

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
 Data File : BF121010.D
 Acq On : 24 Jul 2020 18:49
 Operator : JU/CG
 Sample : L3360-01RX
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1ARX

Manual Integrations
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Quant Time: Jul 25 00:18:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	169140	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	607513	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	318997	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	553985	20.00	ng	0.00
76) Chrysene-d12	13.97	240	376853	20.00	ng	0.00
86) Perylene-d12	15.42	264	454288	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	370914	35.95	ng	0.00
7) Phenol-d6	6.44	99	858751	64.43	ng	0.00
23) Nitrobenzene-d5	7.37	82	640894	61.04	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	70986	20.33	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1219018	57.06	ng	0.00
79) Terphenyl-d14	12.92	244	1015660	58.59	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	238356	10.357	ng	99
71) Phenanthrene	11.36	178	657549	23.079	ng	98
72) Anthracene	11.40	178	169427	5.922	ng	98
73) Carbazole	11.56	167	111938	3.943	ng	99
75) Fluoranthene	12.54	202	1405890	44.517	ng	99
78) Pyrene	12.77	202	1247464	46.820	ng	99
81) Benzo(a)anthracene	13.96	228	691145	30.286	ng	98
83) Chrysene	14.00	228	660533	27.543	ng	97
87) Indeno(1,2,3-cd)pyrene	16.84	276	375315m	11.879	ng	
88) Benzo(b)fluoranthene	15.00	252	811847m	29.565	ng	
89) Benzo(k)fluoranthene	15.02	252	273423m	10.918	ng	
90) Benzo(a)pyrene	15.36	252	592682	23.657	ng	97
91) Dibenzo(a,h)anthracene	16.85	278	102946	3.989	ng	# 89
92) Benzo(g,h,i)perylene	17.27	276	359593	14.132	ng	99

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

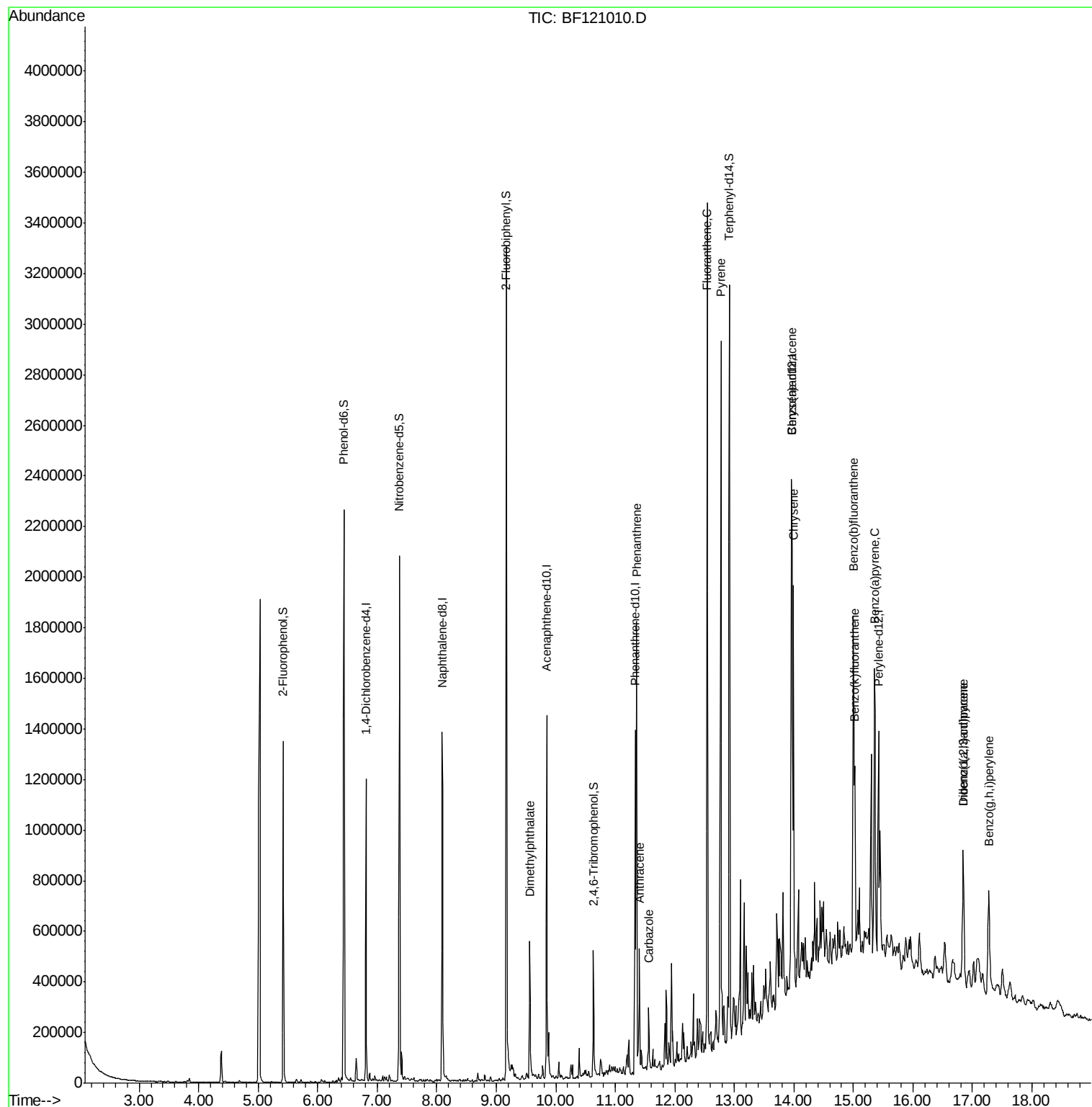
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121010.D
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Operator : JU/CG
Sample : L3360-01RX
Misc :
ALS Vial : 15 Sample Multiplier: 1

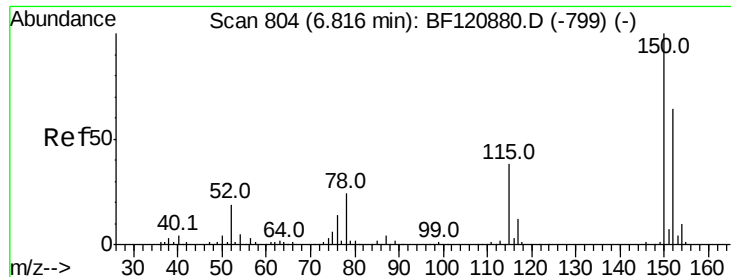
Instrument :
BNA_F
ClientSampleId :
SP-1ARX

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

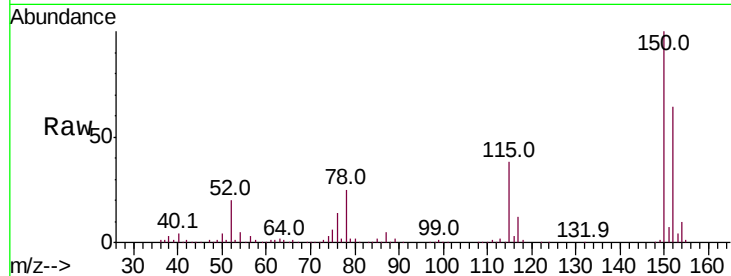
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121010.D
Acq: 24 Jul 2020 18:49

Instrument :
BNA_F
ClientSampled :
SP-1ARX

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.0	187.6
115	59.5	47.0	70.4

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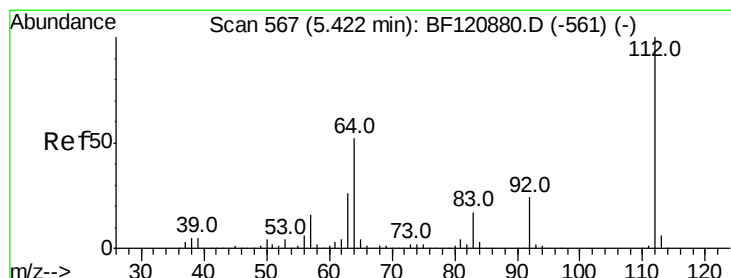
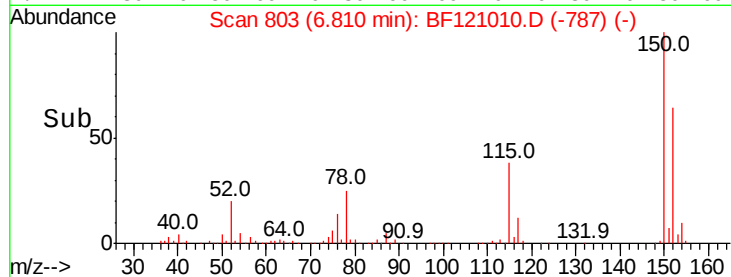
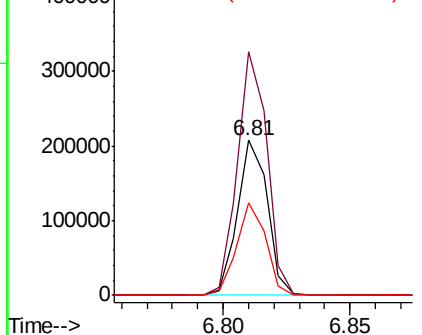


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

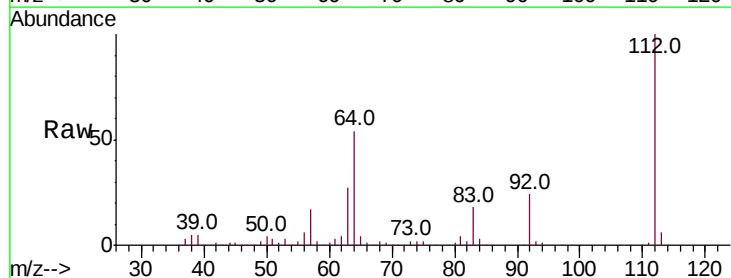
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 35.950 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF121010.D
Acq: 24 Jul 2020 18:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	41.3	61.9
63	27.5	21.1	31.7

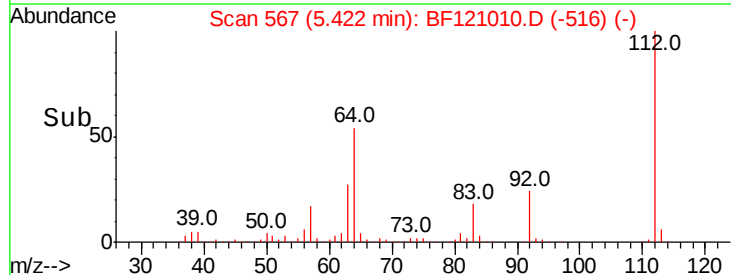
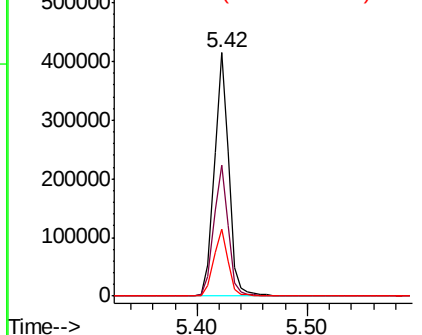


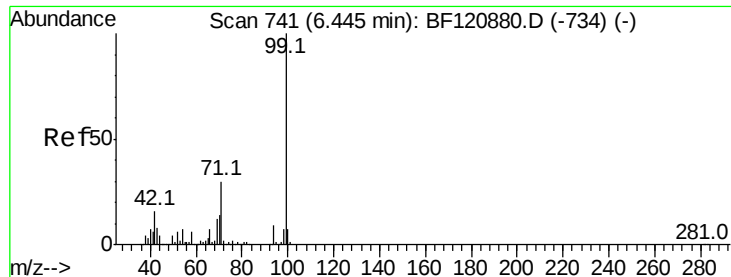
Abundance

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: 64.434 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121010.D

Acq: 24 Jul 2020 18:49

Instrument :

BNA_F

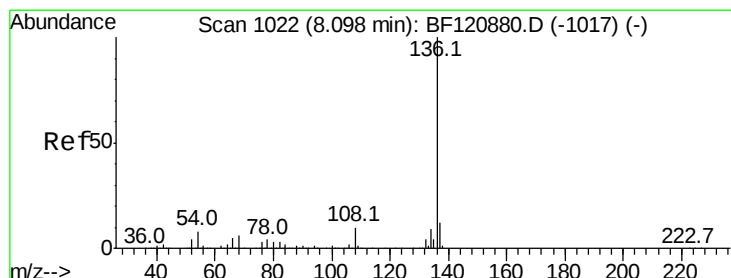
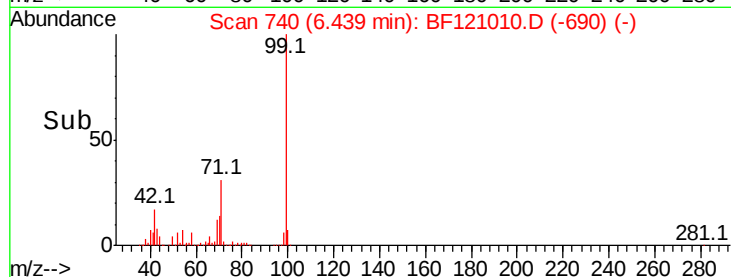
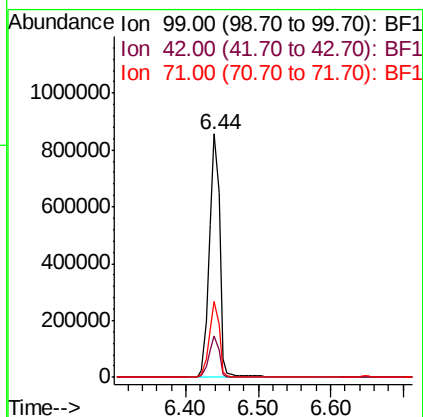
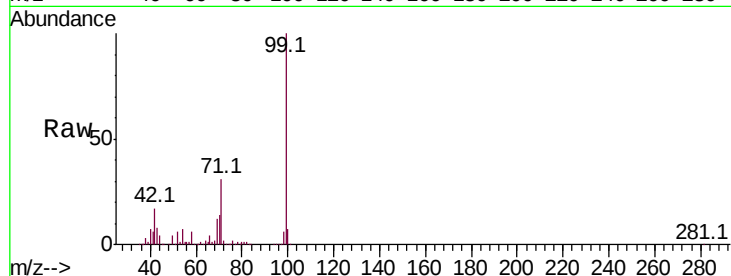
ClientSampleId :

SP-1ARX

Tot Ion:	99	Resp:	858751
Ion Ratio	Lower	Upper	
99	100		
42	16.8	13.1	19.7
71	31.0	24.2	36.4

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#21

Naphthalene-d8

Concen: 20.000 ng

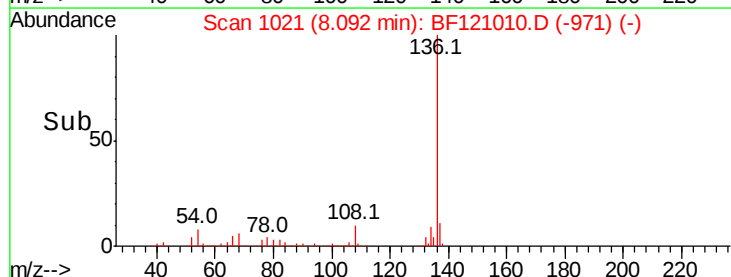
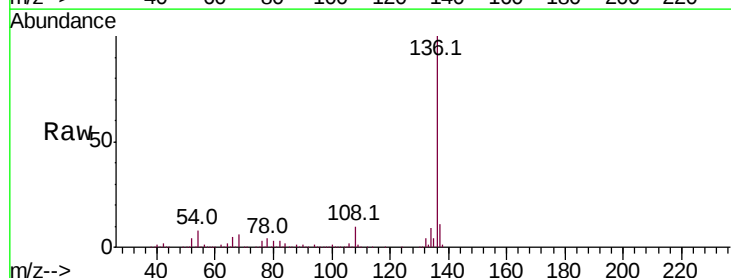
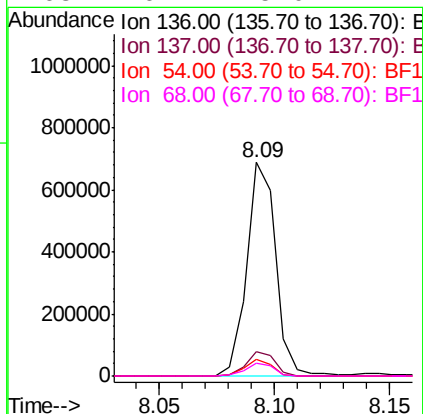
RT: 8.09 min Scan# 1021

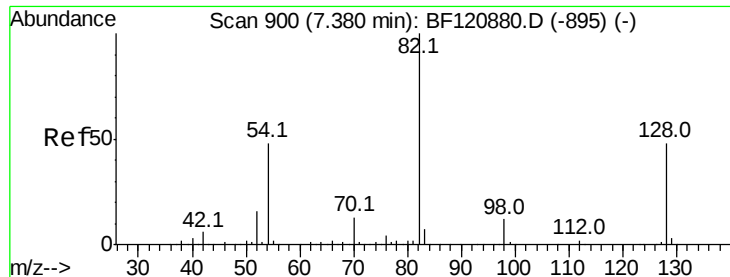
Delta R.T. -0.01 min

Lab File: BF121010.D

Acq: 24 Jul 2020 18:49

Tgt Ion:	136	Resp:	607513
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	7.8	6.3	9.5
68	6.2	5.0	7.4





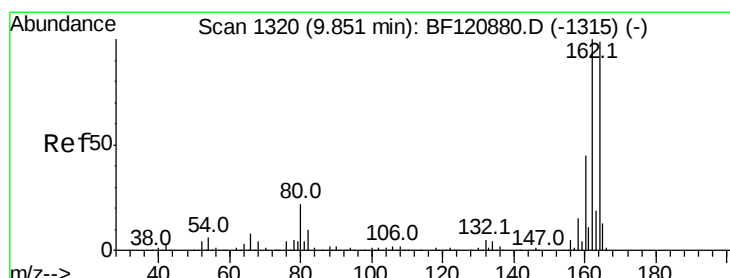
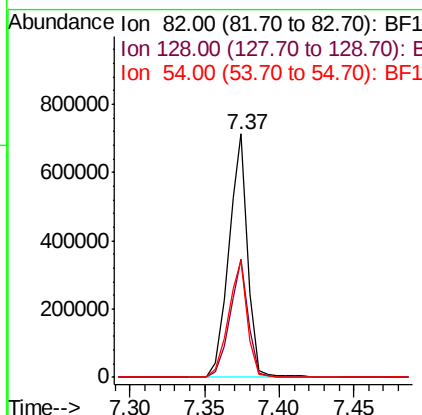
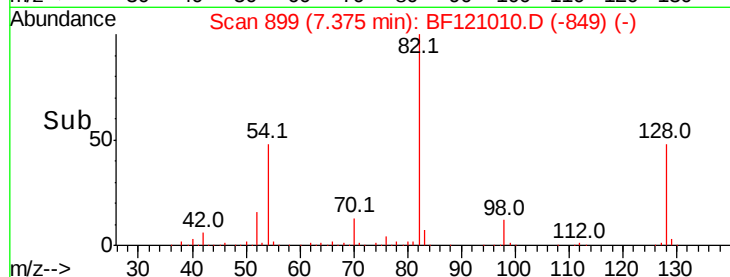
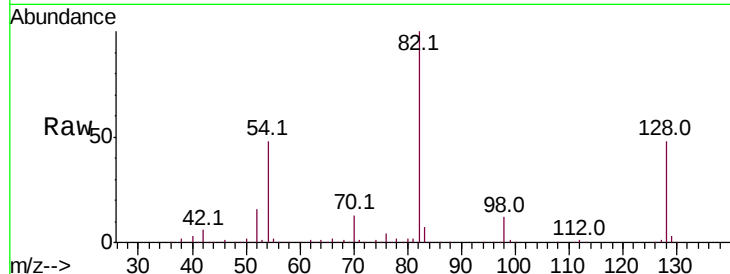
#23
Nitrobenzene-d5
Concen: 61.042 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121010.D
Acq: 24 Jul 2020 18:49

Instrument :
BNA_F
ClientSampleId :
SP-1ARX

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.3	38.2	57.4
54	48.1	38.7	58.1

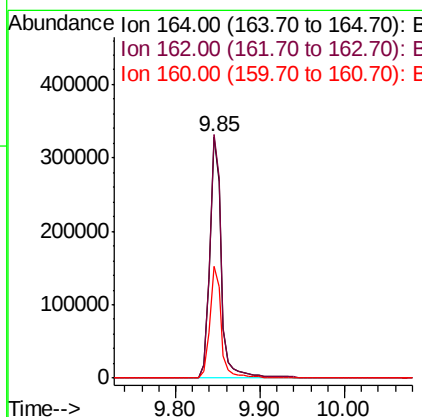
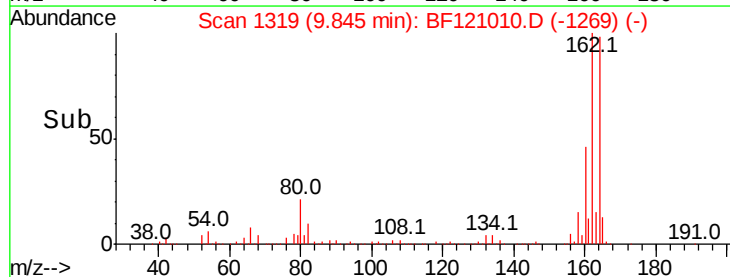
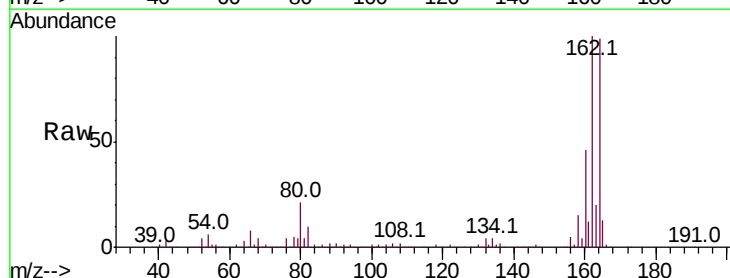
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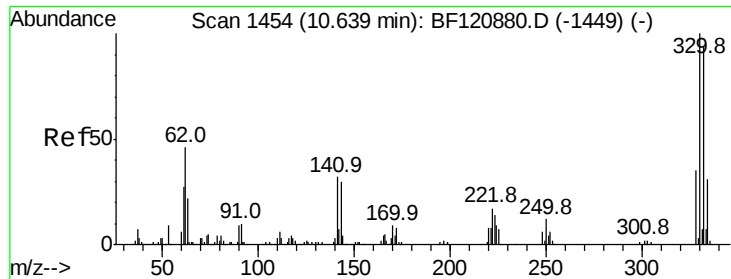
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121010.D
Acq: 24 Jul 2020 18:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.2	121.8
160	46.2	36.9	55.3





#42

2,4,6-Tribromophenol

Concen: 20.330 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF121010.D

Acq: 24 Jul 2020 18:49

Instrument :

BNA_F

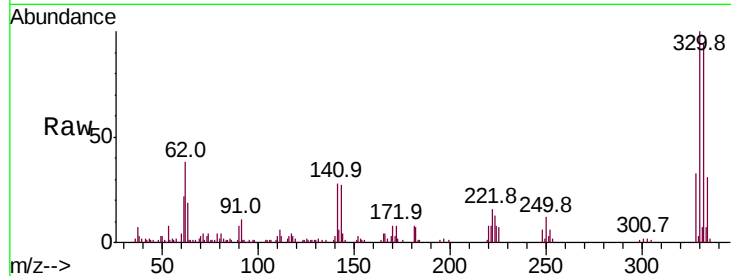
ClientSampleId :

SP-1ARX

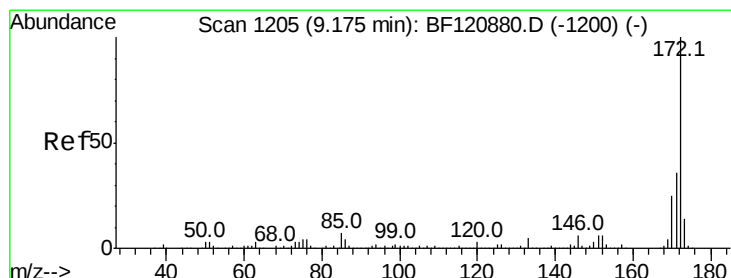
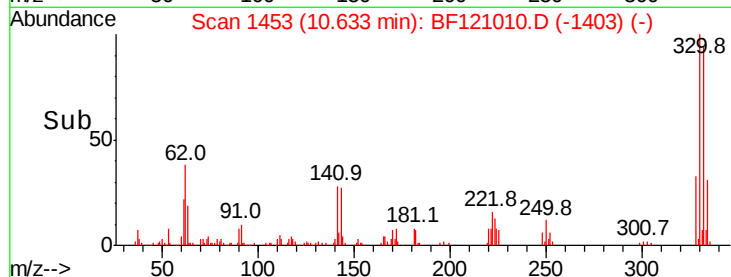
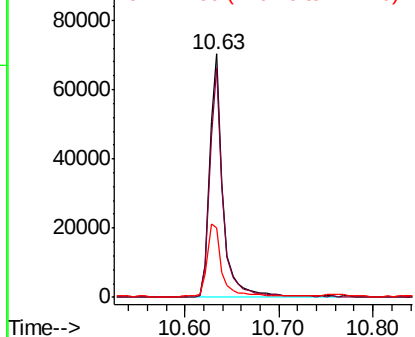
Tot Ion:	330	Resp:	70986
Ion Ratio	Lower	Upper	
330	100		
332	94.0	75.5	113.3
141	35.0	25.7	38.5

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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: 57.055 ng

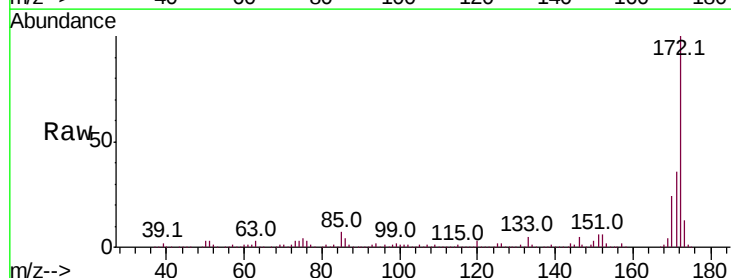
RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

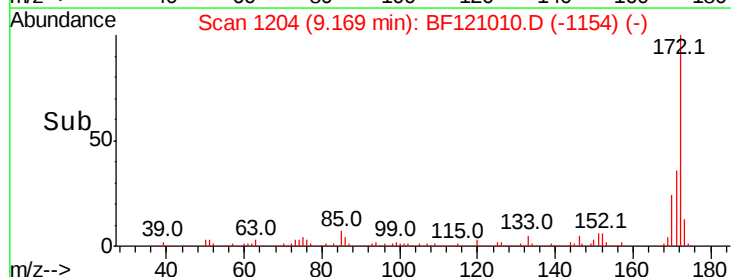
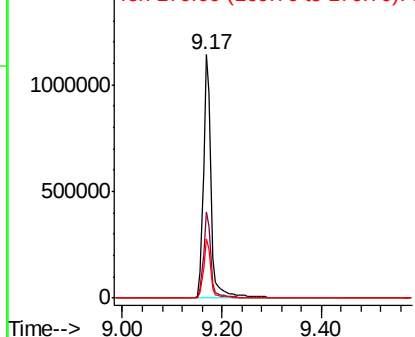
Lab File: BF121010.D

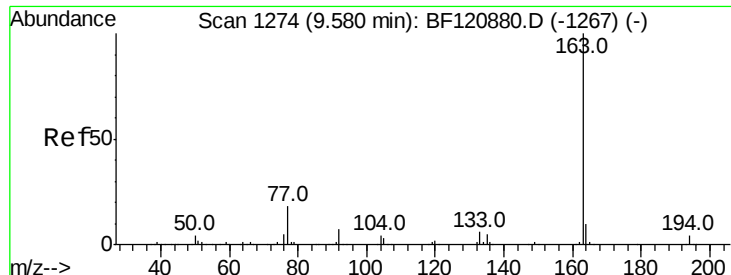
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Tgt Ion:	172	Resp:	1219018
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.0	43.4
170	24.1	19.6	29.4



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





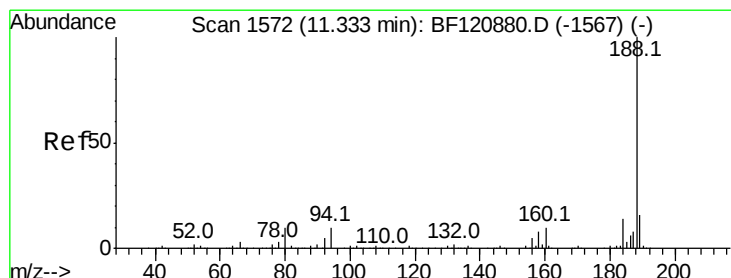
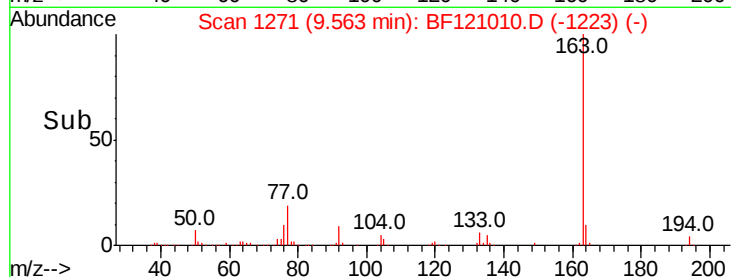
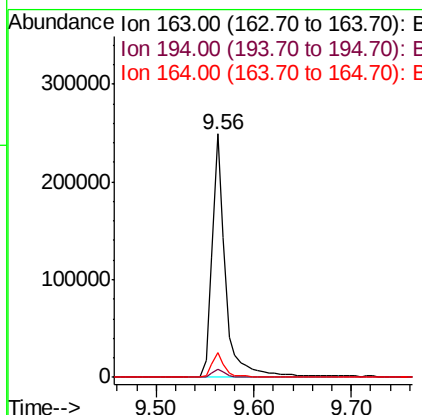
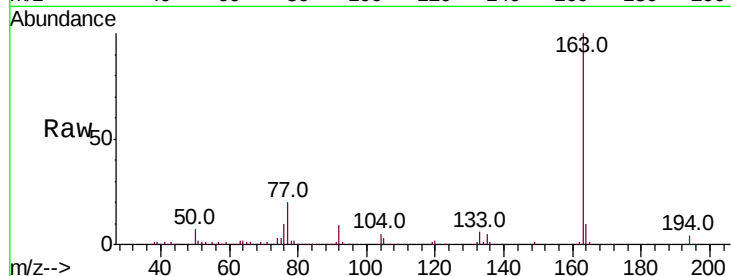
#50
Dimethylphthalate
Concen: 10.357 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121010.D
Acq: 24 Jul 2020 18:49

Instrument :
BNA_F
ClientSampleId :
SP-1ARX

Tot Ion	Ratio	Resp	Lower	Upper
163	100	238356		
194	3.6		3.2	4.8
164	10.3		7.9	11.9

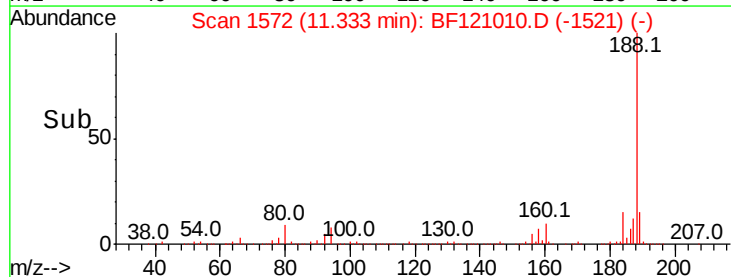
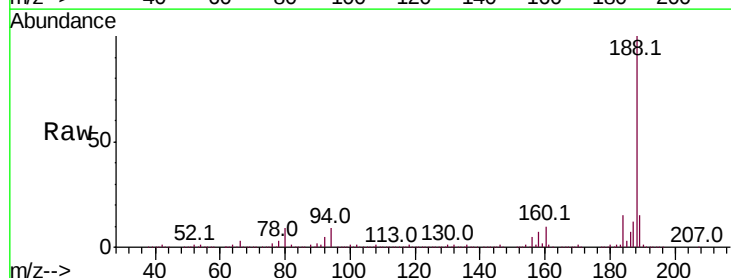
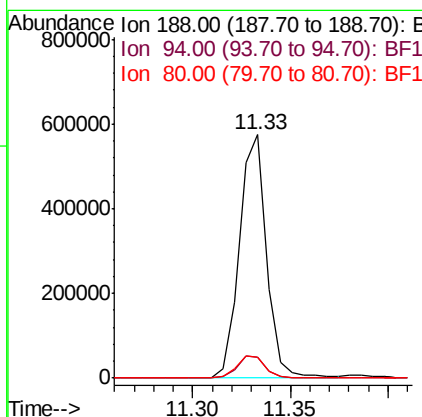
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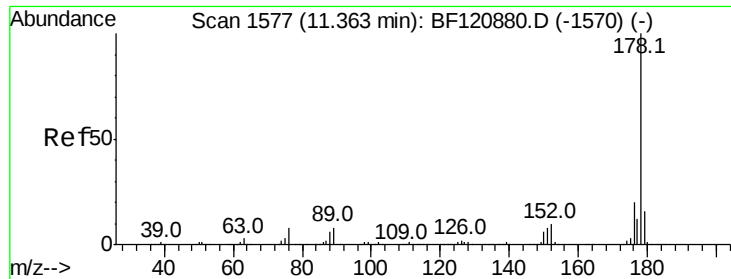
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121010.D
Acq: 24 Jul 2020 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	553985		
94	8.5		8.0	12.0
80	8.7		8.3	12.5





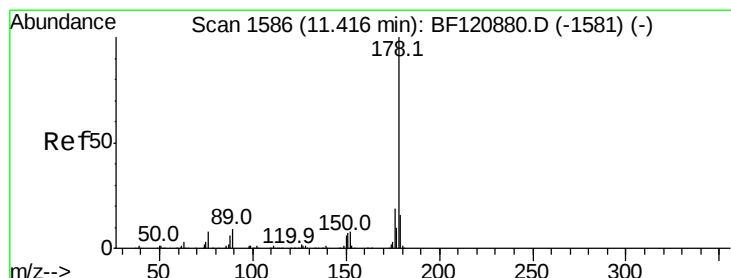
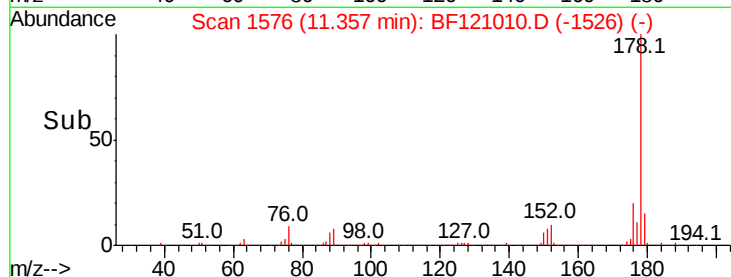
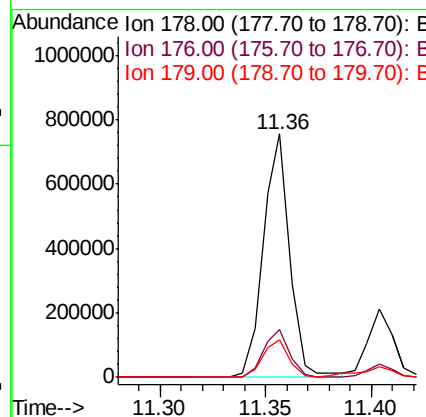
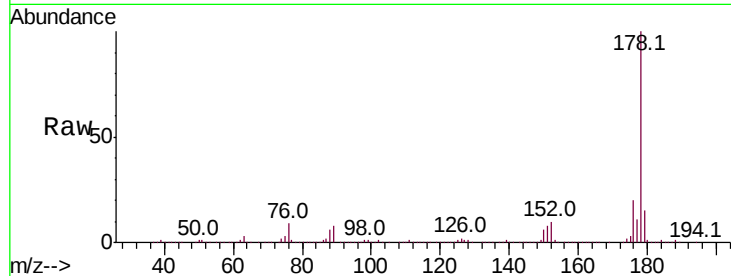
#71
Phenanthrene
Concen: 23.079 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF121010.D
Acq: 24 Jul 2020 18:49

Instrument :
BNA_F
ClientSampled :
SP-1ARX

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.4	12.8	19.2

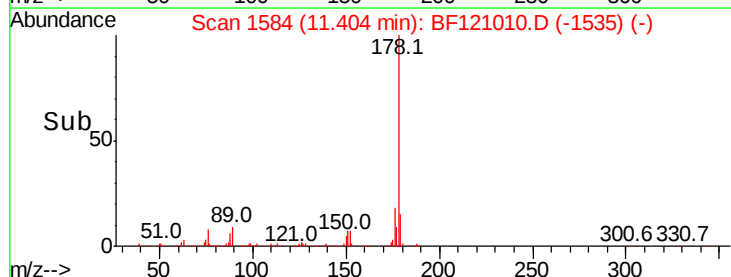
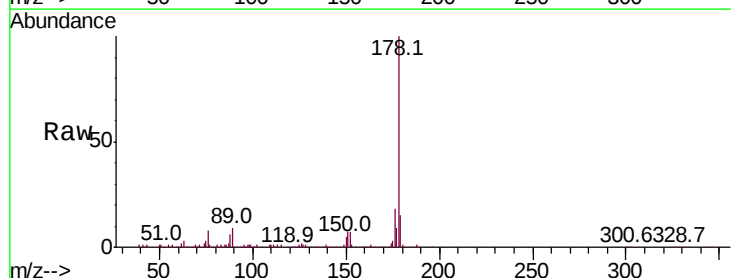
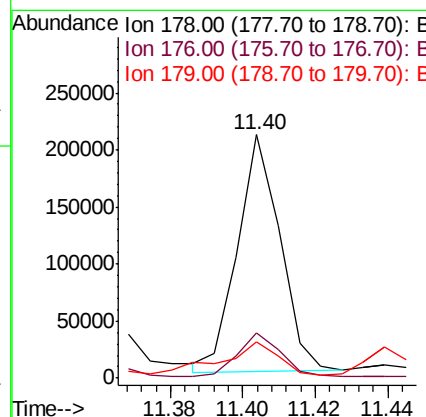
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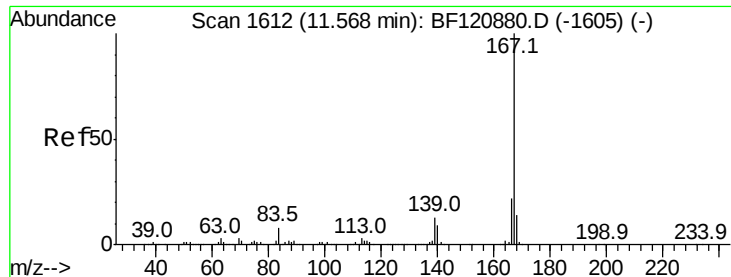
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#72
Anthracene
Concen: 5.922 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF121010.D
Acq: 24 Jul 2020 18:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	15.1	12.8	19.2





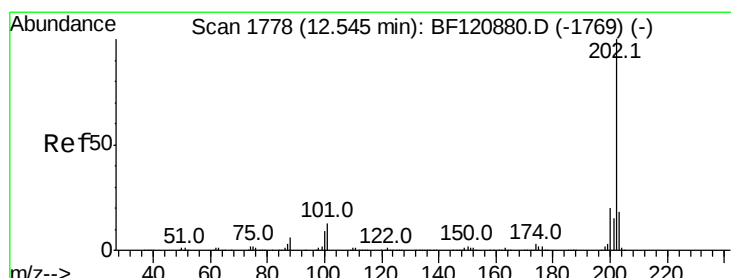
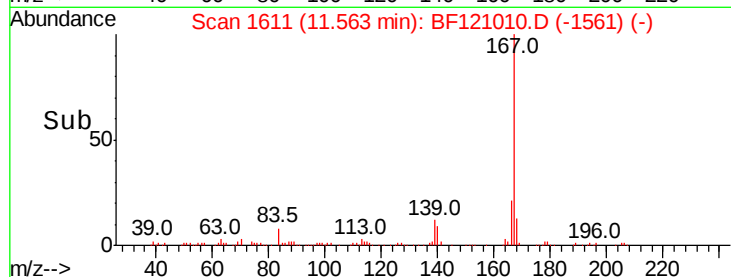
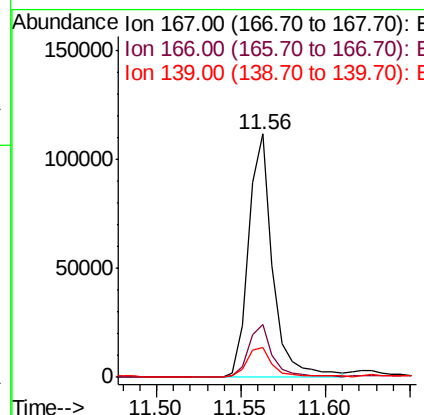
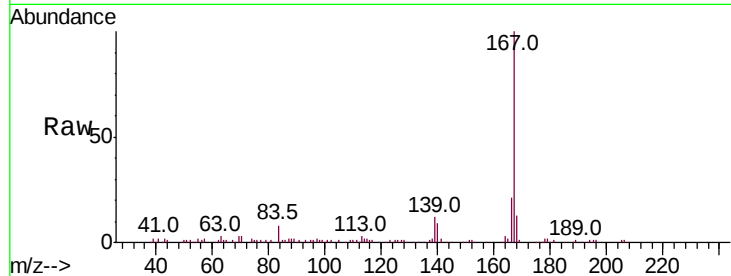
#73
 Carbazole
 Concen: 3.943 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF121010.D
 Acq: 24 Jul 2020 18:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-1ARX

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.7	26.5
139	12.1	10.1	15.1

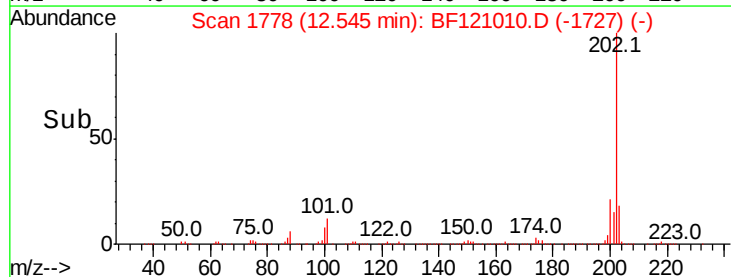
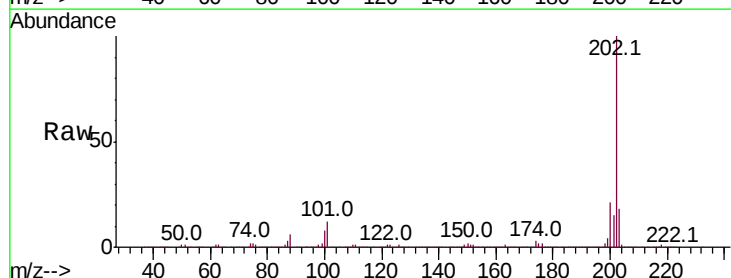
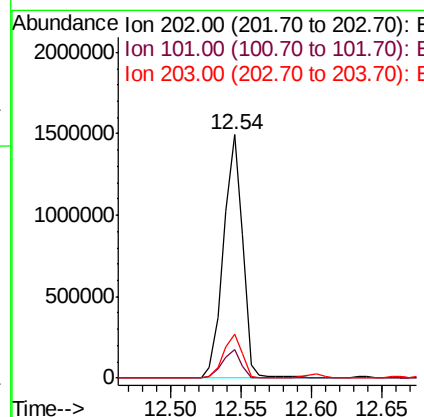
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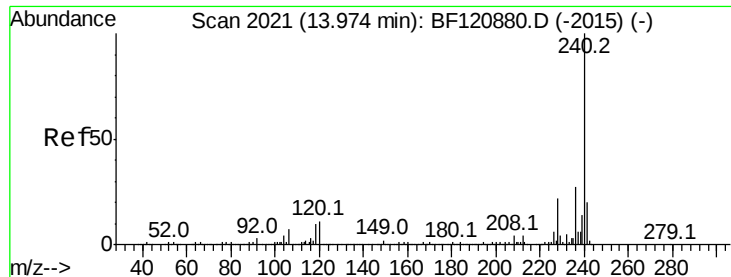
mohammad
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#75
 Fluoranthene
 Concen: 44.517 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF121010.D
 Acq: 24 Jul 2020 18:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.7
203	18.1	0.0	38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF121010.D

Acq: 24 Jul 2020 18:49

Instrument :

BNA_F

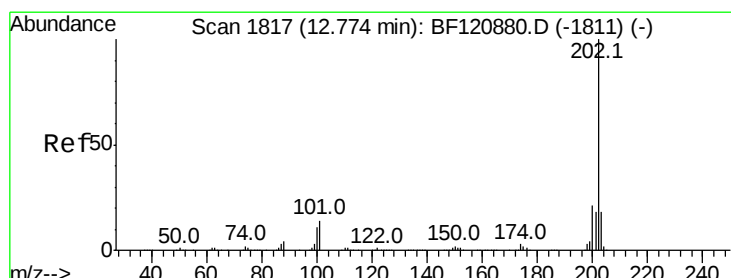
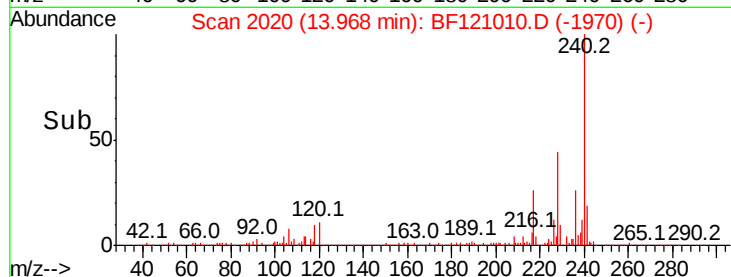
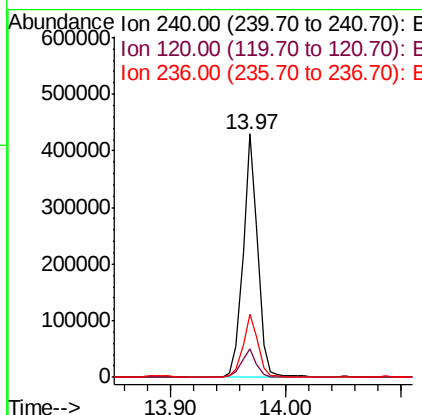
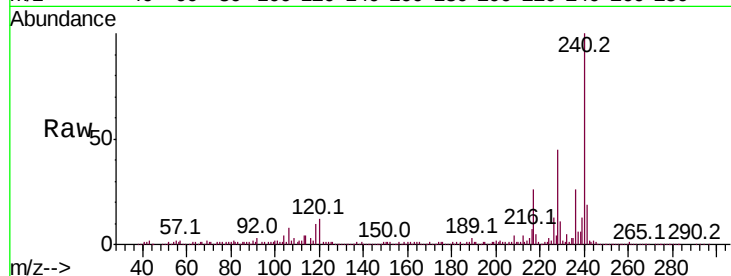
ClientSampleID :

SP-1ARX

Tot Ion:	240	Resp:	376853
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.0	13.4
236	25.9	21.7	32.5

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#78

Pyrene

Concen: 46.820 ng

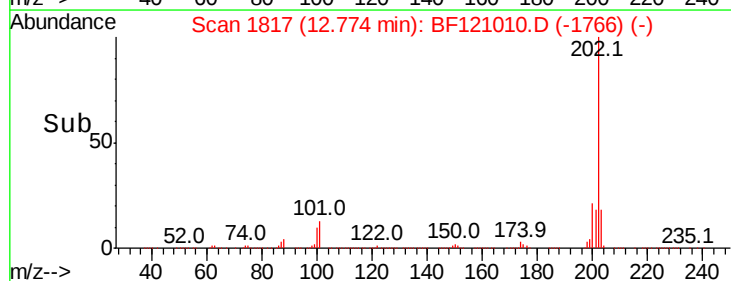
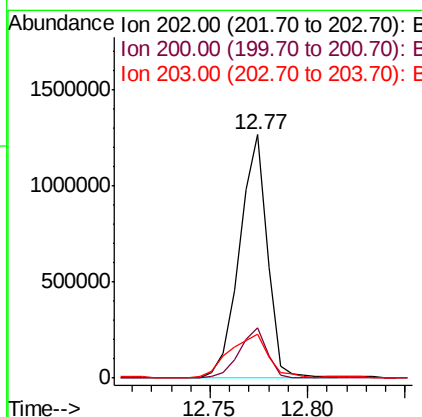
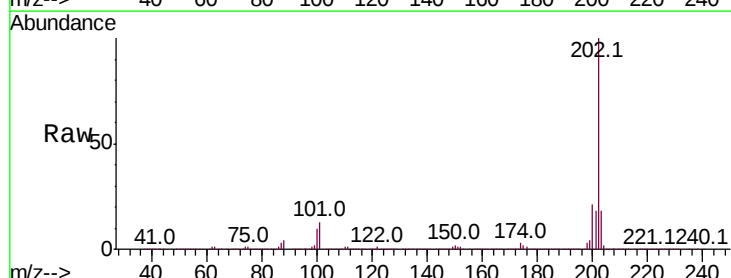
RT: 12.77 min Scan# 1817

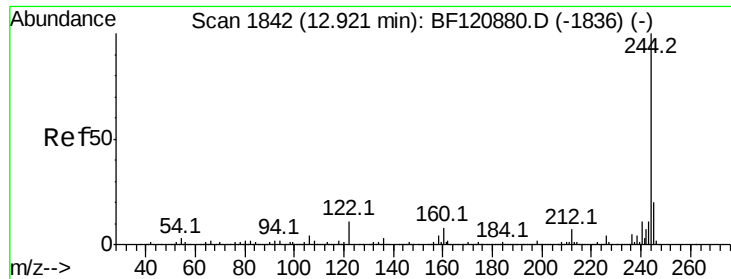
Delta R.T. 0.00 min

Lab File: BF121010.D

Acq: 24 Jul 2020 18:49

Tgt Ion:	202	Resp:	1247464
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.0	25.4
203	18.2	14.4	21.6





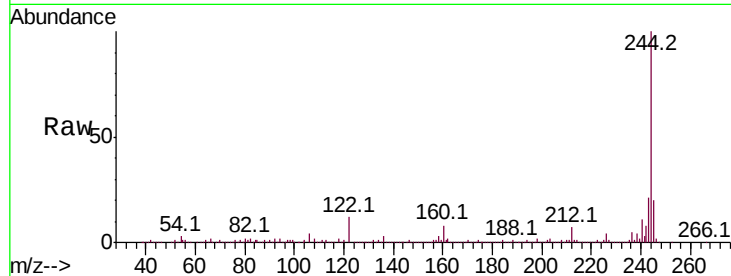
#79
 Terphenyl-d14
 Concen: 58.586 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF121010.D
 Acq: 24 Jul 2020 18:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-1ARX

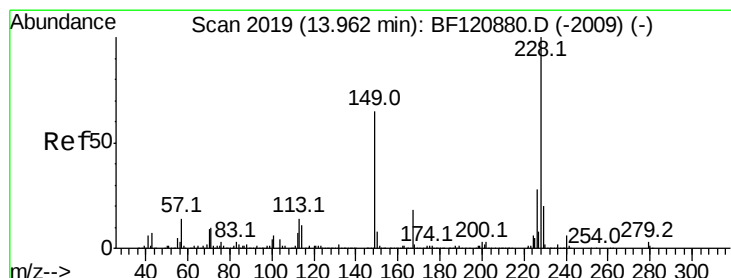
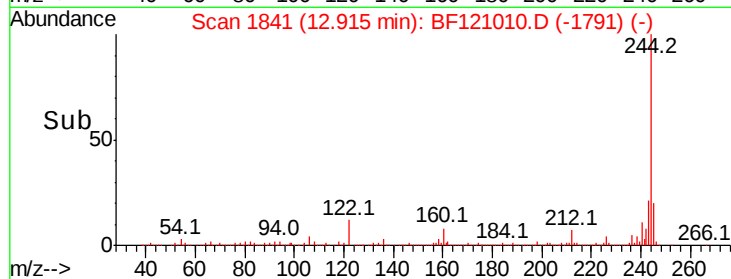
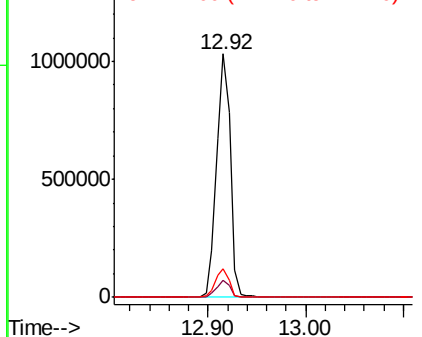
Tot Ion:244 Resp: 1015660
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.7 8.9 13.3

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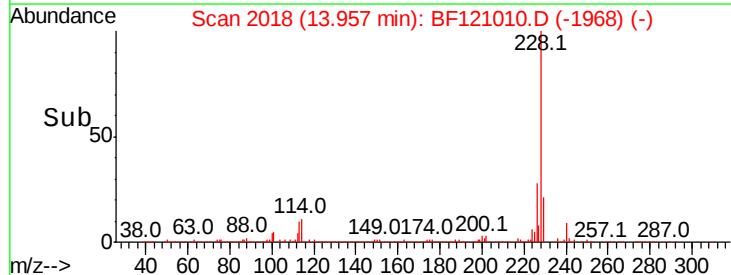
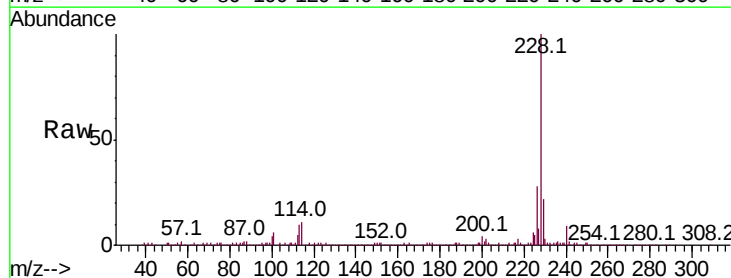
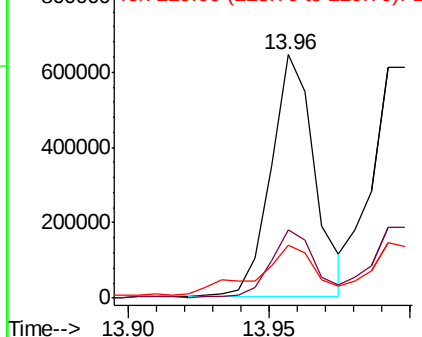
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

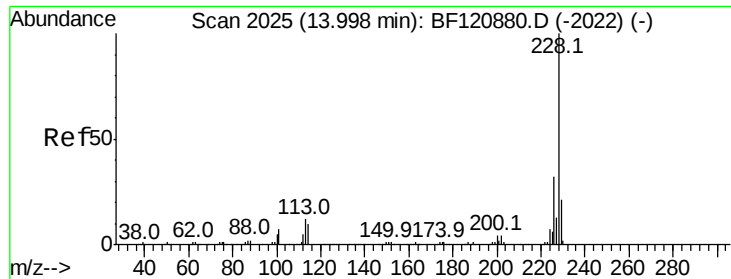


#81
 Benzo(a)anthracene
 Concen: 30.286 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF121010.D
 Acq: 24 Jul 2020 18:49

Tgt Ion:228 Resp: 691145
 Ion Ratio Lower Upper
 228 100
 226 28.3 22.3 33.5
 229 21.9 16.1 24.1

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





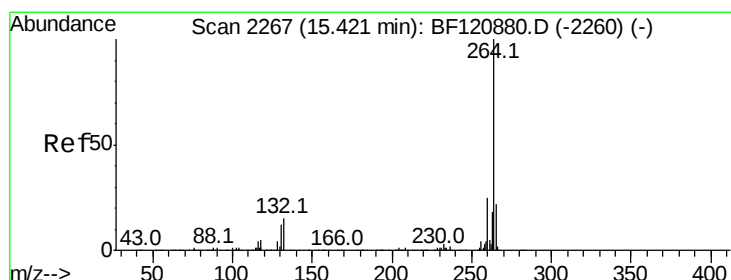
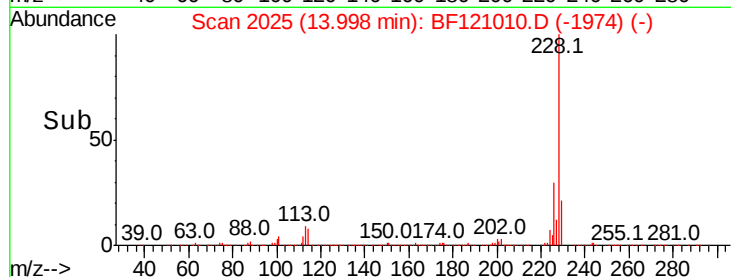
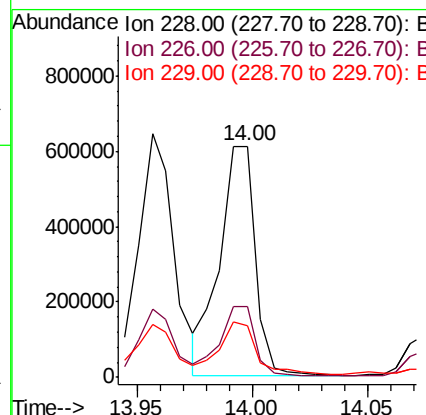
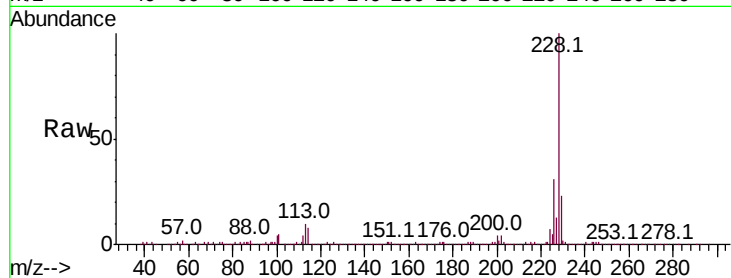
#83
Chrysene
Concen: 27.543 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF121010.D
Acq: 24 Jul 2020 18:49

Instrument :
BNA_F
ClientSampleId :
SP-1ARX

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.6	38.4
229	22.5	16.8	25.2

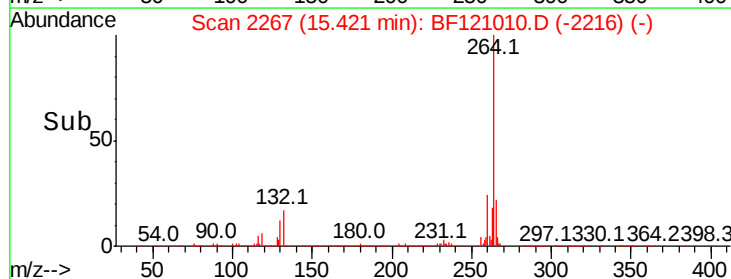
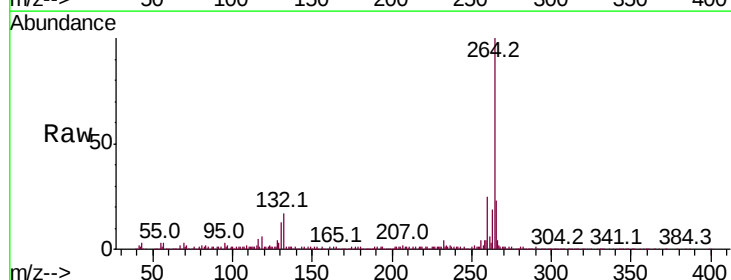
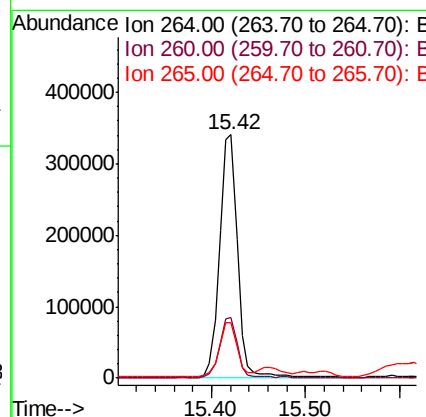
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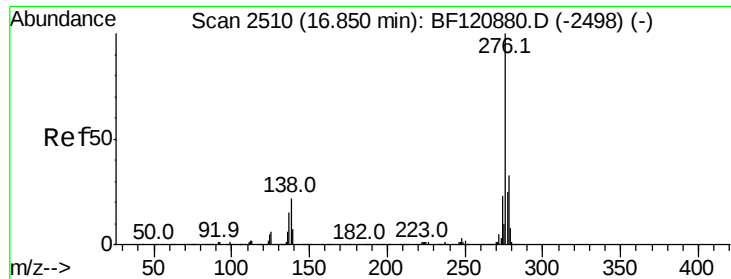
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF121010.D
Acq: 24 Jul 2020 18:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.0	30.0
265	22.5	17.4	26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 11.879 ng m

RT: 16.84 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BF121010.D

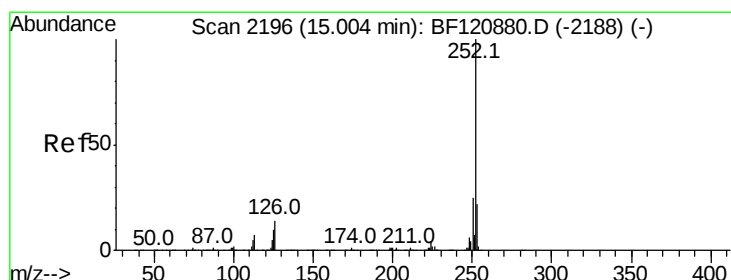
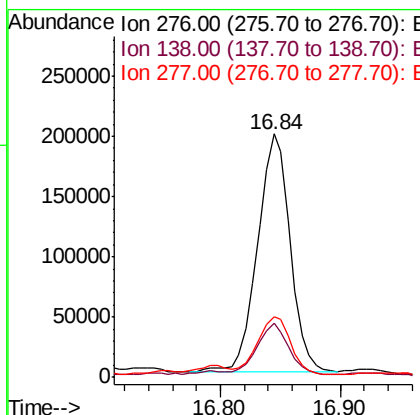
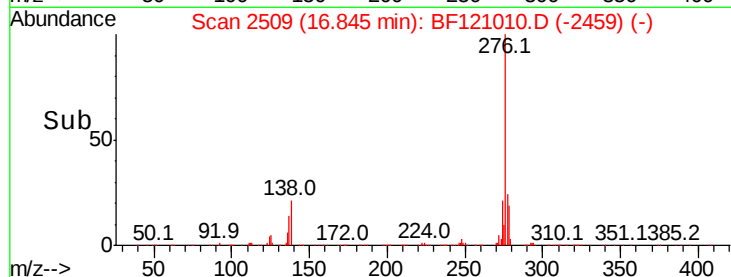
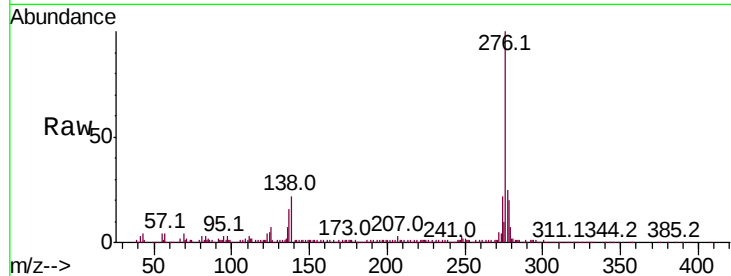
Acq: 24 Jul 2020 18:49

Instrument :
BNA_F
ClientSampleId :
SP-1ARX

Tot Ion	Ratio	Lower	Upper
276	100		
138	4.5	19.8	29.8#
277	4.1	20.2	30.2#

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#88

Benzo(b)fluoranthene

Concen: 29.565 ng m

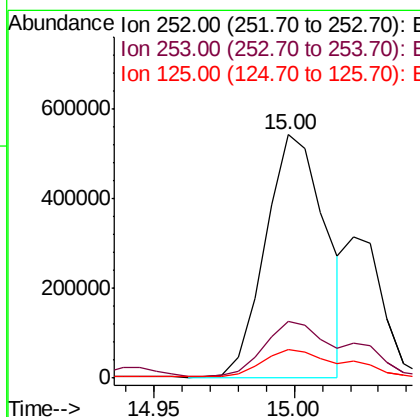
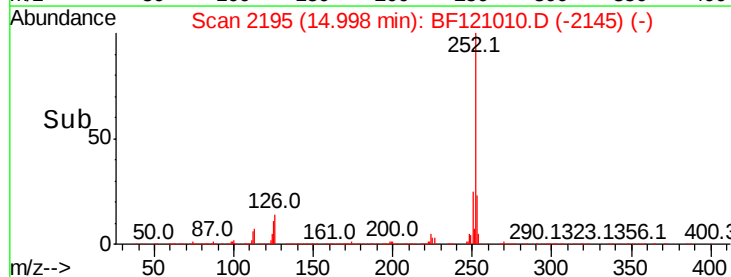
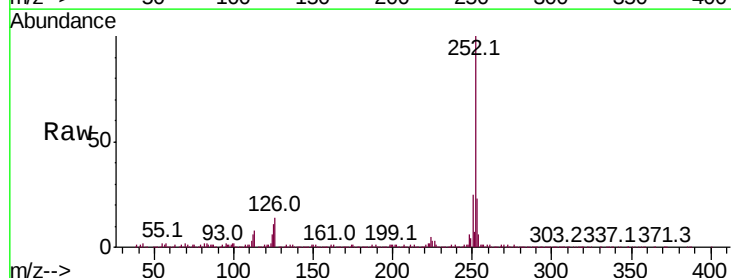
RT: 15.00 min Scan# 2195

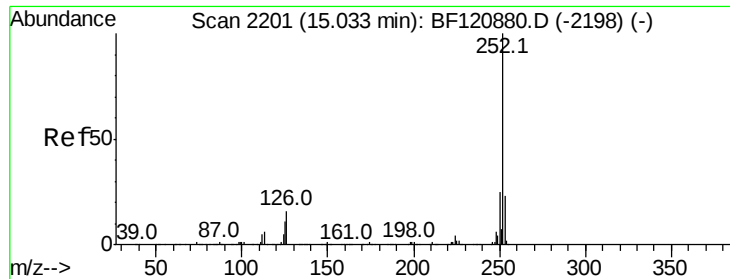
Delta R.T. -0.01 min

Lab File: BF121010.D

Acq: 24 Jul 2020 18:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	11.5	8.3	12.5





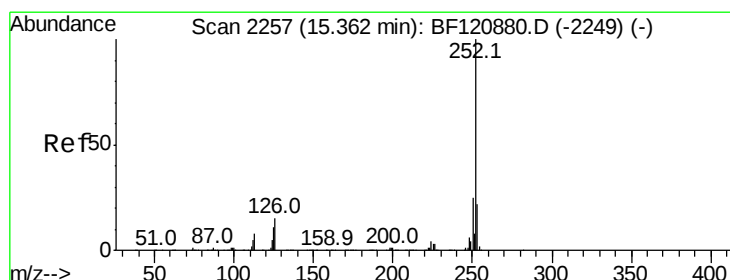
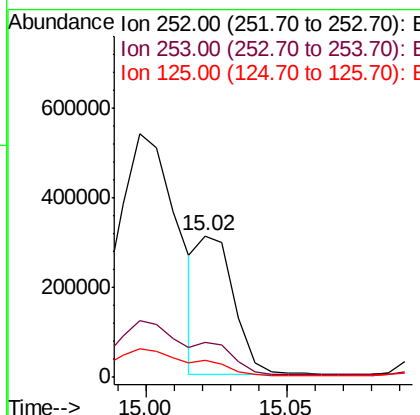
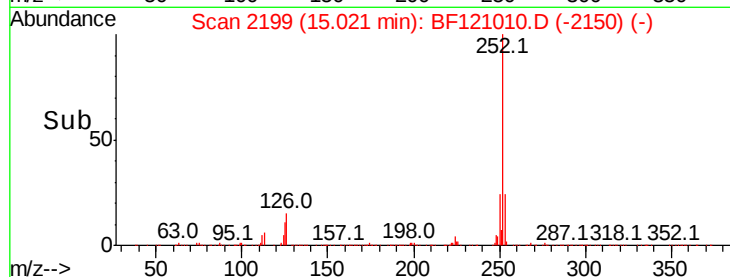
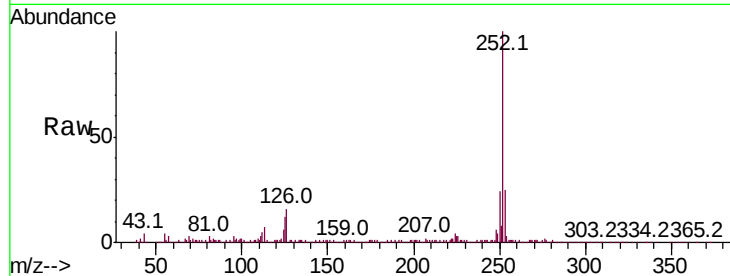
#89
Benzo(k)fluoranthene
Concen: 10.918 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF121010.D
Acq: 24 Jul 2020 18:49

Instrument :
BNA_F
ClientSampleId :
SP-1ARX

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.2
125	11.7	8.4	12.6

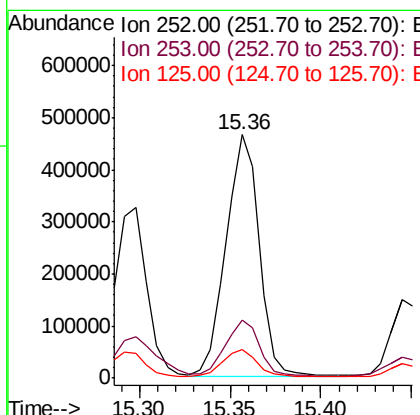
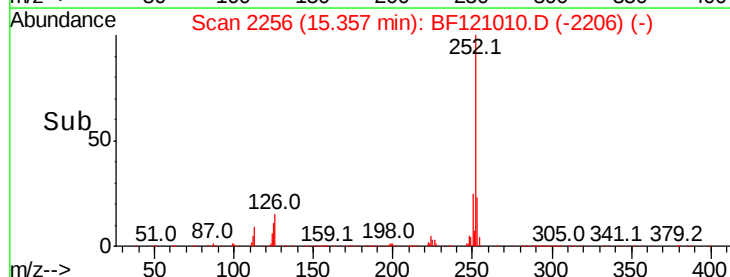
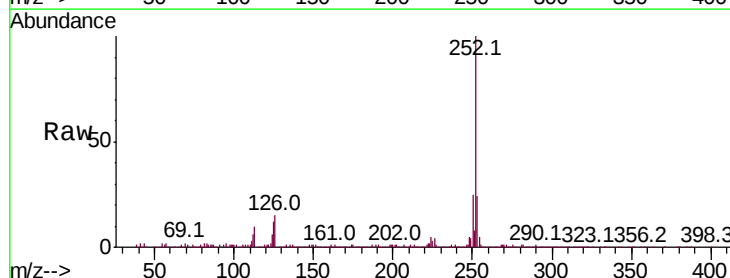
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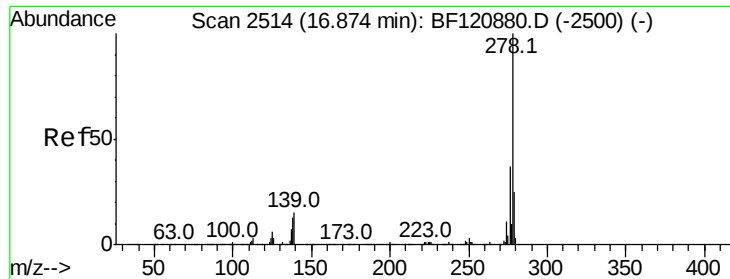
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#90
Benzo(a)pyrene
Concen: 23.657 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF121010.D
Acq: 24 Jul 2020 18:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	12.0	8.9	13.3





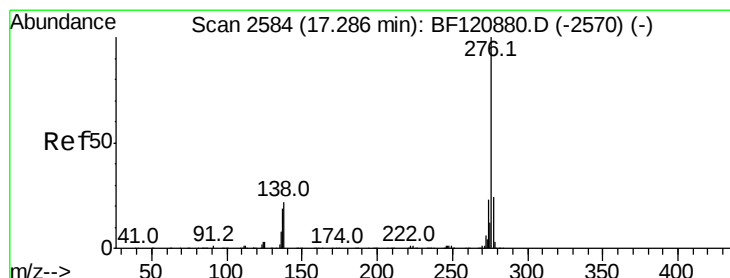
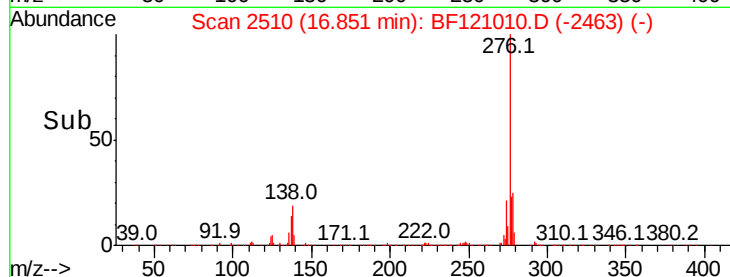
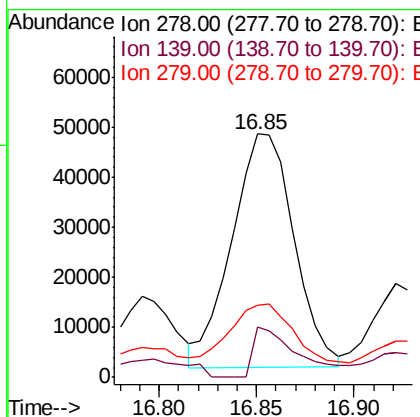
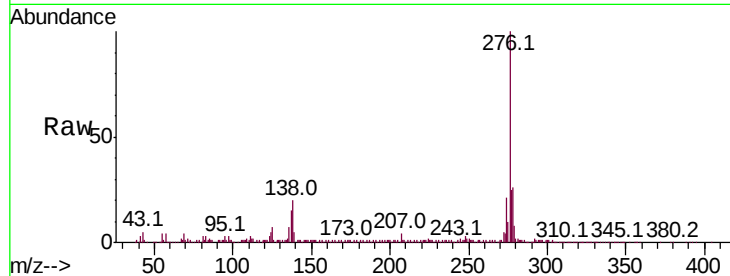
#91
Dibenzo(a,h)anthracene
Concen: 3.989 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.02 min
Lab File: BF121010.D
Acq: 24 Jul 2020 18:49

Instrument :
BNA_F
ClientSampleId :
SP-1ARX

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.9	12.3	18.5#
279	29.5	20.1	30.1

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#92
Benzo(g,h,i)perylene
Concen: 14.132 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF121010.D
Acq: 24 Jul 2020 18:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	22.0	17.5	26.3

