

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016773.D
 Acq On : 06 Oct 2021 10:31
 Operator : CG/JU
 Sample : M3892-02 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-829-J-SO-1-1.5-092221-FD

Manual Integrations
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mohammad
 10/7/2021 8:32:21 AM

Quant Time: Oct 06 11:10:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 04 17:52:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	18809	0.40	ng	0.00
7) Naphthalene-d8	10.406	136	87803	0.40	ng	0.00
13) Acenaphthene-d10	14.268	164	51309	0.40	ng	0.00
19) Phenanthrene-d10	17.029	188	103316	0.40	ng	0.00
29) Chrysene-d12	21.259	240	95116	0.40	ng	# 0.02
35) Perylene-d12	23.508	264	111083	0.40	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	1497	0.03	ng	0.00
5) Phenol-d6	6.821	99	1544	0.03	ng	0.00
8) Nitrobenzene-d5	8.784	82	1636	0.03	ng	0.00
11) 2-Methylnaphthalene-d10	12.002	152	3809	0.03	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	873	0.15	ng	-0.01
15) 2-Fluorobiphenyl	12.898	172	4977	0.02	ng	0.00
27) Fluoranthene-d10	19.073	212	6023m	0.02	ng	0.00
31) Terphenyl-d14	19.718	244	3083	0.01	ng	0.03
Target Compounds						Qvalue
9) Naphthalene	10.457	128	18096	0.08	ng	99
12) 2-Methylnaphthalene	12.078	142	16746	0.11	ng	99
16) Acenaphthylene	13.989	152	27835	0.12	ng	# 97
17) Acenaphthene	14.332	154	309583	2.07	ng	99
18) Fluorene	15.322	166	310886	1.72	ng	98
24) Pentachlorophenol	16.689	266	182	0.34	ng	# 85
25) Phenanthrene	17.066	178	5174056	17.04	ng	99
26) Anthracene	17.163	178	2152870	7.94	ng	# 96
28) Fluoranthene	19.122	202	16557737	49.13	ng	97
30) Pyrene	19.485	202	15374058	49.16	ng	95
32) Benzo(a)anthracene	21.238	228	12264228	41.57	ng	# 94
33) Chrysene	21.301	228	11306742m	37.78	ng	
34) Bis(2-ethylhexyl)phtha...	21.174	149	73830	0.41	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.798	276	3127244	8.87	ng	97
37) Benzo(b)fluoranthene	22.851	252	13319018	37.08	ng	97
38) Benzo(k)fluoranthene	22.889	252	5411380m	15.68	ng	
39) Benzo(a)pyrene	23.429	252	8852109	27.54	ng	97
40) Dibenzo(a,h)anthracene	25.805	278	1014909	3.63	ng	95
41) Benzo(g,h,i)perylene	26.496	276	2349561	7.51	ng	99

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

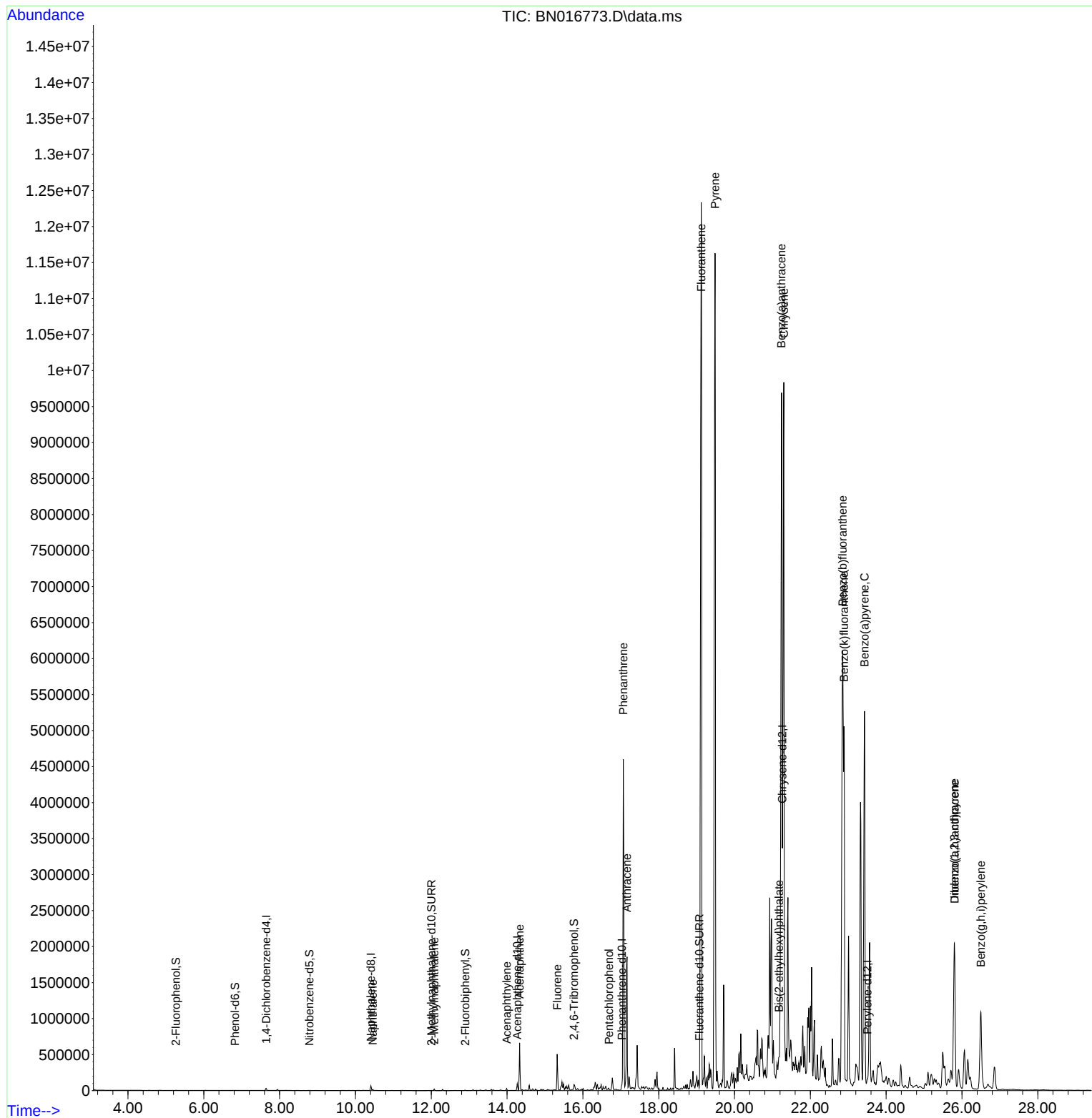
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016773.D
Acq On : 06 Oct 2021 10:31
Operator : CG/JU
Sample : M3892-02 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

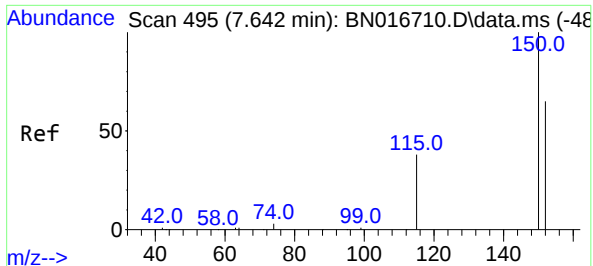
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221-FD

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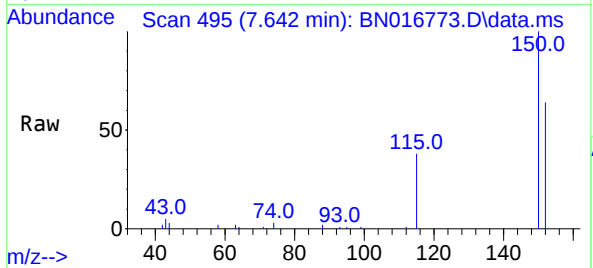
mohammad
10/7/2021 8:32:21 AM

Quant Time: Oct 06 11:10:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 17:52:33 2021
Response via : Initial Calibration

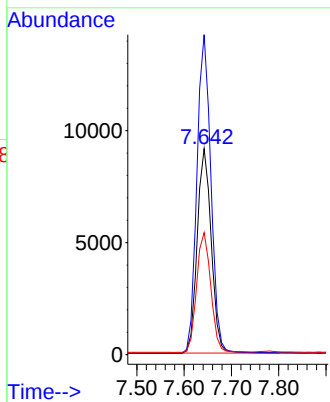




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31



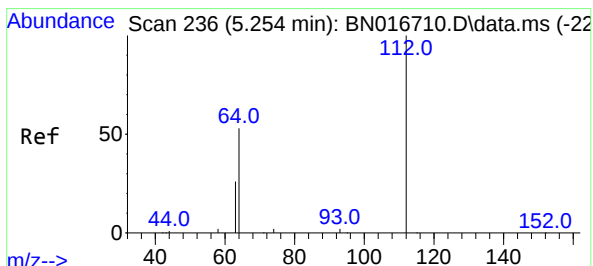
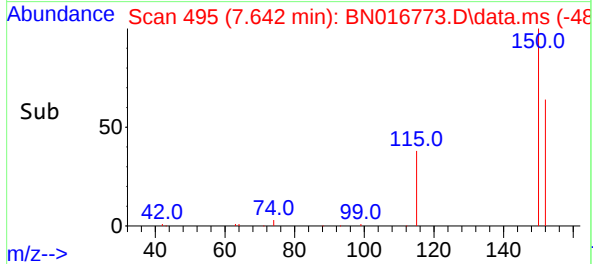
Tgt Ion:152 Resp: 18809
Ion Ratio Lower Upper
152 100
150 155.2 123.3 184.9
115 59.2 47.0 70.6



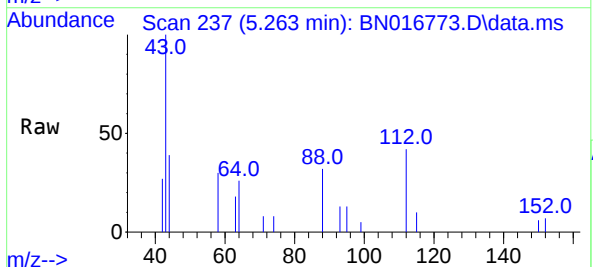
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ClientSampleId :
S-829-J-SO-1-1.5-092221-FD

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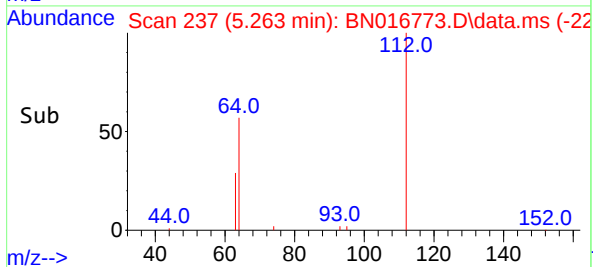
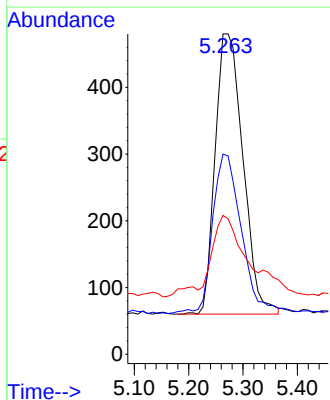
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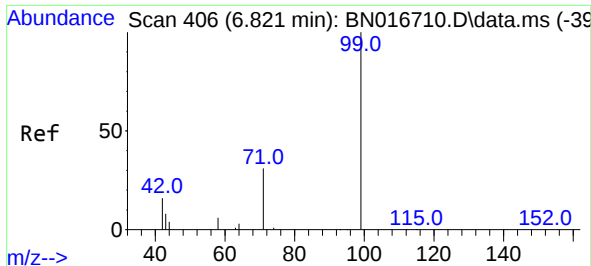


#4
2-Fluorophenol
Concen: 0.03 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.009 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31



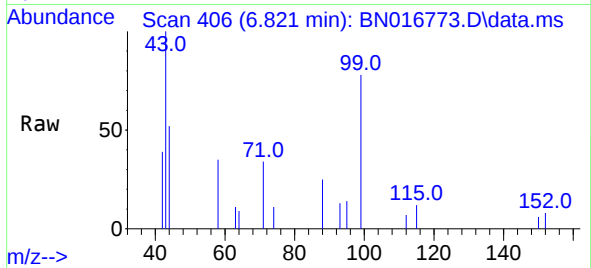
Tgt Ion:112 Resp: 1497
Ion Ratio Lower Upper
112 100
64 57.4 42.9 64.3
63 30.6 21.5 32.3





#5
Phenol-d6
Concen: 0.03 ng
RT: 6.821 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31

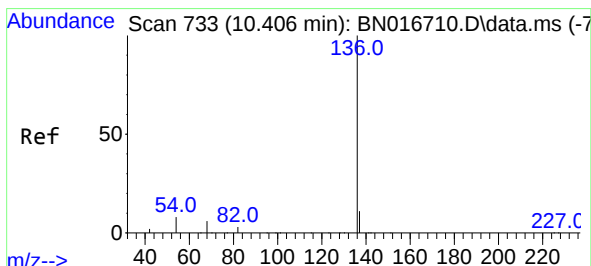
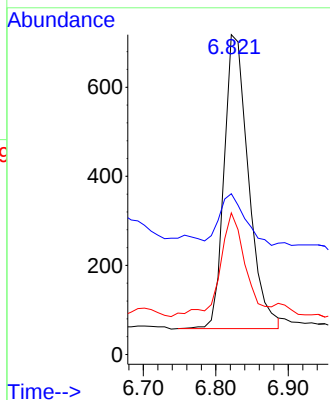
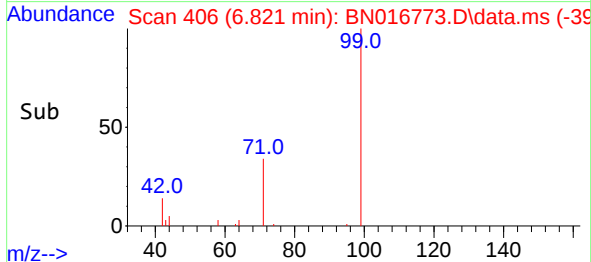
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ClientSampleId :
S-829-J-SO-1-1.5-092221-FD



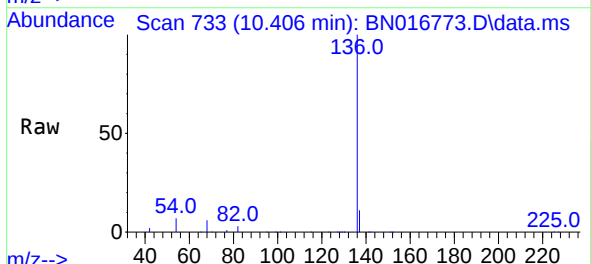
Tgt Ion: 99 Resp: 1544
Ion Ratio Lower Upper
99 100
42 18.5 13.4 20.2
71 37.0 24.0 36.0#

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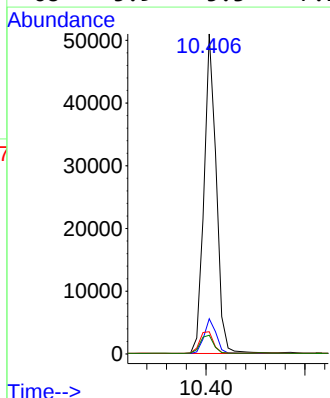
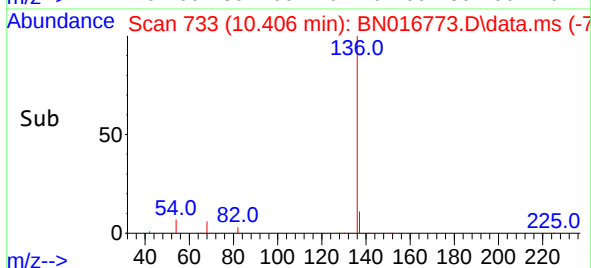
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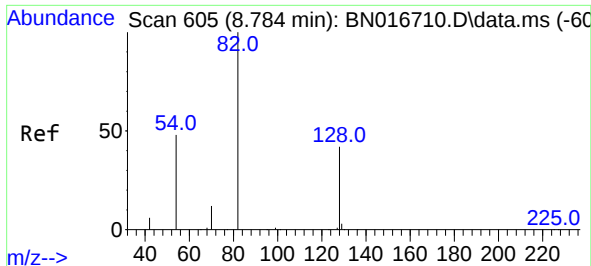


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31



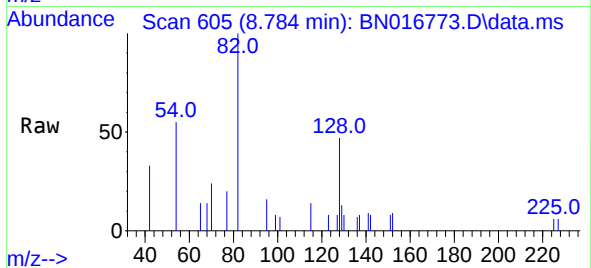
Tgt Ion: 136 Resp: 87803
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.0 6.5 9.7
68 5.9 5.3 7.9





#8
Nitrobenzene-d5
Concen: 0.03 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31

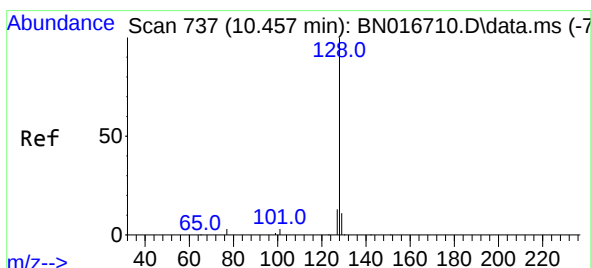
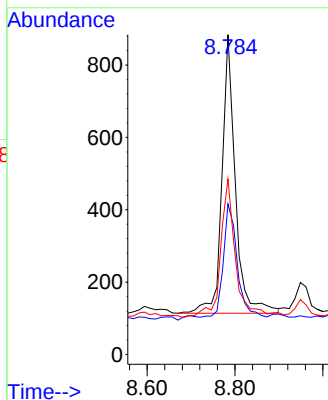
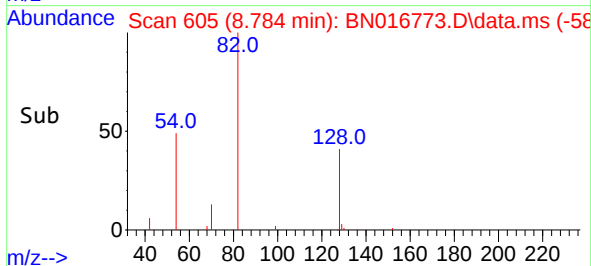
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221-FD



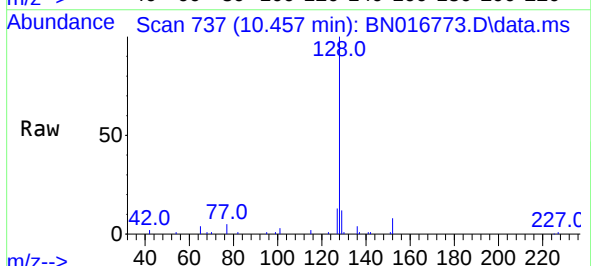
Tgt Ion: 82 Resp: 1636
Ion Ratio Lower Upper
82 100
128 47.1 33.8 50.6
54 54.9 38.5 57.7

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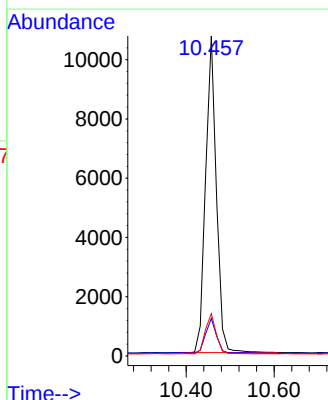
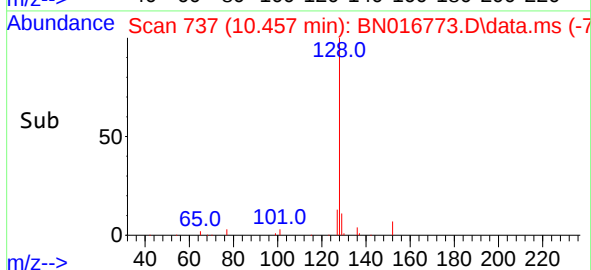
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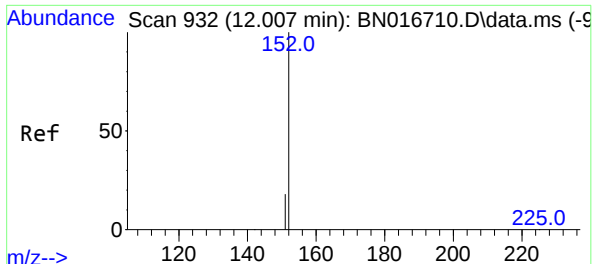


#9
Naphthalene
Concen: 0.08 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31



Tgt Ion: 128 Resp: 18096
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 13.2 10.3 15.5





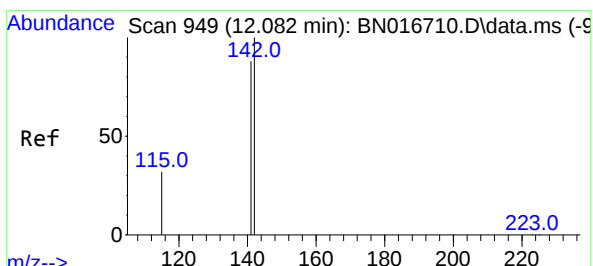
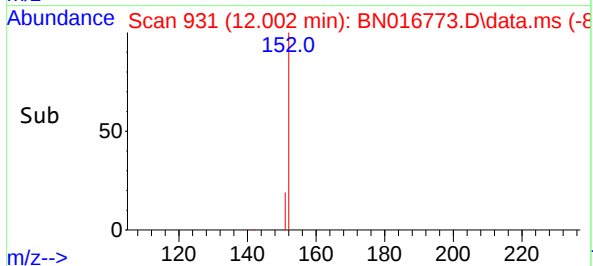
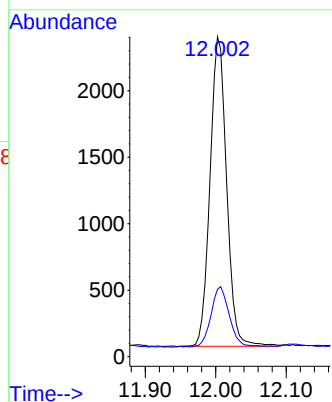
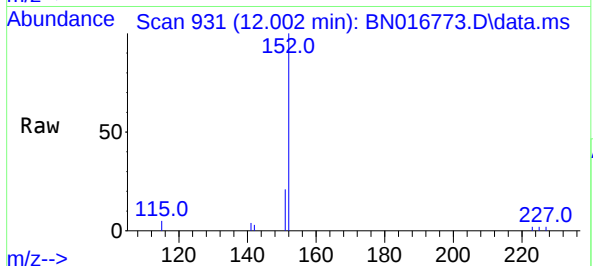
#11
2-Methylnaphthalene-d10
Concen: 0.03 ng
RT: 12.002 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31

Tgt Ion:152 Resp: 3809
Ion Ratio Lower Upper
152 100
151 21.4 16.2 24.4

Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221-FD

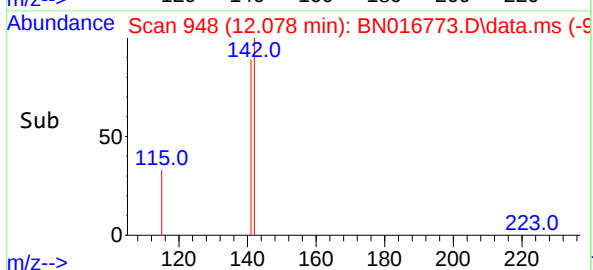
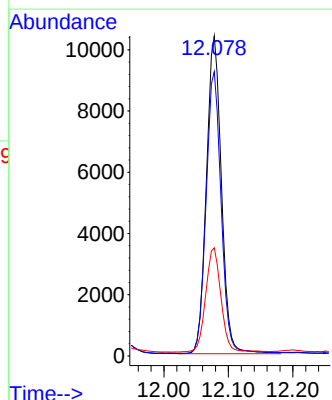
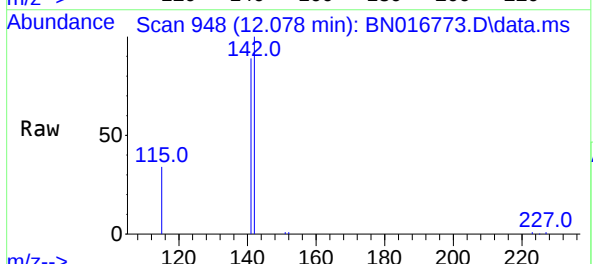
Manual Integrations
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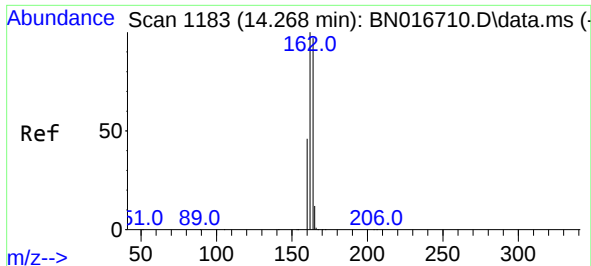
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#12
2-Methylnaphthalene
Concen: 0.11 ng
RT: 12.078 min Scan# 948
Delta R.T. -0.004 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31

Tgt Ion:142 Resp: 16746
Ion Ratio Lower Upper
142 100
141 88.9 70.6 106.0
115 33.8 26.1 39.1





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.268 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31

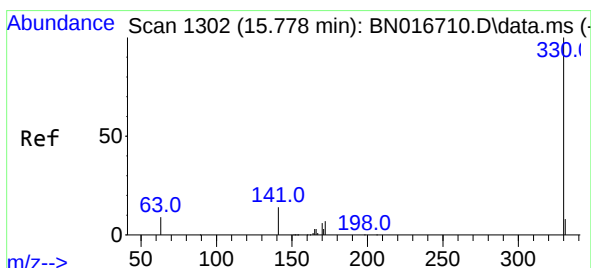
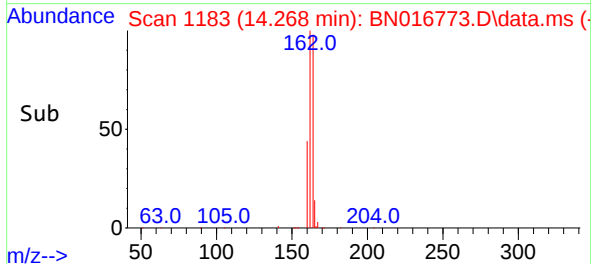
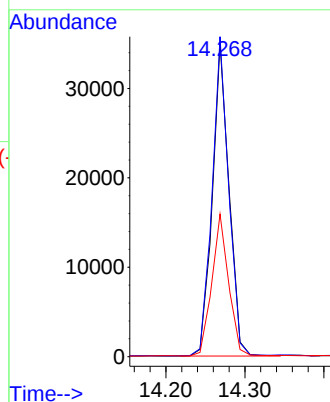
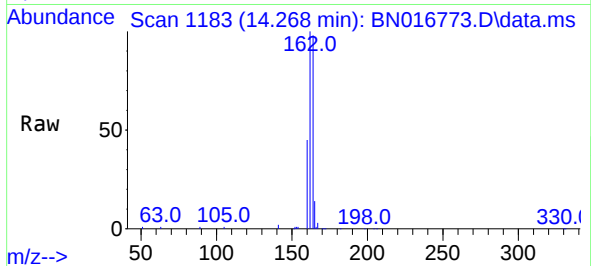
Tgt Ion:164 Resp: 51309

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	124.0
160	45.4	38.2	57.2

Instrument :
BNA_N
ClientSampleId :
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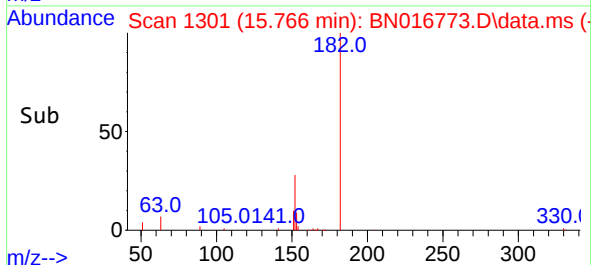
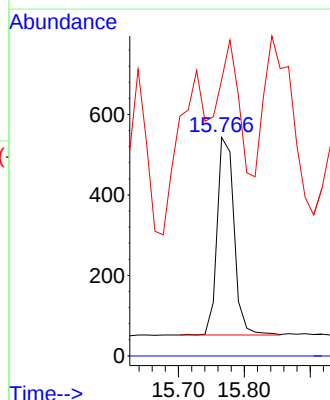
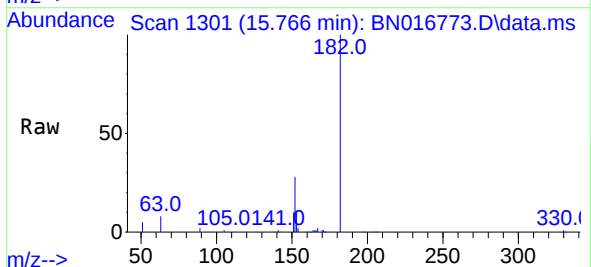
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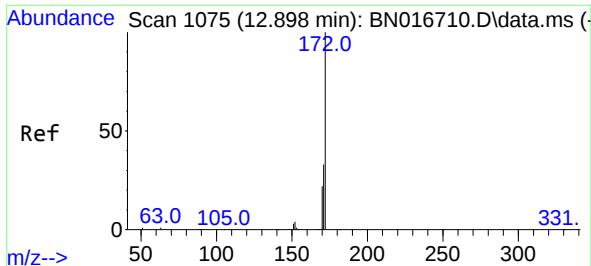


#14
2,4,6-Tribromophenol
Concen: 0.15 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31

Tgt Ion:330 Resp: 873

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	69.1	24.2	36.2





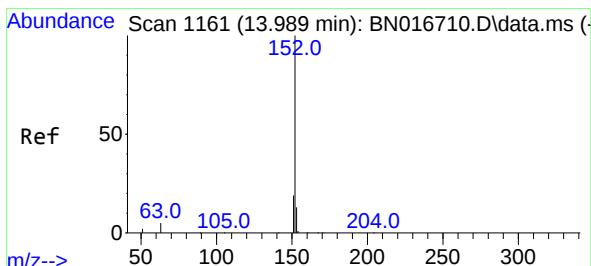
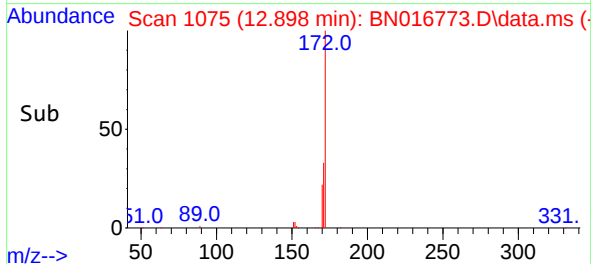
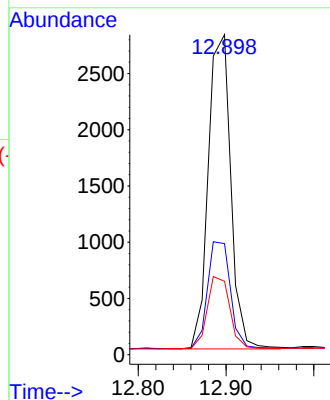
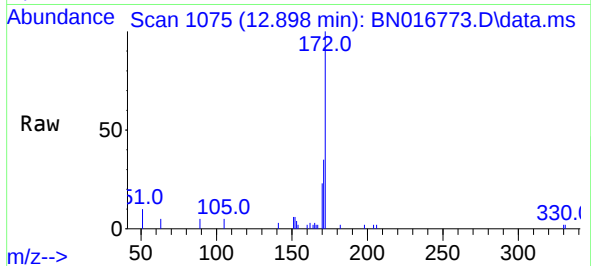
#15
2-Fluorobiphenyl
Concen: 0.02 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31

Tgt Ion:	172	Resp:	4977
Ion	Ratio	Lower	Upper
172	100		
171	34.7	26.9	40.3
170	23.0	17.4	26.0

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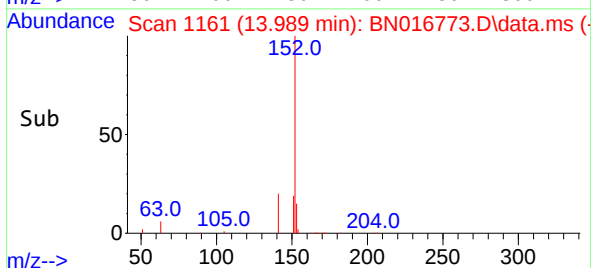
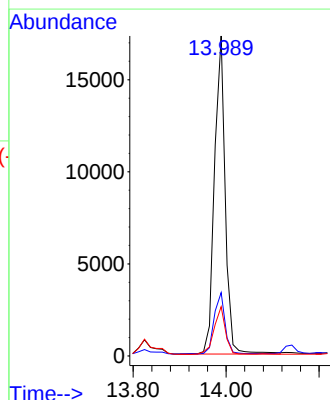
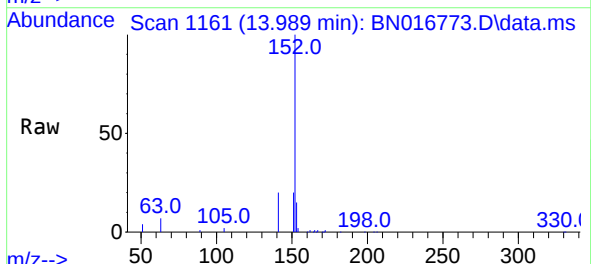
Manual Integrations
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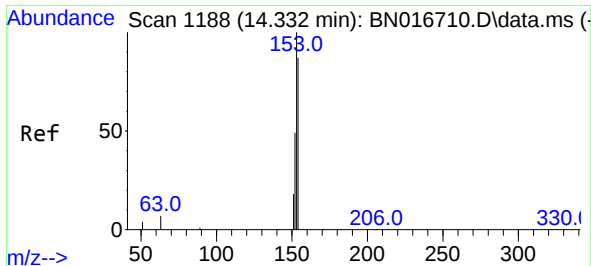
mohammad
10/7/2021 8:32:21 AM



#16
Acenaphthylene
Concen: 0.12 ng
RT: 13.989 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31

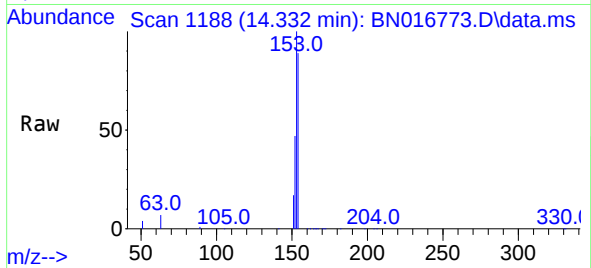
Tgt Ion:	152	Resp:	27835
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	15.7	10.4	15.6





#17
Acenaphthene
Concen: 2.07 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31

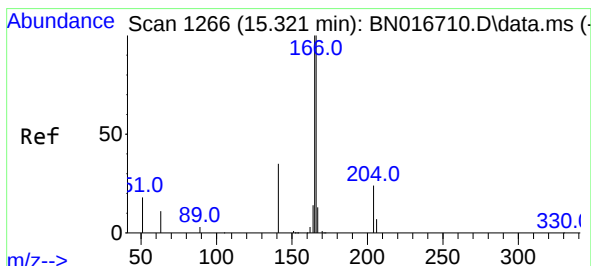
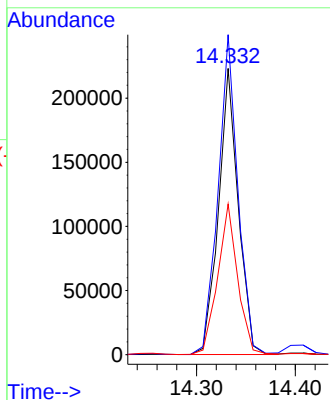
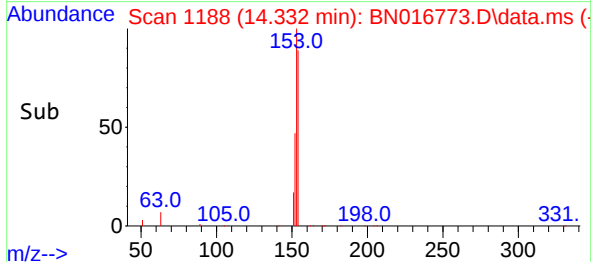
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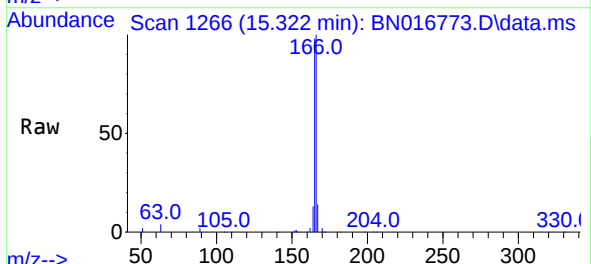
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Ion Ratio Lower Upper
154 100
153 112.0 90.1 135.1
152 53.2 43.6 65.4

Manual Integrations
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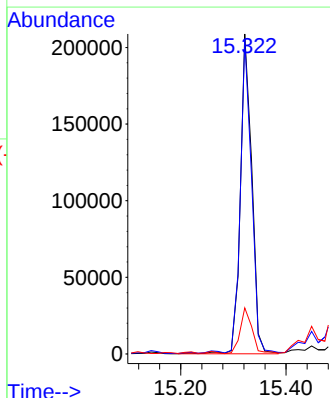
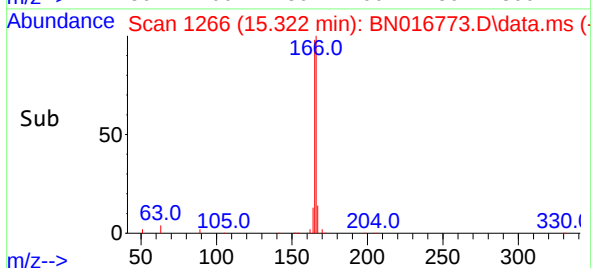
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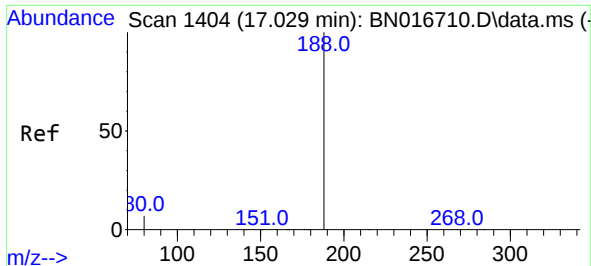


#18
Fluorene
Concen: 1.72 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.001 min
Lab File: BN016773.D
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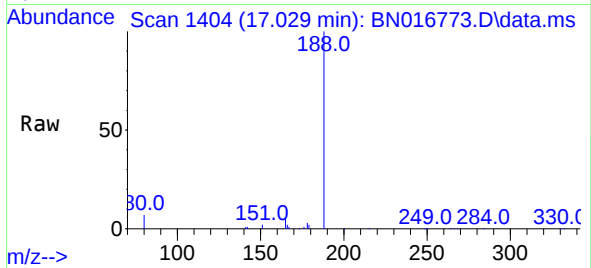


Tgt Ion:166 Resp: 310886
Ion Ratio Lower Upper
166 100
165 95.5 78.1 117.1
167 15.0 10.7 16.1

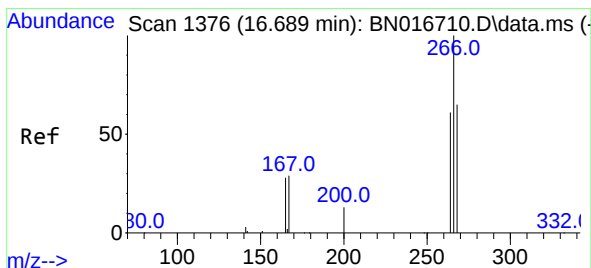
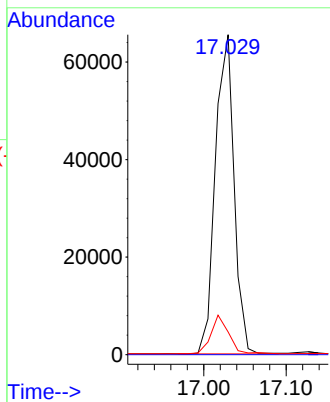
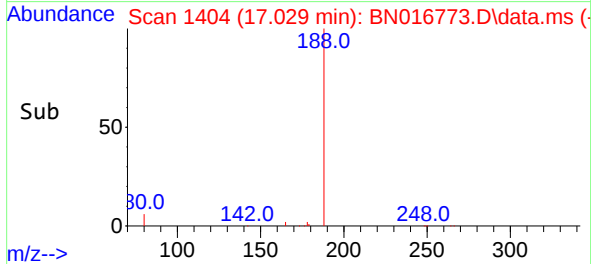




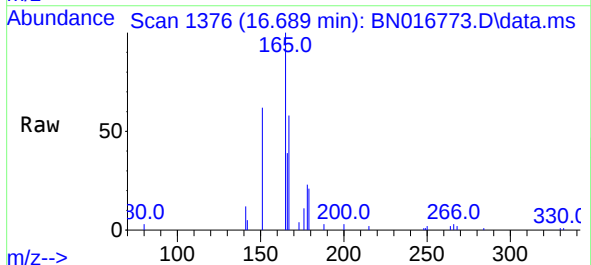
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.029 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31



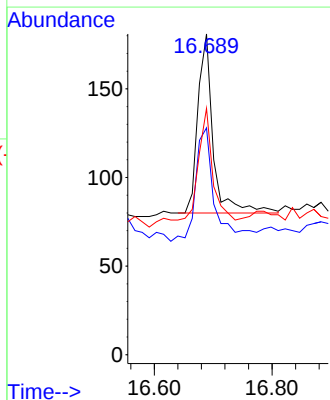
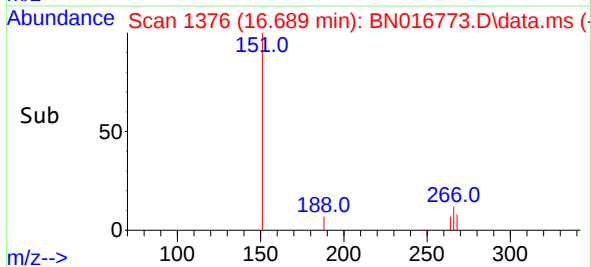
Tgt Ion:188 Resp: 103316
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.1 5.8 8.8



#24
Pentachlorophenol
Concen: 0.34 ng
RT: 16.689 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31



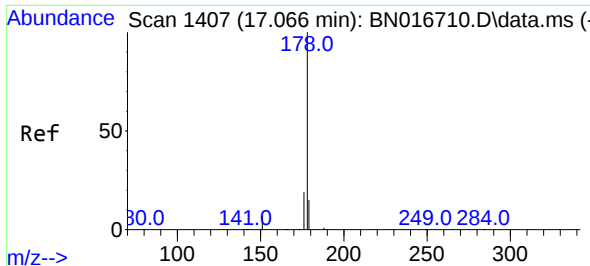
Tgt Ion:266 Resp: 182
Ion Ratio Lower Upper
266 100
264 76.4 49.3 73.9#
268 56.0 51.8 77.8



Instrument :
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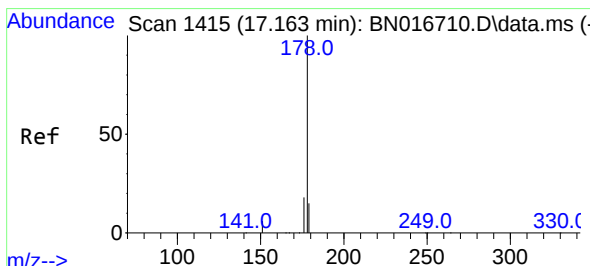
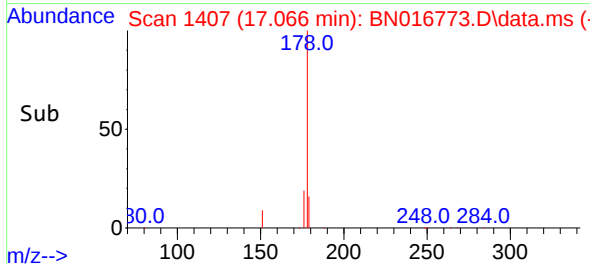
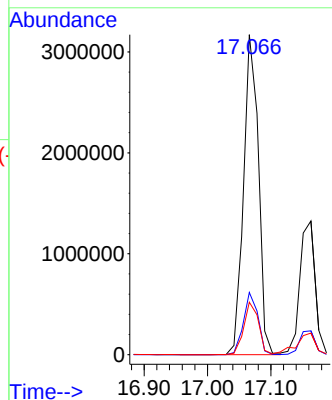
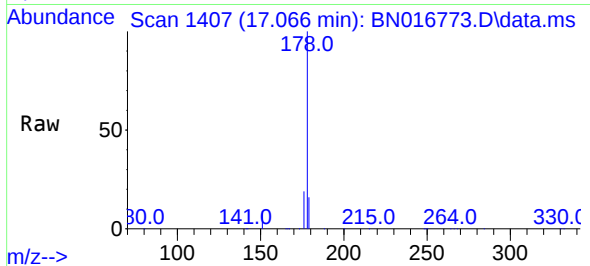
#25
Phenanthrene
Concen: 17.04 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31

Tgt Ion:178 Resp: 5174056
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 16.3 12.4 18.6

Instrument :
BNA_N
ClientSampleId :
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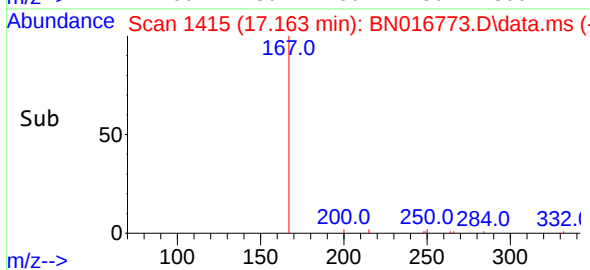
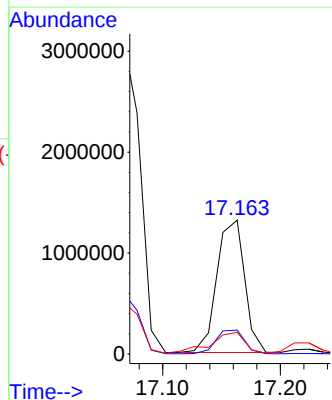
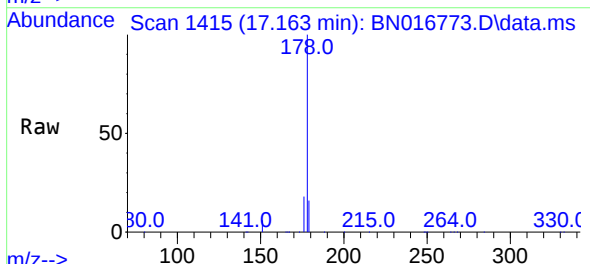
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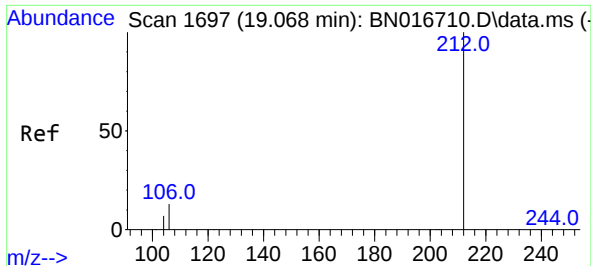
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#26
Anthracene
Concen: 7.94 ng
RT: 17.163 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31

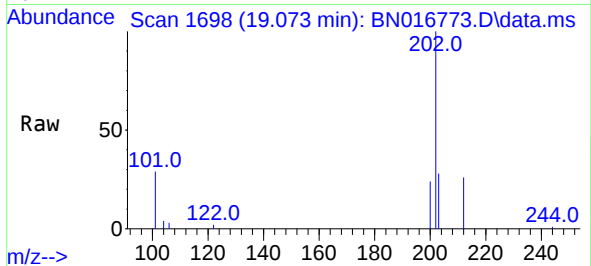
Tgt Ion:178 Resp: 2152870
Ion Ratio Lower Upper
178 100
176 18.3 14.5 21.7
179 19.1 12.2 18.4#





#27
Fluoranthene-d10
Concen: 0.02 ng m
RT: 19.073 min Scan# 1698
Delta R.T. 0.005 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31

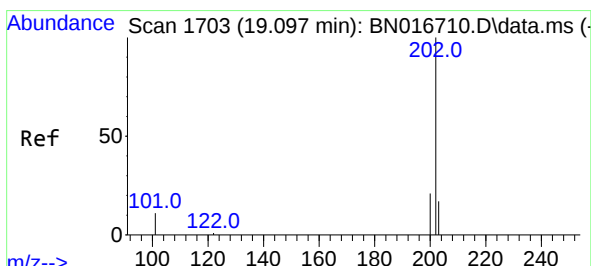
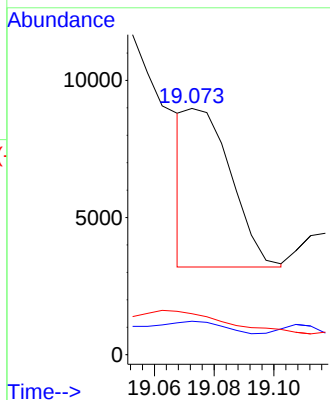
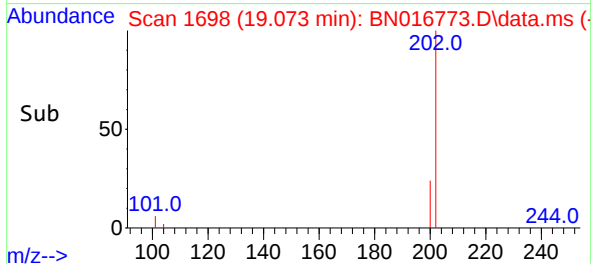
Instrument :
BNA_N
ClientSampleId :
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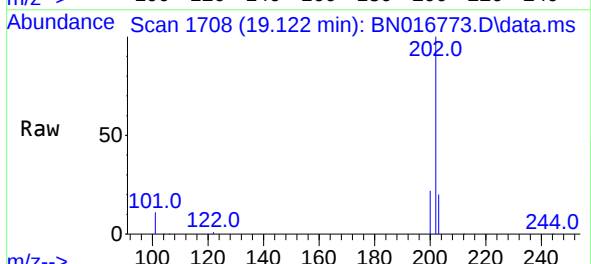
Tgt Ion:212 Resp: 6023
Ion Ratio Lower Upper
212 100
106 10.3 10.6 16.0#
104 0.0 5.8 8.8#

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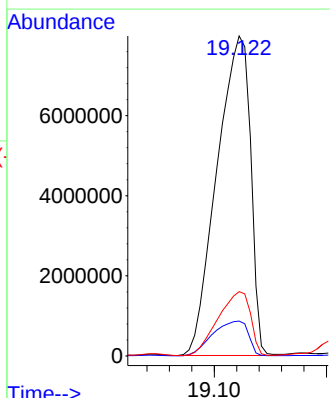
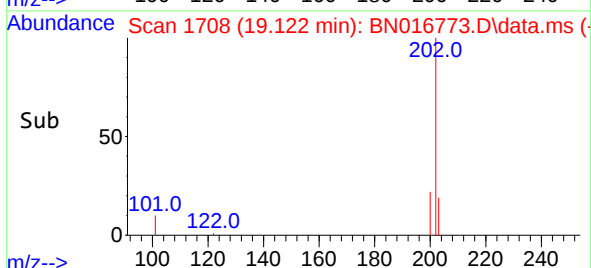
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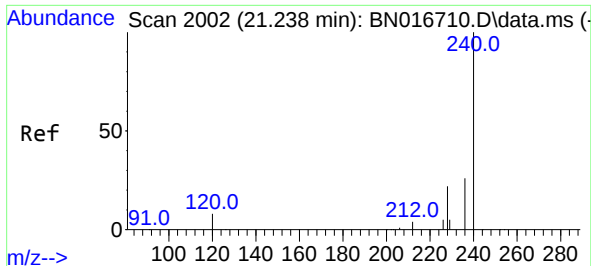


#28
Fluoranthene
Concen: 49.13 ng
RT: 19.122 min Scan# 1708
Delta R.T. 0.025 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31



Tgt Ion:202 Resp:16557737
Ion Ratio Lower Upper
202 100
101 11.5 8.9 13.3
203 19.4 13.8 20.8





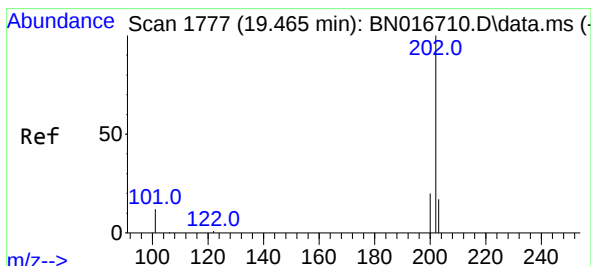
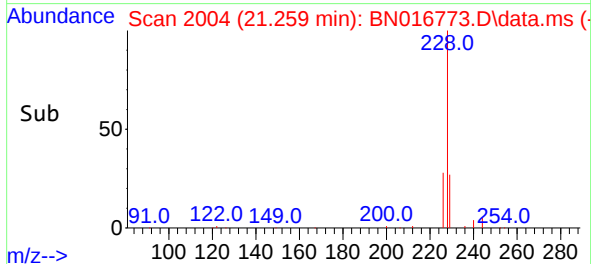
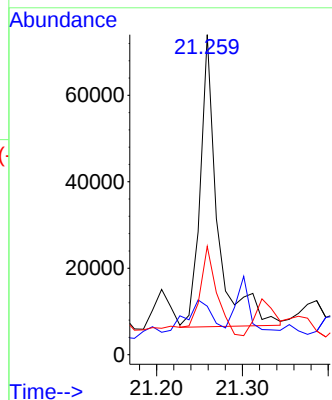
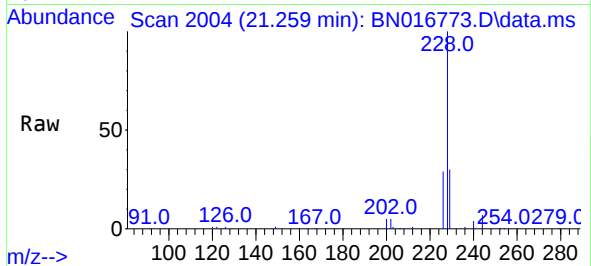
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.021 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31

Tgt Ion:240 Resp: 95116
Ion Ratio Lower Upper
240 100
120 15.1 6.6 10.0#
236 33.9 20.7 31.1#

Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221-FD

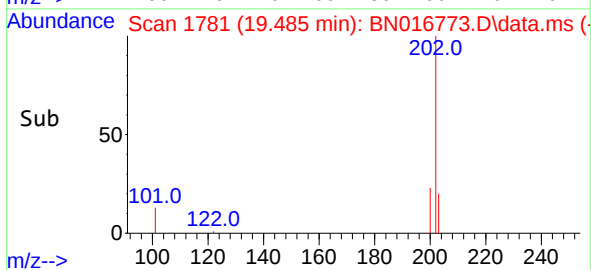
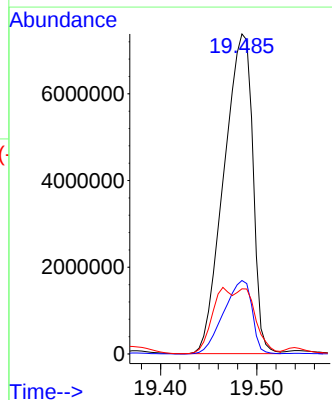
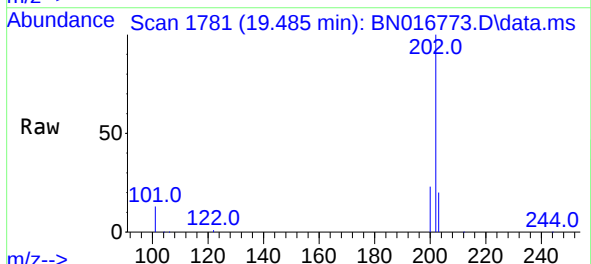
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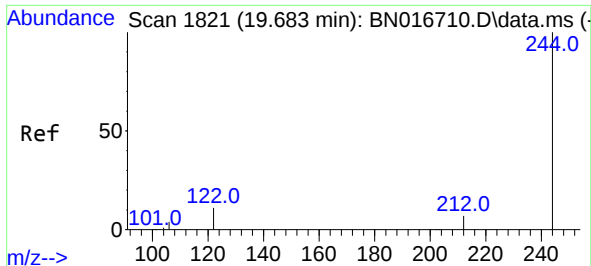
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#30
Pyrene
Concen: 49.16 ng
RT: 19.485 min Scan# 1781
Delta R.T. 0.020 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31

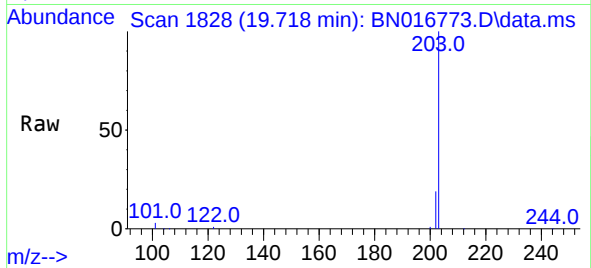
Tgt Ion:202 Resp:15374058
Ion Ratio Lower Upper
202 100
200 22.6 16.5 24.7
203 14.8 13.9 20.9





#31
Terphenyl-d14
Concen: 0.01 ng
RT: 19.718 min Scan# 1828
Delta R.T. 0.035 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31

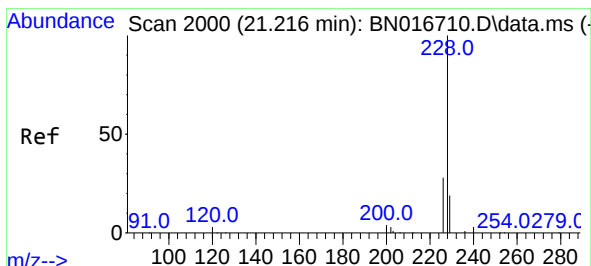
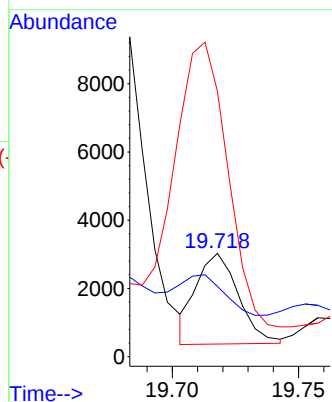
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221-FD



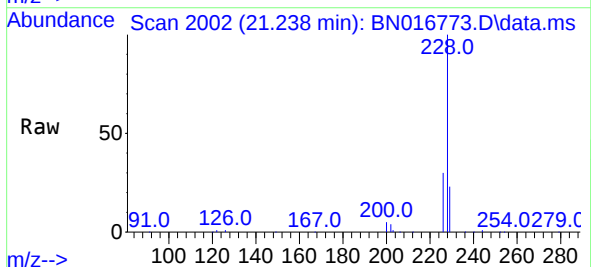
Tgt Ion:244 Resp: 3083
Ion Ratio Lower Upper
244 100
212 68.0 5.8 8.6#
122 256.6 8.9 13.3#

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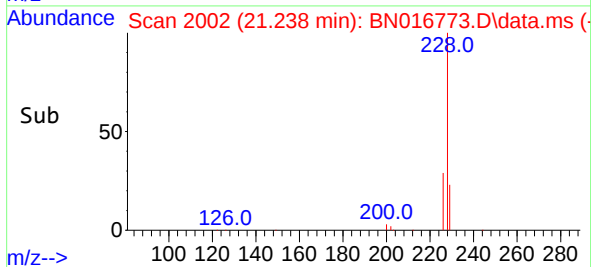
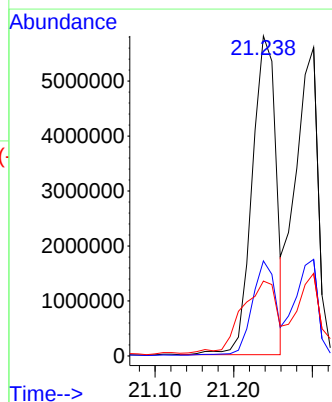
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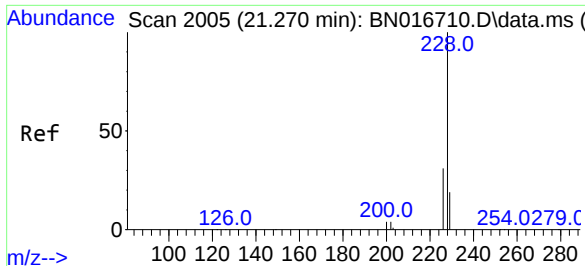


#32
Benzo(a)anthracene
Concen: 41.57 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.021 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31



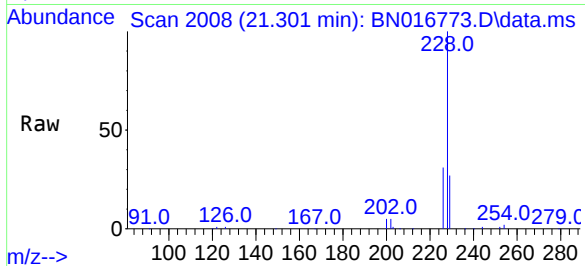
Tgt Ion:228 Resp:12264228
Ion Ratio Lower Upper
228 100
226 29.7 22.3 33.5
229 23.4 15.4 23.0#





#33
Chrysene
Concen: 37.78 ng m
RT: 21.301 min Scan# 2008
Delta R.T. 0.032 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31

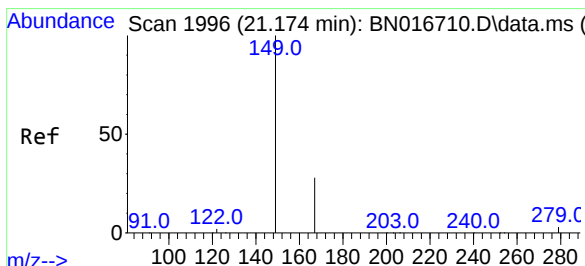
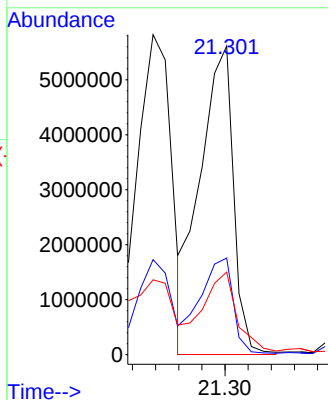
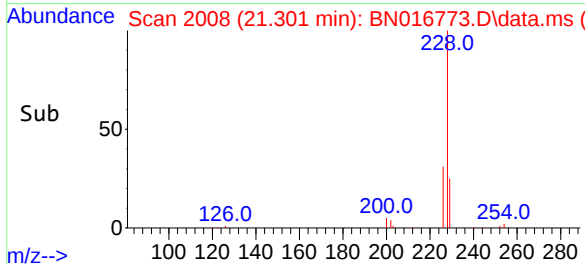
Instrument :
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ClientSampleId :
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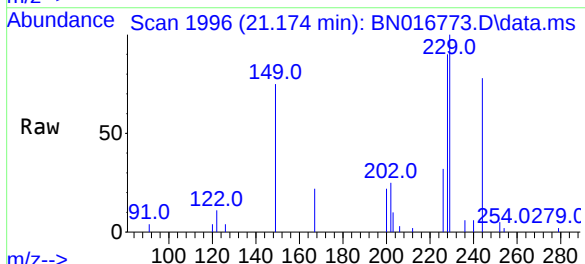
Tgt Ion:228 Resp:11306742
Ion Ratio Lower Upper
228 100
226 31.3 24.2 36.4
229 26.7 15.4 23.0#

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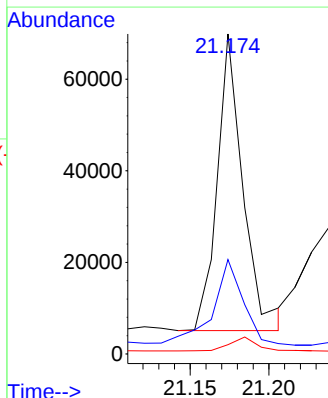
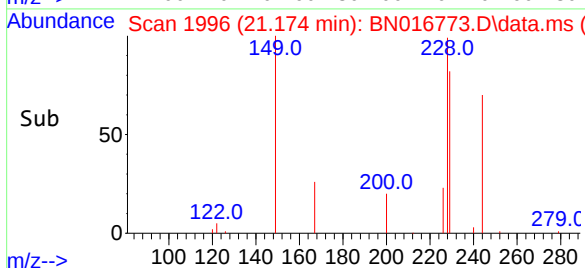
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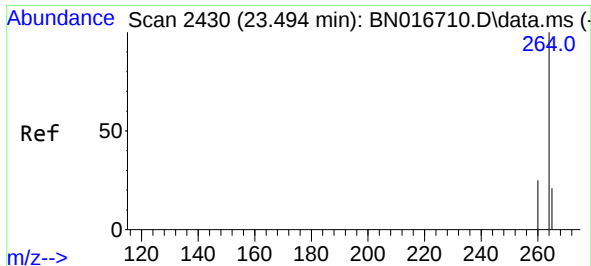


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.41 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31



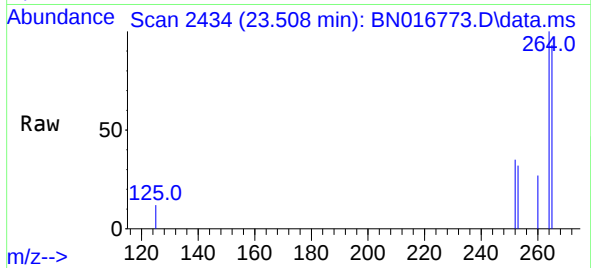
Tgt Ion:149 Resp: 73830
Ion Ratio Lower Upper
149 100
167 35.0 22.2 33.4#
279 6.3 3.4 5.2#





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.508 min Scan# 2434
Delta R.T. 0.014 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31

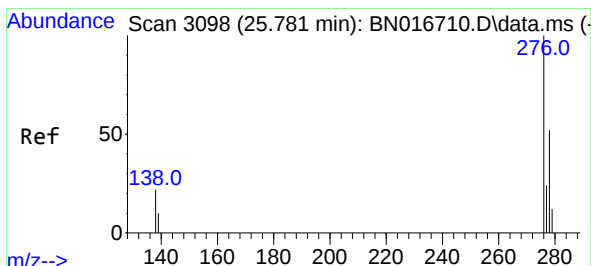
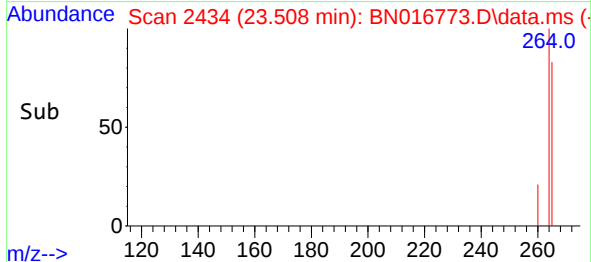
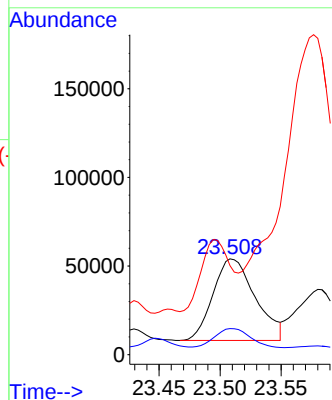
Instrument :
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Tgt Ion:264 Resp: 111083
Ion Ratio Lower Upper
264 100
260 27.2 19.8 29.6
265 93.1 20.3 30.5#

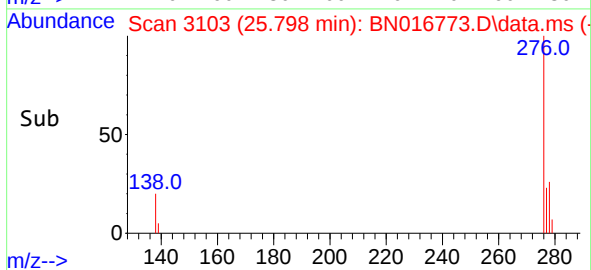
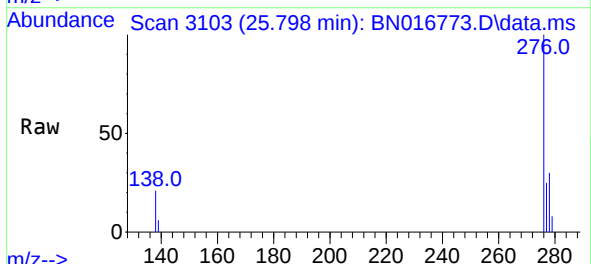
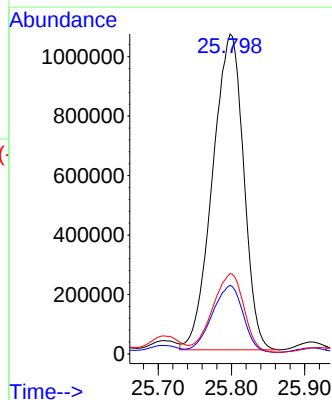
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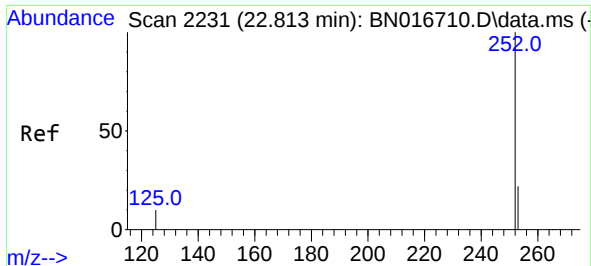
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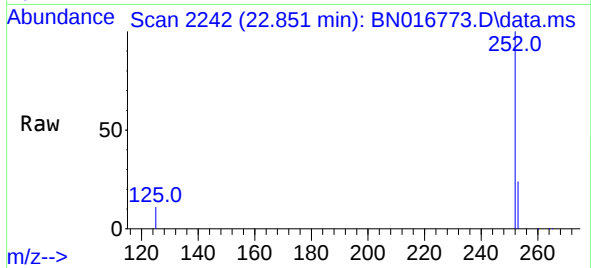
#36
Indeno(1,2,3-cd)pyrene
Concen: 8.87 ng
RT: 25.798 min Scan# 3103
Delta R.T. 0.017 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31

Tgt Ion:276 Resp: 3127244
Ion Ratio Lower Upper
276 100
138 21.3 19.2 28.8
277 25.1 20.0 30.0

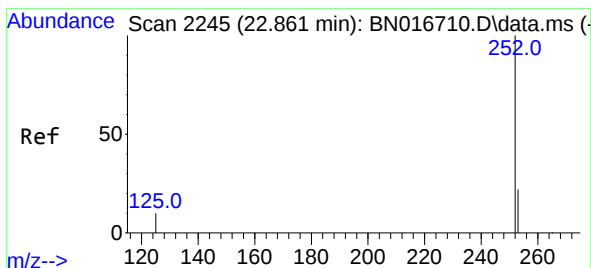
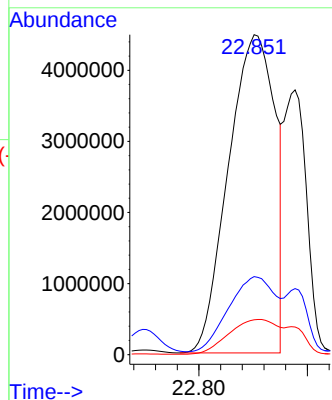
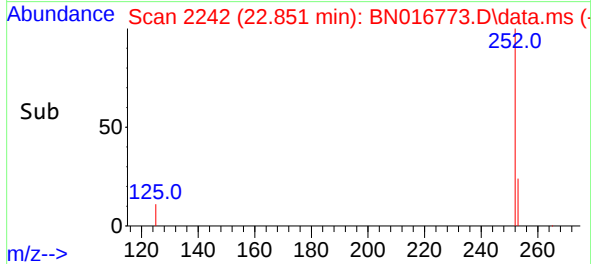




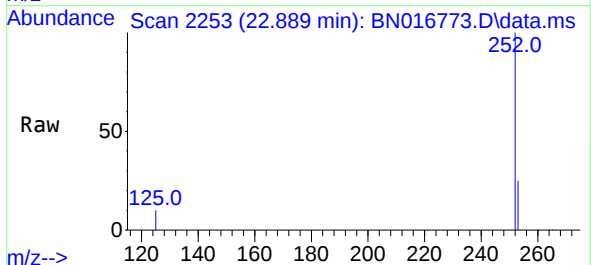
#37
Benzo(b)fluoranthene
Concen: 37.08 ng
RT: 22.851 min Scan# 2242
Delta R.T. 0.038 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31



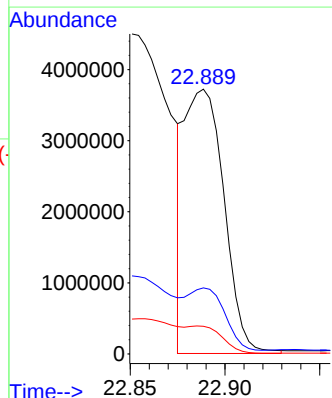
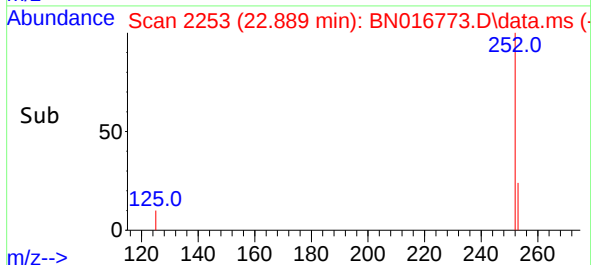
Tgt Ion:252 Resp:13319018
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.8
125 10.9 8.3 12.5



#38
Benzo(k)fluoranthene
Concen: 15.68 ng m
RT: 22.889 min Scan# 2253
Delta R.T. 0.027 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31



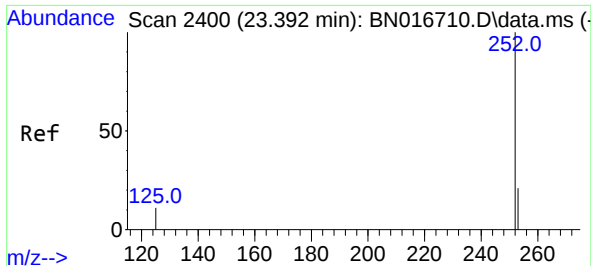
Tgt Ion:252 Resp: 5411380
Ion Ratio Lower Upper
252 100
253 25.0 17.8 26.8
125 10.5 8.5 12.7



Instrument :
BNA_N
ClientSampleId :
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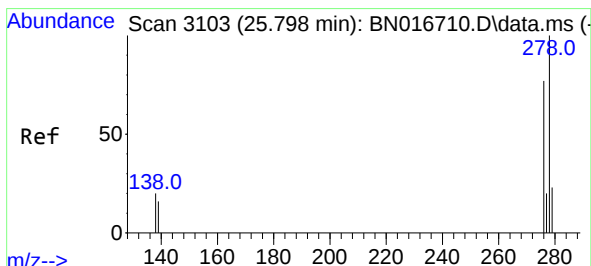
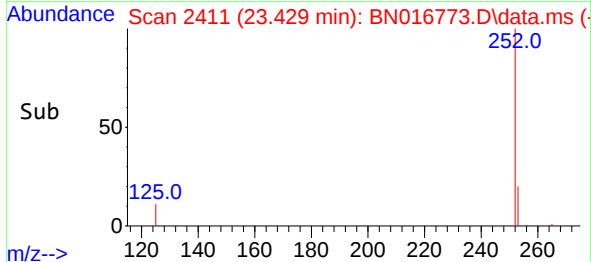
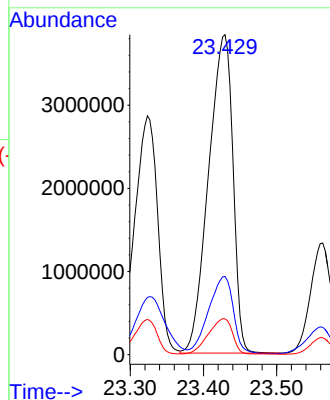
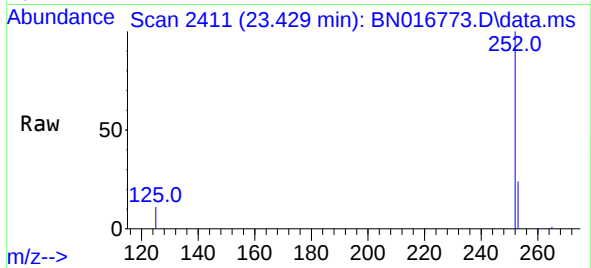
#39
Benzo(a)pyrene
Concen: 27.54 ng
RT: 23.429 min Scan# 2411
Delta R.T. 0.038 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31

Tgt Ion:252 Resp: 8852109
Ion Ratio Lower Upper
252 100
253 24.4 17.9 26.9
125 11.2 9.4 14.2

Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221-FD

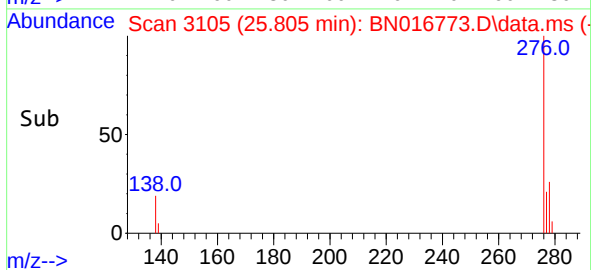
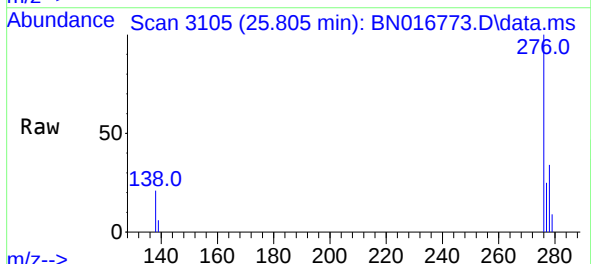
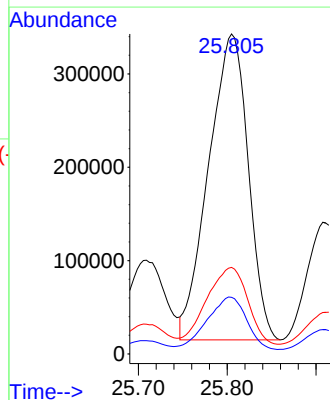
Manual Integrations
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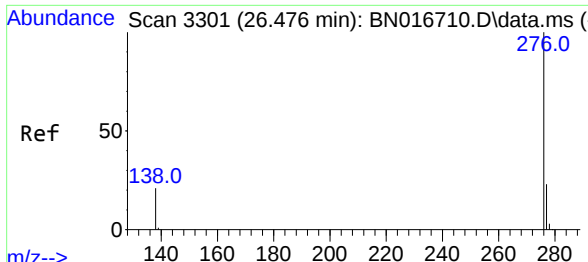
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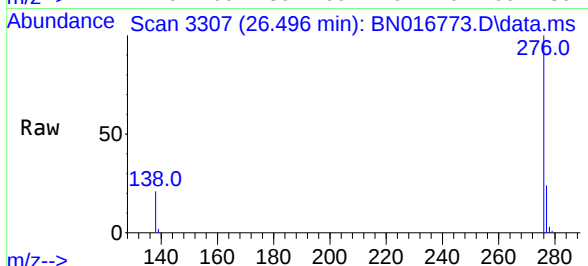
#40
Dibenzo(a,h)anthracene
Concen: 3.63 ng
RT: 25.805 min Scan# 3105
Delta R.T. 0.007 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31

Tgt Ion:278 Resp: 1014909
Ion Ratio Lower Upper
278 100
139 17.7 13.1 19.7
279 27.1 19.3 28.9

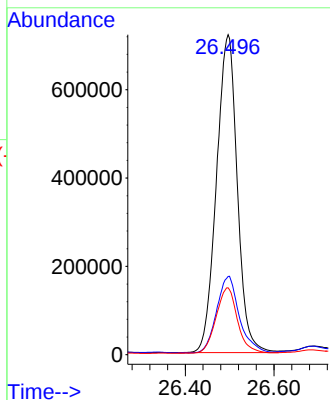
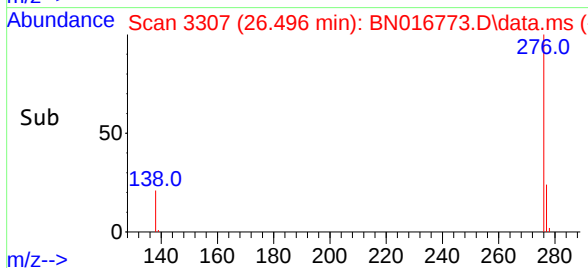




#41
Benzo(g,h,i)perylene
Concen: 7.51 ng
RT: 26.496 min Scan# 3307
Delta R.T. 0.021 min
Lab File: BN016773.D
Acq: 06 Oct 2021 10:31



Tgt Ion: 276 Resp: 2349561
Ion Ratio Lower Upper
276 100
277 24.5 19.0 28.4
138 20.9 17.0 25.6



Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221-FD

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