	519892	69.66	ng	0.09
7) Phenol-d6	6.52	99	600013	64.54	ng	0.09
23) Nitrobenzene-d5	7.36	82	373530	46.56	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	120192	54.22	ng	0.03
45) 2-Fluorobiphenyl	9.16	172	699469	56.13	ng	0.00
79) Terphenyl-d14	12.93	244	296656	70.69	ng	0.04

Target Compounds				Qvalue		
10) Phenol	6.53	94	22217	2.240	ng	# 77
20) 3+4-Methylphenols	7.27	107	27467	3.056	ng	# 65
31) Naphthalene	8.10	128	1275464	57.918	ng	99
37) 2-Methylnaphthalene	8.80	142	1136589	79.062	ng	98
38) 1-Methylnaphthalene	8.89	142	537945m	39.767	ng	
46) 1,1'-Biphenyl	9.26	154	54855	3.853	ng	99
49) Acenaphthylene	9.70	152	57672	3.210	ng	# 55
50) Dimethylphthalate	9.55	163	41710	3.038	ng	# 68
58) Fluorene	10.39	166	41306	3.261	ng	# 59
71) Phenanthrene	11.37	178	75499	11.616	ng	# 50
75) Fluoranthene	12.57	202	16031	2.157	ng	# 23
78) Pyrene	12.80	202	23556	3.587	ng	# 60
84) Bis(2-ethylhexyl)phthalate	13.97	149	80392	22.590	ng	# 78
85) Di-n-octyl phthalate	14.63	149	108958m	16.043	ng	

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

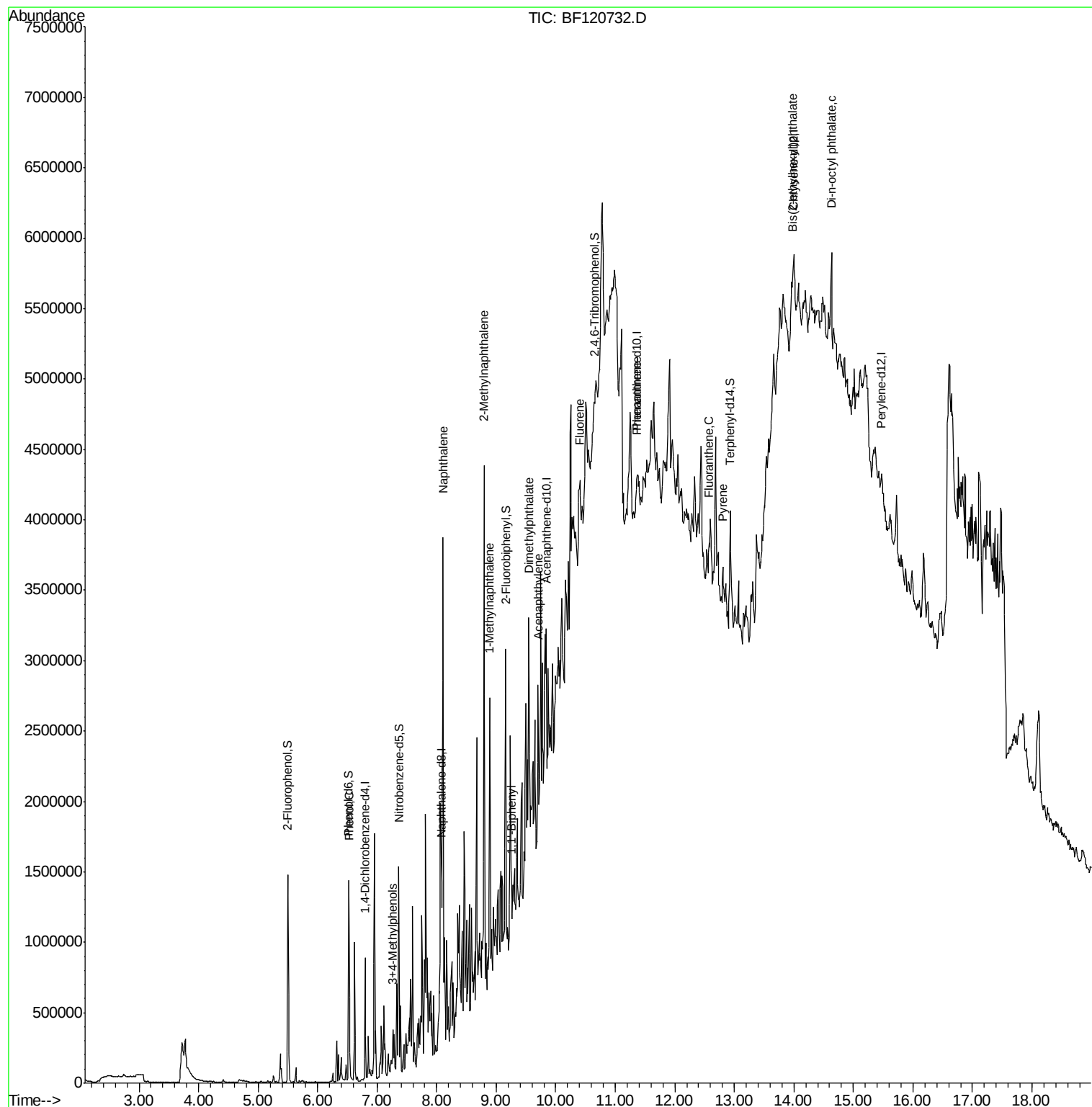
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Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

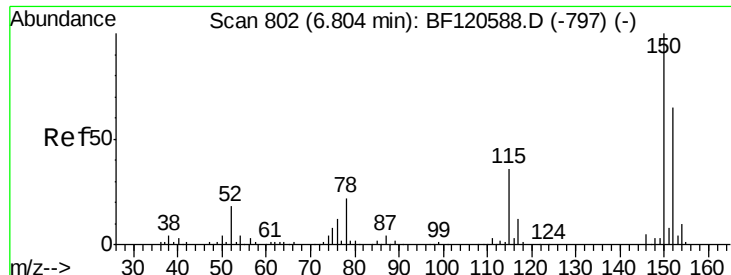
Instrument :
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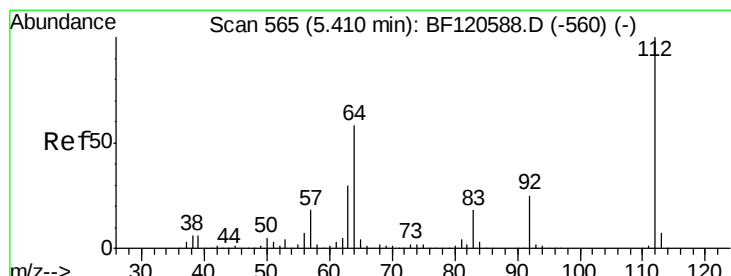
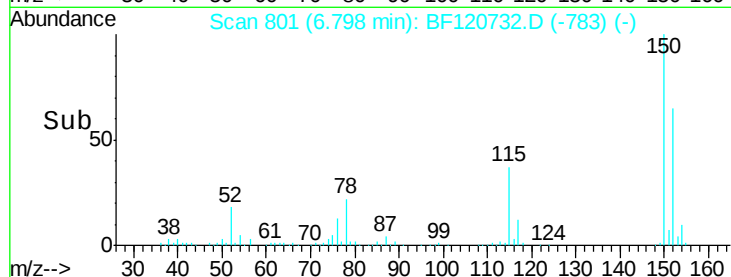
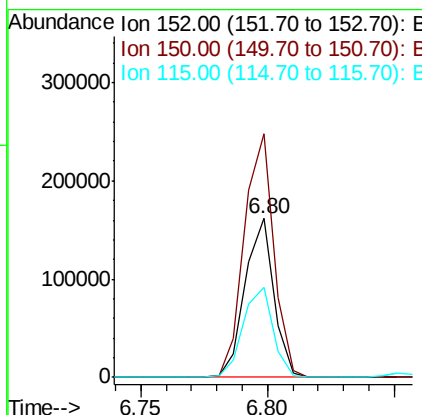
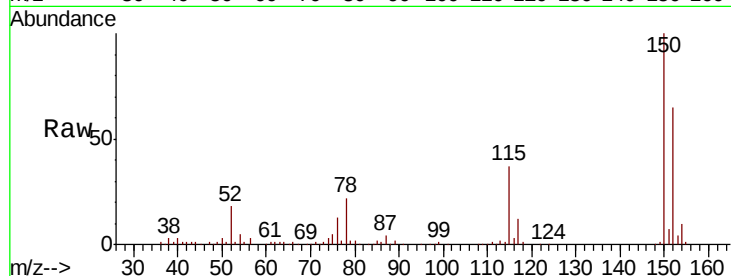
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF120732.D
 Acq: 29 Jun 2020 17:24

Instrument :
 BNA_F
 ClientSampleId :
 72-11982

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	187.0
115	56.7	44.2	66.4

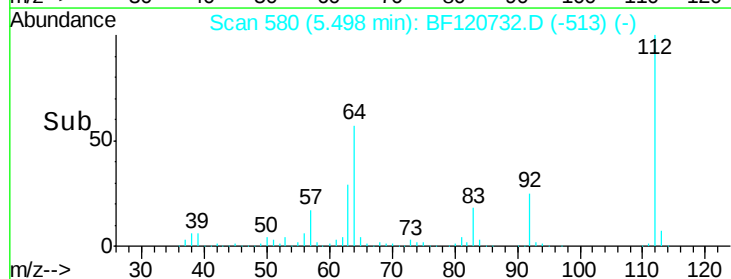
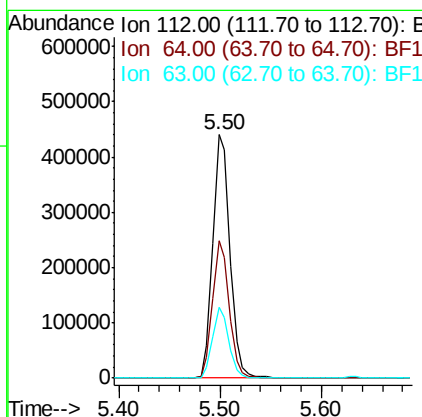
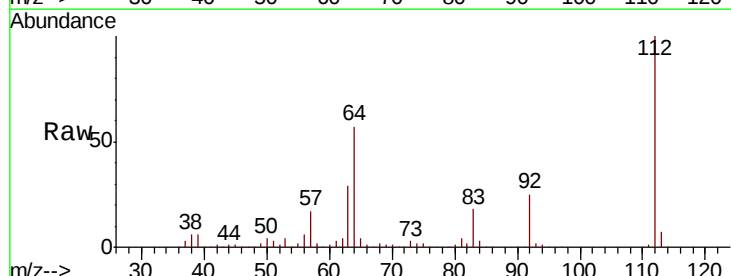
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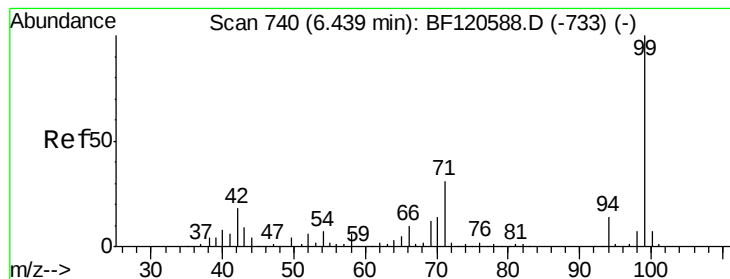
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#5
 2-Fluorophenol
 Concen: 69.656 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.09 min
 Lab File: BF120732.D
 Acq: 29 Jun 2020 17:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	42.2	63.2
63	28.9	21.7	32.5





#7

Phenol-d6

Concen: 64.545 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.09 min

Lab File: BF120732.D

Acq: 29 Jun 2020 17:24

Instrument :

BNA_F

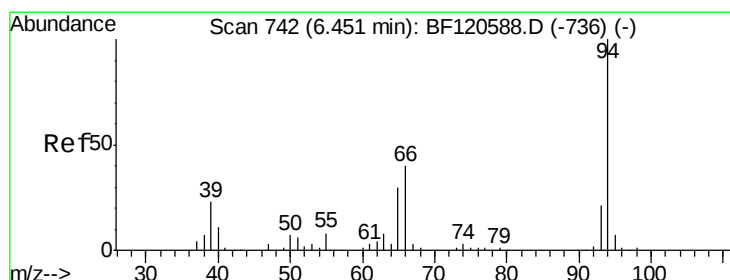
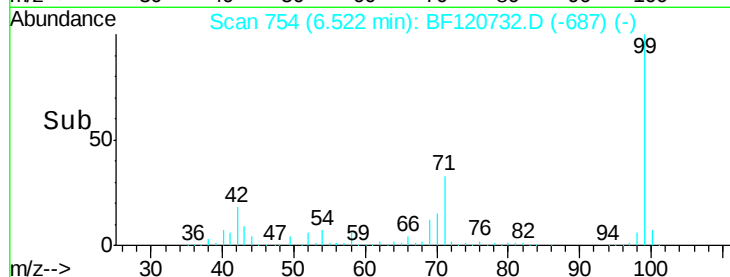
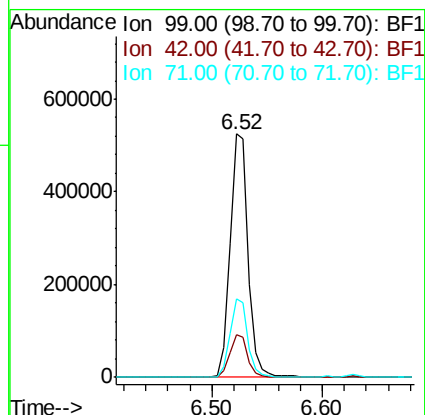
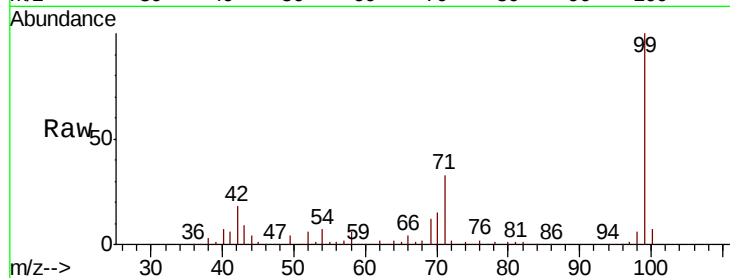
ClientSampleId :

72-11982

Tot Ion:	99	Resp:	600013
Ion Ratio	Lower	Upper	
99	100		
42	17.7	14.2	21.4
71	32.5	25.4	38.2

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#10

Phenol

Concen: 2.240 ng

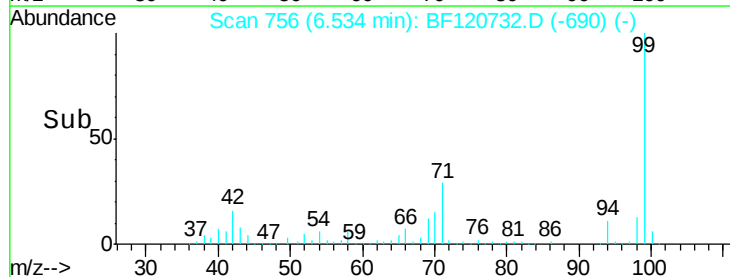
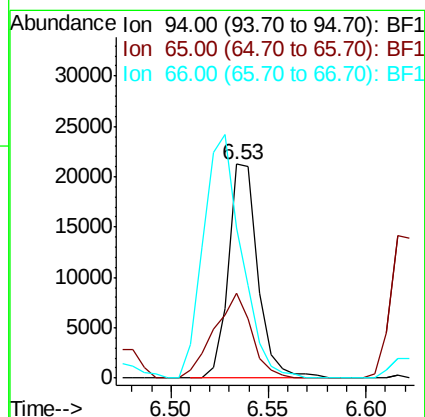
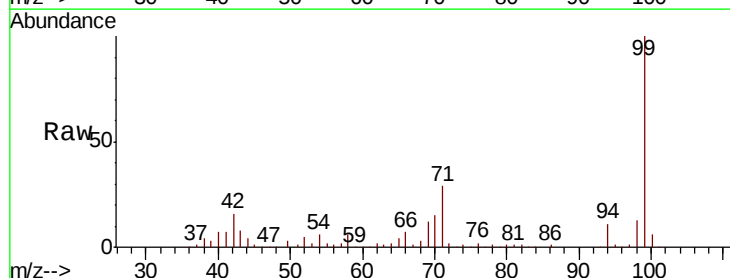
RT: 6.53 min Scan# 756

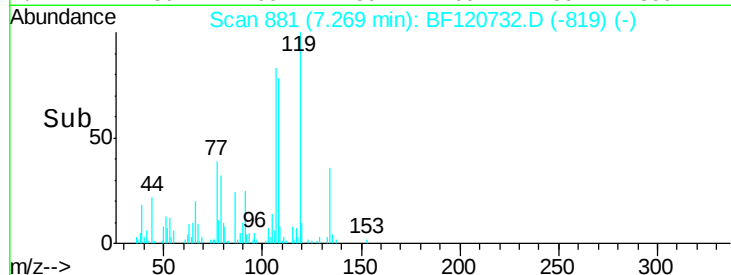
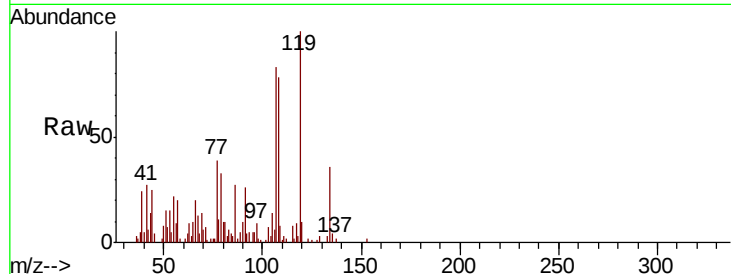
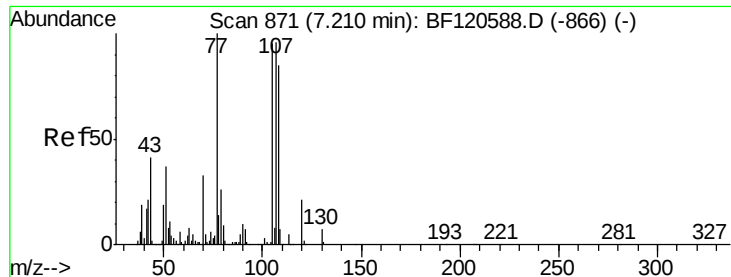
Delta R.T. 0.09 min

Lab File: BF120732.D

Acq: 29 Jun 2020 17:24

Tgt Ion:	94	Resp:	22217
Ion Ratio	Lower	Upper	
94	100		
65	39.7	13.6	53.6
66	70.2	29.2	69.2#





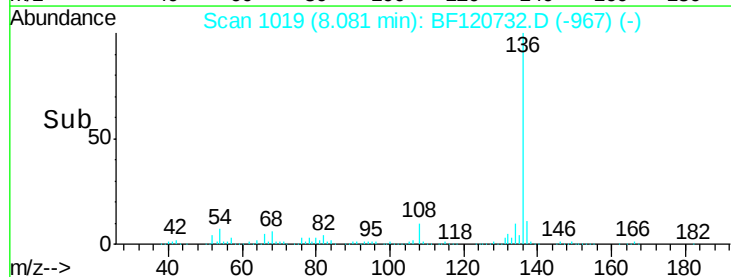
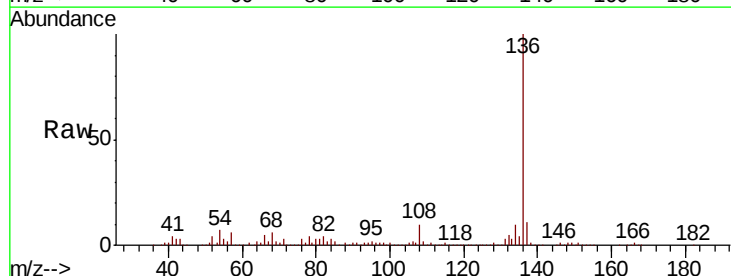
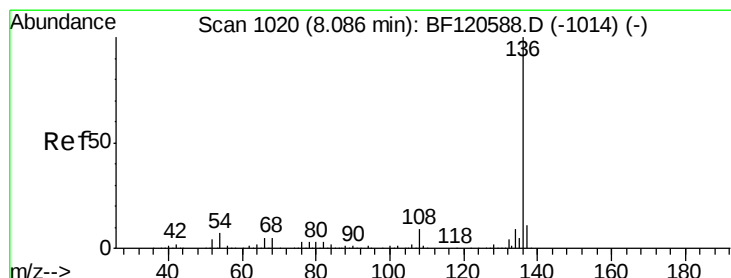
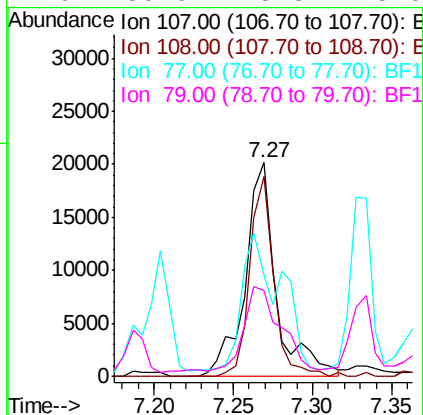
#20
3+4-Methylphenols
Concen: 3.056 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.06 min
Lab File: BF120732.D
Acq: 29 Jun 2020 17:24

Tot Ion	107	Resp:	27467
Ion Ratio	Lower	Upper	
107	100		
108	93.8	70.9	110.9
77	47.5	95.7	135.7#
79	39.9	8.8	48.8

Instrument :
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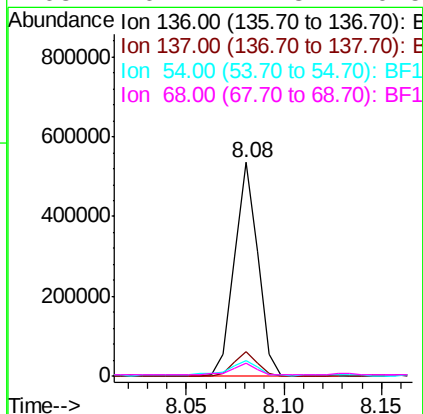
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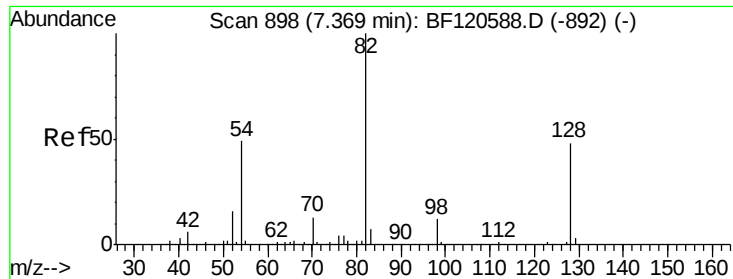
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF120732.D
Acq: 29 Jun 2020 17:24

Tgt Ion	136	Resp:	448479
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	12.8
54	7.5	5.3	7.9
68	6.1	4.3	6.5





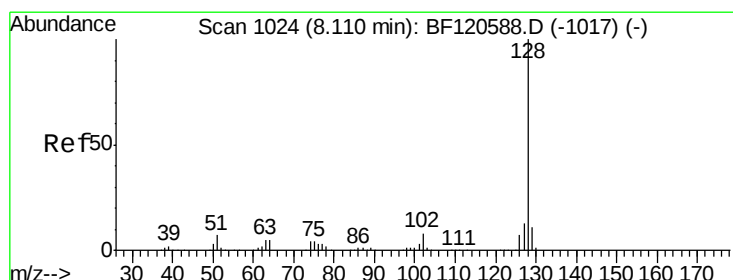
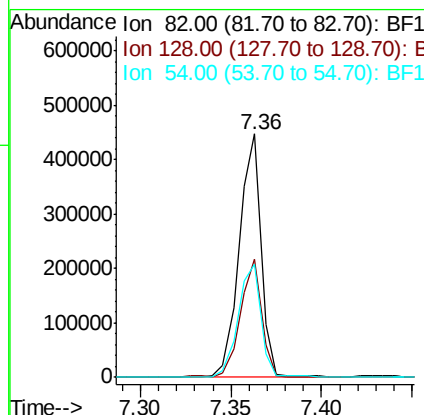
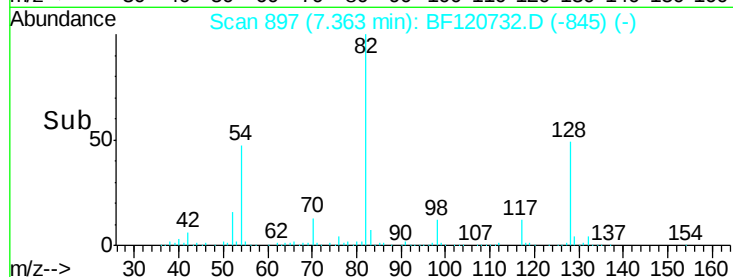
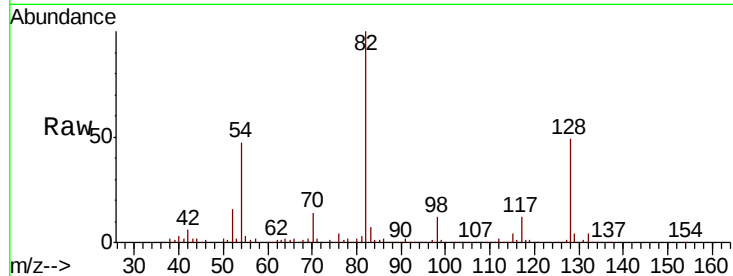
#23
Nitrobenzene-d5
Concen: 46.555 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF120732.D
Acq: 29 Jun 2020 17:24

Instrument :
BNA_F
ClientSampleId :
72-11982

Tot Ion	82	Resp	373530
Ion Ratio	Lower	Upper	
82	100		
128	48.8	38.1	57.1
54	46.7	38.8	58.2

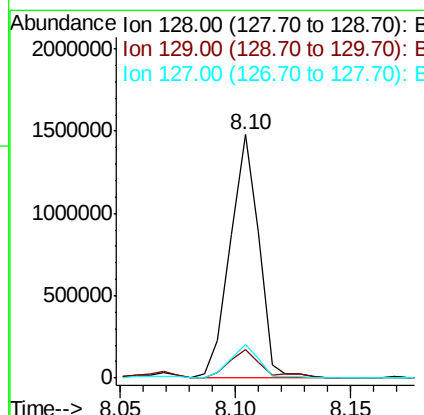
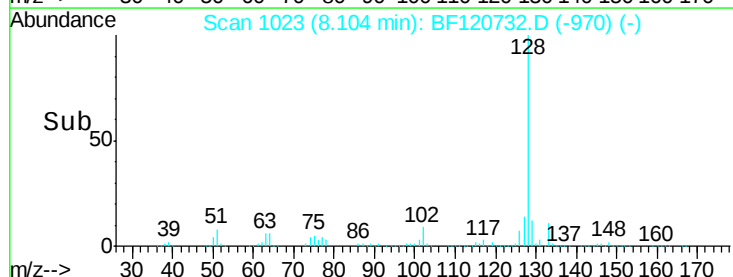
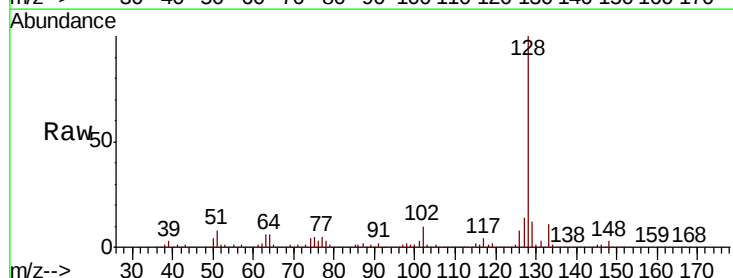
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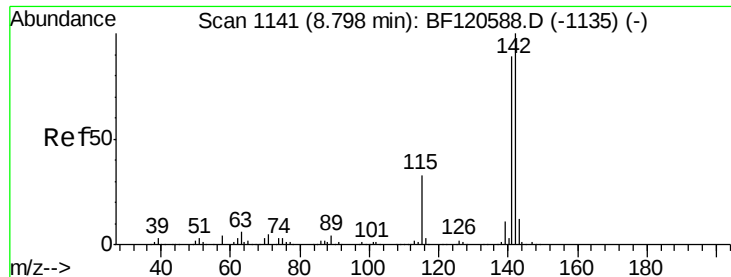
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#31
Naphthalene
Concen: 57.918 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF120732.D
Acq: 29 Jun 2020 17:24

Tgt Ion	128	Resp	1275464
Ion Ratio	Lower	Upper	
128	100		
129	12.0	9.1	13.7
127	13.9	10.7	16.1





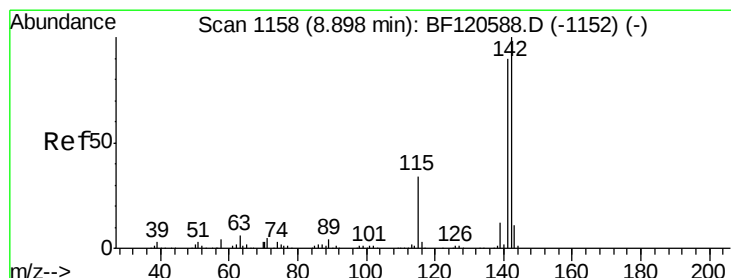
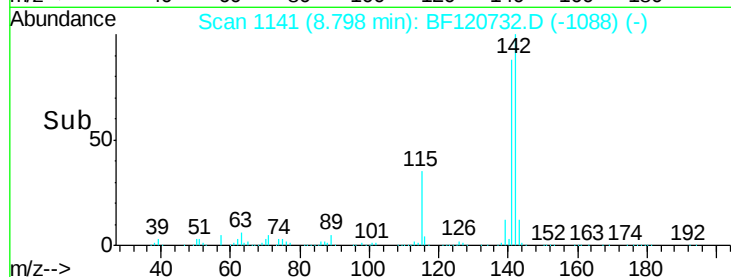
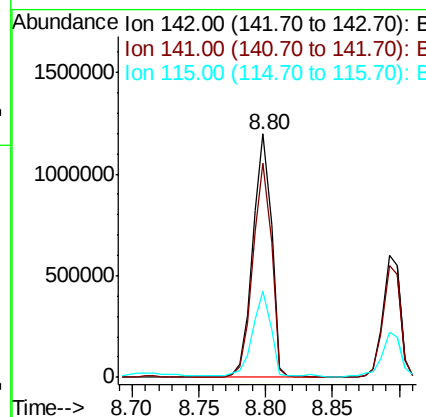
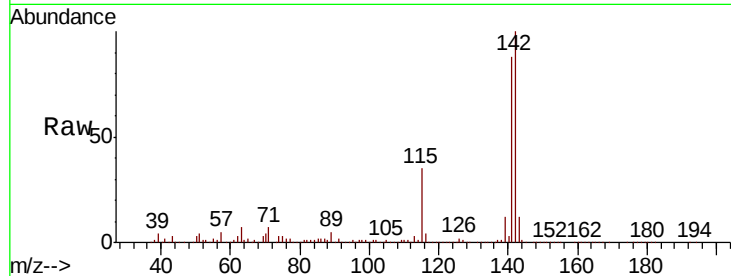
#37
2-Methylnaphthalene
Concen: 79.062 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF120732.D
Acq: 29 Jun 2020 17:24

Instrument :
BNA_F
ClientSampleId :
72-11982

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.2	103.8
115	35.3	26.3	39.5

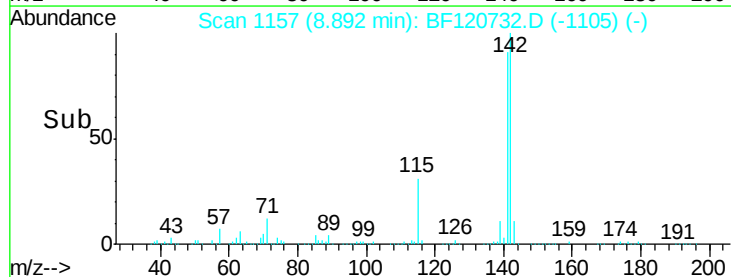
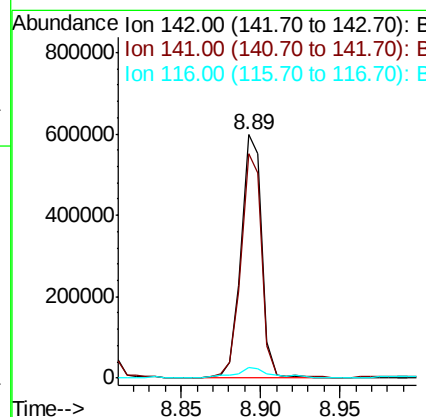
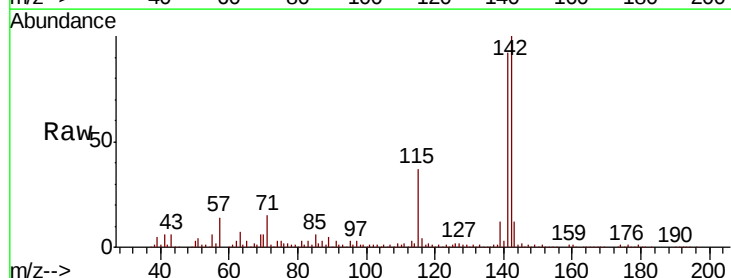
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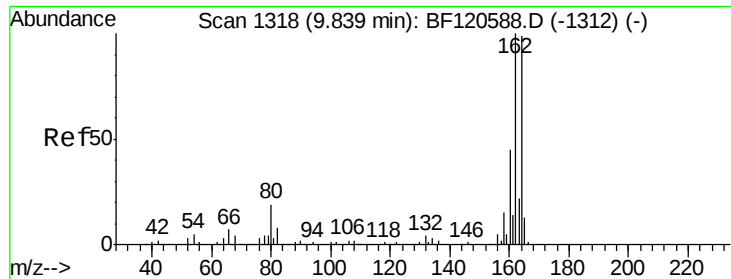
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#38
1-Methylnaphthalene
Concen: 39.767 ng m
RT: 8.89 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF120732.D
Acq: 29 Jun 2020 17:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.7	109.1
116	4.2	2.7	4.1#





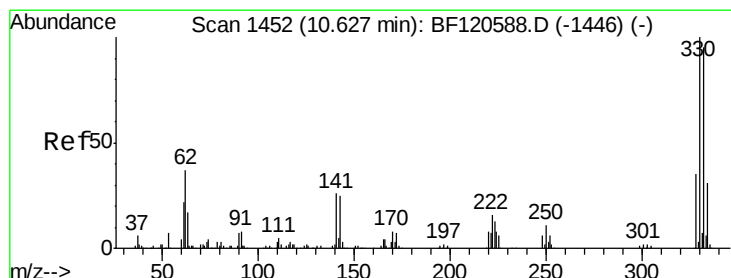
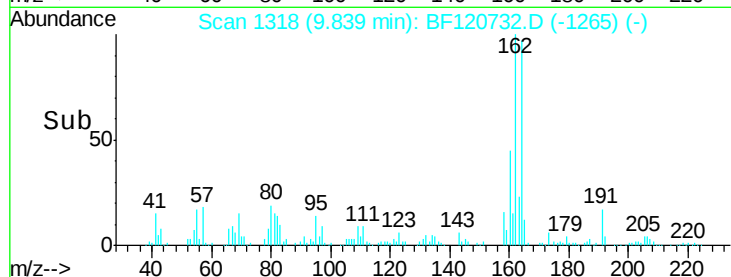
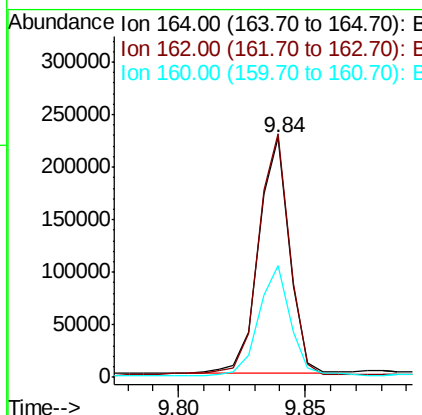
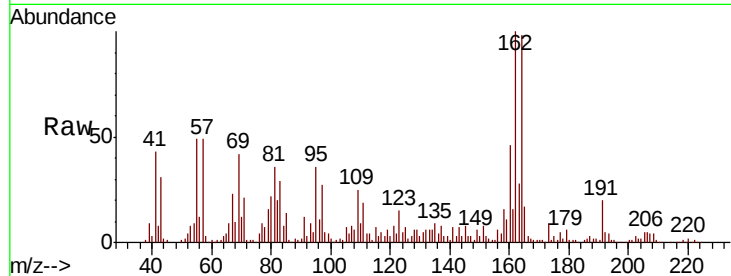
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF120732.D
Acq: 29 Jun 2020 17:24

Instrument :
BNA_F
ClientSampleId :
72-11982

Tot Ion	Ratio	Resp	Lower	Upper
164	100	190653		
162	101.6	81.4	122.0	
160	46.4	36.6	55.0	

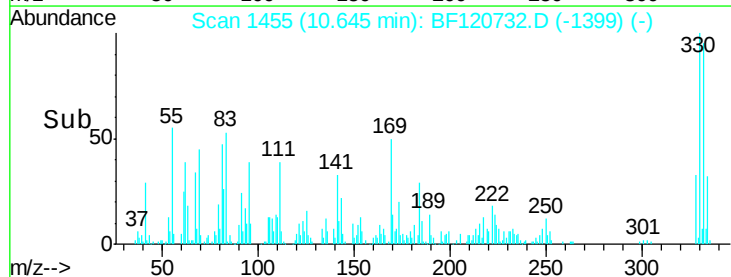
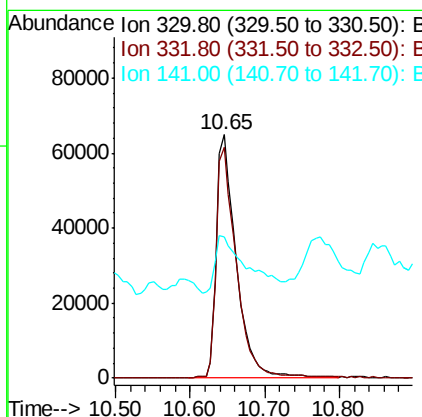
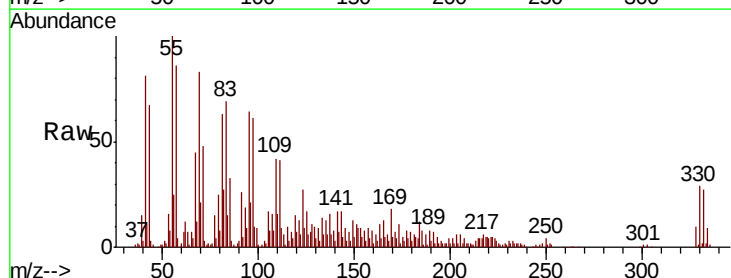
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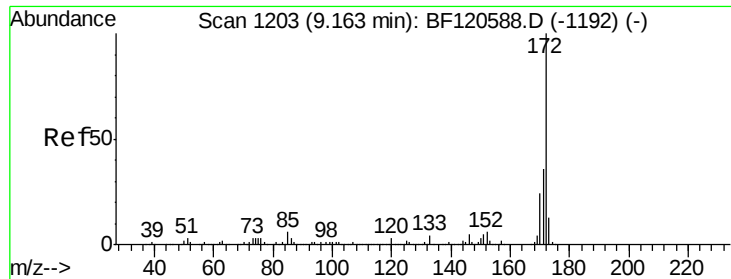
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#42
2,4,6-Tribromophenol
Concen: 54.223 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.03 min
Lab File: BF120732.D
Acq: 29 Jun 2020 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	120192		
332	96.0	76.4	114.6	
141	38.4	23.0	34.6#	





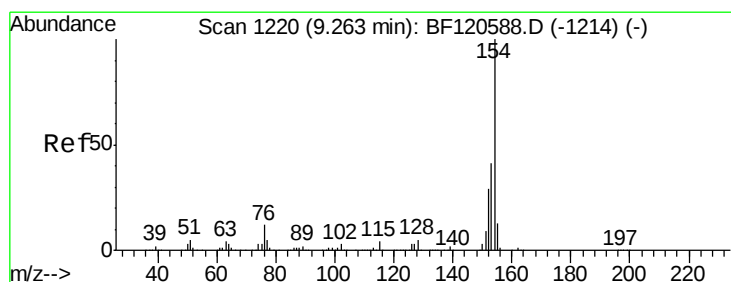
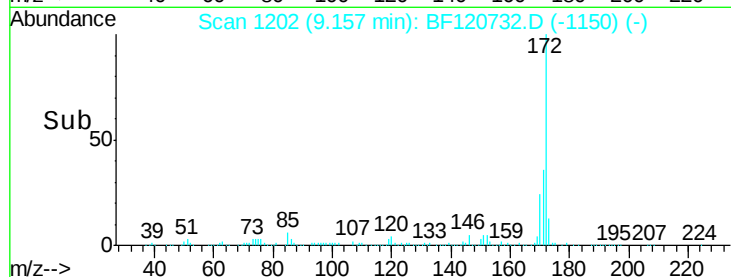
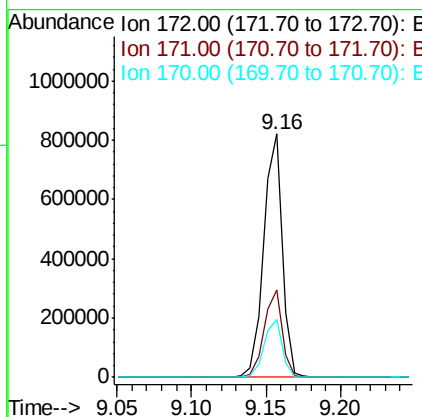
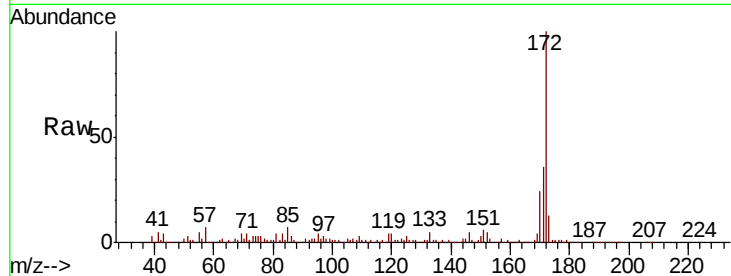
#45
2-Fluorobiphenyl
Concen: 56.132 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF120732.D
Acq: 29 Jun 2020 17:24

Instrument :
BNA_F
ClientSampled :
72-11982

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.8	19.1	28.7

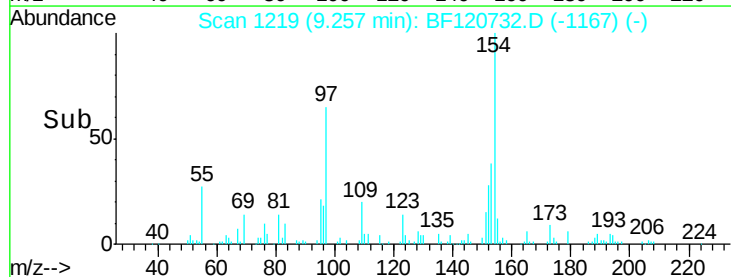
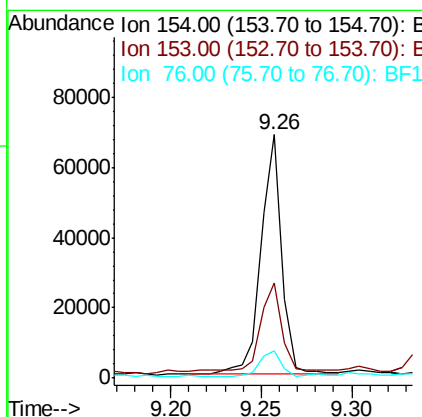
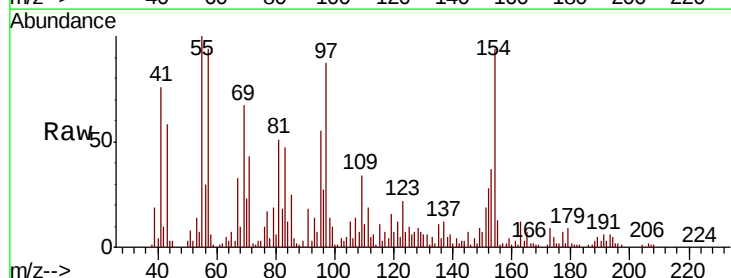
Manual Integrations
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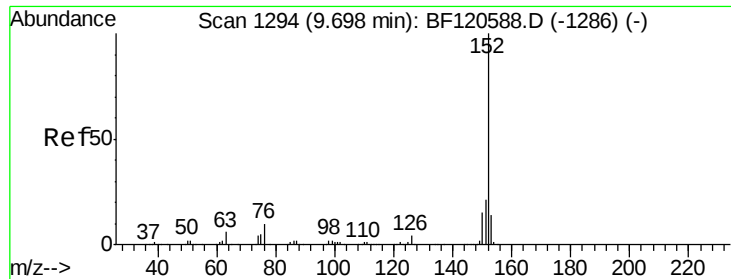
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#46
1,1'-Biphenyl
Concen: 3.853 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF120732.D
Acq: 29 Jun 2020 17:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.0	19.9	59.9
76	11.0	0.0	31.0





#49

Acenaphthylene

Concen: 3.210 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF120732.D

Acq: 29 Jun 2020 17:24

Instrument :

BNA_F

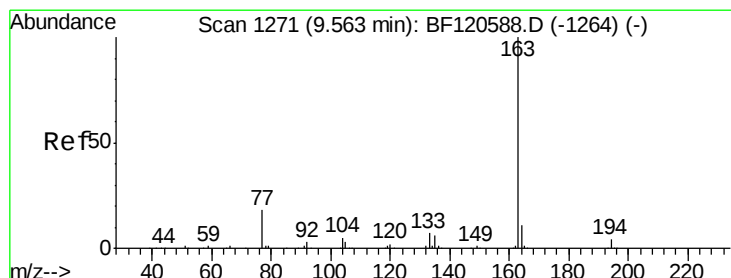
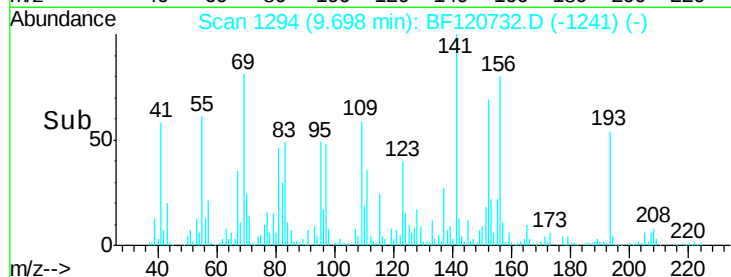
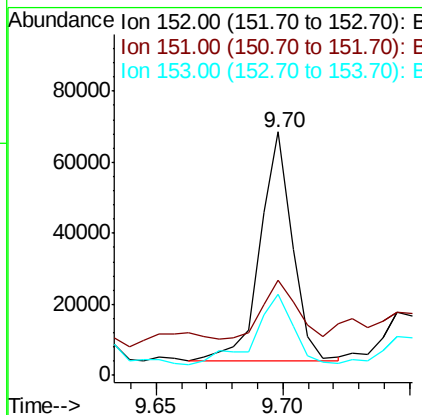
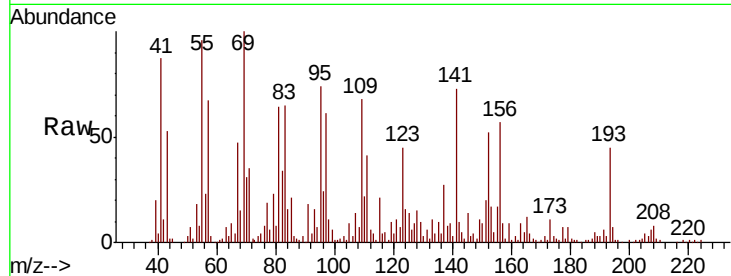
ClientSampled :

72-11982

Tot Ion:	152	Resp:	57672
Ion Ratio	Lower	Upper	
152	100		
151	39.1	15.8	23.8#
153	33.3	10.9	16.3#

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#50

Dimethylphthalate

Concen: 3.038 ng

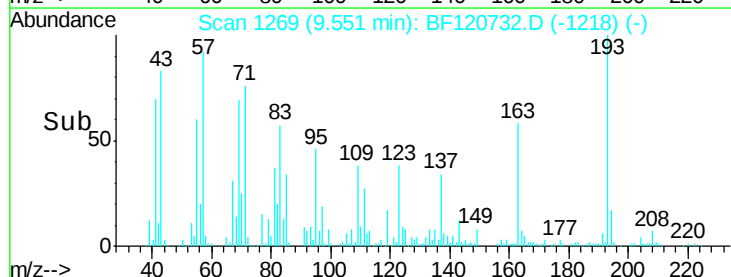
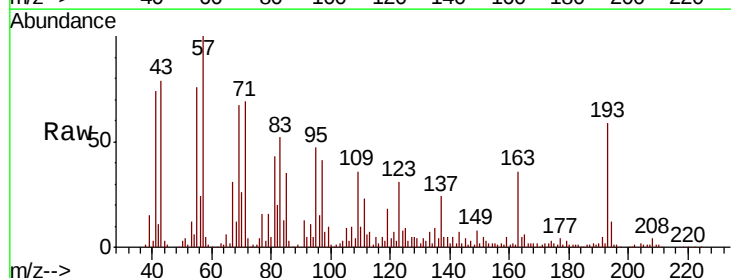
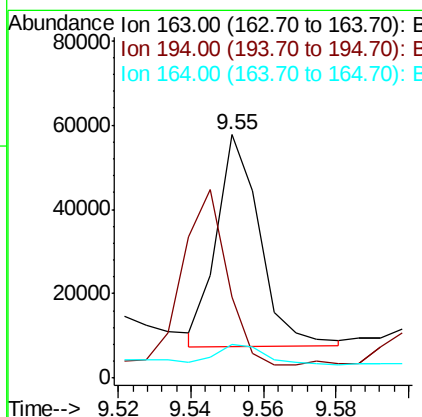
RT: 9.55 min Scan# 1269

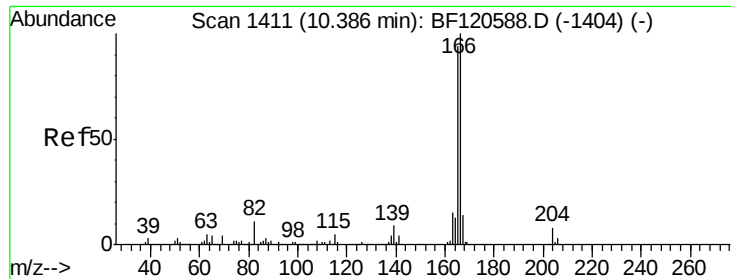
Delta R.T. -0.00 min

Lab File: BF120732.D

Acq: 29 Jun 2020 17:24

Tgt Ion:	163	Resp:	41710
Ion Ratio	Lower	Upper	
163	100		
194	33.2	3.0	4.6#
164	14.0	8.2	12.2#





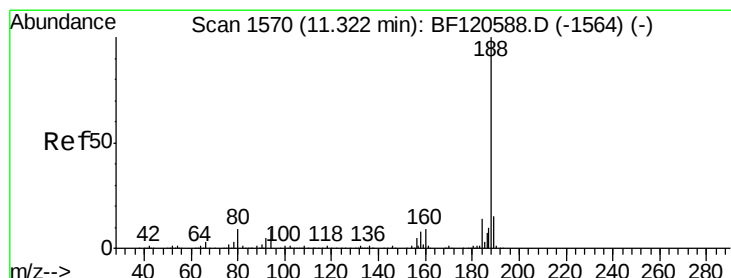
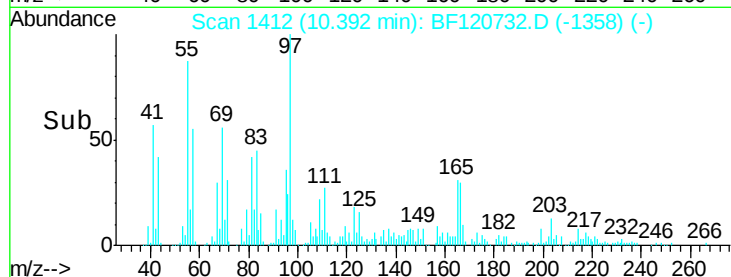
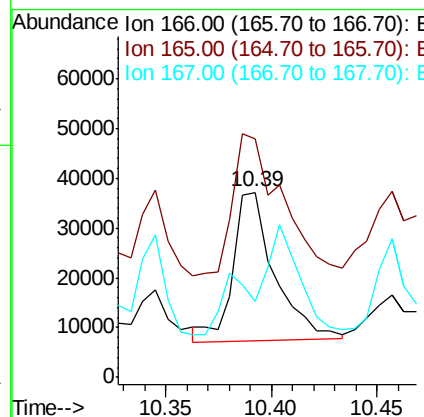
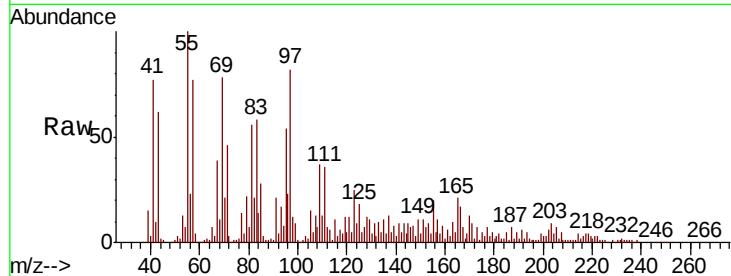
#58
 Fluorene
 Concen: 3.261 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.02 min
 Lab File: BF120732.D
 Acq: 29 Jun 2020 17:24

Instrument :
 BNA_F
 ClientSampled :
 72-11982

Tot Ion	Ratio	Lower	Upper
166	100		
165	128.7	74.6	112.0#
167	41.0	10.9	16.3#

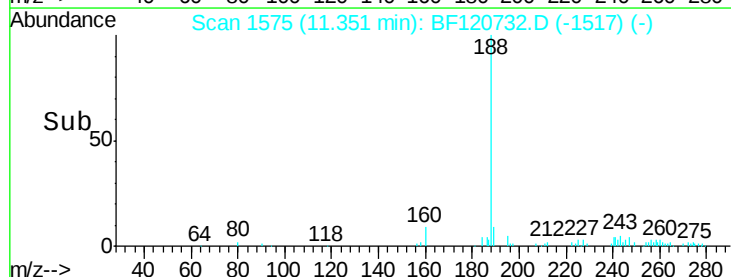
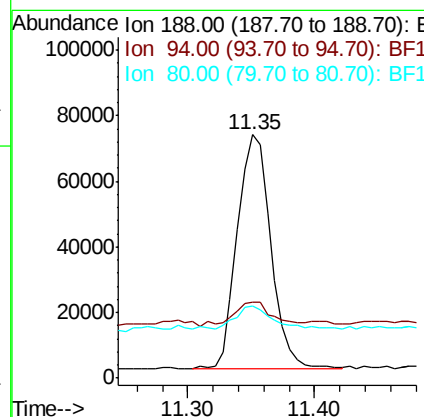
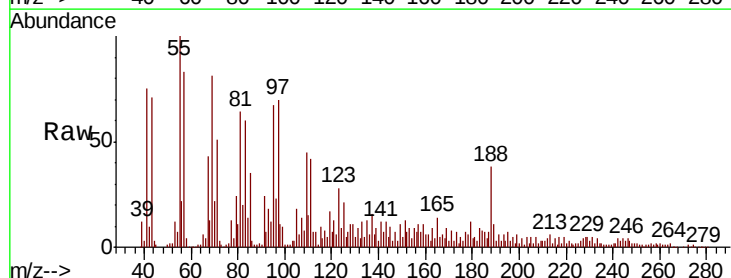
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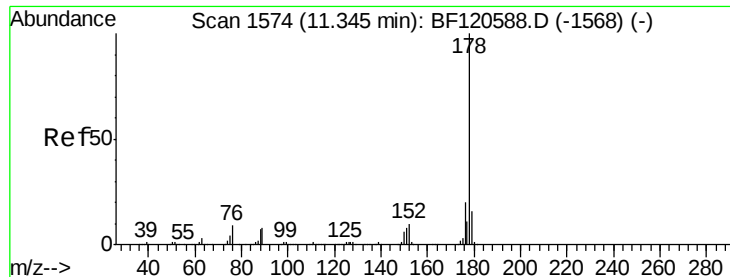
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.04 min
 Lab File: BF120732.D
 Acq: 29 Jun 2020 17:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	31.1	7.5	11.3#
80	29.4	7.7	11.5#





#71

Phenanthrene

Concen: 11.616 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.04 min

Lab File: BF120732.D

Acq: 29 Jun 2020 17:24

Instrument :

BNA_F

ClientSampleId :

72-11982

Tot Ion:178 Resp: 75499

Ion Ratio Lower Upper

178 100

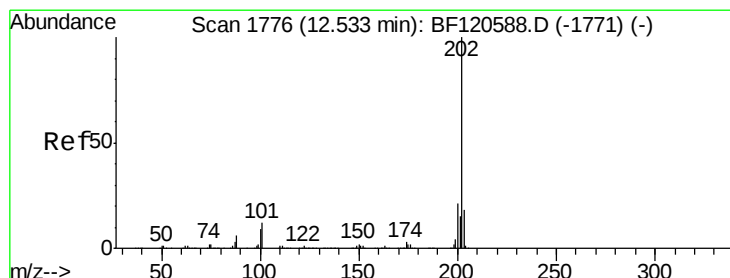
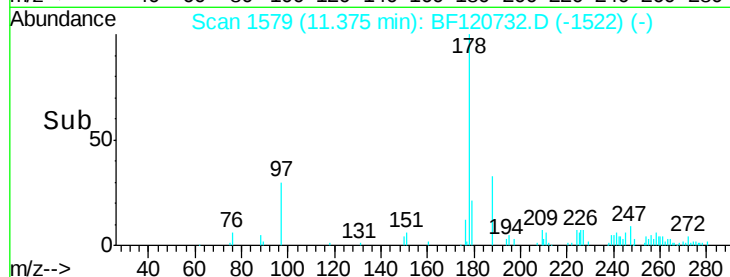
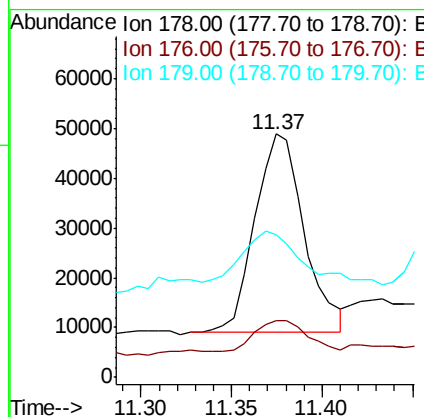
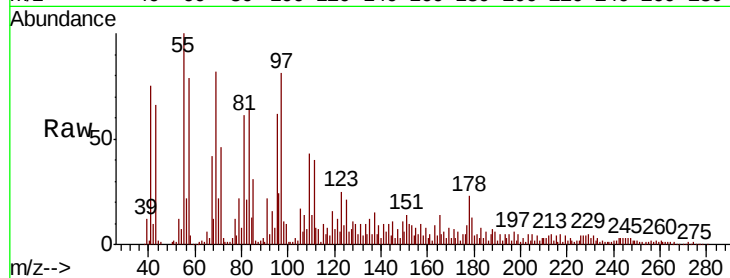
176 23.5 15.8 23.6

179 58.3 12.3 18.5#

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#75

Fluoranthene

Concen: 2.157 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.04 min

Lab File: BF120732.D

Acq: 29 Jun 2020 17:24

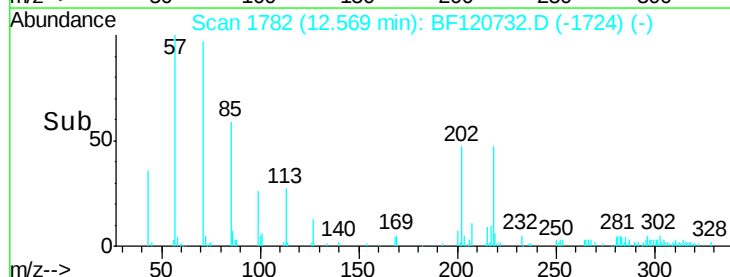
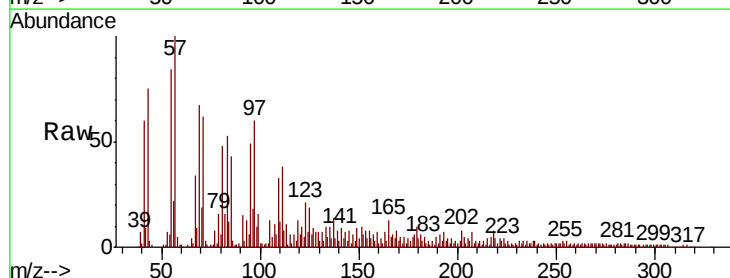
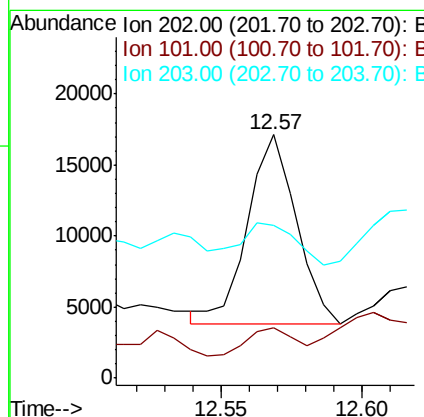
Tgt Ion:202 Resp: 16031

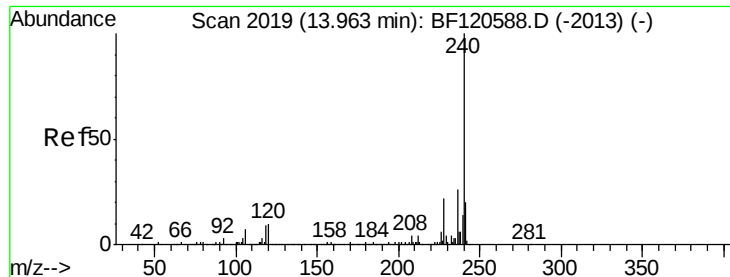
Ion Ratio Lower Upper

202 100

101 20.8 0.0 29.8

203 63.0 0.0 37.7#





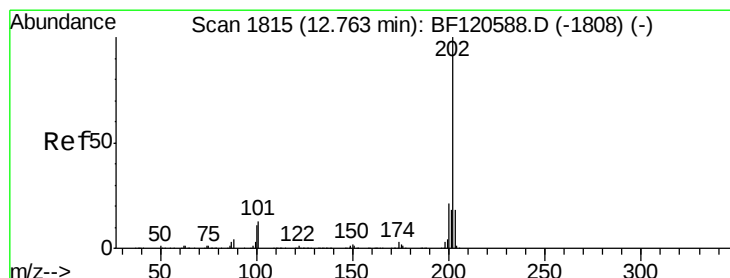
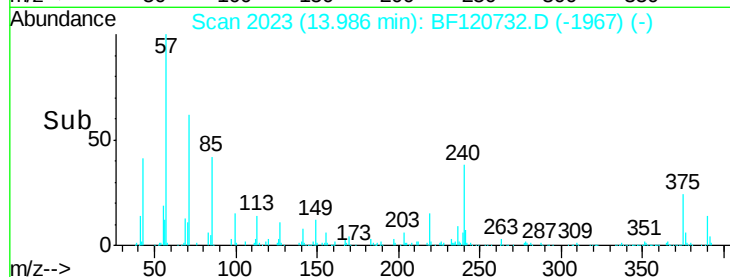
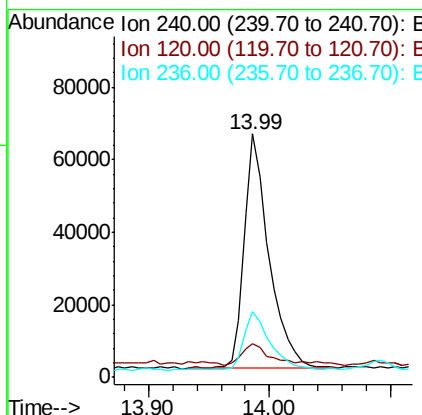
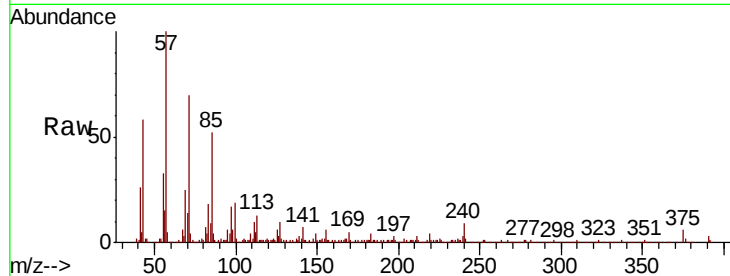
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.03 min
Lab File: BF120732.D
Acq: 29 Jun 2020 17:24

Instrument :
BNA_F
ClientSampleId :
72-11982

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.8	7.6	11.4#
236	27.2	21.0	31.4

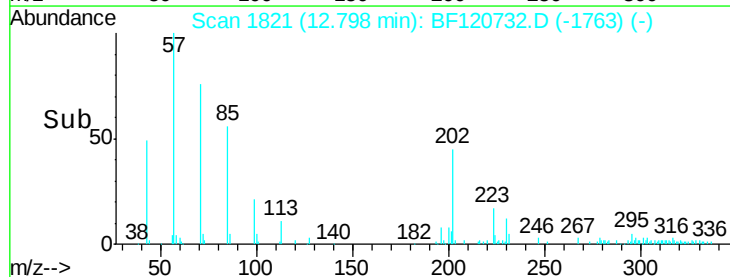
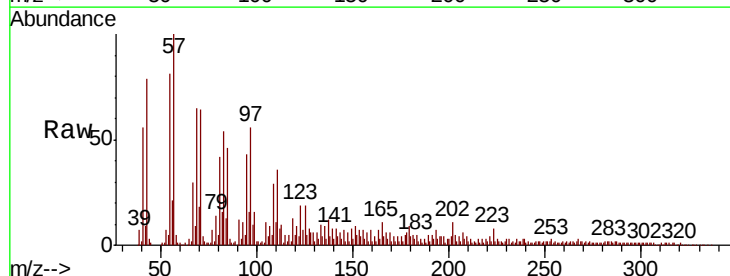
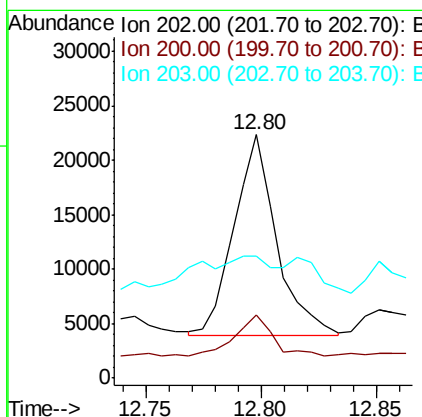
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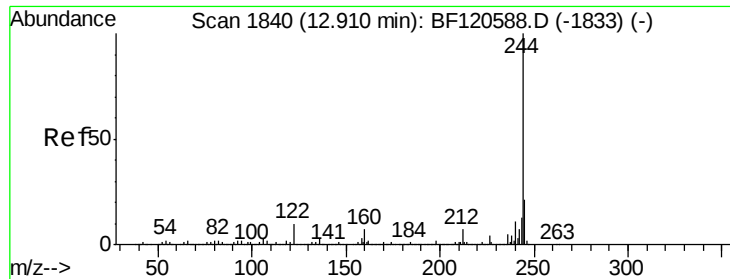
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#78
Pyrene
Concen: 3.587 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.04 min
Lab File: BF120732.D
Acq: 29 Jun 2020 17:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	26.0	16.6	25.0#
203	49.9	14.2	21.2#





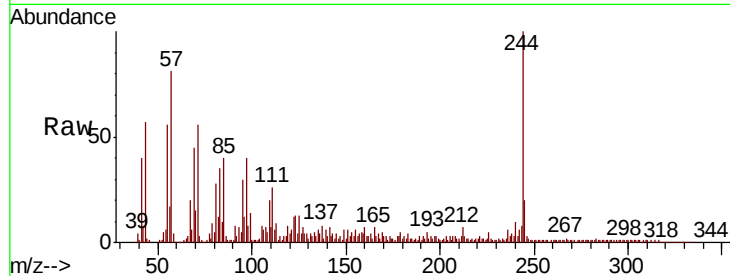
#79
 Terphenyl-d14
 Concen: 70.688 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.04 min
 Lab File: BF120732.D
 Acq: 29 Jun 2020 17:24

Instrument :
 BNA_F
 ClientSampleId :
 72-11982

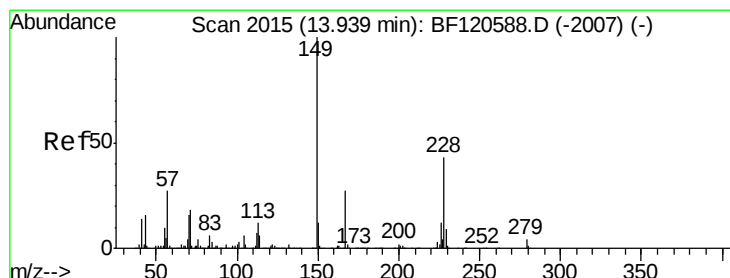
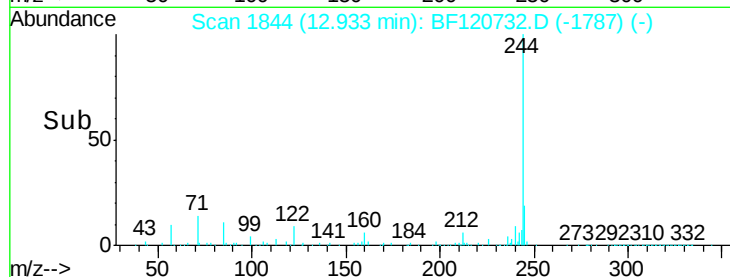
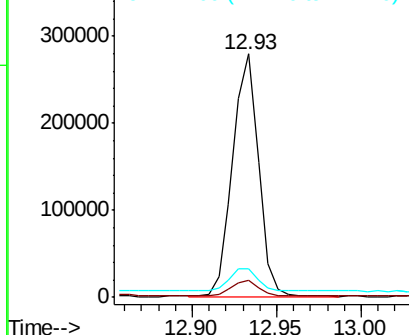
Tot Ion	Ratio	Resp	Lower	Upper
244	100	296656		
212	7.1		5.6	8.4
122	11.8		8.8	13.2

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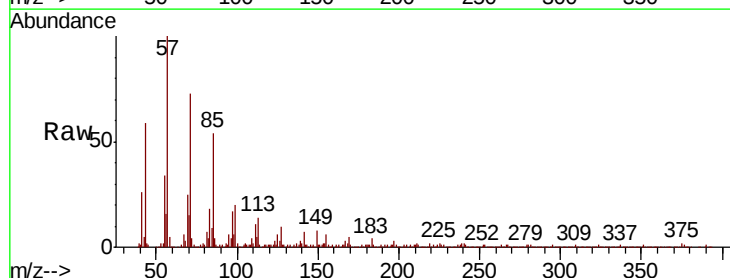


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

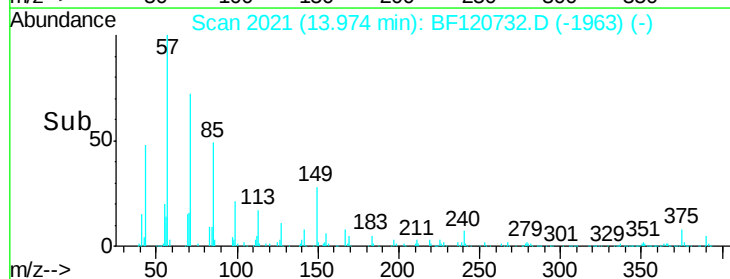
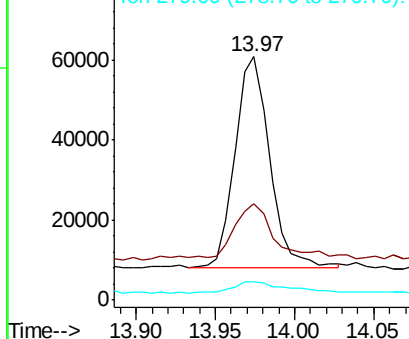


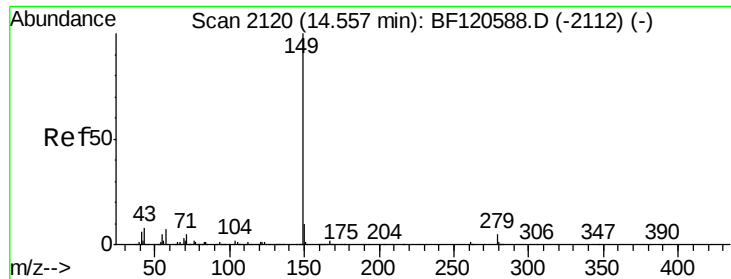
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 22.590 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.04 min
 Lab File: BF120732.D
 Acq: 29 Jun 2020 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	80392		
167	39.7		21.9	32.9#
279	7.5		3.6	5.4#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 16.043 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.09 min

Lab File: BF120732.D

Acq: 29 Jun 2020 17:24

Instrument :

BNA_F

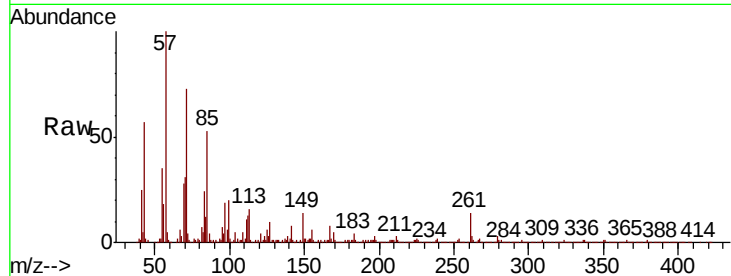
ClientSampled :

72-11982

Tot Ion:	149	Resp:	108958
Ion Ratio	Lower	Upper	
149	100		
167	0.0	1.2	1.8#
43	34.8	7.3	10.9#

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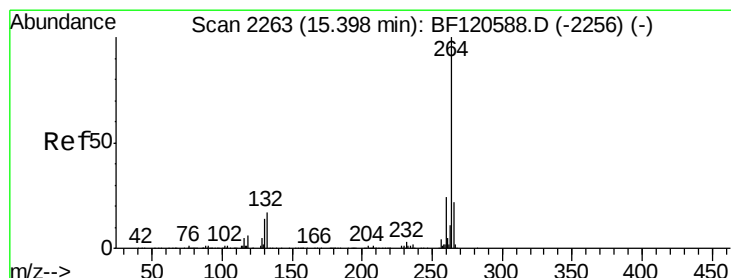
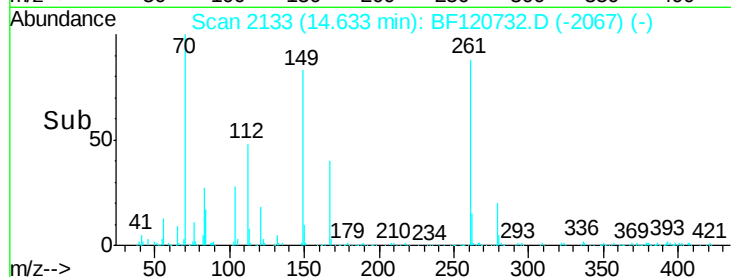
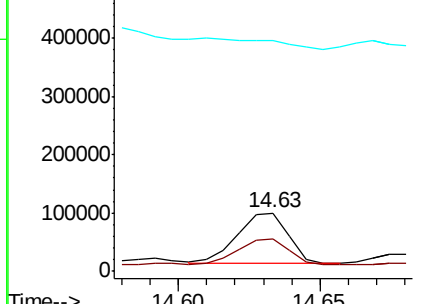
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.08 min

Lab File: BF120732.D

Acq: 29 Jun 2020 17:24

Tgt Ion:	264	Resp:	115306
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.4	29.2
265	23.0	17.4	26.0

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

