

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052721\
 Data File : BN014790.D
 Acq On : 27 May 2021 13:52
 Operator : CG/JU
 Sample : M2472-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-888-890

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Quant Time: May 27 14:20:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN052621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 01:39:07 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	750	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	2723	0.40	ng	-0.01
13) Acenaphthene-d10	14.359	164	2049	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	4099	0.40	ng	# 0.00
29) Chrysene-d12	21.314	240	4998	0.40	ng	# 0.00
35) Perylene-d12	23.575	264	5517	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.316	112	328	0.16	ng	0.00
5) Phenol-d6	6.895	99	483	0.18	ng	0.00
8) Nitrobenzene-d5	8.870	82	632	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.093	152	1135	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	230	0.19	ng	-0.01
15) 2-Fluorobiphenyl	12.976	172	1652	0.22	ng	-0.01
27) Fluoranthene-d10	19.148	212	2908	0.18	ng	0.00
31) Terphenyl-d14	19.754	244	2995	0.25	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.543	128	613	0.08	ng	# 74
12) 2-Methylnaphthalene	12.168	142	259	0.05	ng	# 88
25) Phenanthrene	17.153	178	688	0.06	ng	# 1
28) Fluoranthene	19.178	202	416	0.02	ng	# 80
30) Pyrene	19.546	202	551	0.04	ng	# 78
32) Benzo(a)anthracene	21.292	228	387	0.03	ng	# 21
33) Chrysene	21.345	228	336m	0.02	ng	
34) Bis(2-ethylhexyl)phtha...	21.229	149	5577	1.29	ng	93
36) Indeno(1,2,3-cd)pyrene	25.858	276	523	0.02	ng	# 87
37) Benzo(b)fluoranthene	22.897	252	1011	0.05	ng	# 1
39) Benzo(a)pyrene	23.472	252	820	0.05	ng	# 1
41) Benzo(g,h,i)perylene	26.549	276	496	0.02	ng	# 6

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

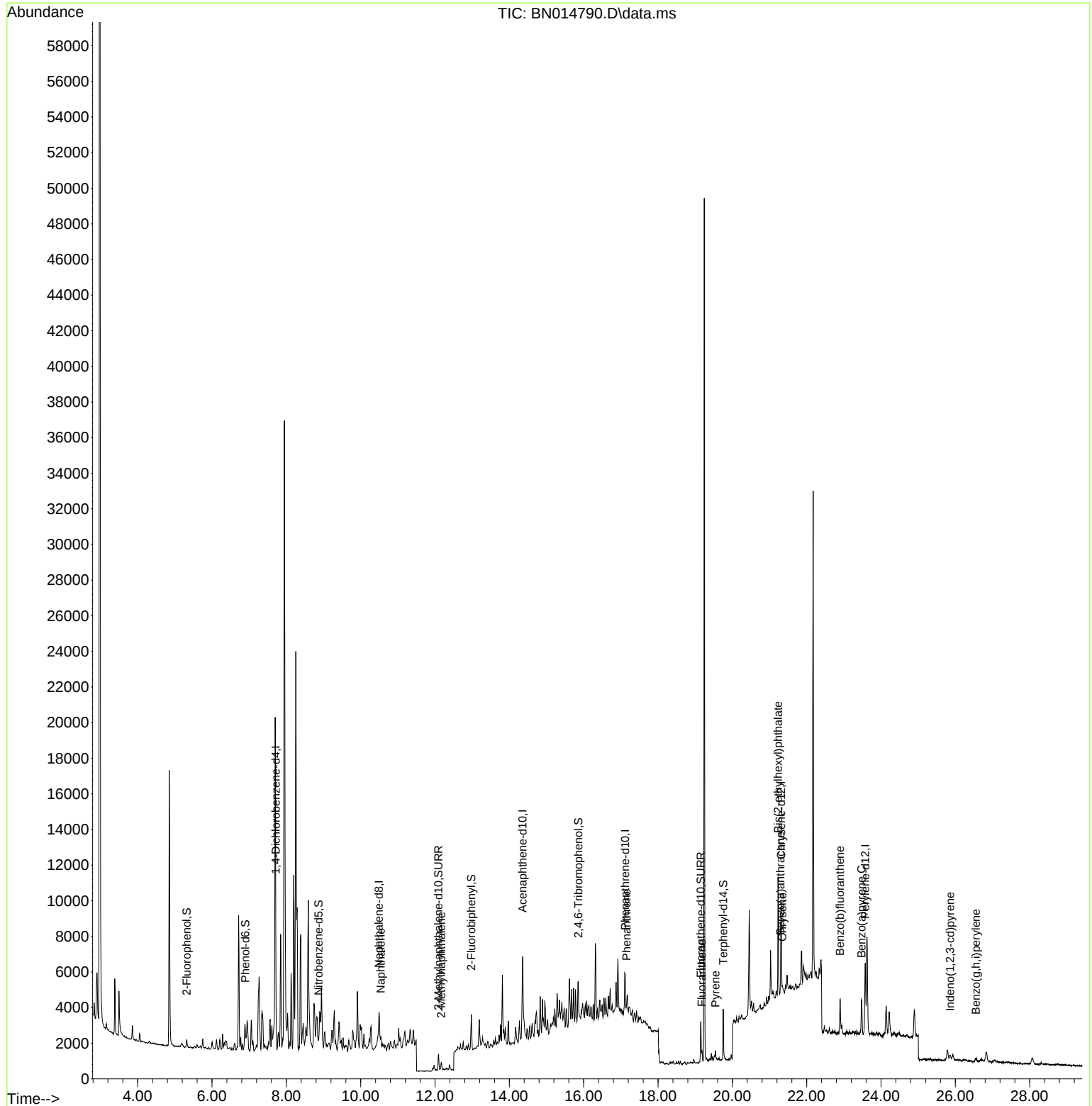
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052721\
Data File : BN014790.D
Acq On : 27 May 2021 13:52
Operator : CG/JU
Sample : M2472-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

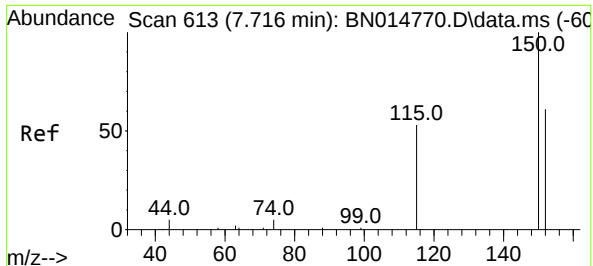
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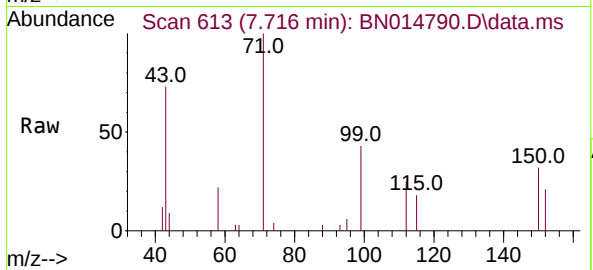
Quant Time: May 27 14:20:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN052621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 01:39:07 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.716 min Scan# 613
Delta R.T. 0.000 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

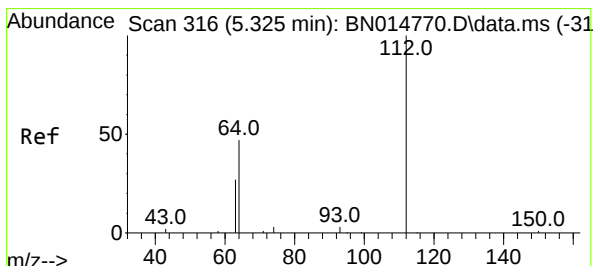
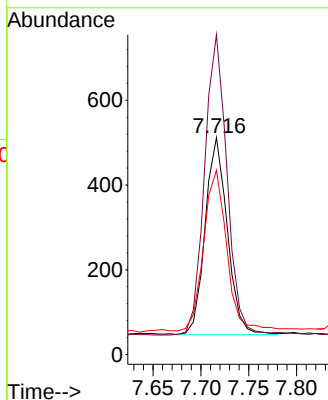
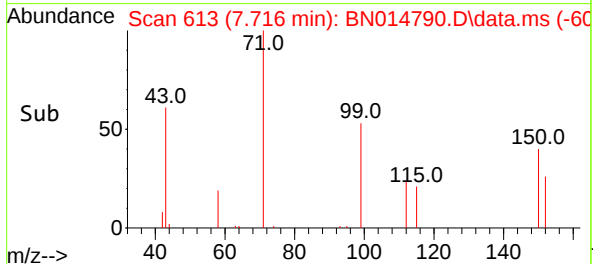
Instrument :
BNA_N
ClientSampleId :
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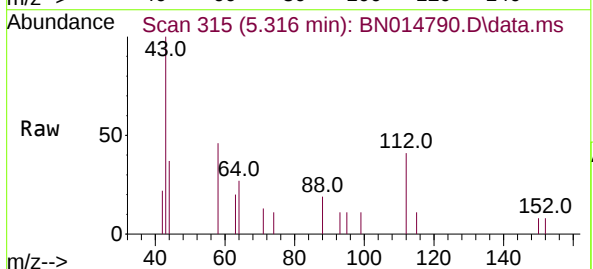
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Ion Ratio Lower Upper
152 100
150 147.5 123.4 185.2
115 85.0 73.2 109.8

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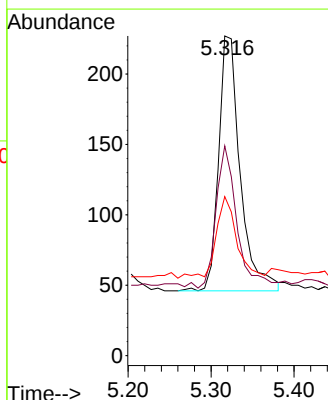
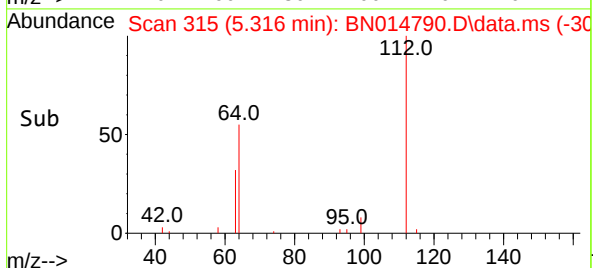
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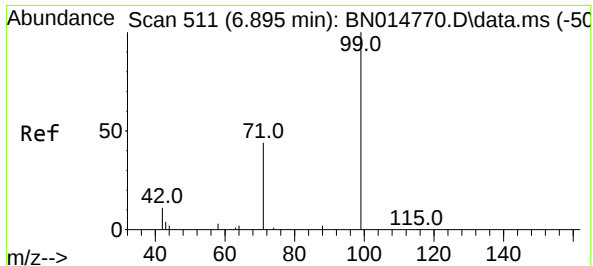


#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.316 min Scan# 315
Delta R.T. -0.008 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

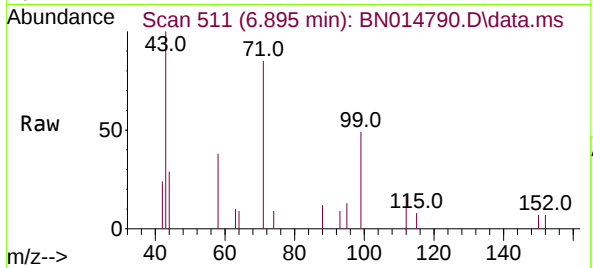


Tgt Ion:112 Resp: 328
Ion Ratio Lower Upper
112 100
64 53.7 43.6 65.4
63 30.8 25.0 37.6



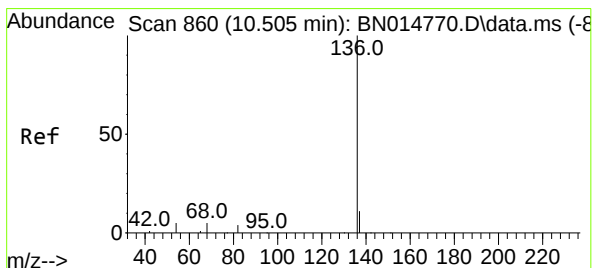
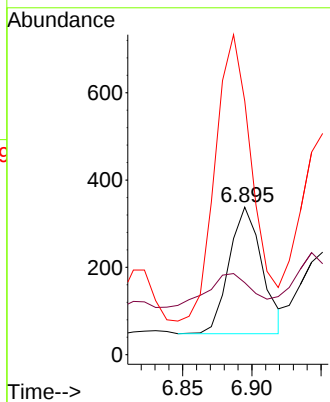
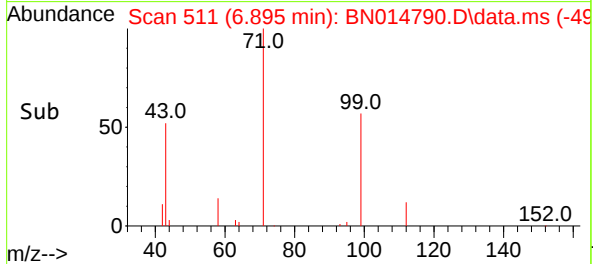


#5
Phenol-d6
Concen: 0.18 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

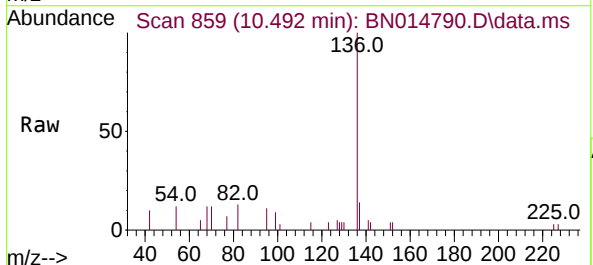


Tgt Ion: 99 Resp: 483

Ion	Ratio	Lower	Upper
99	100		
42	34.4	10.2	15.2#
71	251.3	32.4	48.6#

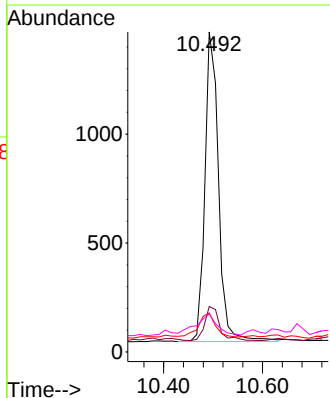
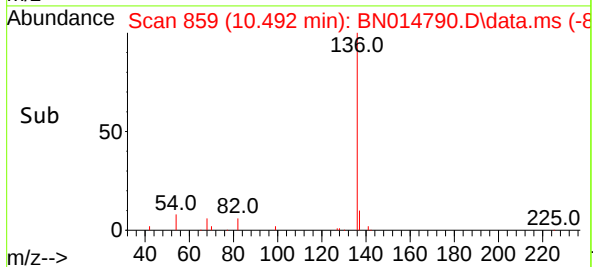


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. -0.013 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52



Tgt Ion: 136 Resp: 2723

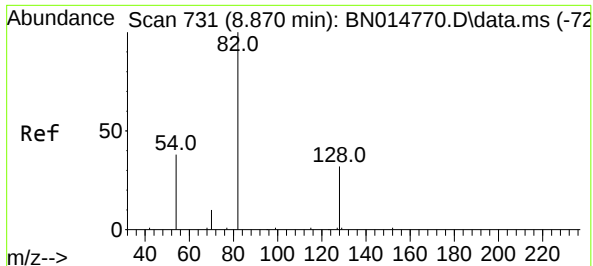
Ion	Ratio	Lower	Upper
136	100		
137	14.2	13.2	19.8
54	12.2	9.0	13.4
68	11.9	8.8	13.2



Instrument :
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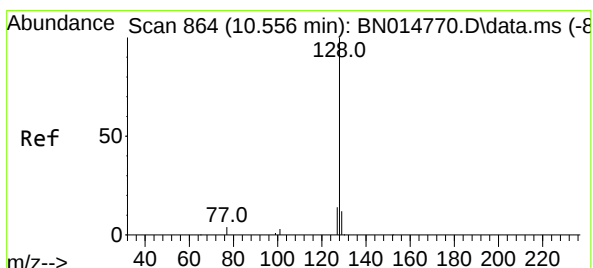
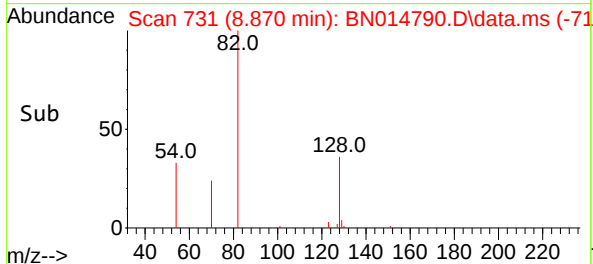
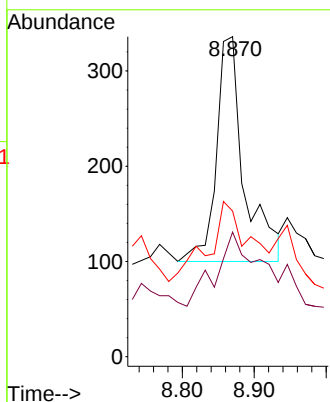
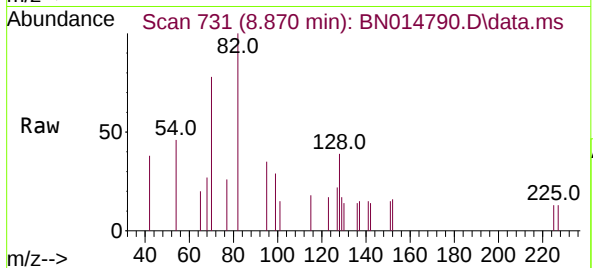
#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 8.870 min Scan# 731
Delta R.T. -0.000 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

Tgt Ion:	82	Resp:	632
Ion Ratio	Lower	Upper	
82	100		
128	39.0	34.2	51.2
54	45.5	38.4	57.6

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

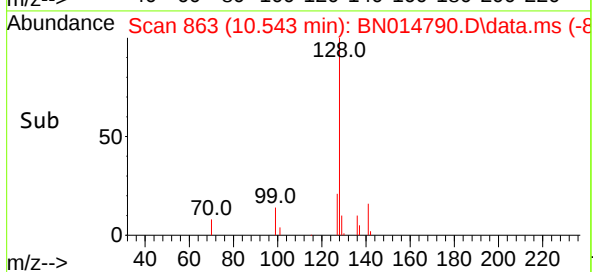
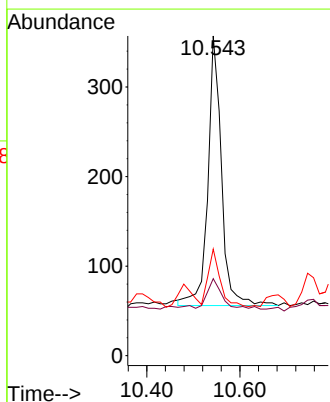
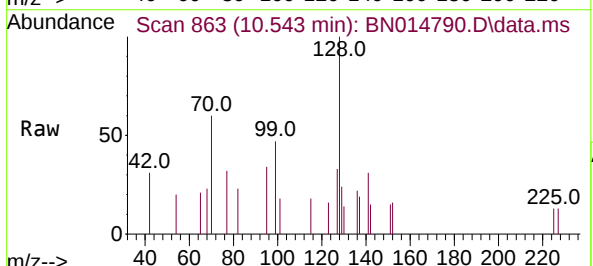
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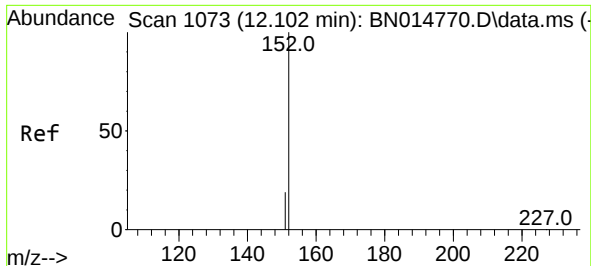
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#9
Naphthalene
Concen: 0.08 ng
RT: 10.543 min Scan# 863
Delta R.T. -0.013 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

Tgt Ion:	128	Resp:	613
Ion Ratio	Lower	Upper	
128	100		
129	24.1	13.0	19.4#
127	33.3	15.0	22.6#





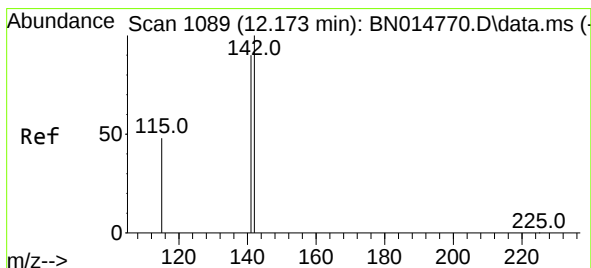
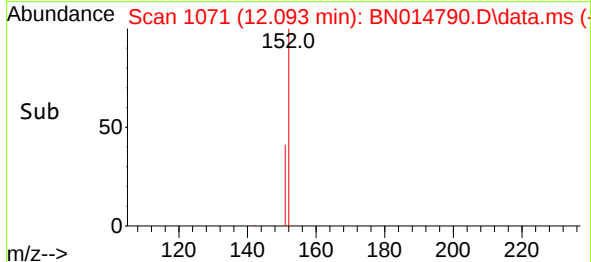
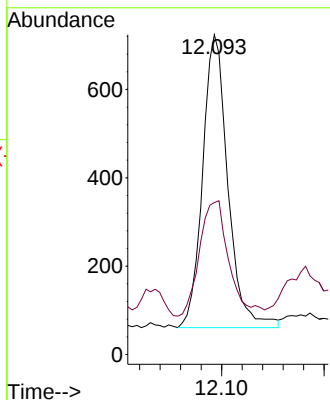
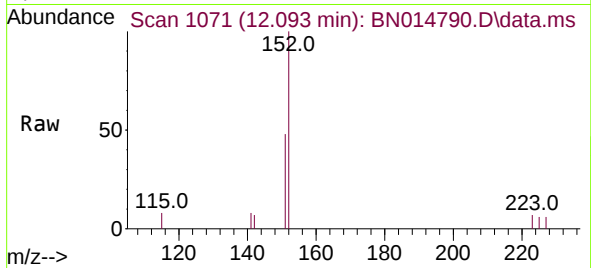
#11
2-Methylnaphthalene-d10
Concen: 0.21 ng
RT: 12.093 min Scan# 1071
Delta R.T. -0.009 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

Tgt Ion:152 Resp: 1135
Ion Ratio Lower Upper
152 100
151 45.8 16.8 25.2#

Instrument :
BNA_N
ClientSampleId :
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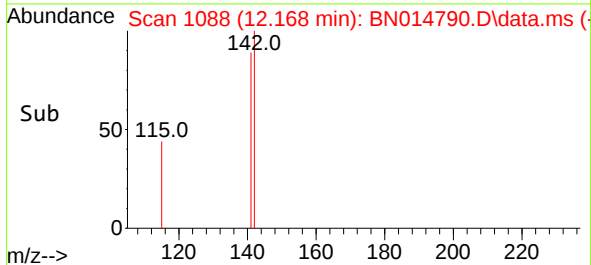
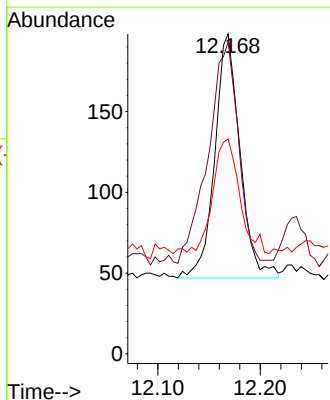
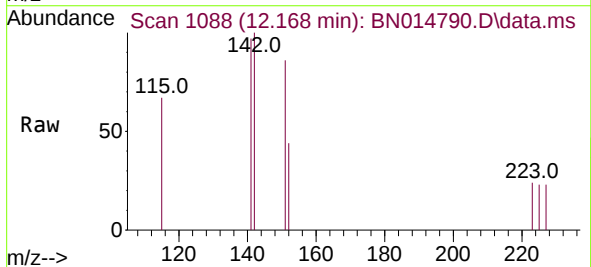
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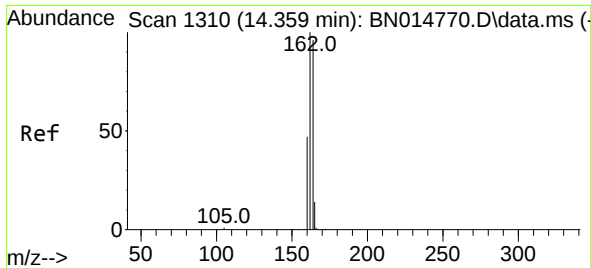
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#12
2-Methylnaphthalene
Concen: 0.05 ng
RT: 12.168 min Scan# 1088
Delta R.T. -0.005 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

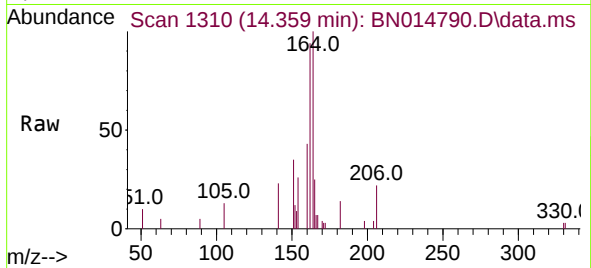
Tgt Ion:142 Resp: 259
Ion Ratio Lower Upper
142 100
141 97.5 72.9 109.3
115 67.2 41.8 62.6#





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.359 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

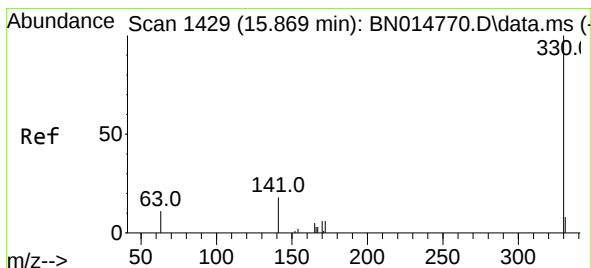
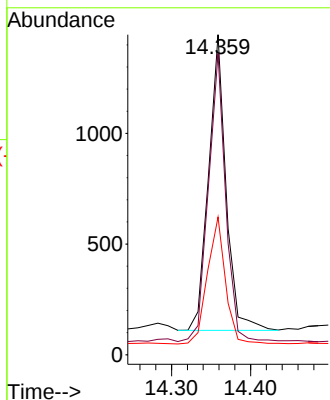
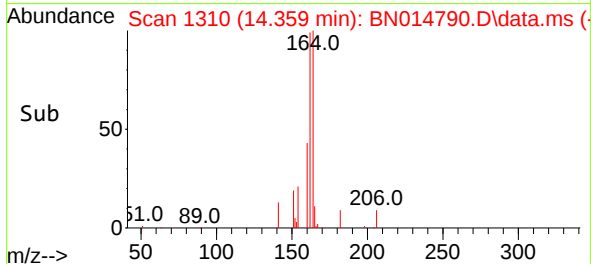
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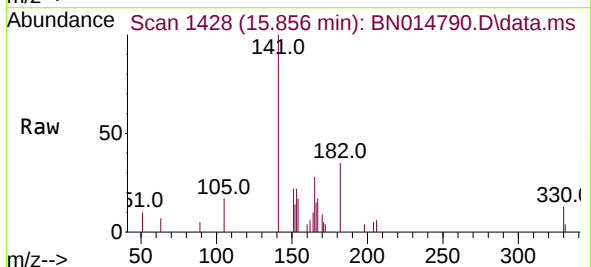
Tgt Ion:164 Resp: 2049
Ion Ratio Lower Upper
164 100
162 94.1 83.2 124.8
160 43.0 41.8 62.6

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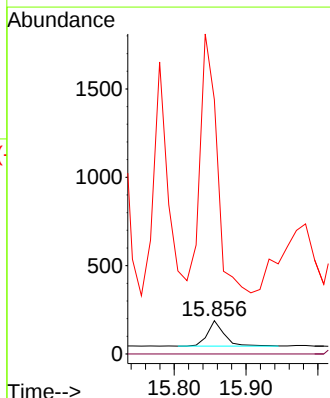
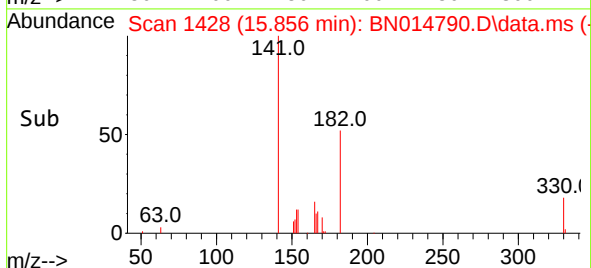
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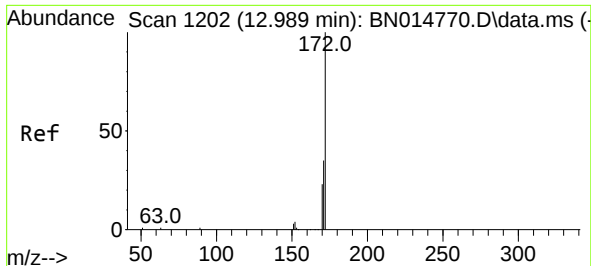


#14
2,4,6-Tribromophenol
Concen: 0.19 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52



Tgt Ion:330 Resp: 230
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 1017.8 21.8 32.6#





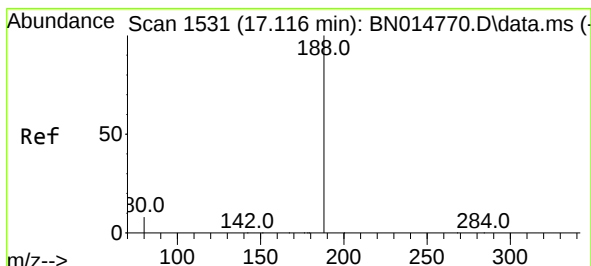
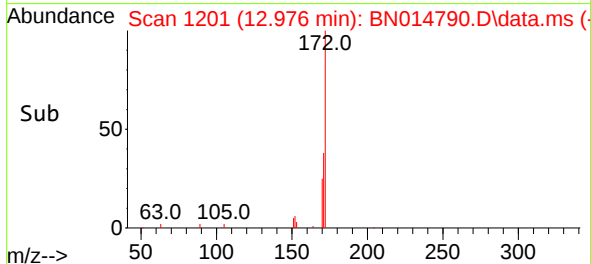
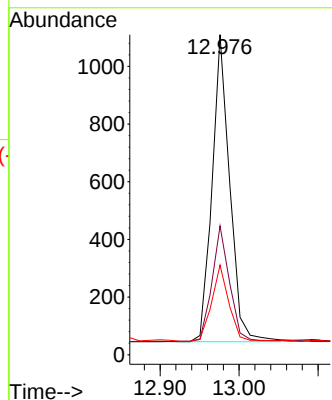
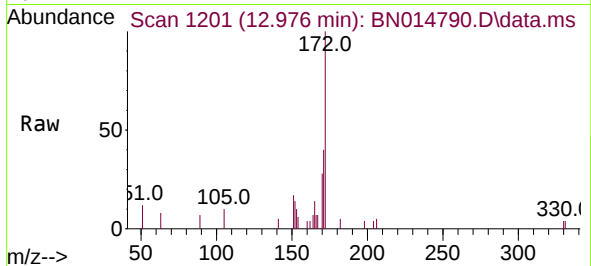
#15
2-Fluorobiphenyl
Concen: 0.22 ng
RT: 12.976 min Scan# 1201
Delta R.T. -0.013 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

Tgt Ion:	172	Resp:	1652
Ion Ratio	Lower	Upper	
172	100		
171	40.3	30.9	46.3
170	28.0	21.4	32.0

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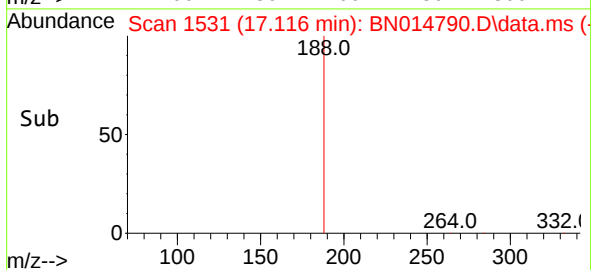
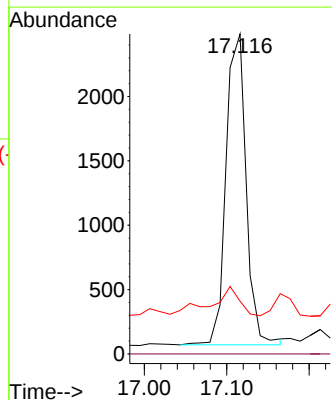
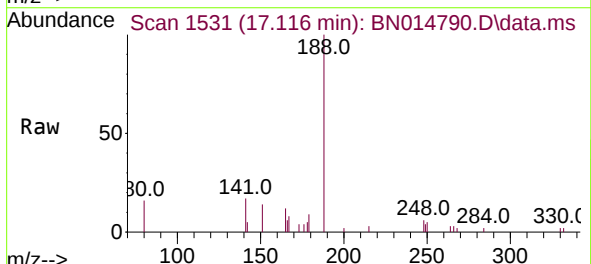
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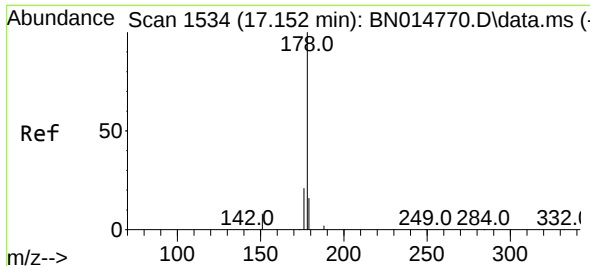
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#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

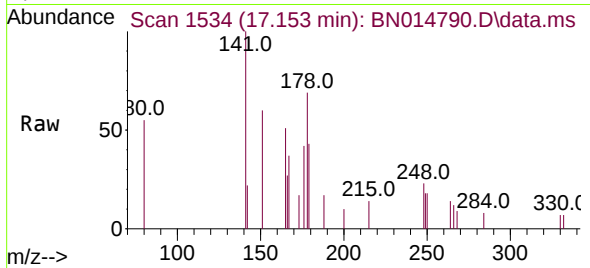
Tgt Ion:	188	Resp:	4099
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	16.5	8.2	12.4





#25
Phenanthrene
Concen: 0.06 ng
RT: 17.153 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

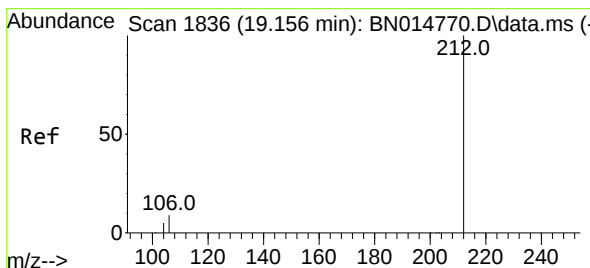
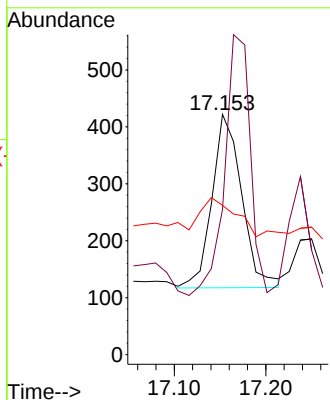
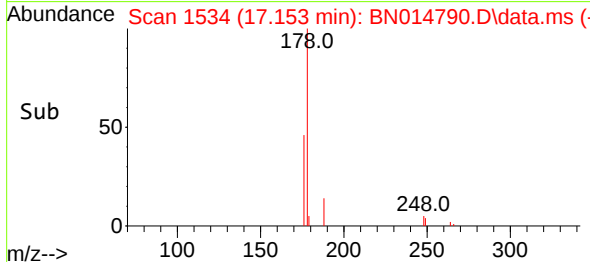
Instrument :
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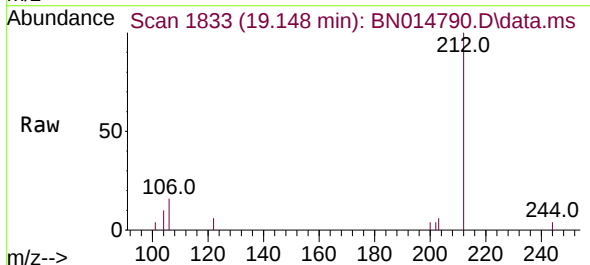
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Ion Ratio Lower Upper
178 100
176 128.2 16.0 24.0#
179 0.0 12.6 19.0#

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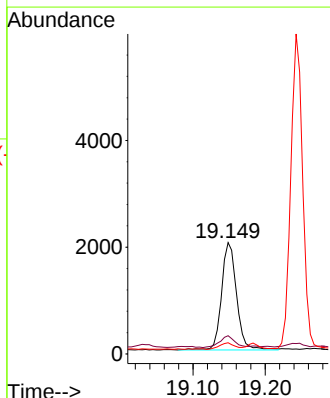
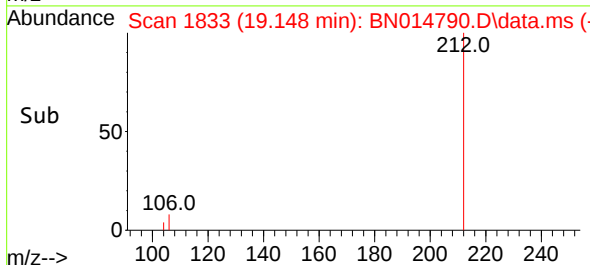
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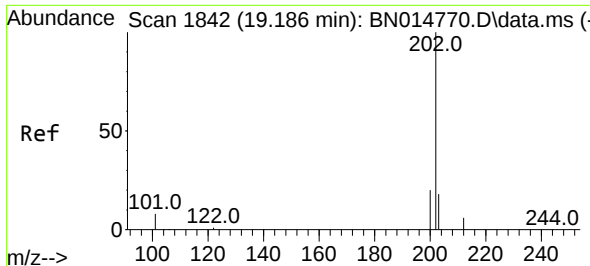


#27
Fluoranthene-d10
Concen: 0.18 ng
RT: 19.148 min Scan# 1833
Delta R.T. -0.007 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52



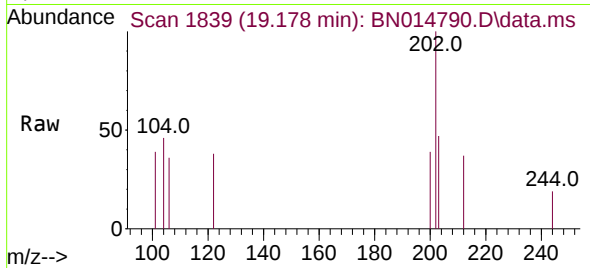
Tgt Ion:212 Resp: 2908
Ion Ratio Lower Upper
212 100
106 11.0 7.4 11.2
104 0.0 4.1 6.1#





#28
Fluoranthene
Concen: 0.02 ng
RT: 19.178 min Scan# 1839
Delta R.T. -0.007 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

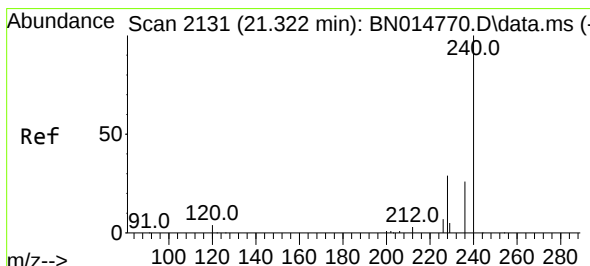
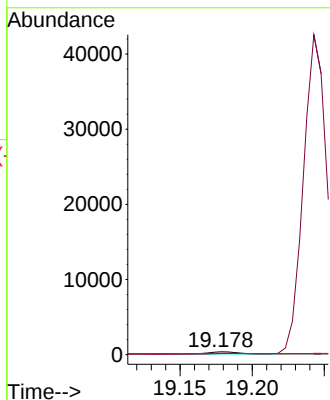
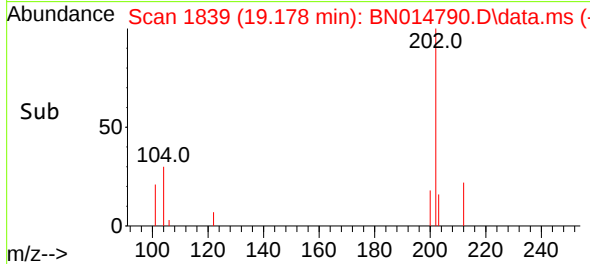
Instrument :
BNA_N
ClientSampleId :
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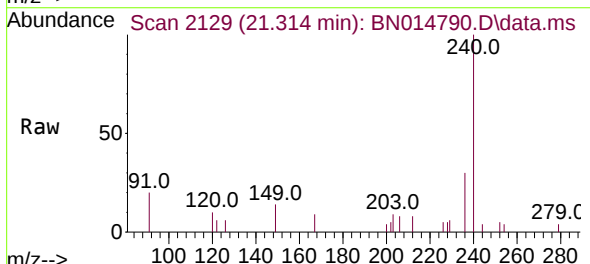
Tgt Ion:202 Resp: 416
Ion Ratio Lower Upper
202 100
101 0.0 7.0 10.6#
203 24.3 13.5 20.3#

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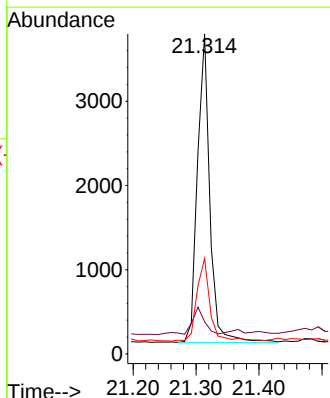
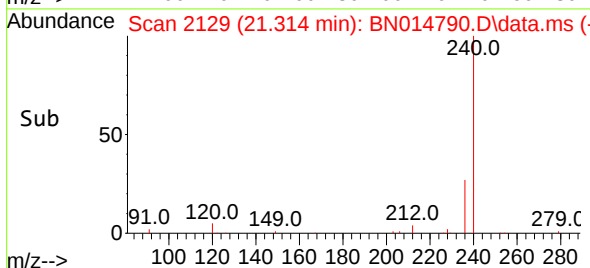
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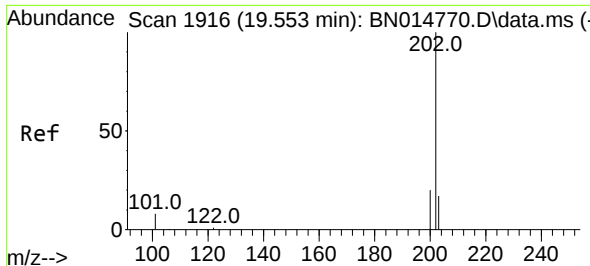


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.314 min Scan# 2129
Delta R.T. -0.008 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52



Tgt Ion:240 Resp: 4998
Ion Ratio Lower Upper
240 100
120 10.0 5.2 7.8#
236 29.8 21.6 32.4





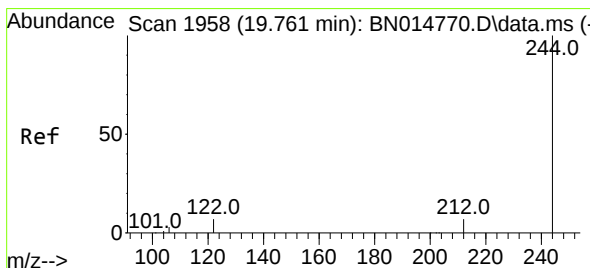
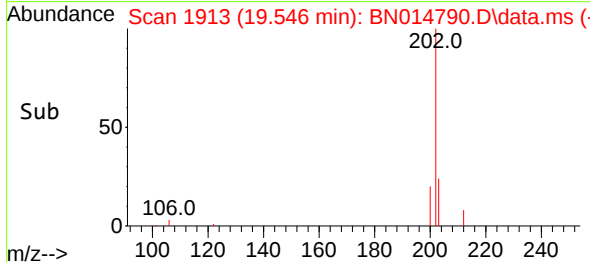
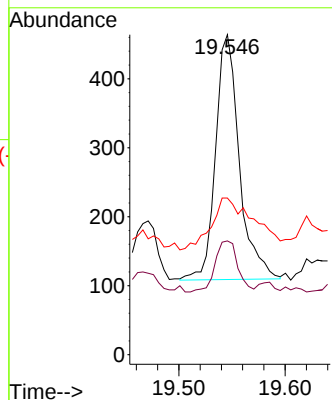
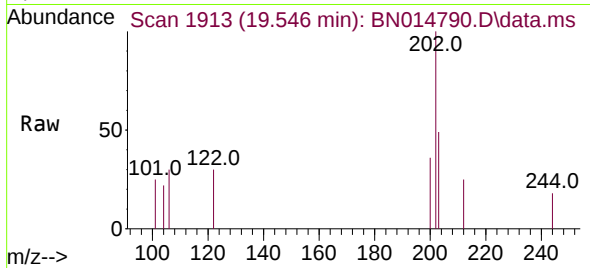
#30
Pyrene
Concen: 0.04 ng
RT: 19.546 min Scan# 1913
Delta R.T. -0.007 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.6	24.8
203	37.4	13.9	20.9#

Instrument :
BNA_N
ClientSampleId :
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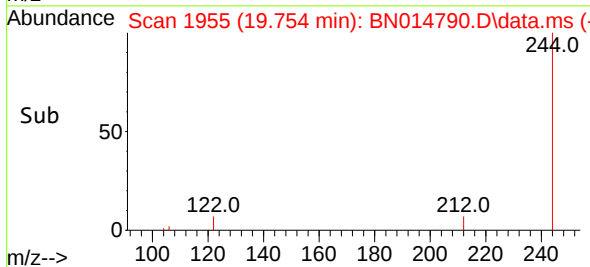
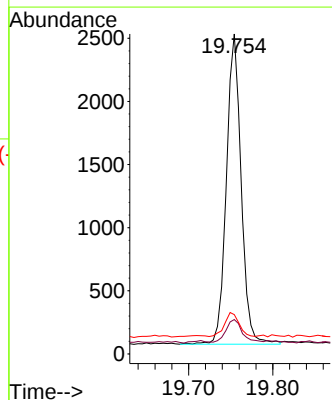
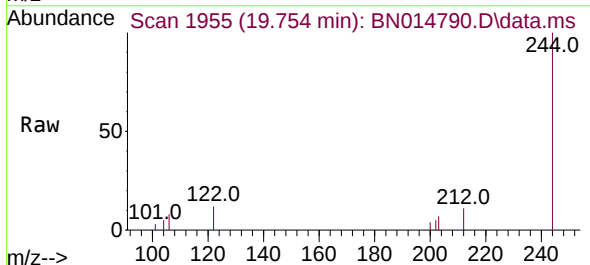
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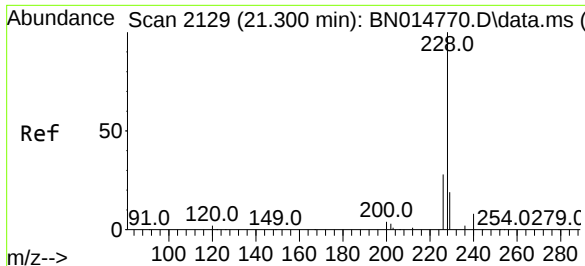
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#31
Terphenyl-d14
Concen: 0.25 ng
RT: 19.754 min Scan# 1955
Delta R.T. -0.007 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.8	6.8	10.2#
122	12.3	6.6	9.8#





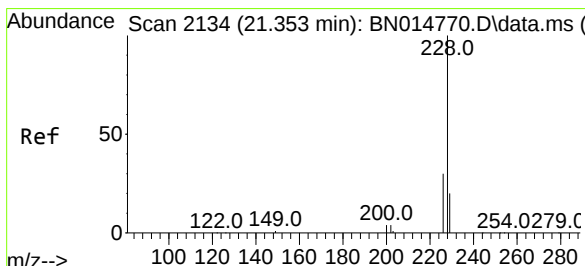
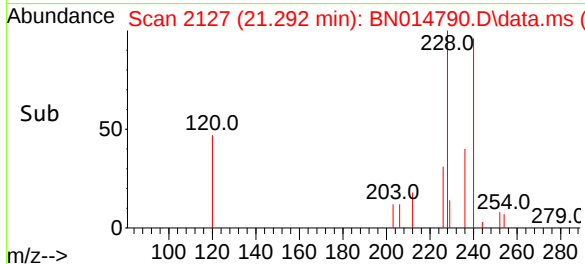
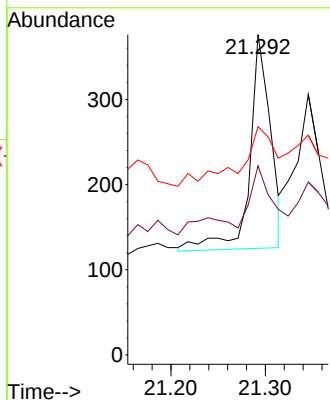
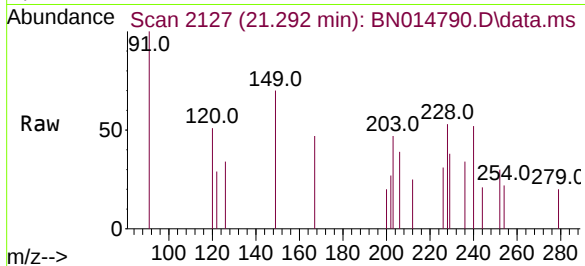
#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.292 min Scan# 2127
Delta R.T. -0.008 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

Tgt Ion:228 Resp: 387
Ion Ratio Lower Upper
228 100
226 59.0 22.9 34.3#
229 71.3 16.2 24.2#

Instrument :
BNA_N
ClientSampleId :
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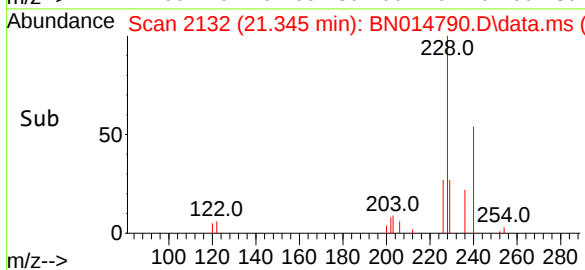
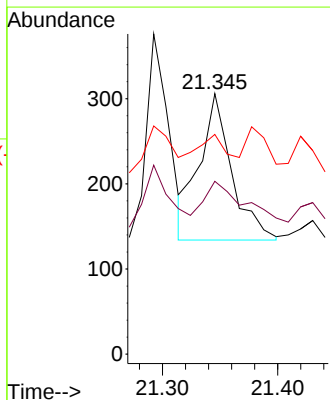
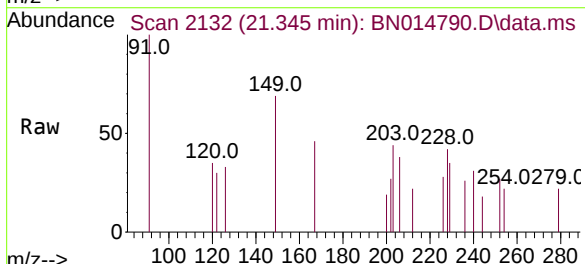
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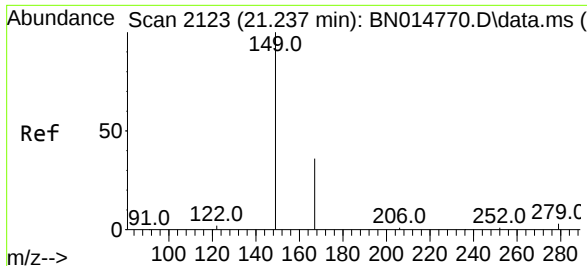
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#33
Chrysene
Concen: 0.02 ng m
RT: 21.345 min Scan# 2132
Delta R.T. -0.008 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

Tgt Ion:228 Resp: 336
Ion Ratio Lower Upper
228 100
226 66.3 24.3 36.5#
229 84.3 16.4 24.6#





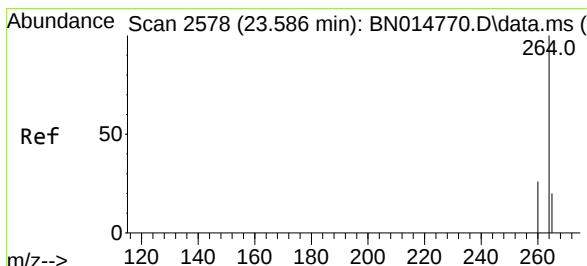
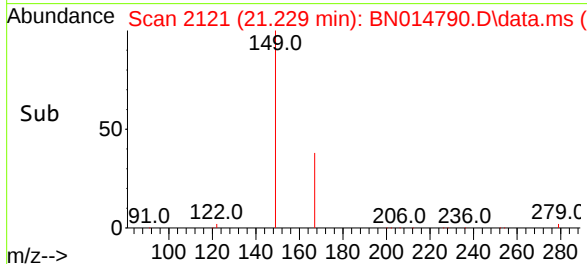
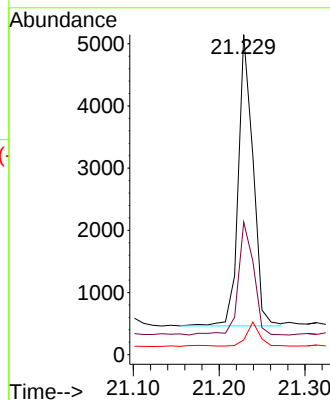
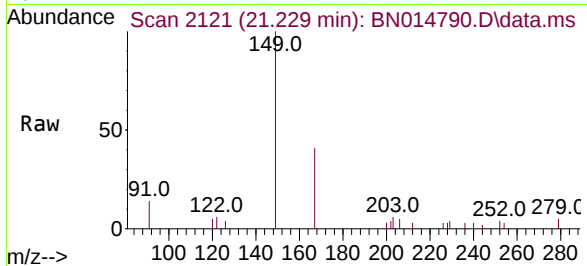
#34
Bis(2-ethylhexyl)phthalate
Concen: 1.29 ng
RT: 21.229 min Scan# 2121
Delta R.T. -0.008 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

Tgt Ion:149 Resp: 5577
Ion Ratio Lower Upper
149 100
167 40.5 28.3 42.5
279 7.3 5.5 8.3

Instrument :
BNA_N
ClientSampleId :
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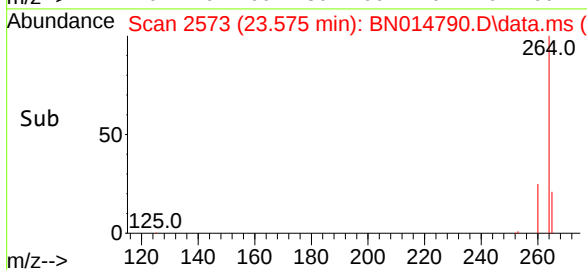
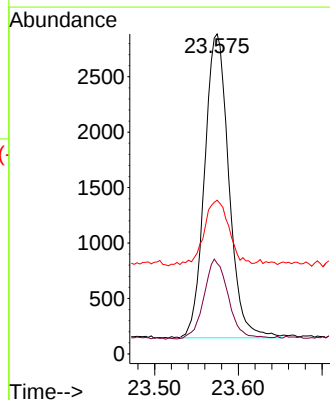
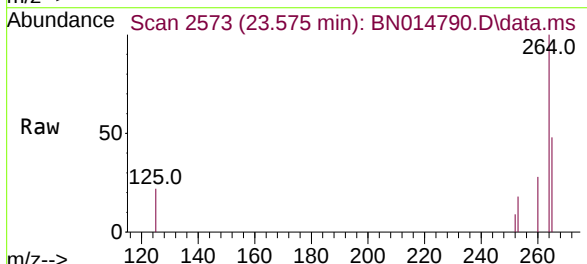
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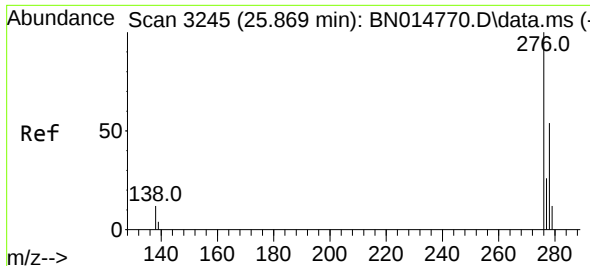
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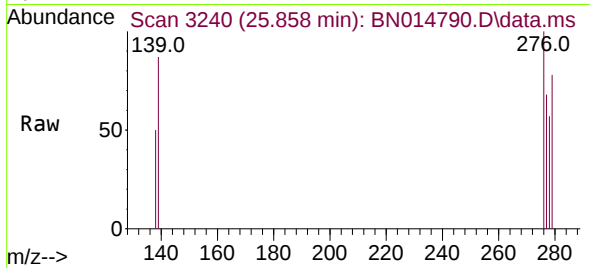
#35
Perylene-d12
Concen: 0.40 ng
RT: 23.575 min Scan# 2573
Delta R.T. -0.011 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

Tgt Ion:264 Resp: 5517
Ion Ratio Lower Upper
264 100
260 28.3 21.4 32.2
265 48.0 40.9 61.3

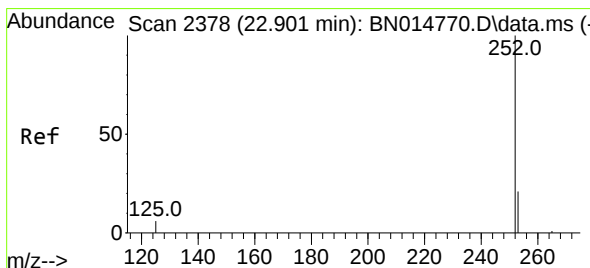
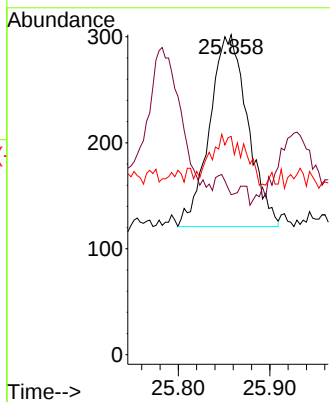
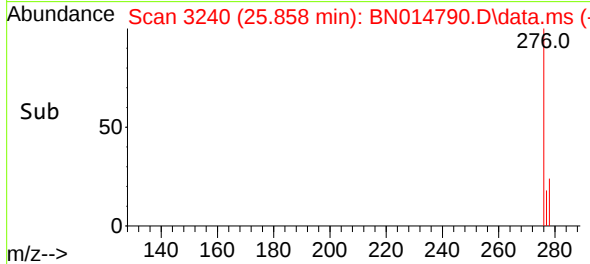




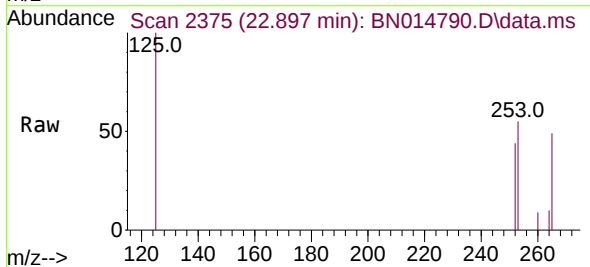
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.858 min Scan# 3240
Delta R.T. -0.011 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52



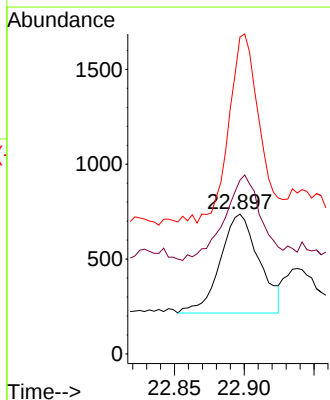
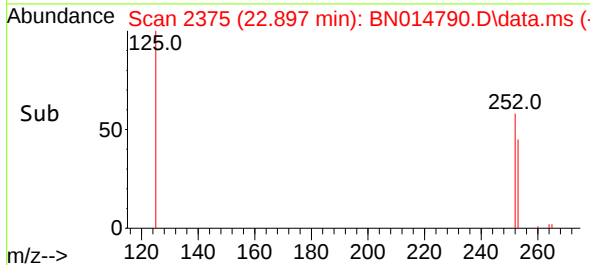
Tgt Ion:276 Resp: 523
Ion Ratio Lower Upper
276 100
138 2.9 10.2 15.4#
277 22.2 20.4 30.6



#37
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 22.897 min Scan# 2375
Delta R.T. -0.004 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52



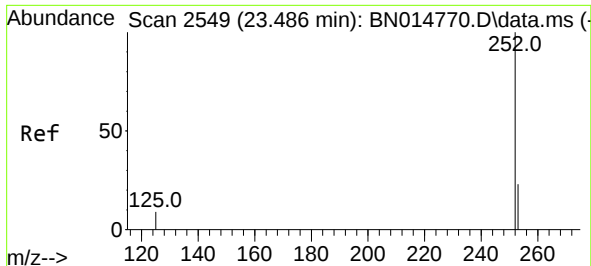
Tgt Ion:252 Resp: 1011
Ion Ratio Lower Upper
252 100
253 124.3 21.5 32.3#
125 226.7 6.6 10.0#



Instrument :
BNA_N
ClientSampleId :
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#39

Benzo(a)pyrene

Concen: 0.05 ng

RT: 23.472 min Scan# 2543

Delta R.T. -0.014 min

Lab File: BN014790.D

Acq: 27 May 2021 13:52

Tgt Ion:	252	Resp:	820
Ion Ratio	Lower	Upper	
252	100		
253	128.8	25.1	37.7#
125	251.4	9.4	14.0#

Instrument :

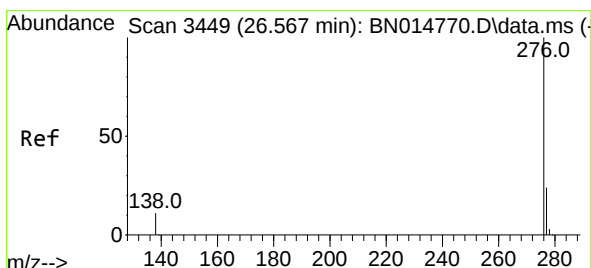
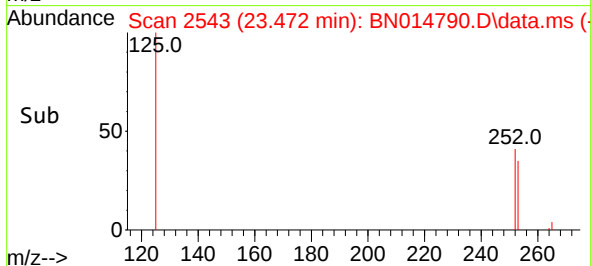
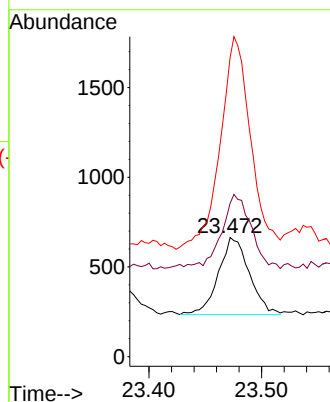
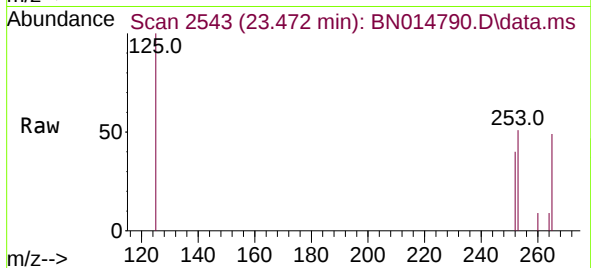
BNA_N

ClientSampleId :

BP-VPB-RW8-GW-888-890

Manual Integrations
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#41

Benzo(g,h,i)perylene

Concen: 0.02 ng

RT: 26.549 min Scan# 3442

Delta R.T. -0.018 min

Lab File: BN014790.D

Acq: 27 May 2021 13:52

Tgt Ion:	276	Resp:	496
Ion Ratio	Lower	Upper	
276	100		
277	69.2	20.9	31.3#
138	57.4	10.3	15.5#

