

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
 Data File : BF120253.D
 Acq On : 30 Apr 2020 21:35
 Operator : MA/SJ
 Sample : L2452-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11976

Manual Integrations
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mohammad
 5/4/2020 8:19:11 AM

Quant Time: May 01 02:18:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 12:39:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	115736	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	437133	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	219556	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	433189	20.00	ng	0.00
76) Chrysene-d12	13.82	240	356048	20.00	ng	0.00
87) Perylene-d12	15.23	264	349221	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	712781	106.43	ng	0.00
7) Phenol-d6	6.31	99	875495	101.46	ng	0.00
23) Nitrobenzene-d5	7.22	82	544515	64.44	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	223113	83.00	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1023988	66.22	ng	0.00
79) Terphenyl-d14	12.77	244	1247668	58.96	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.42	163	73194	4.310	ng	99
71) Phenanthrene	11.20	178	141726	6.147	ng	96
75) Fluoranthene	12.39	202	219770	8.835	ng	94
78) Pyrene	12.62	202	188774	6.289	ng	97
81) Benzo(a)anthracene	13.81	228	73094	3.121	ng	93
83) Chrysene	13.85	228	85180m	3.579	ng	
84) Bis(2-ethylhexyl)phthalate	13.81	149	51755	2.624	ng	# 96
86) Indeno(1,2,3-cd)pyrene	16.58	276	48822	2.327	ng	97
88) Benzo(b)fluoranthene	14.83	252	106561m	4.242	ng	
90) Benzo(a)pyrene	15.17	252	69527	3.292	ng	# 93
92) Benzo(g,h,i)perylene	16.99	276	45444	2.461	ng	96

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

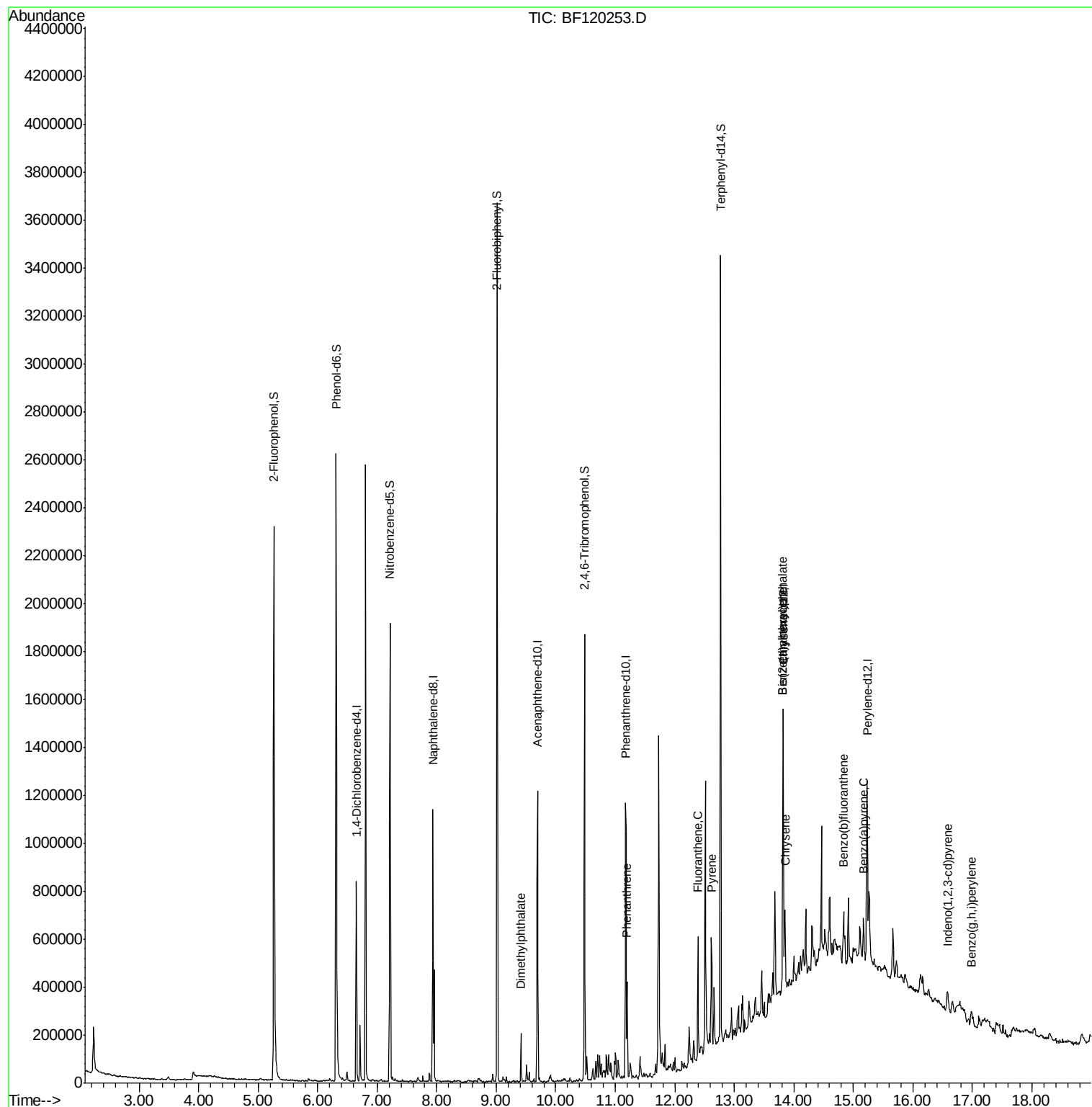
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
Data File : BF120253.D
Acq On : 30 Apr 2020 21:35
Operator : MA/SJ
Sample : L2452-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

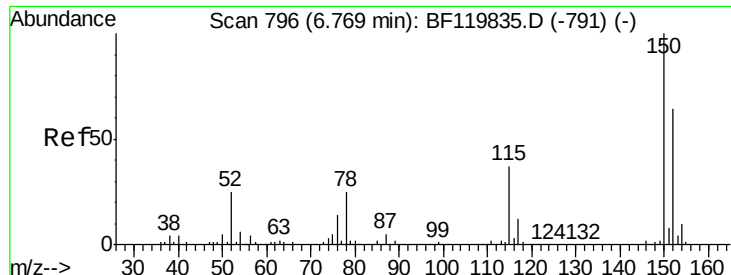
Instrument :
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72-11976

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

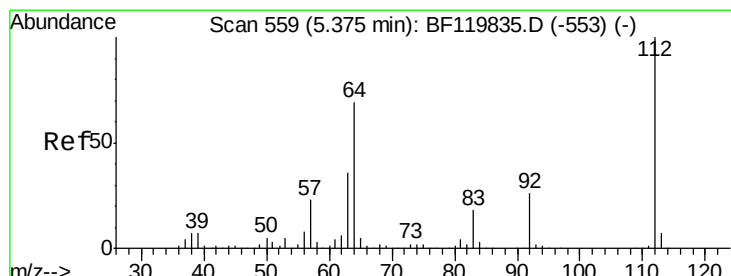
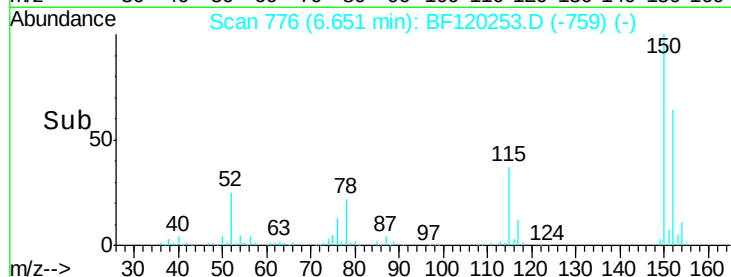
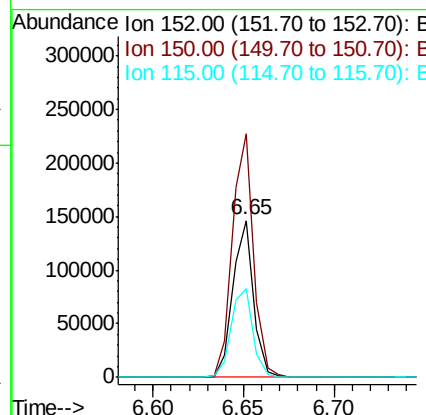
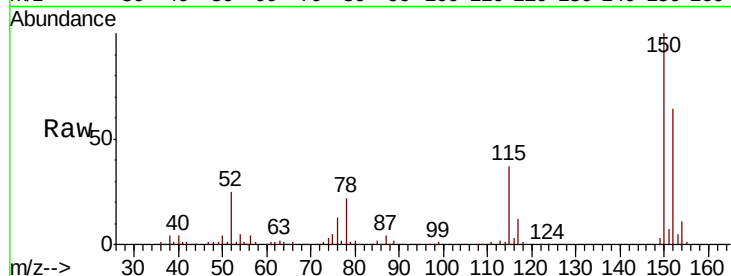
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF120253.D
Acq: 30 Apr 2020 21:35

Instrument :
BNA_F
ClientSampleId :
72-11976

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.5	186.7
115	57.0	49.6	74.4

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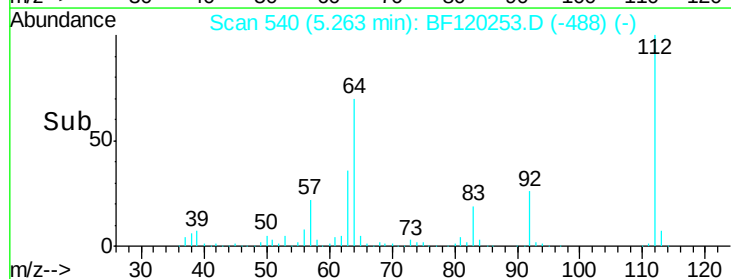
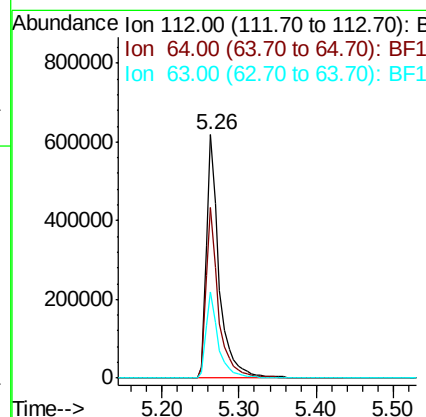
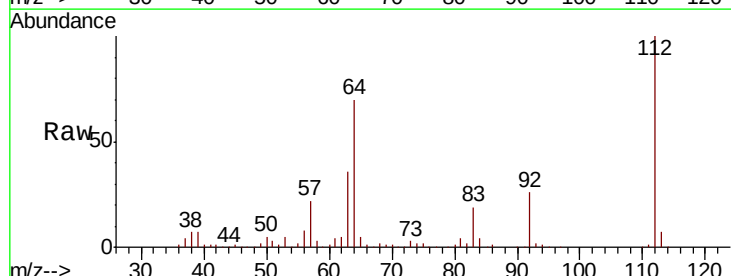
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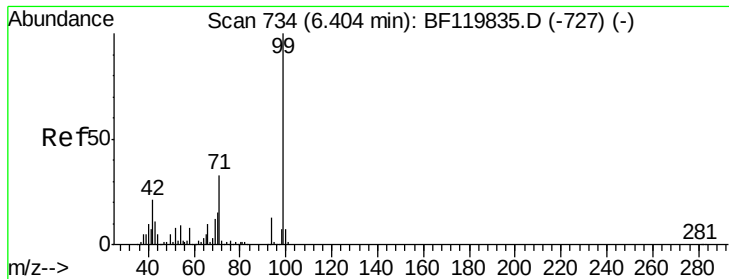


#5

2-Fluorophenol
Concen: 106.433 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF120253.D
Acq: 30 Apr 2020 21:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	56.7	85.1
63	35.5	29.5	44.3





#7

Phenol-d6

Concen: 101.455 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF120253.D

Acq: 30 Apr 2020 21:35

Instrument :

BNA_F

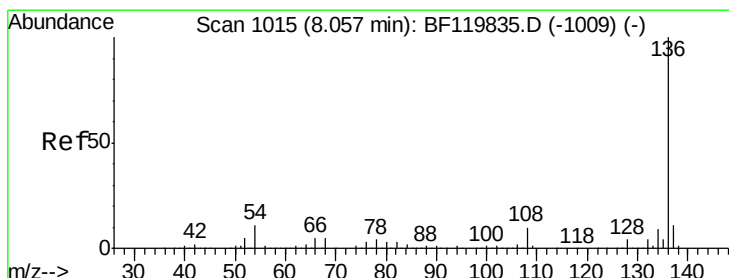
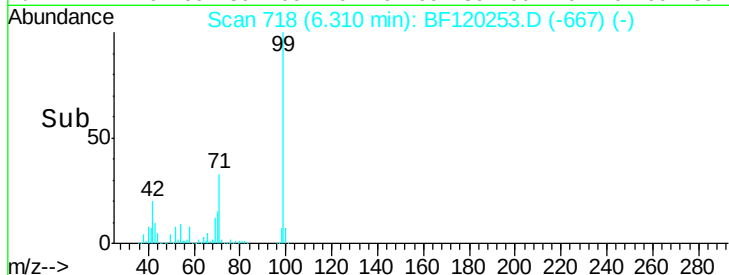
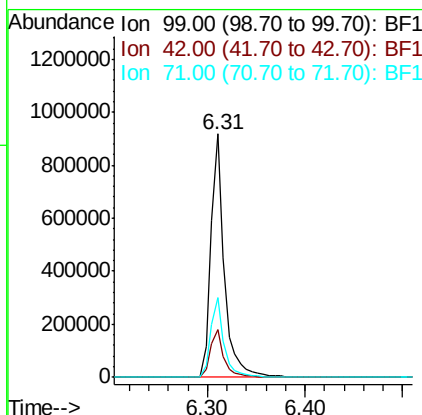
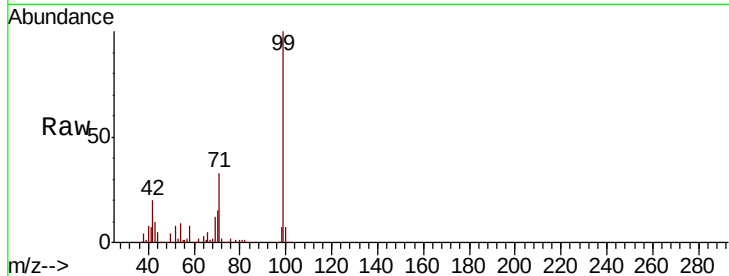
ClientSampleId :

72-11976

Tot Ion:	99	Resp:	875495
Ion Ratio	Lower	Upper	
99	100		
42	19.6	16.6	24.8
71	32.7	26.4	39.6

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#21

Naphthalene-d8

Concen: 20.000 ng

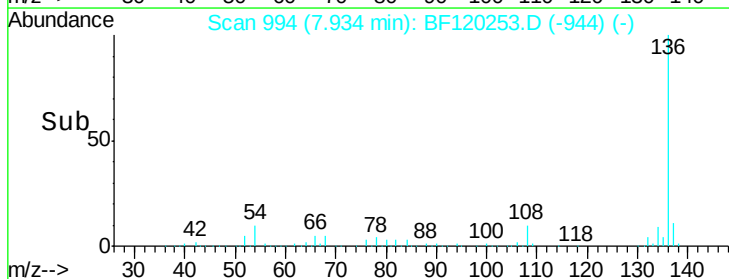
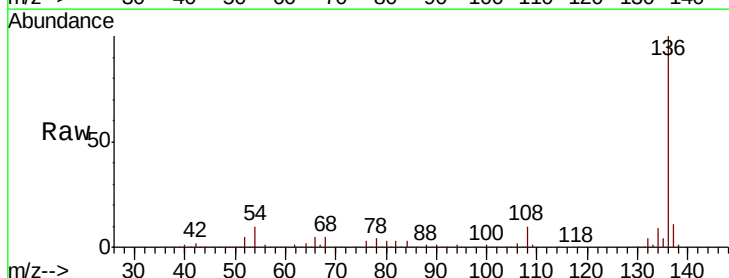
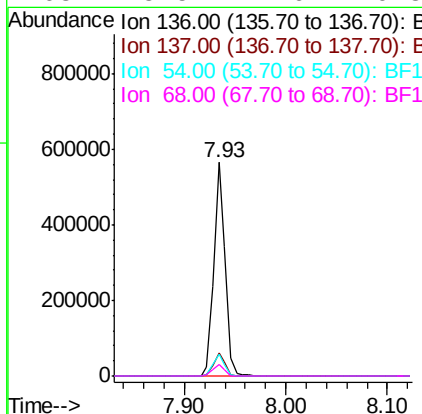
RT: 7.93 min Scan# 994

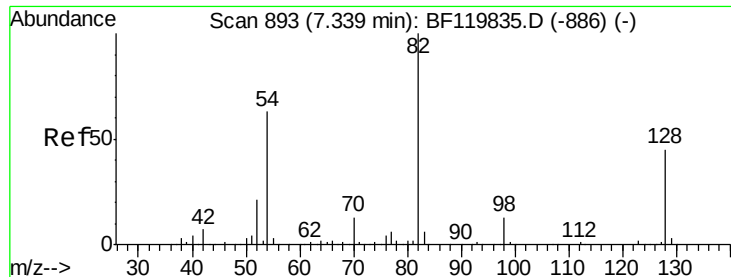
Delta R.T. -0.01 min

Lab File: BF120253.D

Acq: 30 Apr 2020 21:35

Tgt Ion:	136	Resp:	437133
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	10.4	9.1	13.7
68	5.5	4.6	6.8





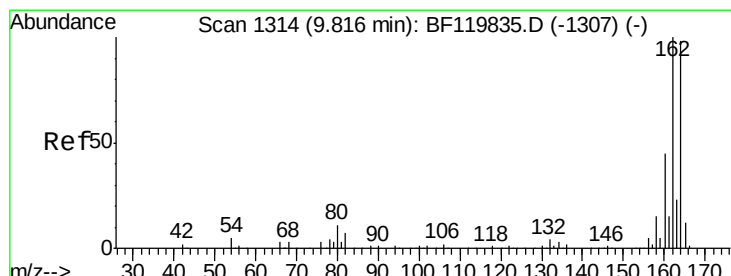
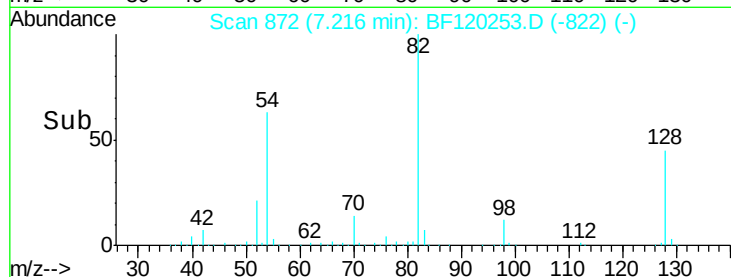
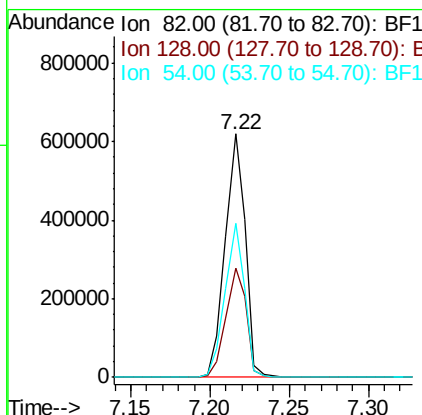
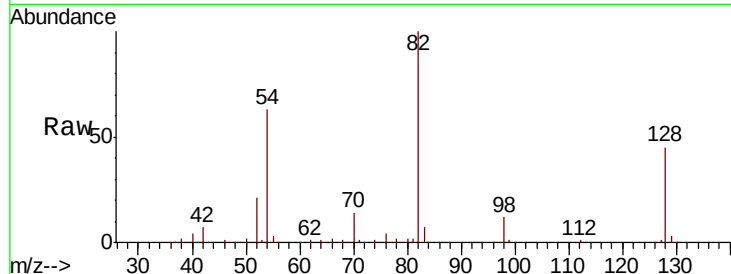
#23
 Nitrobenzene-d5
 Concen: 64.442 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: BF120253.D
 Acq: 30 Apr 2020 21:35

Instrument :
 BNA_F
 ClientSampleId :
 72-11976

Tot Ion	Ratio	Resp	Lower	Upper
82	100	544515		
128	44.7	36.3	54.5	
54	63.4	50.6	75.8	

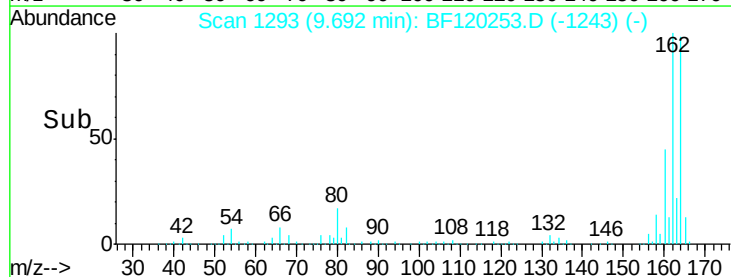
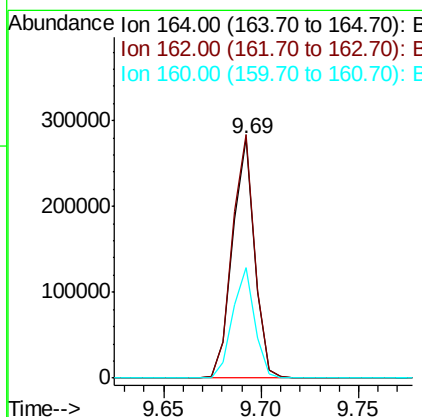
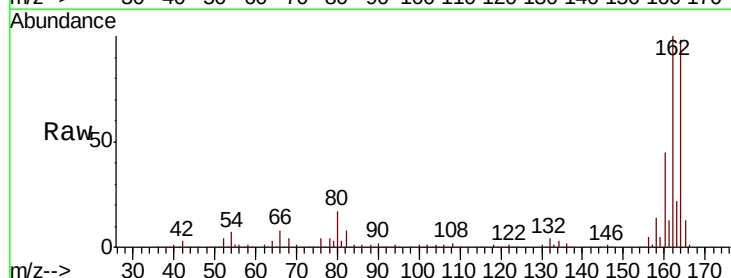
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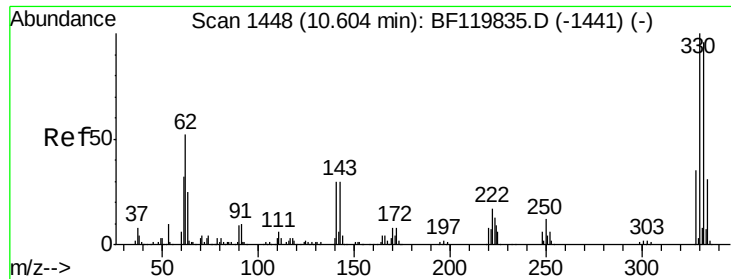
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF120253.D
 Acq: 30 Apr 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	219556		
162	101.6	80.6	121.0	
160	46.2	35.7	53.5	





#42

2,4,6-Tribromophenol

Concen: 83.000 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF120253.D

Acq: 30 Apr 2020 21:35

Instrument :

BNA_F

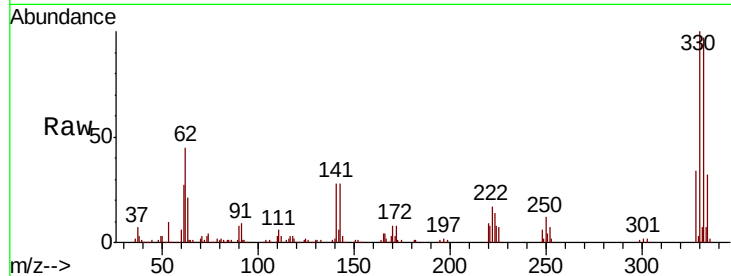
ClientSampleId :

72-11976

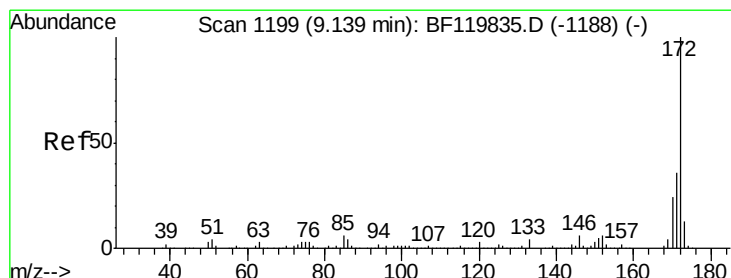
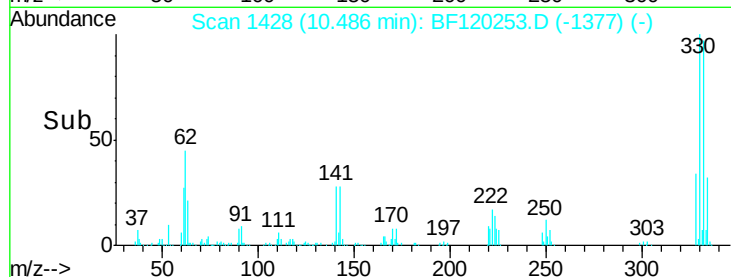
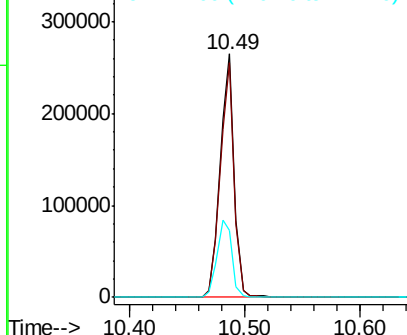
Tot Ion:	330	Resp:	223113
Ion Ratio	Lower	Upper	
330	100		
332	95.1	75.7	113.5
141	34.3	25.4	38.0

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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: 66.217 ng

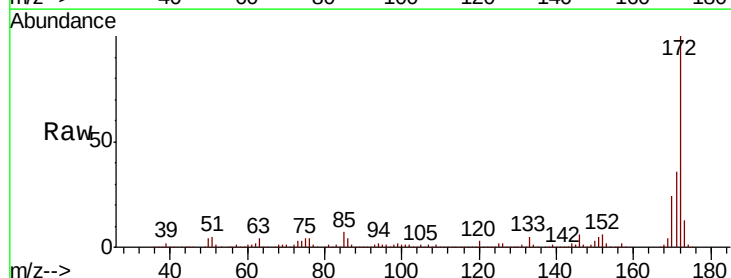
RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

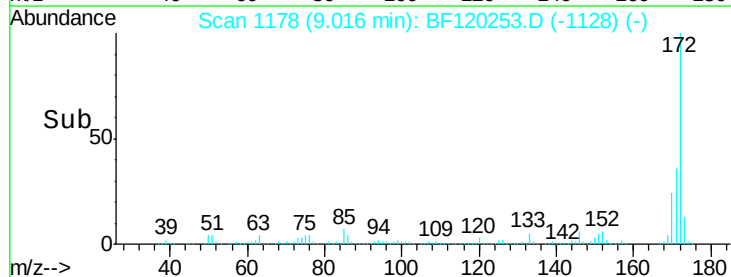
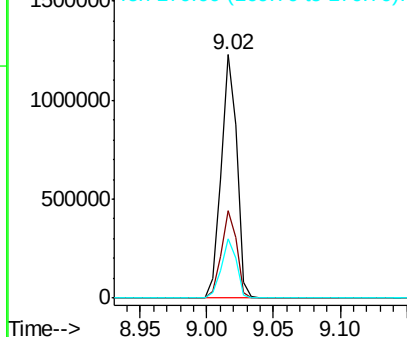
Lab File: BF120253.D

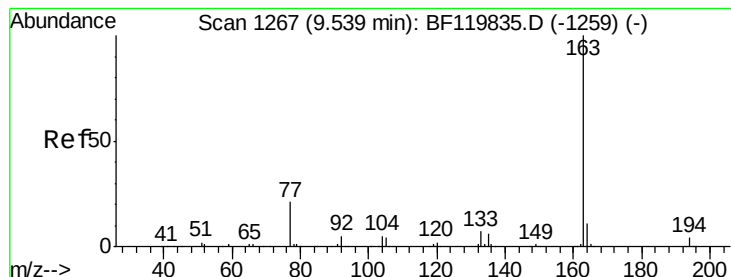
Acq: 30 Apr 2020 21:35

Tgt Ion:	172	Resp:	1023988
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.6	44.4
170	24.2	20.2	30.2



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: 4.310 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BF120253.D

Acq: 30 Apr 2020 21:35

Instrument :

BNA_F

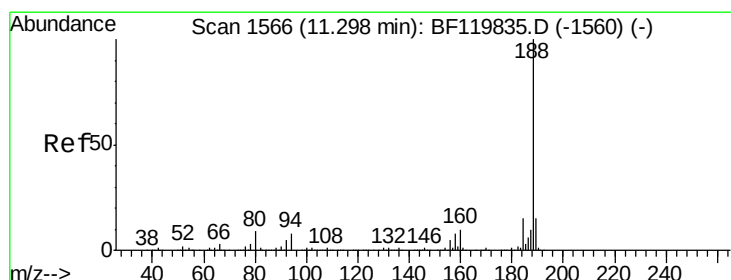
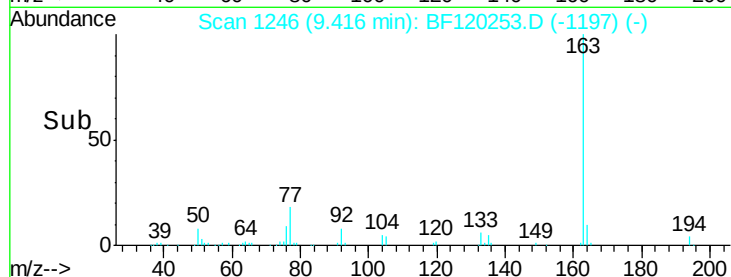
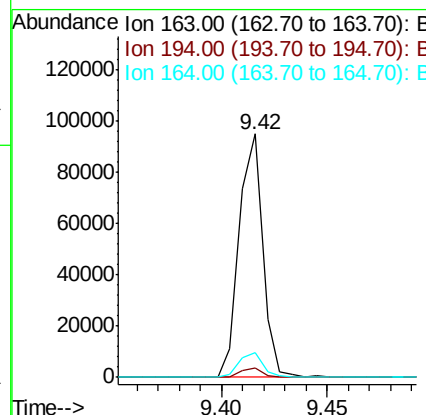
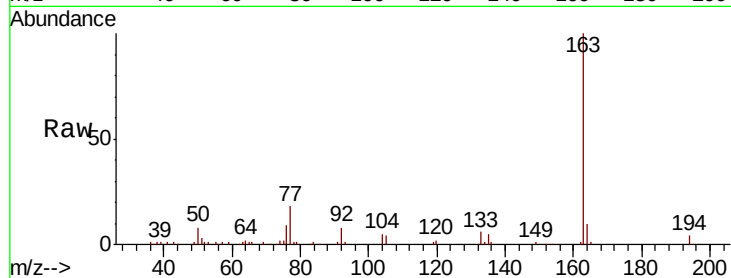
ClientSampleId :

72-11976

Tot Ion:	163	Resp:	73194
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.1	4.7
164	10.0	8.2	12.2

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#64

Phenanthrene-d10

Concen: 20.000 ng

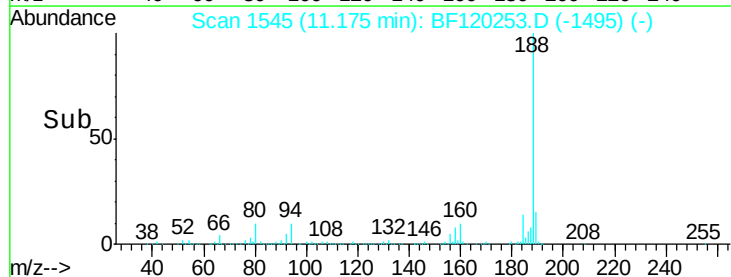
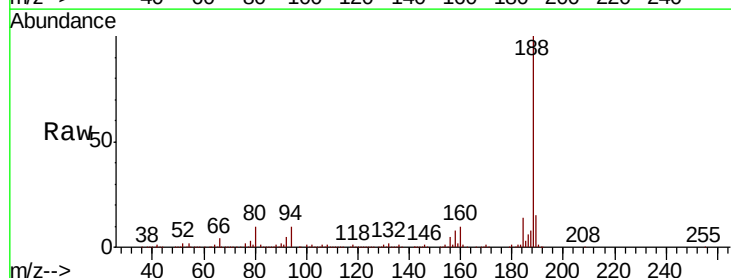
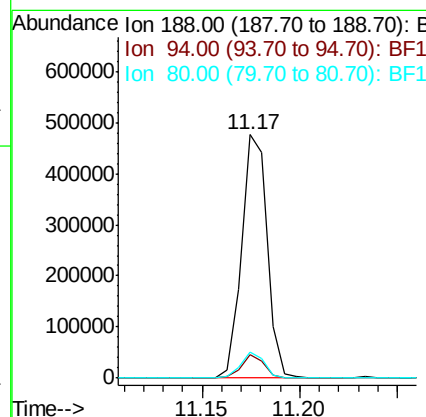
RT: 11.17 min Scan# 1545

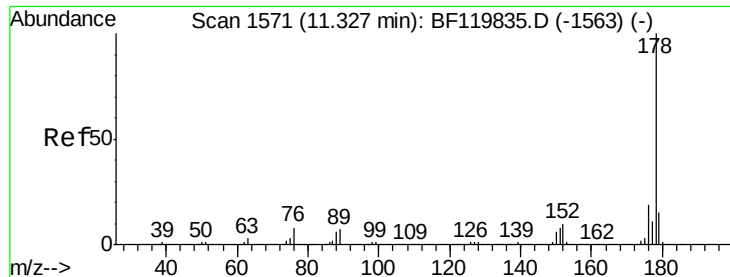
Delta R.T. -0.01 min

Lab File: BF120253.D

Acq: 30 Apr 2020 21:35

Tgt Ion:	188	Resp:	433189
Ion Ratio	Lower	Upper	
188	100		
94	9.6	7.5	11.3
80	10.5	9.0	13.4





#71

Phenanthrene

Concen: 6.147 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF120253.D

Acq: 30 Apr 2020 21:35

Instrument :

BNA_F

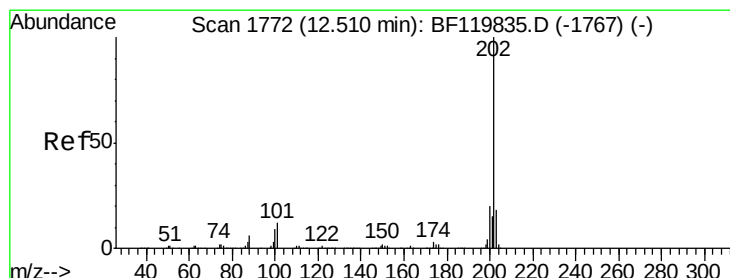
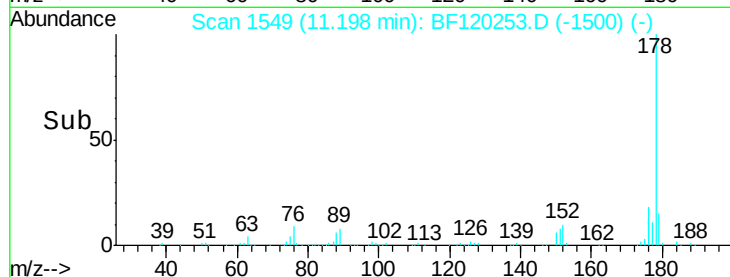
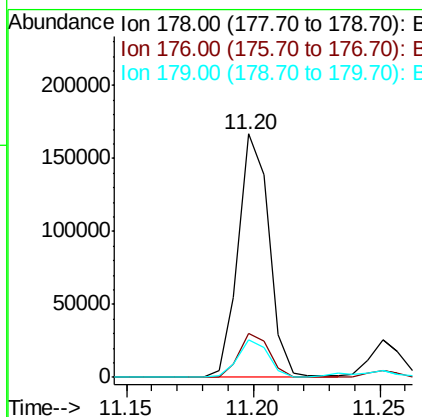
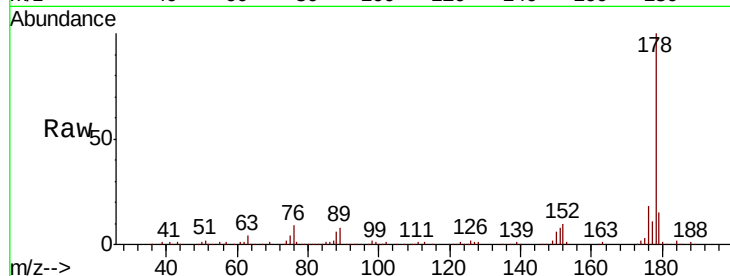
ClientSampleId :

72-11976

Tot Ion:	178	Resp:	141726
Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.2	24.4
179	15.4	13.2	19.8

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#75

Fluoranthene

Concen: 8.835 ng

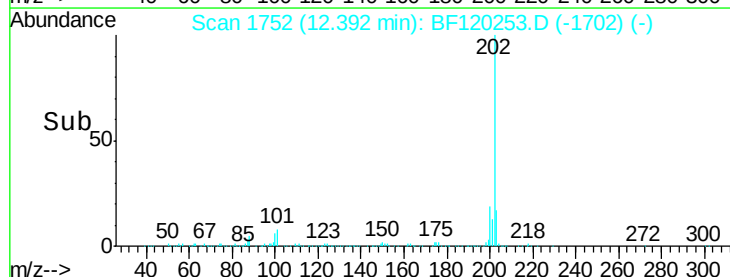
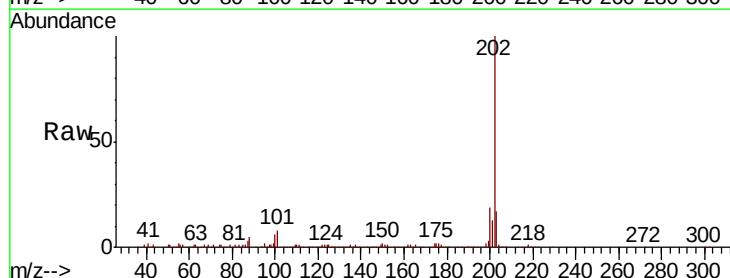
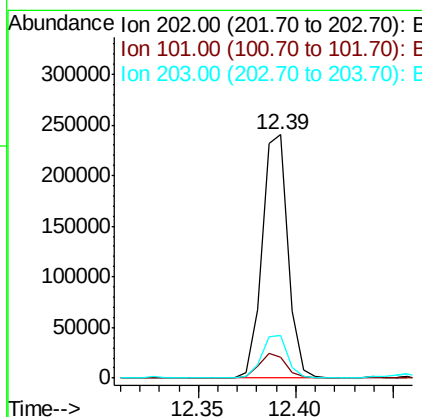
RT: 12.39 min Scan# 1752

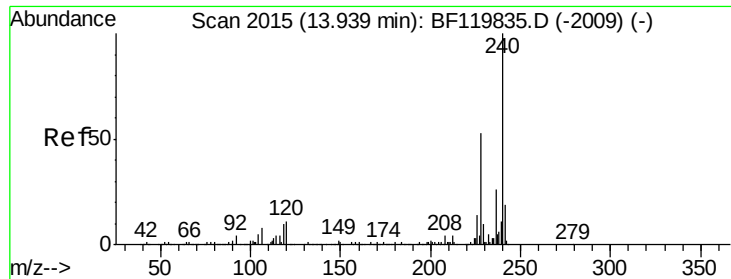
Delta R.T. -0.01 min

Lab File: BF120253.D

Acq: 30 Apr 2020 21:35

Tgt Ion:	202	Resp:	219770
Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	32.2
203	17.5	0.0	38.8





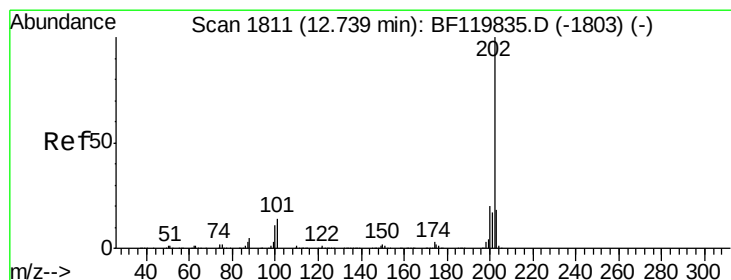
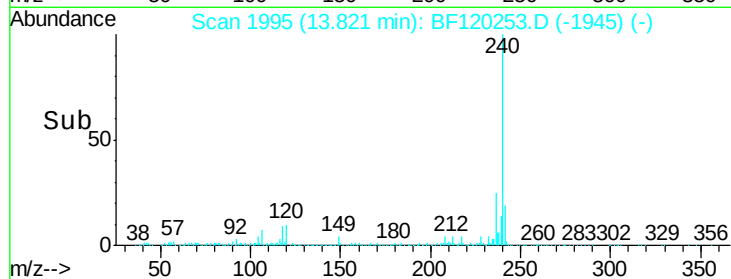
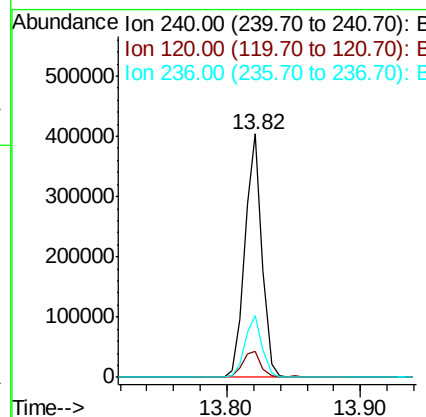
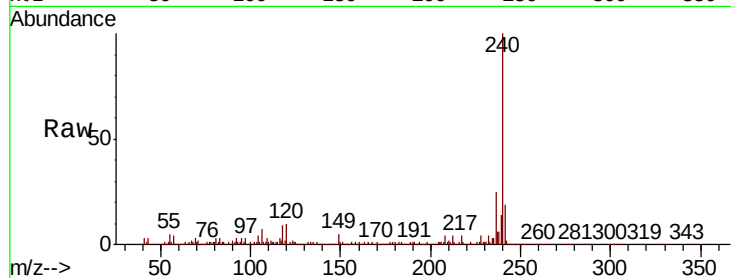
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF120253.D
Acq: 30 Apr 2020 21:35

Instrument :
BNA_F
ClientSampled :
72-11976

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	10.6	15.8#
236	25.4	20.2	30.2

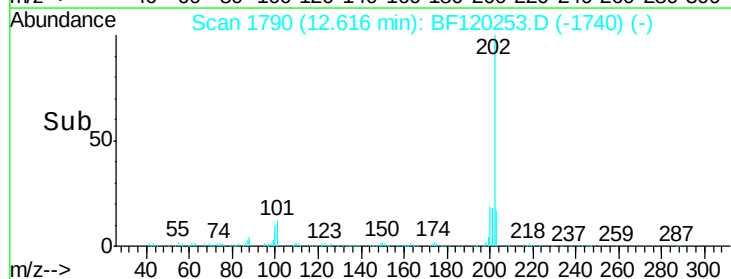
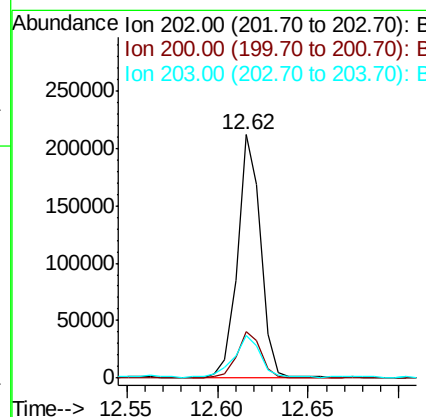
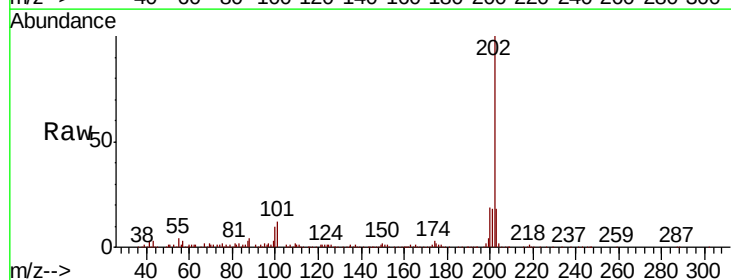
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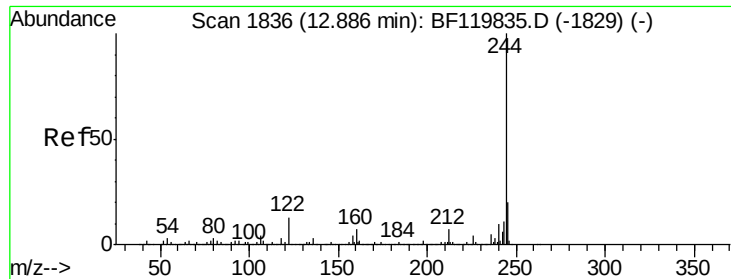
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#78
Pyrene
Concen: 6.289 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF120253.D
Acq: 30 Apr 2020 21:35

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.3	16.8	25.2
203	17.7	15.1	22.7





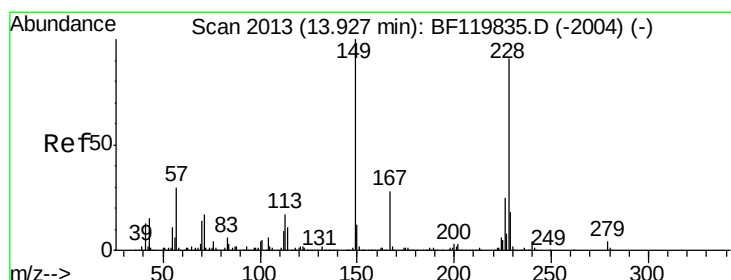
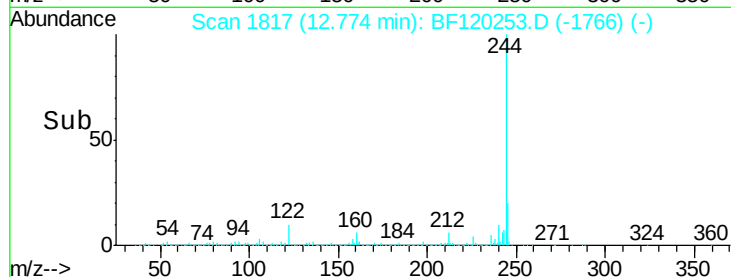
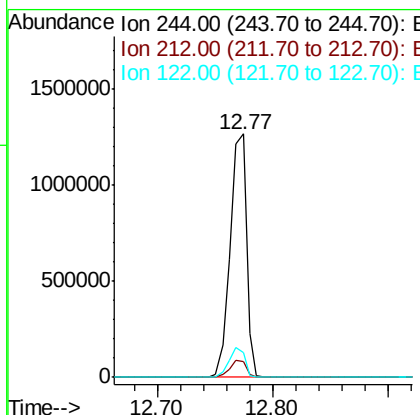
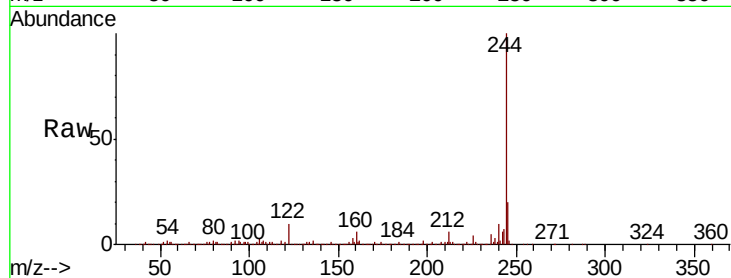
#79
 Terphenyl-d14
 Concen: 58.964 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BF120253.D
 Acq: 30 Apr 2020 21:35

Instrument :
 BNA_F
 ClientSampleId :
 72-11976

Tot Ion:244 Resp: 1247668
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.8
 122 10.1 10.3 15.5#

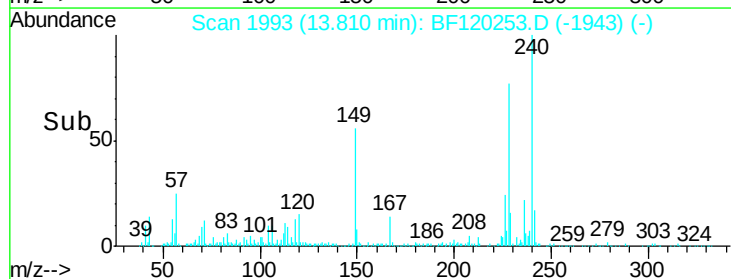
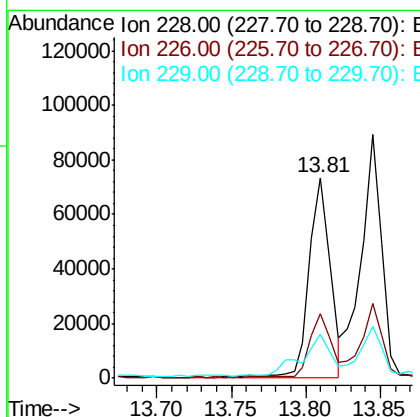
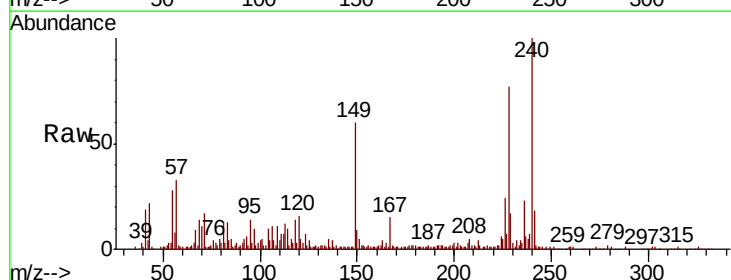
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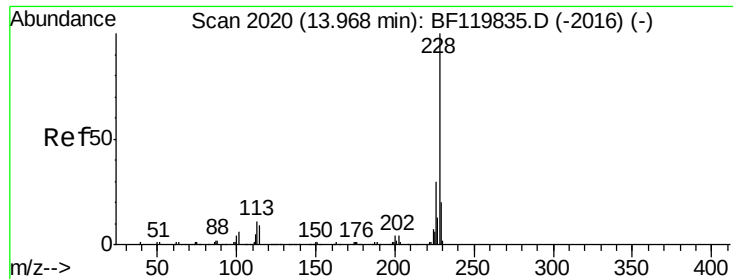
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#81
 Benzo(a)anthracene
 Concen: 3.121 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF120253.D
 Acq: 30 Apr 2020 21:35

Tgt Ion:228 Resp: 73094
 Ion Ratio Lower Upper
 228 100
 226 31.9 21.8 32.8
 229 22.2 16.2 24.4





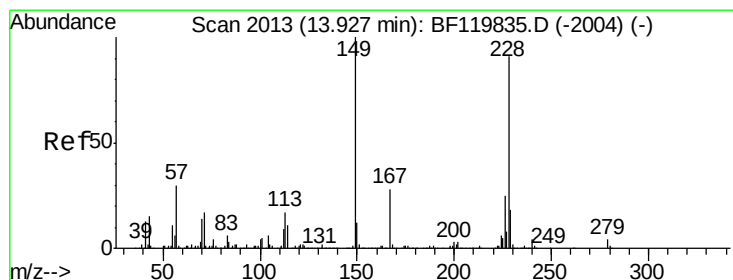
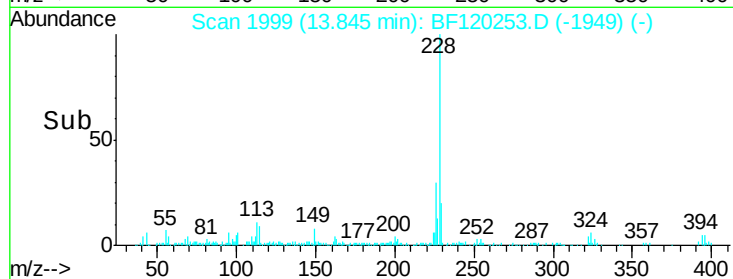
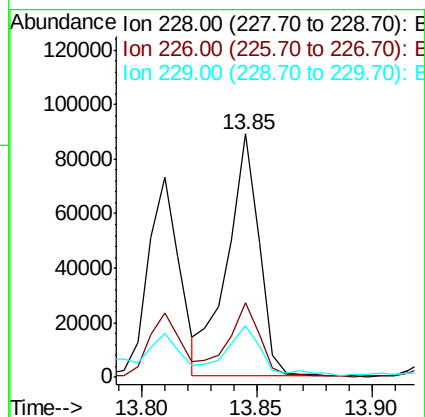
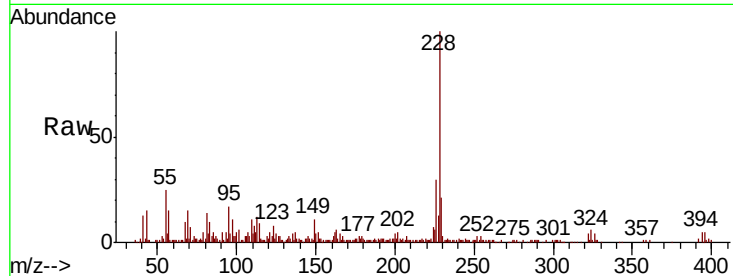
#83
Chrysene
Concen: 3.579 ng/mL
RT: 13.85 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF120253.D
Acq: 30 Apr 2020 21:35

Instrument :
BNA_F
ClientSampleId :
72-11976

Tot Ion:	228	Resp:	85180
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.4	38.0
229	21.1	16.6	24.8

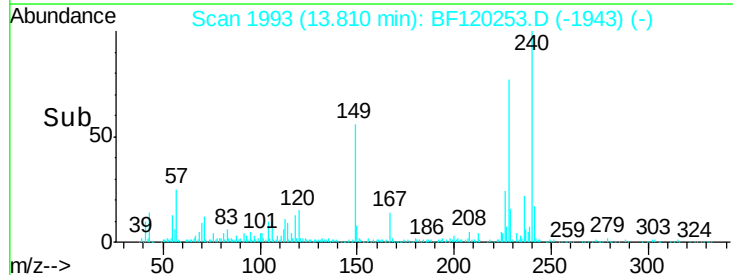
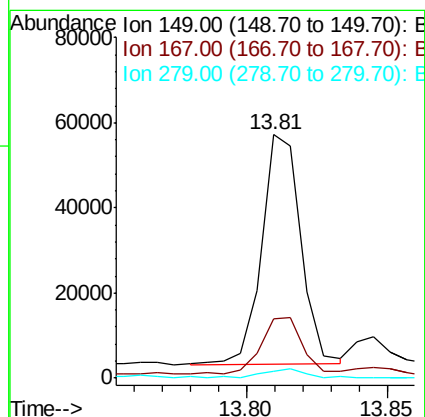
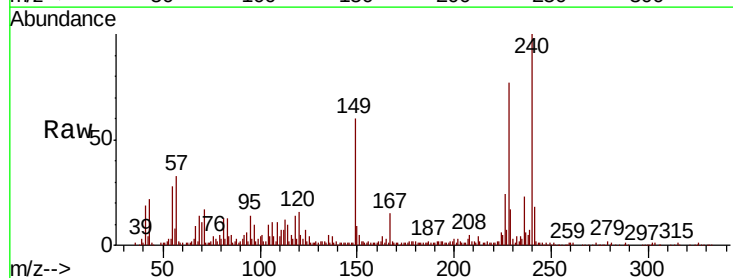
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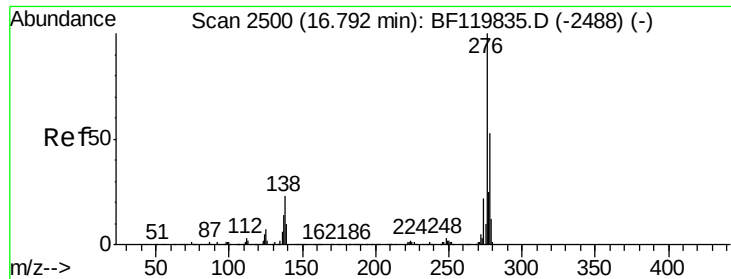
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.624 ng/mL
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF120253.D
Acq: 30 Apr 2020 21:35

Tgt Ion:	149	Resp:	51755
Ion Ratio	Lower	Upper	
149	100		
167	24.3	21.3	31.9
279	2.6	2.7	4.1#





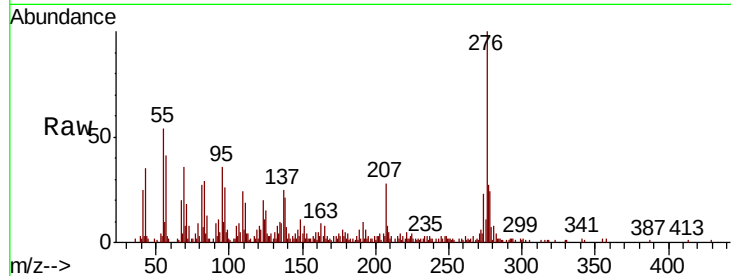
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.327 ng
 RT: 16.58 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BF120253.D
 Acq: 30 Apr 2020 21:35

Instrument :
 BNA_F
 ClientSampleId :
 72-11976

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	19.6	29.4
277	24.5	20.0	30.0

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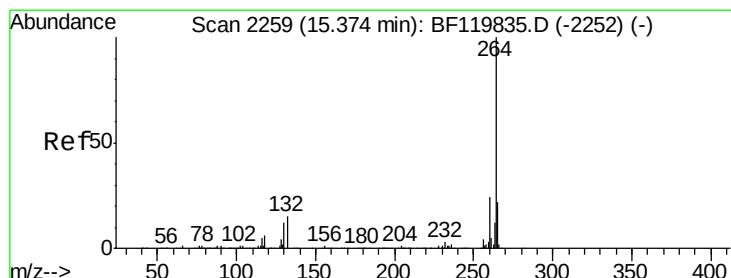
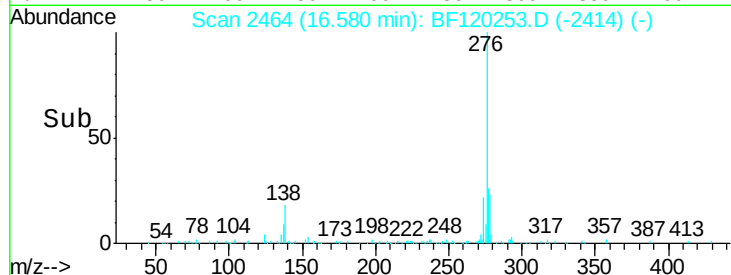
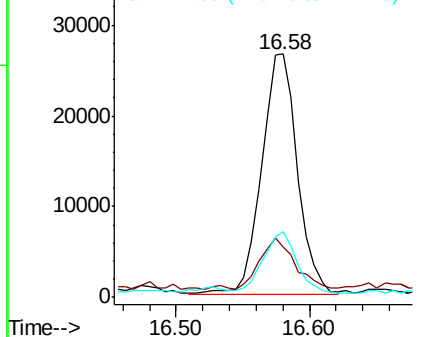


Abundance

Ion 276.00 (275.70 to 276.70): E

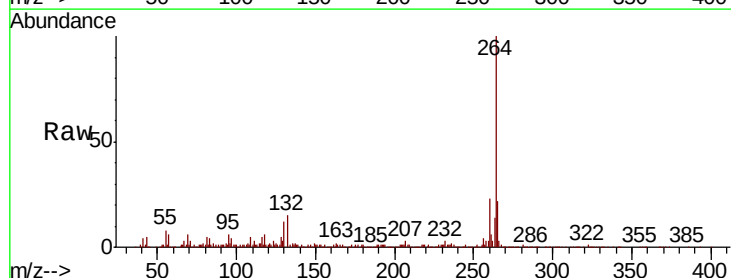
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. 0.01 min
 Lab File: BF120253.D
 Acq: 30 Apr 2020 21:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.7	17.7	26.5

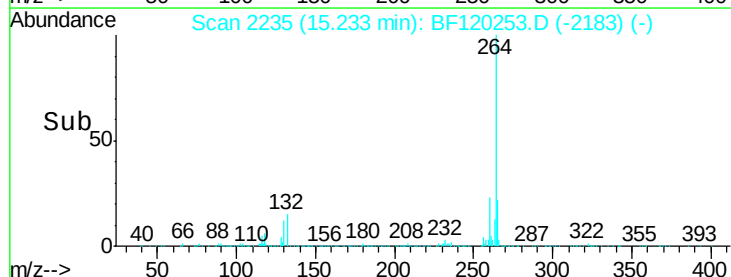
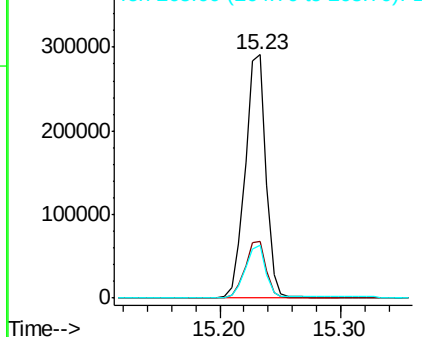


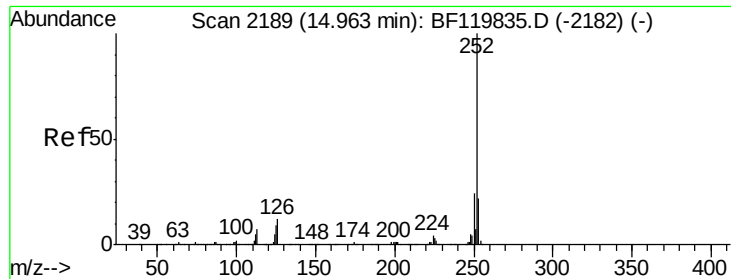
Abundance

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





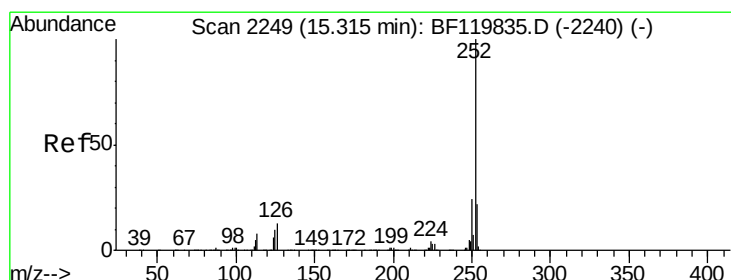
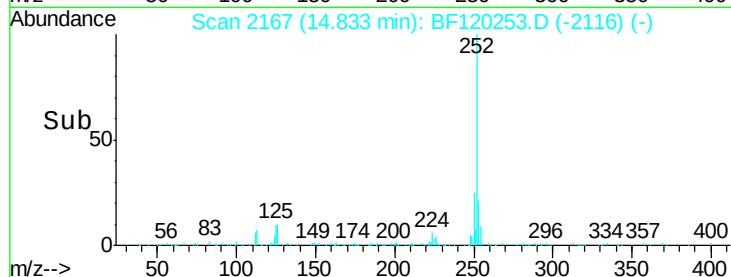
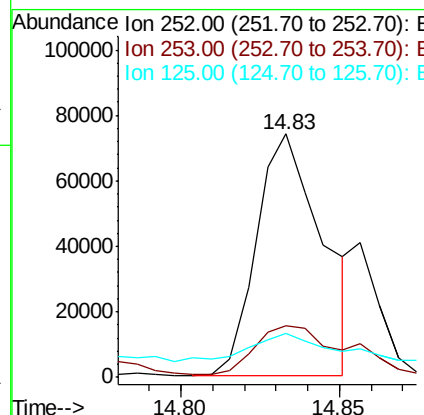
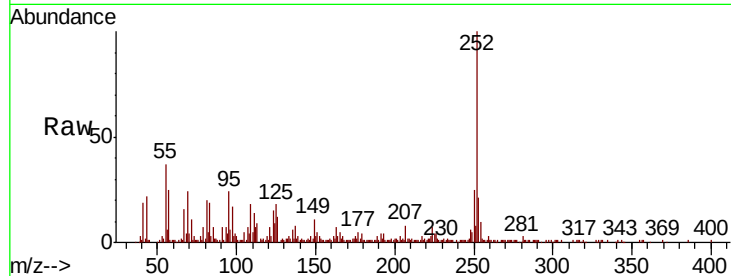
#88
Benzo(b)fluoranthene
Concen: 4.242 ng m
RT: 14.83 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BF120253.D
Acq: 30 Apr 2020 21:35

Instrument :
BNA_F
ClientSampled :
72-11976

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.5	17.4	26.0	
125	18.2	7.9	11.9	

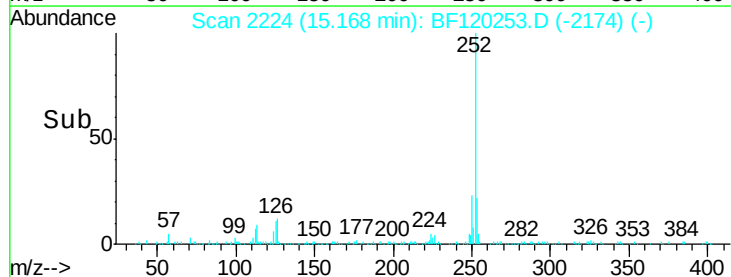
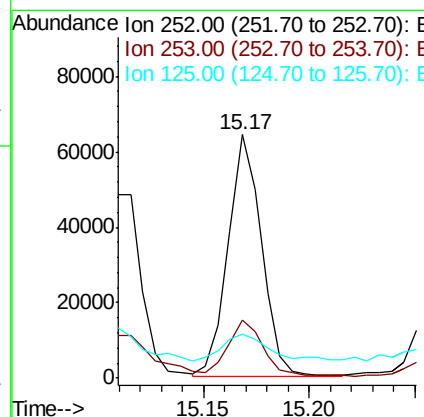
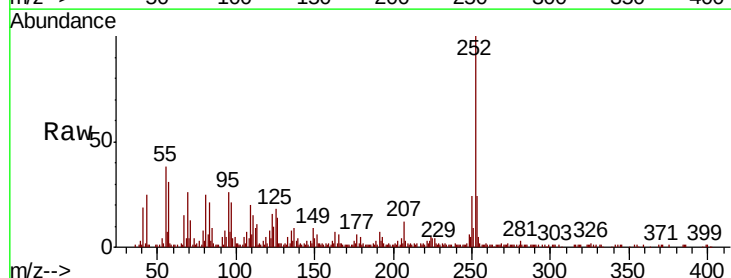
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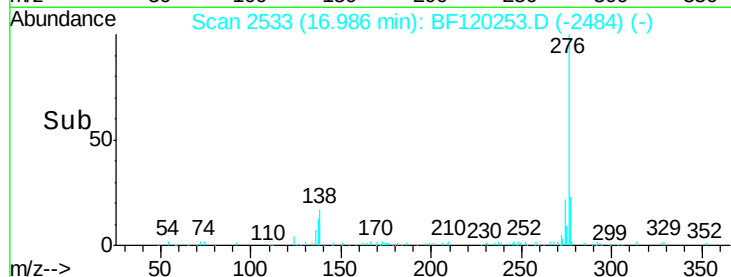
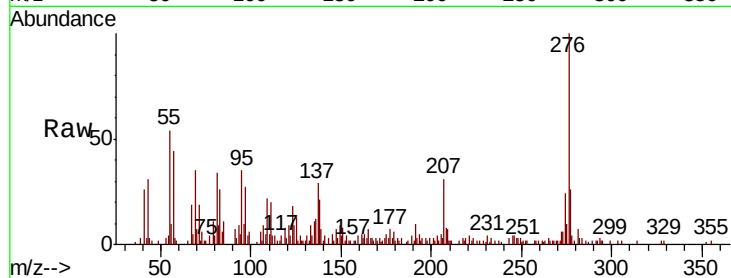
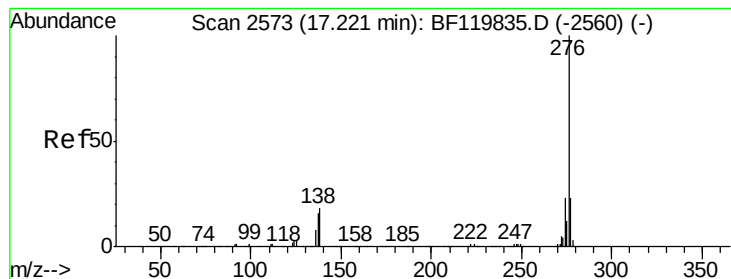
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#90
Benzo(a)pyrene
Concen: 3.292 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF120253.D
Acq: 30 Apr 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.9	18.2	27.2	
125	18.3	9.4	14.2	





#92

Benzo(a,h,i)perylene

Concen: 2.461 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF120253.D

Acq: 30 Apr 2020 21:35

Tot Ion:	276	Resp:	45444
Ion Ratio	Lower	Upper	
276	100		
277	25.6	18.4	27.6
138	20.5	15.4	23.0

Instrument :

BNA_F

ClientSampleId :

72-11976

Manual Integrations
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