

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122021\
 Data File : BN018121.D
 Acq On : 20 Dec 2021 14:22
 Operator : CG/JU
 Sample : M5137-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-G-115-140-121621-FD

Quant Time: Dec 20 14:51:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 20 14:16:44 2021
 Response via : Initial Calibration

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

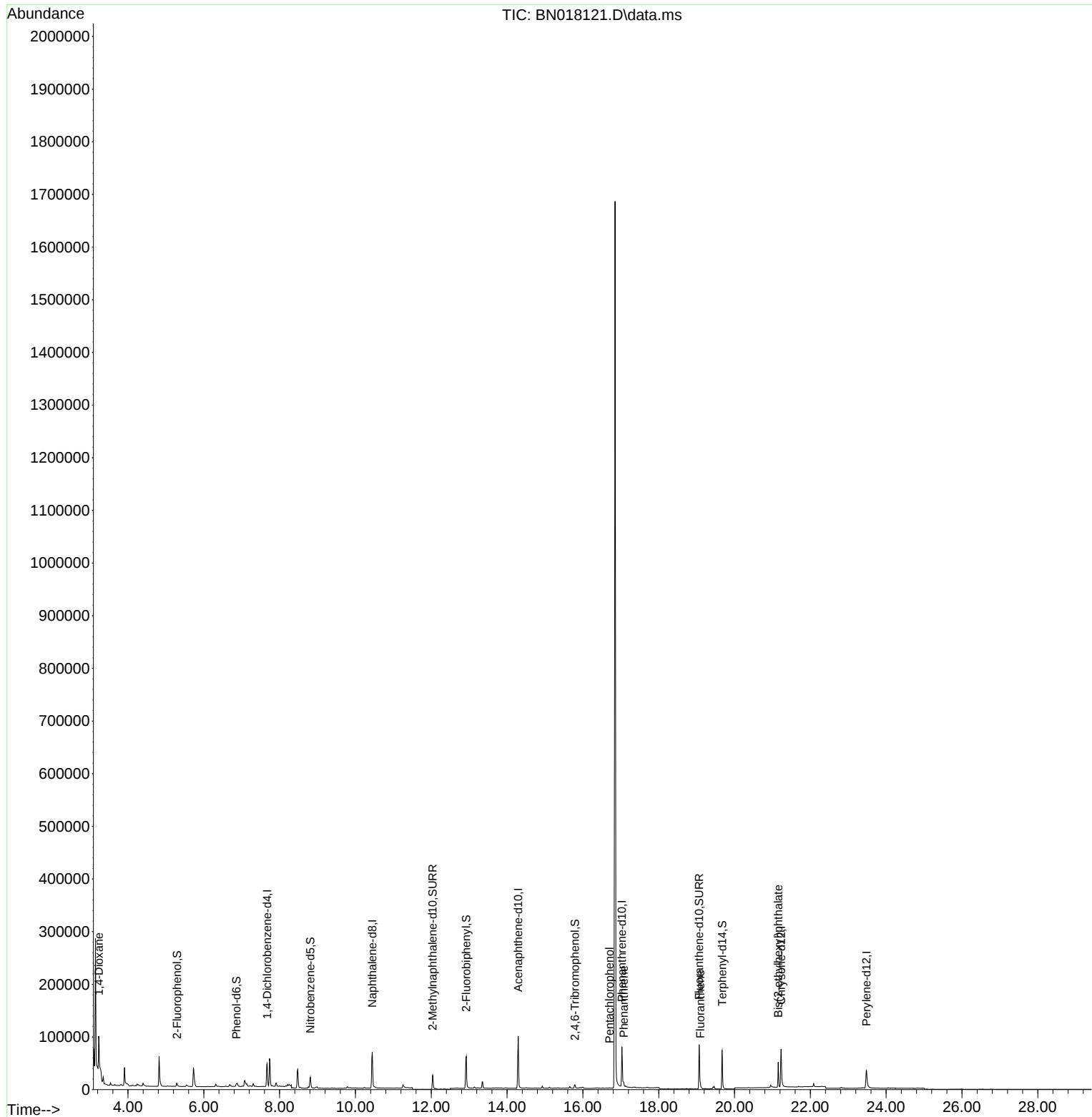
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	24403	0.400	ng	0.00
7) Naphthalene-d8	10.444	136	101076	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	61905	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	111441	0.400	ng	0.00
29) Chrysene-d12	21.227	240	89867	0.400	ng	0.00
35) Perylene-d12	23.477	264	62263	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	6817	0.129	ng	0.02
5) Phenol-d6	6.858	99	4605	0.087	ng	0.00
8) Nitrobenzene-d5	8.809	82	19843	0.277	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	43300	0.258	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	6995	0.367	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	67396	0.312	ng	0.00
27) Fluoranthene-d10	19.068	212	112509	0.302	ng	0.00
31) Terphenyl-d14	19.673	244	88871	0.475	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.235	88	43550	2.863	ng	# 55
24) Pentachlorophenol	16.701	266	380	0.261	ng	97
25) Phenanthrene	17.078	178	9869	0.035	ng	# 95
28) Fluoranthene	19.097	202	7189	0.020	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.153	149	40709	0.307	ng	99

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

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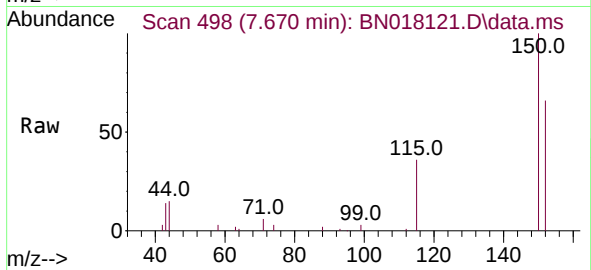
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 20 14:16:44 2021
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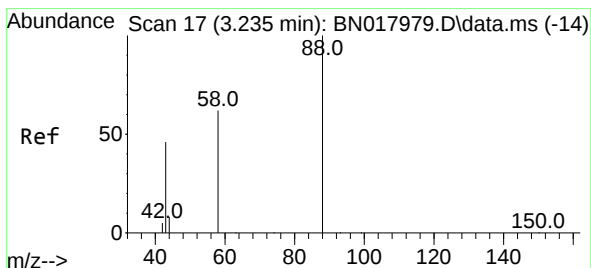
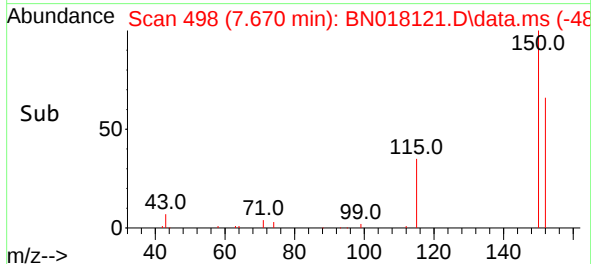
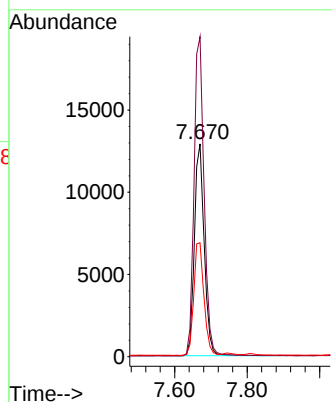


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 49
Delta R.T. -0.000 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22

Instrument :
BNA_N
ClientSampleId :
GWBR3D-G-115-140-121621-FD

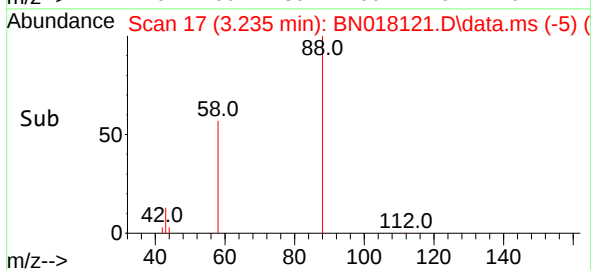
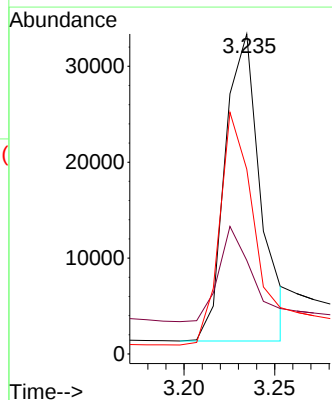
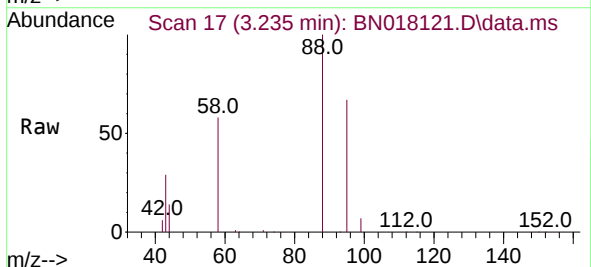


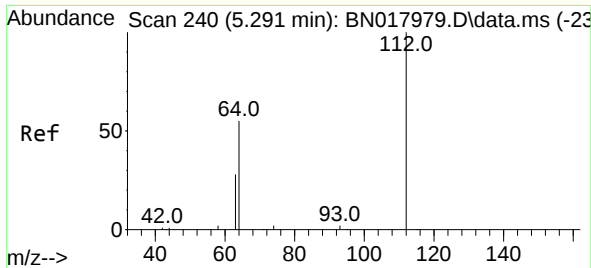
Tgt Ion:152 Resp: 24403
Ion Ratio Lower Upper
152 100
150 150.4 121.7 182.5
115 53.5 43.8 65.8



#2
1,4-Dioxane
Concen: 2.863 ng
RT: 3.235 min Scan# 17
Delta R.T. 0.009 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22

Tgt Ion: 88 Resp: 43550
Ion Ratio Lower Upper
88 100
43 29.1 69.7 104.5#
58 74.5 83.8 125.8#

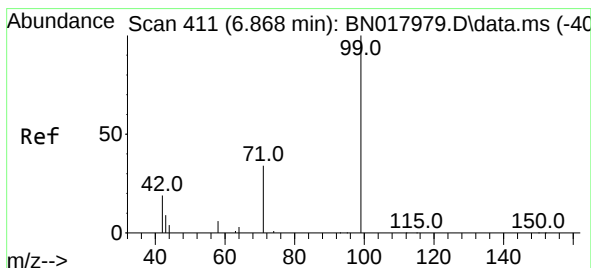
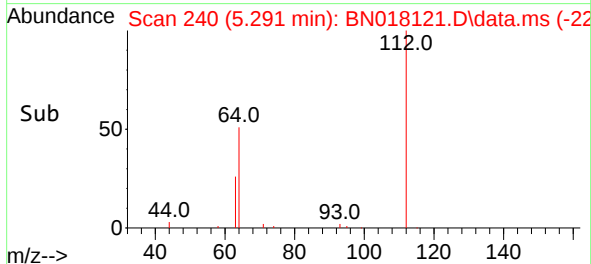
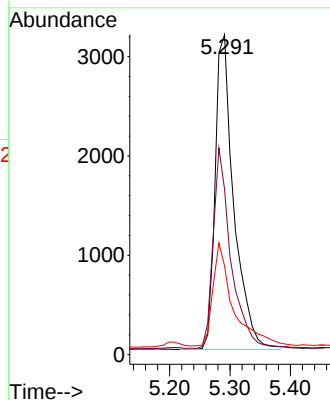
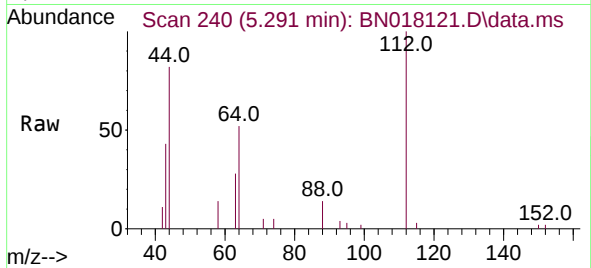




#4
2-Fluorophenol
Concen: 0.129 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.018 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22

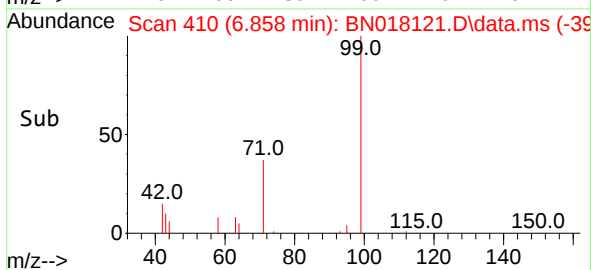
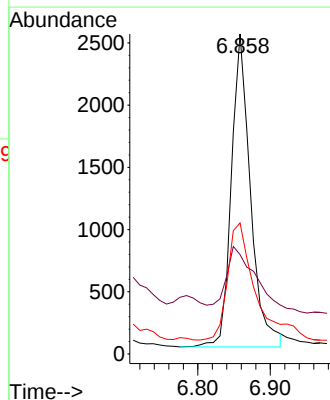
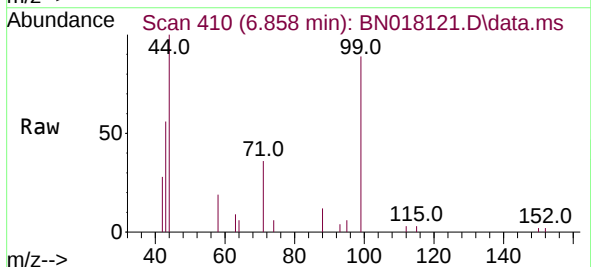
Instrument :
BNA_N
ClientSampleId :
GWB3D-G-115-140-121621-FD

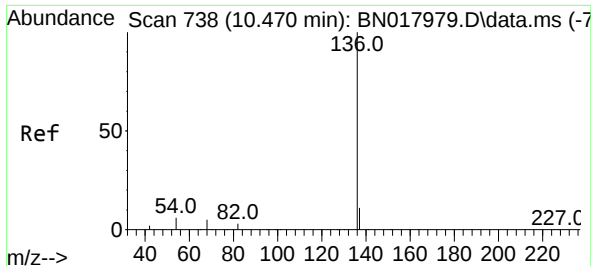
Tgt Ion:	112	Resp:	6817
Ion	Ratio	Lower	Upper
112	100		
64	60.5	48.0	72.0
63	34.9	25.3	37.9



#5
Phenol-d6
Concen: 0.087 ng
RT: 6.858 min Scan# 410
Delta R.T. 0.009 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22

Tgt Ion:	99	Resp:	4605
Ion	Ratio	Lower	Upper
99	100		
42	24.7	16.3	24.5#
71	50.8	26.8	40.2#

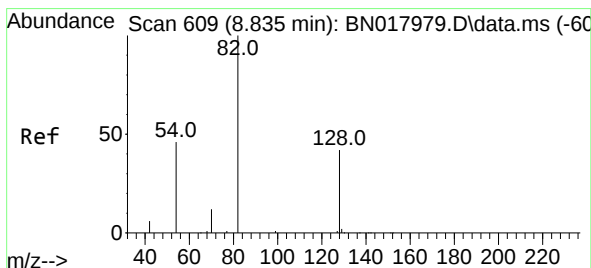
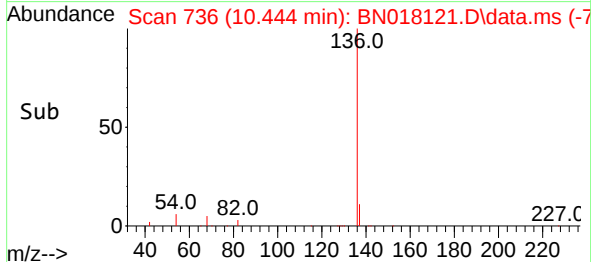
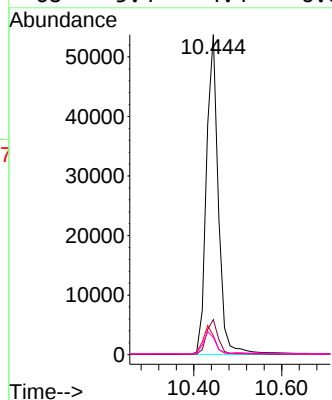
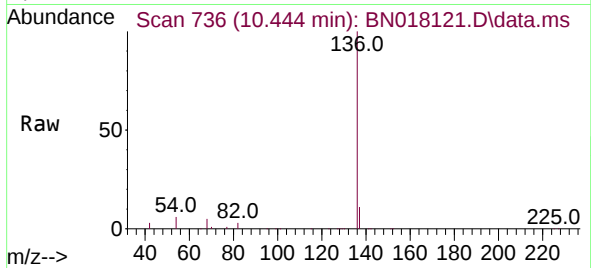




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.444 min Scan# 71
Delta R.T. -0.001 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22

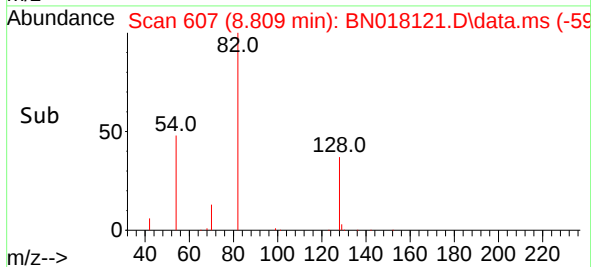
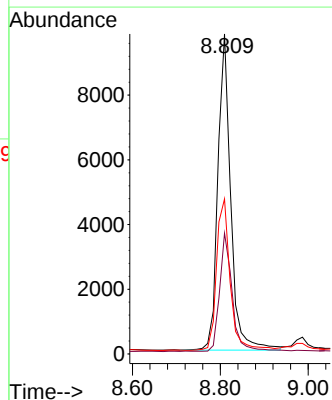
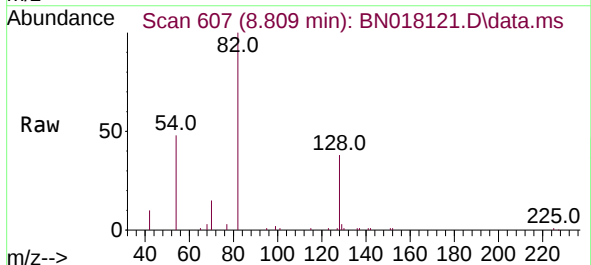
Instrument :
BNA_N
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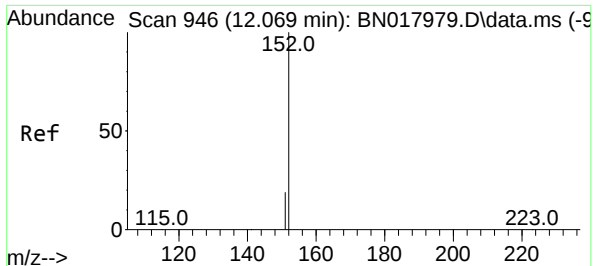
Tgt Ion:136 Resp: 101076
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.0 5.0 7.6
68 5.4 4.4 6.6



#8
Nitrobenzene-d5
Concen: 0.277 ng
RT: 8.809 min Scan# 607
Delta R.T. -0.000 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22

Tgt Ion: 82 Resp: 19843
Ion Ratio Lower Upper
82 100
128 37.7 33.7 50.5
54 48.4 36.6 55.0





#11

2-Methylnaphthalene-d10

Concen: 0.258 ng

RT: 12.038 min Scan# 91

Delta R.T. -0.001 min

Lab File: BN018121.D

Acq: 20 Dec 2021 14:22

Instrument :

BNA_N

ClientSampleId :

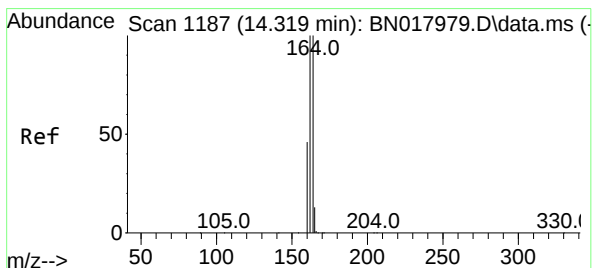
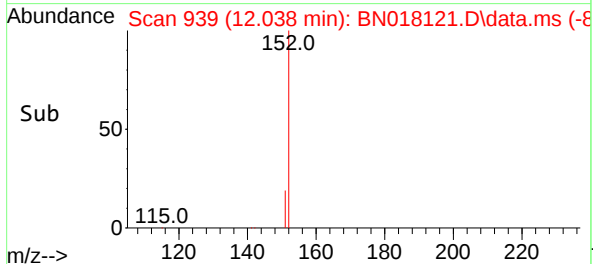
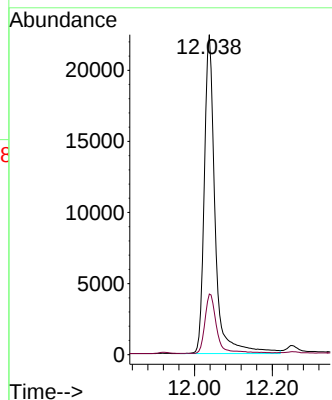
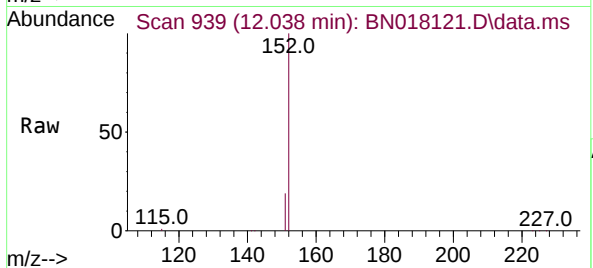
GWBR3D-G-115-140-121621-FD

Tgt Ion:152 Resp: 43300

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.294 min Scan# 1185

Delta R.T. -0.001 min

Lab File: BN018121.D

Acq: 20 Dec 2021 14:22

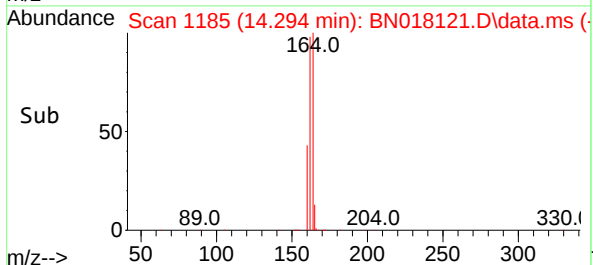
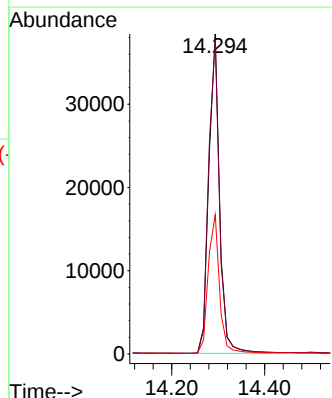
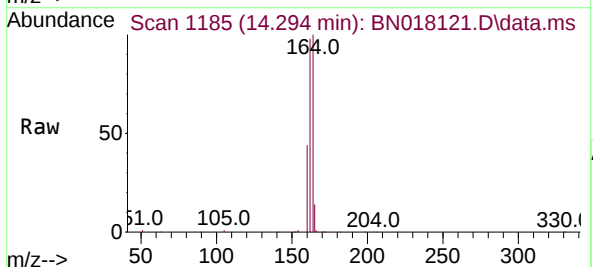
Tgt Ion:164 Resp: 61905

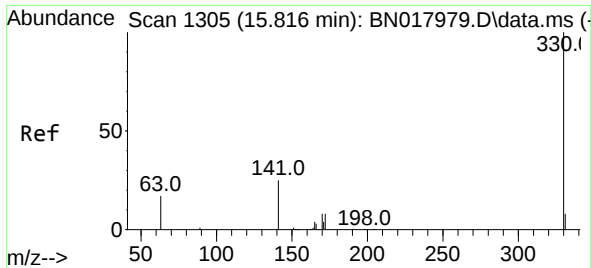
Ion Ratio Lower Upper

164 100

162 98.1 80.2 120.2

160 43.5 36.9 55.3

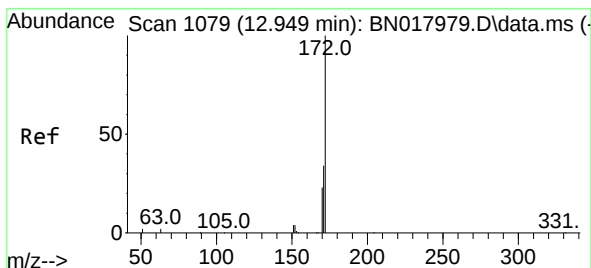
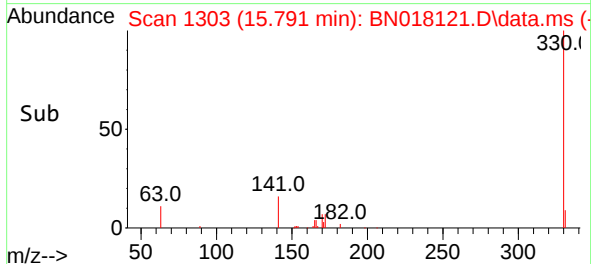
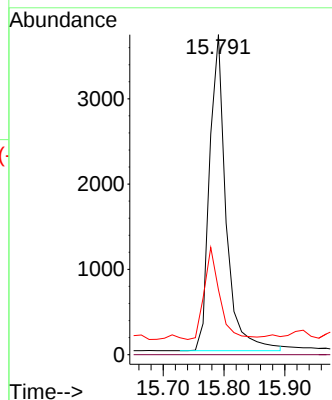
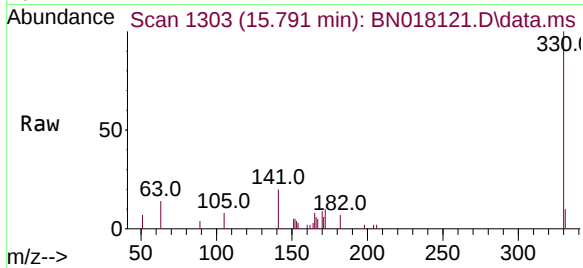




#14
2,4,6-Tribromophenol
Concen: 0.367 ng
RT: 15.791 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22

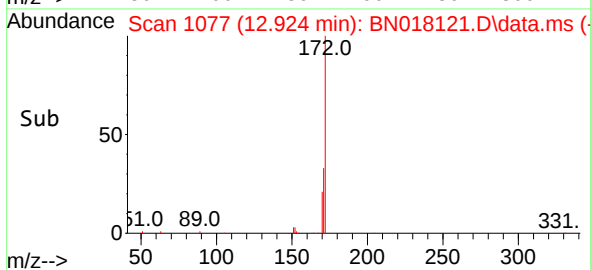
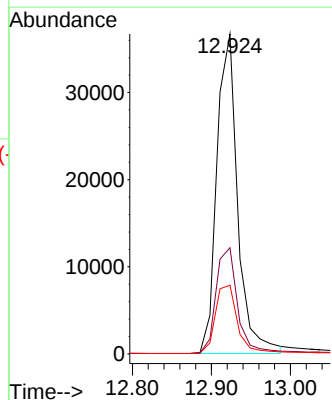
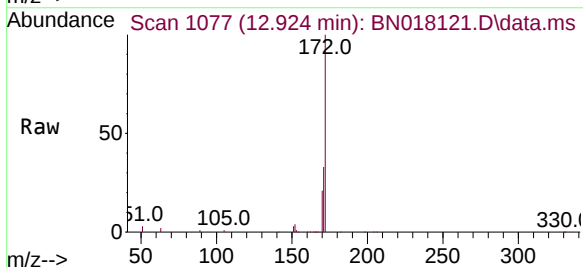
Instrument :
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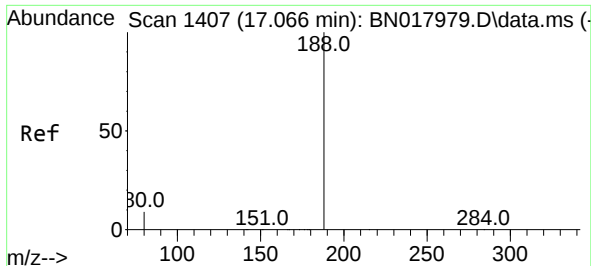
Tgt Ion:330 Resp: 6995
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 27.6 21.3 31.9



#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22

Tgt Ion:172 Resp: 67396
Ion Ratio Lower Upper
172 100
171 33.2 27.4 41.0
170 21.5 18.4 27.6

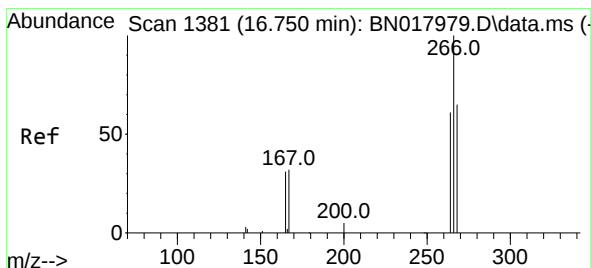
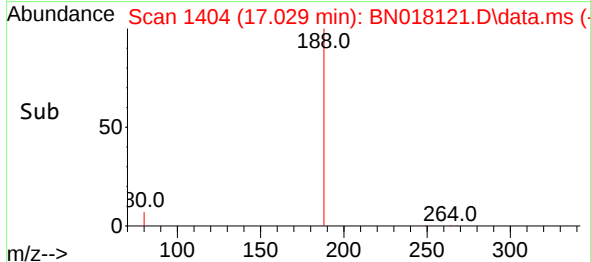
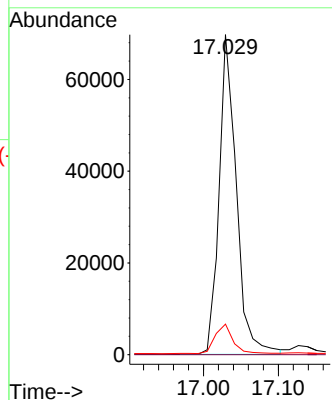
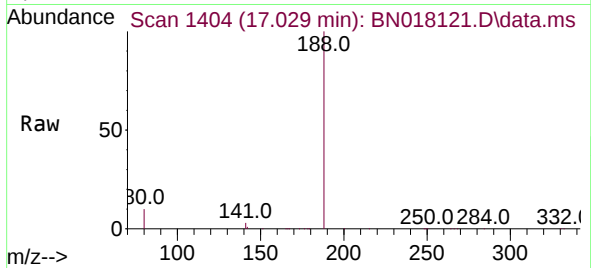




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22

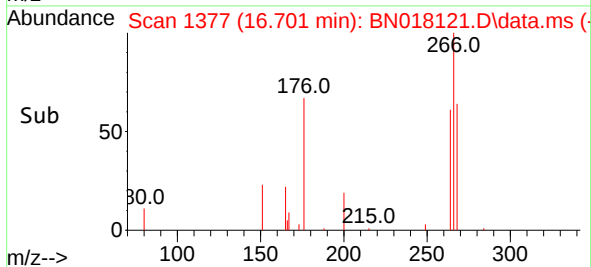
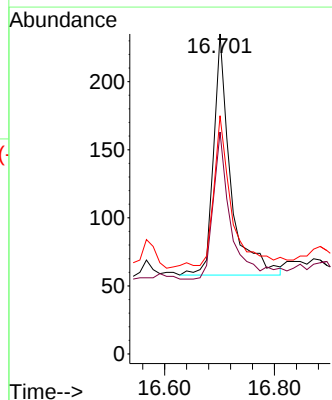
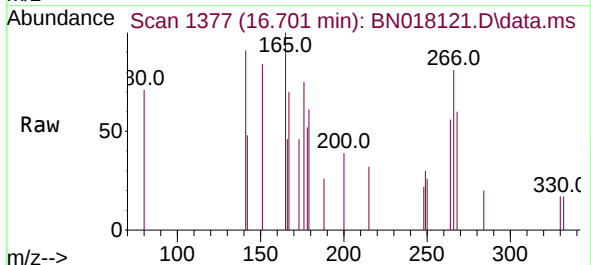
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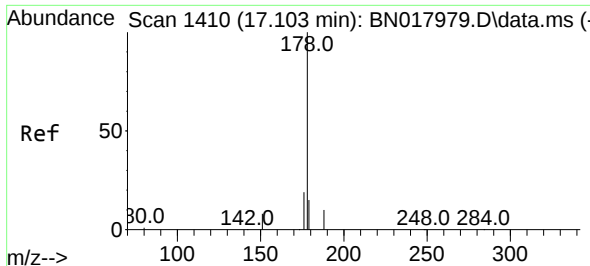
Tgt Ion:188 Resp: 111441
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 7.0 10.4



#24
Pentachlorophenol
Concen: 0.261 ng
RT: 16.701 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22

Tgt Ion:266 Resp: 380
Ion Ratio Lower Upper
266 100
264 65.8 49.5 74.3
268 63.9 50.6 76.0

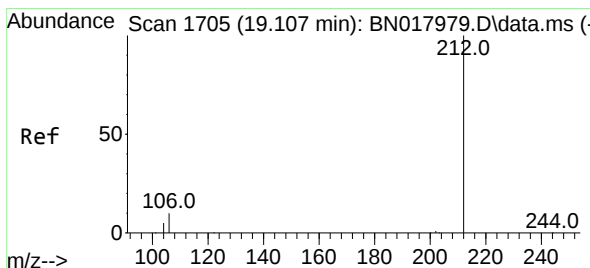
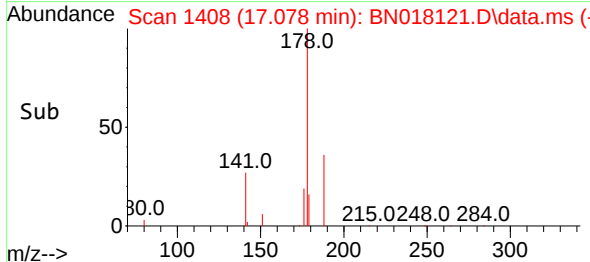
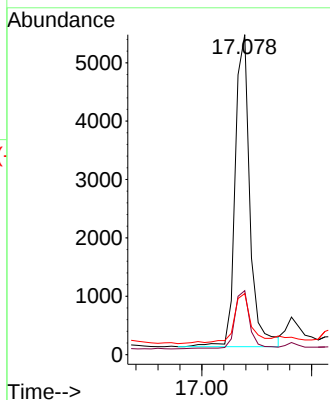
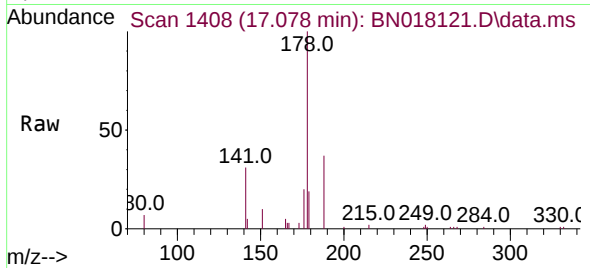




#25
Phenanthrene
Concen: 0.035 ng
RT: 17.078 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22

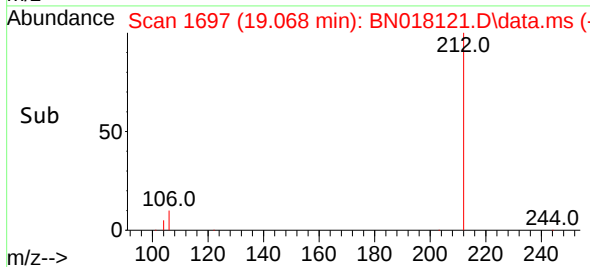
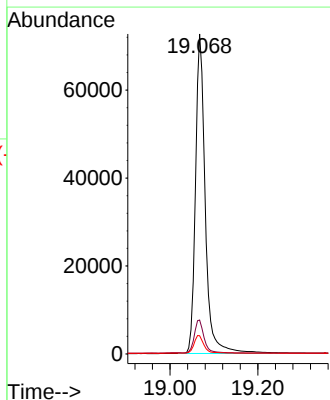
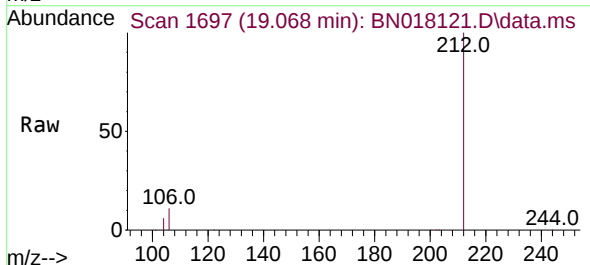
Instrument :
BNA_N
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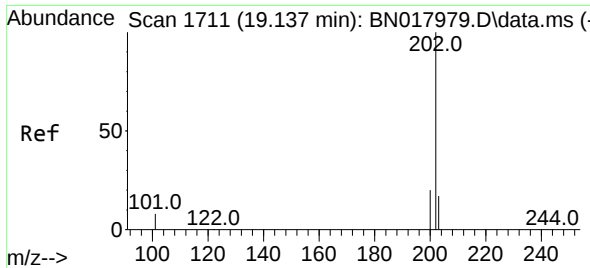
Tgt Ion:178	Resp:	9869
Ion Ratio	Lower	Upper
178	100	
176	19.5	15.3 22.9
179	19.6	12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.302 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22

Tgt Ion:212	Resp:	112509
Ion Ratio	Lower	Upper
212	100	
106	10.6	8.4 12.6
104	5.7	4.5 6.7

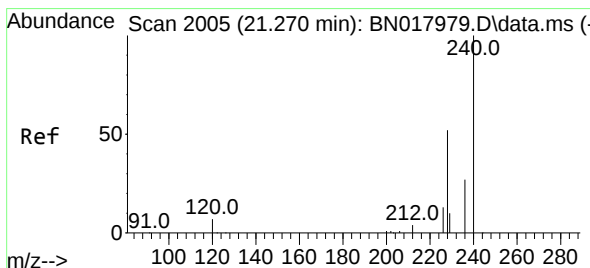
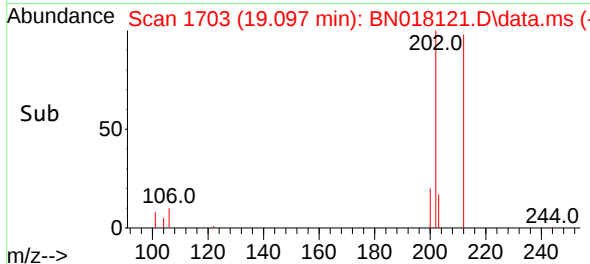
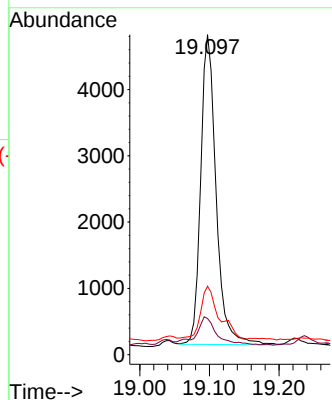
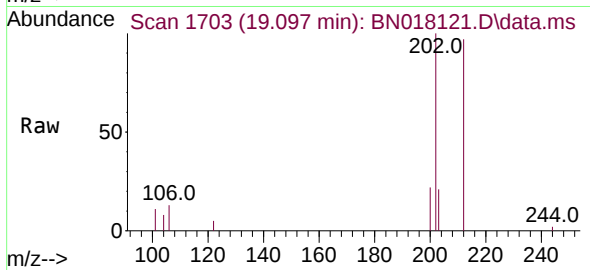




#28
 Fluoranthene
 Concen: 0.020 ng
 RT: 19.097 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN018121.D
 Acq: 20 Dec 2021 14:22

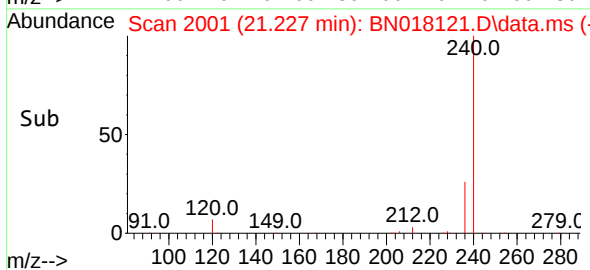
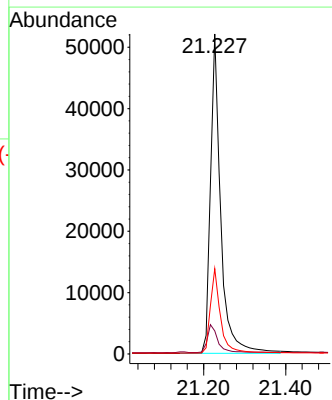
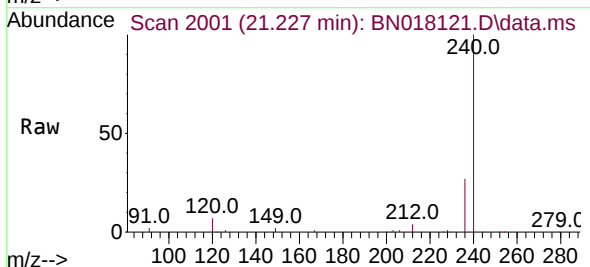
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-G-115-140-121621-FD

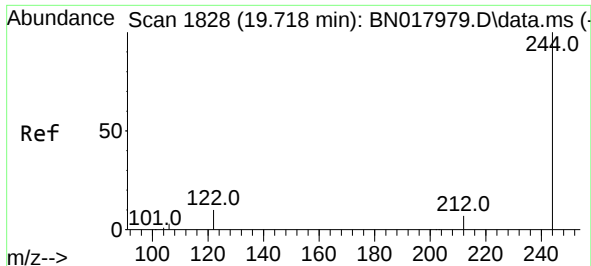
Tgt Ion:202 Resp: 7189
 Ion Ratio Lower Upper
 202 100
 101 12.1 7.2 10.8#
 203 22.2 13.7 20.5#



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.227 min Scan# 2001
 Delta R.T. -0.001 min
 Lab File: BN018121.D
 Acq: 20 Dec 2021 14:22

Tgt Ion:240 Resp: 89867
 Ion Ratio Lower Upper
 240 100
 120 7.2 6.0 9.0
 236 26.6 21.4 32.2

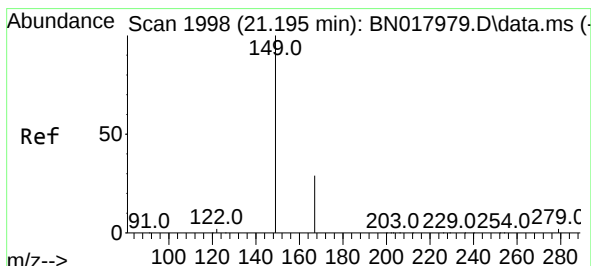
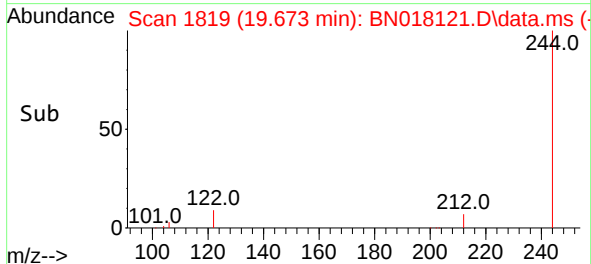
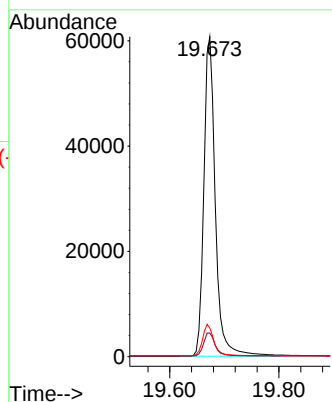
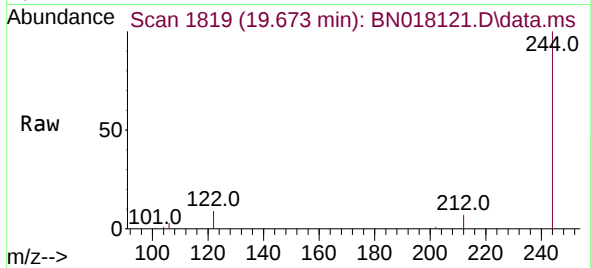




#31
 Terphenyl-d14
 Concen: 0.475 ng
 RT: 19.673 min Scan# 1828
 Delta R.T. -0.000 min
 Lab File: BN018121.D
 Acq: 20 Dec 2021 14:22

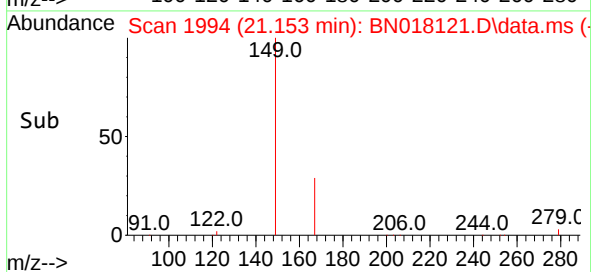
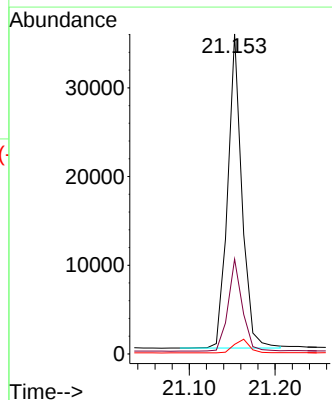
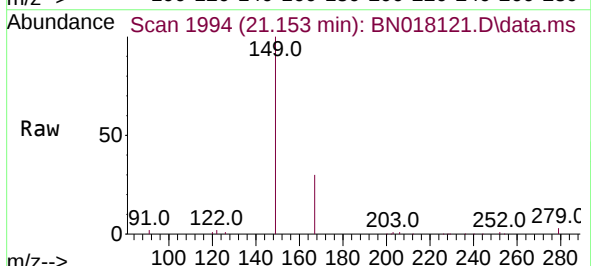
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-G-115-140-121621-FD

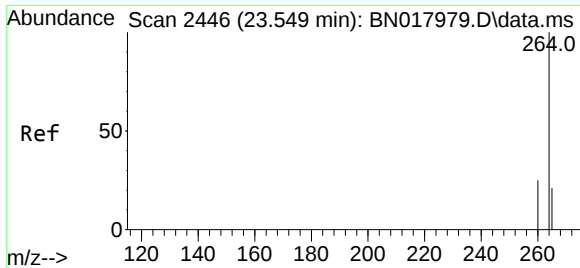
Tgt Ion:244 Resp: 88871
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.0 7.9 11.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.307 ng
 RT: 21.153 min Scan# 1994
 Delta R.T. -0.000 min
 Lab File: BN018121.D
 Acq: 20 Dec 2021 14:22

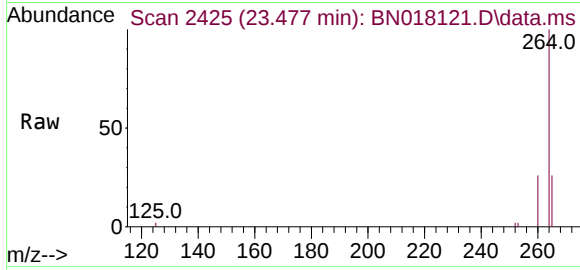
Tgt Ion:149 Resp: 40709
 Ion Ratio Lower Upper
 149 100
 167 29.2 23.7 35.5
 279 4.7 3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.477 min Scan# 24
Delta R.T. 0.003 min
Lab File: BN018121.D
Acq: 20 Dec 2021 14:22

Instrument :
BNA_N
ClientSampleId :
GWBR3D-G-115-140-121621-FD



Tgt Ion:264 Resp: 62263
Ion Ratio Lower Upper
264 100
260 25.6 20.2 30.4
265 26.3 18.2 27.2

