

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
 Data File : BN021438.D
 Acq On : 30 Aug 2022 02:21
 Operator : CG/JU
 Sample : N4280-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D2-20220817

Quant Time: Aug 30 02:49:54 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:30:43 2022
 Response via : Initial Calibration

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

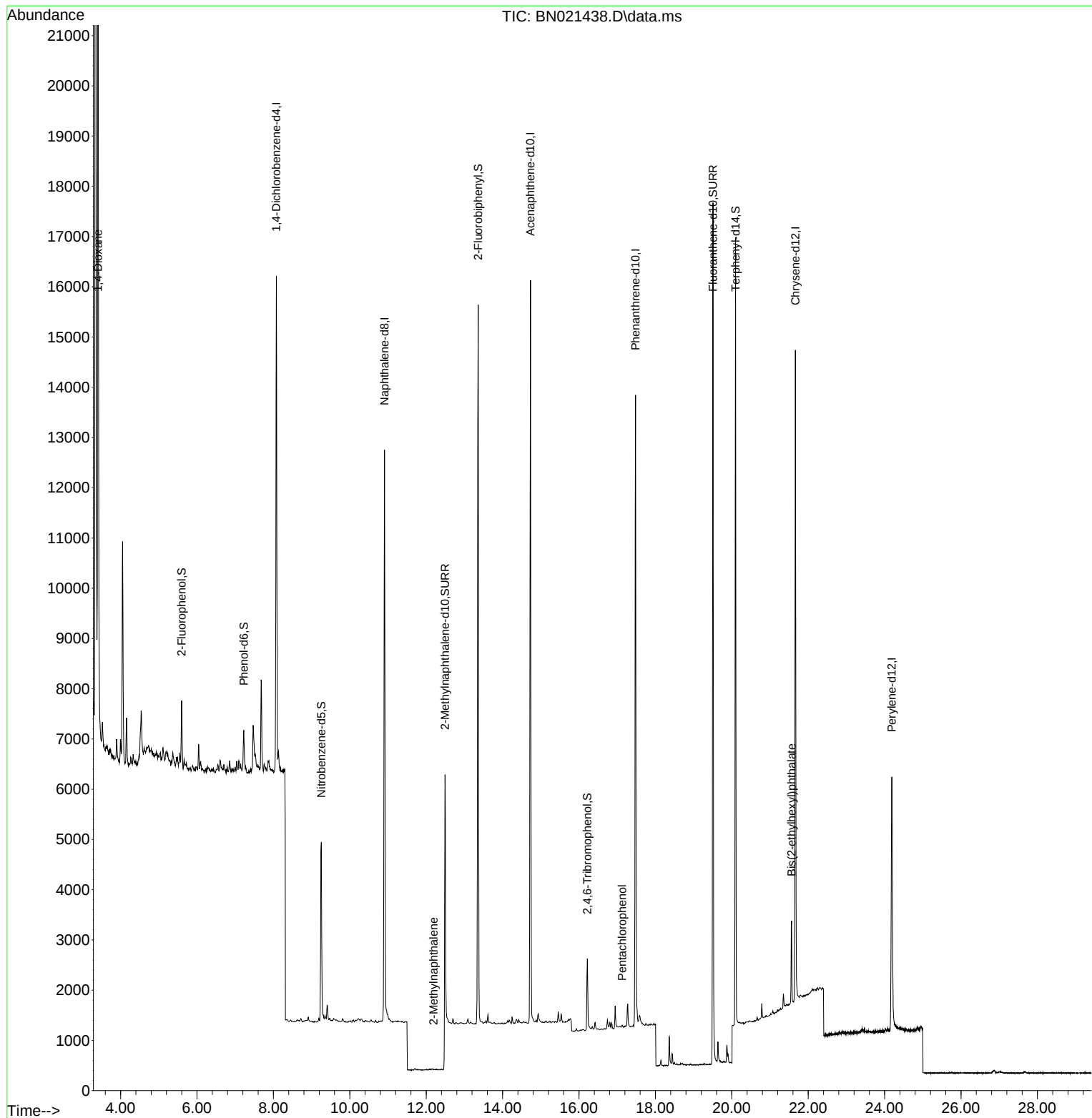
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	4753	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	15252	0.400	ng	0.00
13) Acenaphthene-d10	14.728	164	8205	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	17169	0.400	ng	0.00
29) Chrysene-d12	21.664	240	11809	0.400	ng	# 0.00
35) Perylene-d12	24.188	264	7984	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	1110	0.119	ng	0.00
5) Phenol-d6	7.224	99	754	0.064	ng	0.00
8) Nitrobenzene-d5	9.254	82	3372	0.327	ng	0.00
11) 2-Methylnaphthalene-d10	12.493	152	12509	0.364	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	847	0.314	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	12935	0.361	ng	0.00
27) Fluoranthene-d10	19.505	212	18186	0.412	ng	0.00
31) Terphenyl-d14	20.097	244	13103	0.494	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.410	88	15934	2.680	ng	# 90
12) 2-Methylnaphthalene	12.191	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.131	266	52	0.215	ng	# 69
34) Bis(2-ethylhexyl)phtha...	21.565	149	1794	0.108	ng	# 96

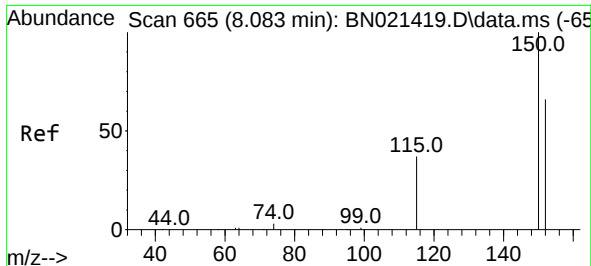
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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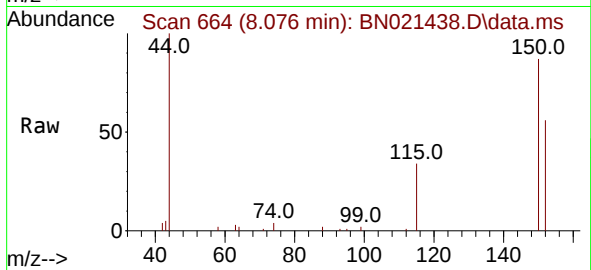
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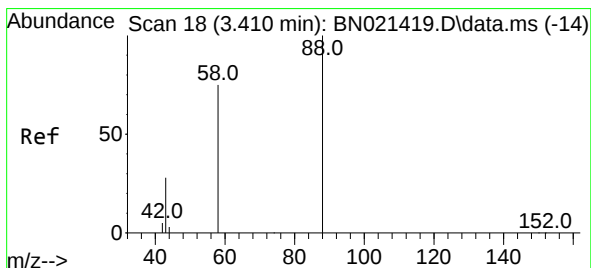
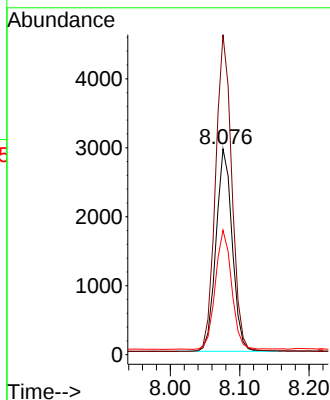
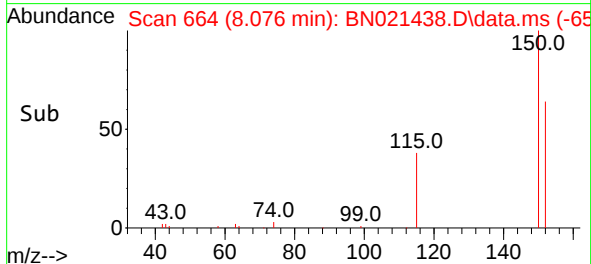


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.076 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: BN021438.D
 Acq: 30 Aug 2022 02:21

Instrument :
 BNA_N
 ClientSampleId :
 RE109D2-20220817

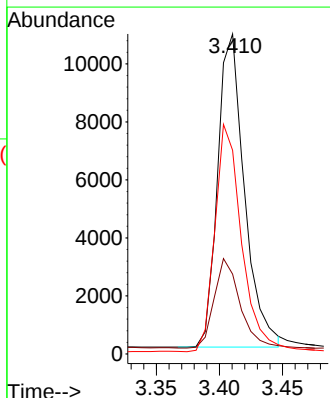
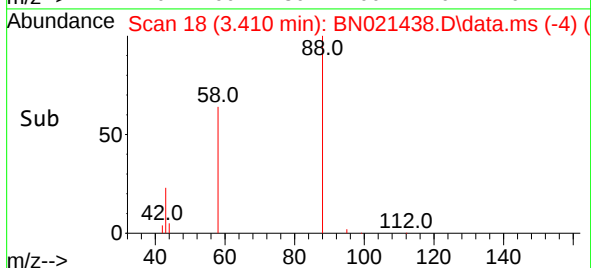
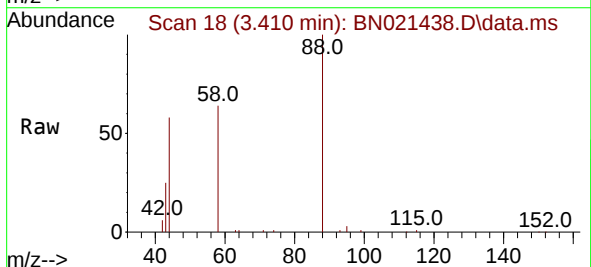


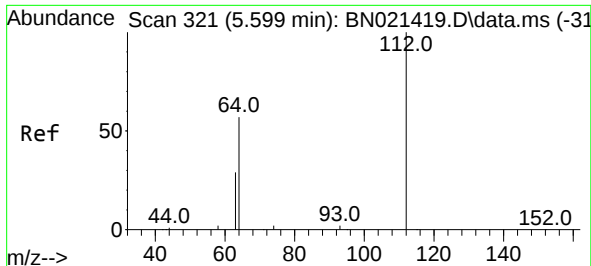
Tgt Ion:152 Resp: 4753
 Ion Ratio Lower Upper
 152 100
 150 155.6 121.4 182.0
 115 60.5 48.6 72.8



#2
 1,4-Dioxane
 Concen: 2.680 ng
 RT: 3.410 min Scan# 18
 Delta R.T. -0.000 min
 Lab File: BN021438.D
 Acq: 30 Aug 2022 02:21

Tgt Ion: 88 Resp: 15934
 Ion Ratio Lower Upper
 88 100
 43 27.6 35.8 53.8#
 58 71.7 57.1 85.7

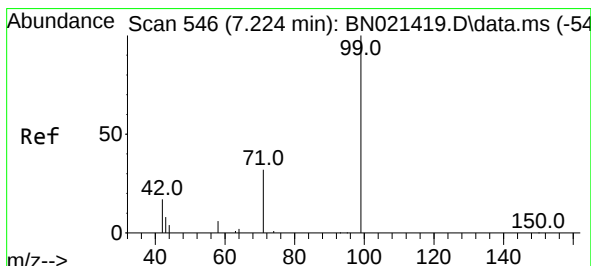
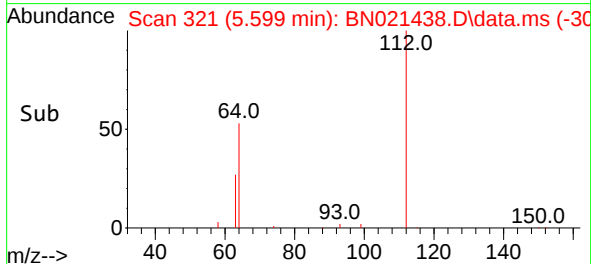
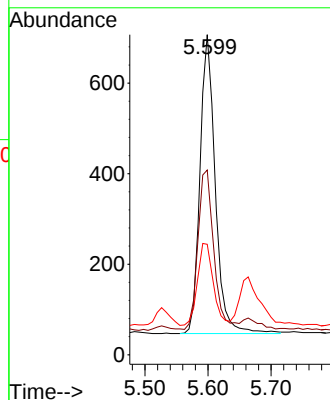
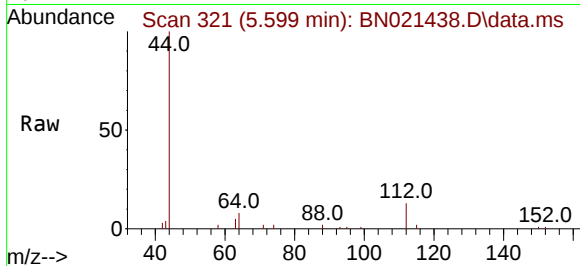




#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.599 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN021438.D
Acq: 30 Aug 2022 02:21

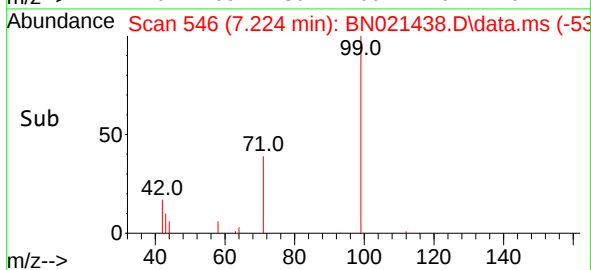
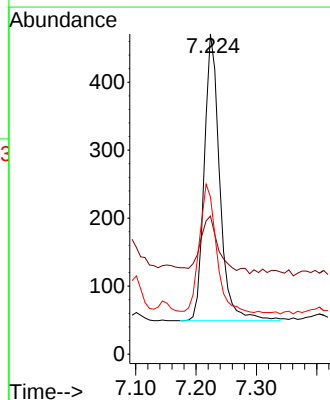
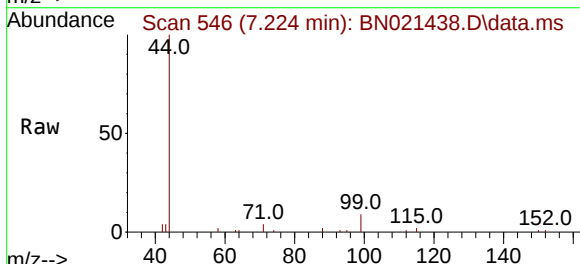
Instrument :
BNA_N
ClientSampleId :
RE109D2-20220817

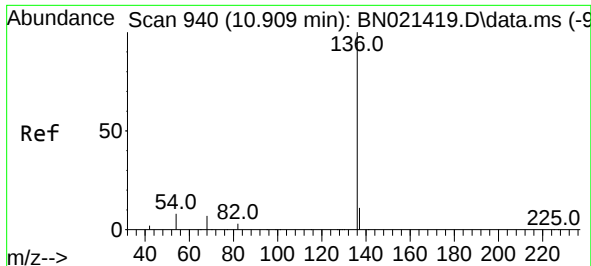
Tgt Ion:112 Resp: 1110
Ion Ratio Lower Upper
112 100
64 55.8 43.5 65.3
63 28.3 22.6 34.0



#5
Phenol-d6
Concen: 0.064 ng
RT: 7.224 min Scan# 546
Delta R.T. -0.000 min
Lab File: BN021438.D
Acq: 30 Aug 2022 02:21

Tgt Ion: 99 Resp: 754
Ion Ratio Lower Upper
99 100
42 24.1 15.5 23.3#
71 49.1 24.2 36.2#

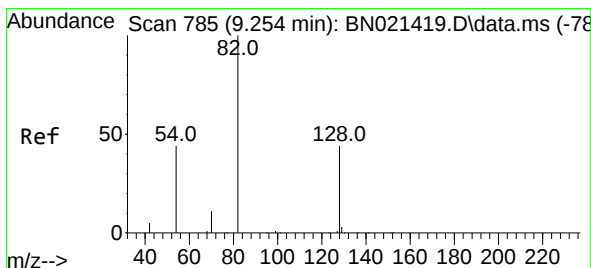
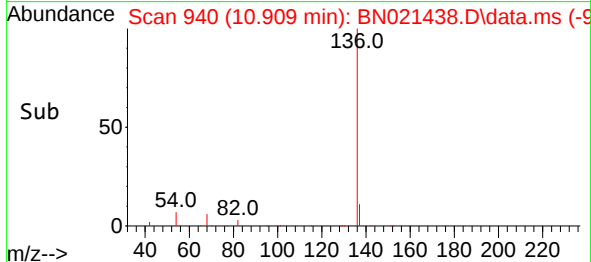
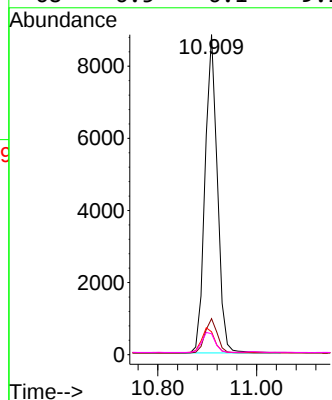
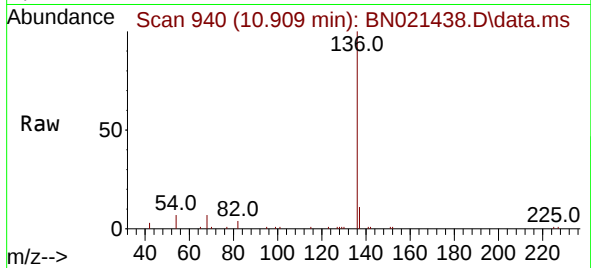




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021438.D
Acq: 30 Aug 2022 02:21

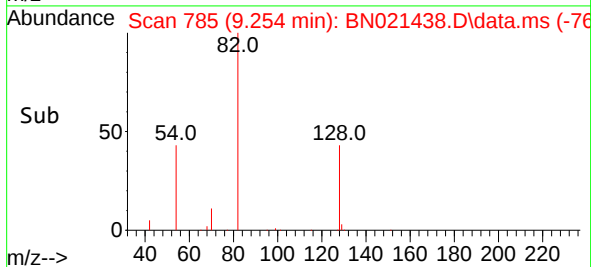
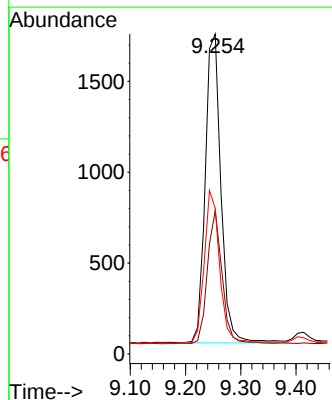
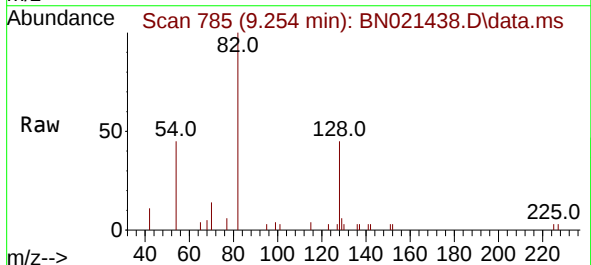
Instrument :
BNA_N
ClientSampleId :
RE109D2-20220817

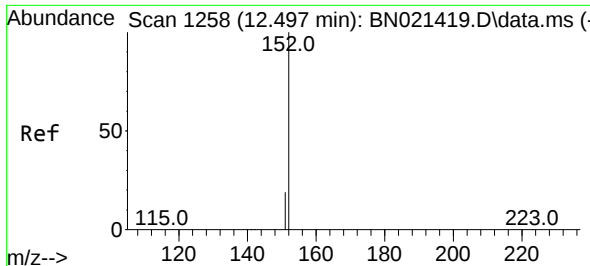
Tgt Ion:	136	Resp:	15252
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	7.2	6.9	10.3
68	6.5	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 9.254 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN021438.D
Acq: 30 Aug 2022 02:21

Tgt Ion:	82	Resp:	3372
Ion	Ratio	Lower	Upper
82	100		
128	44.9	30.9	46.3
54	45.4	42.7	64.1

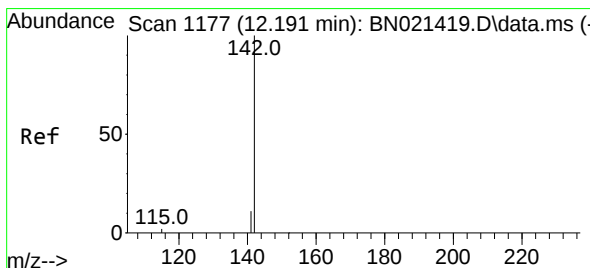
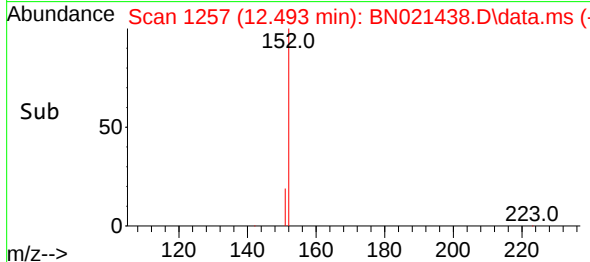
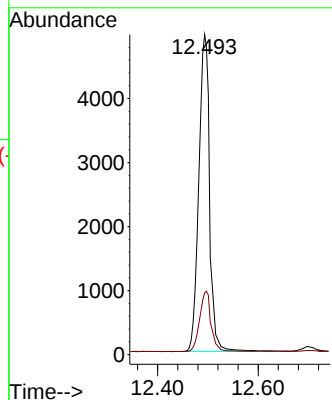
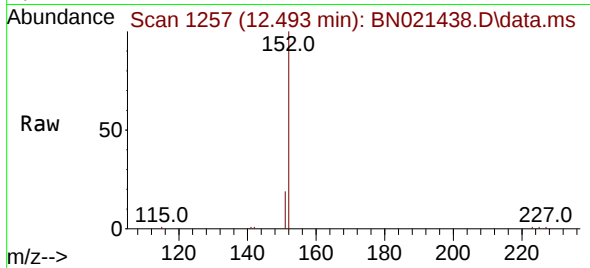




#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 12.493 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN021438.D
Acq: 30 Aug 2022 02:21

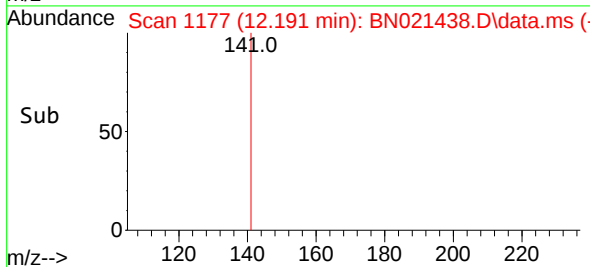
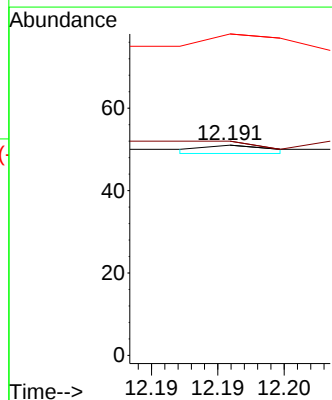
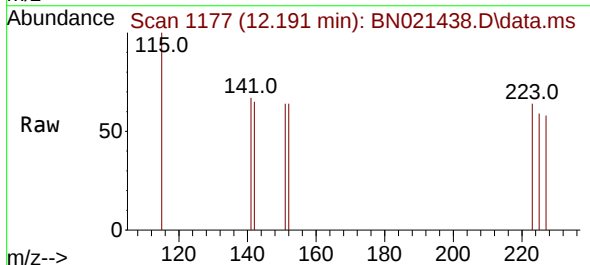
Instrument :
BNA_N
ClientSampleId :
RE109D2-20220817

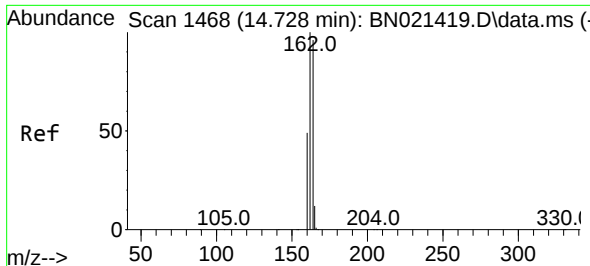
Tgt Ion:152 Resp: 12509
Ion Ratio Lower Upper
152 100
151 19.8 14.5 21.7



#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.191 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BN021438.D
Acq: 30 Aug 2022 02:21

Tgt Ion:142 Resp: 1
Ion Ratio Lower Upper
142 100
141 102.0 12.2 18.2#
115 152.9 7.9 11.9#

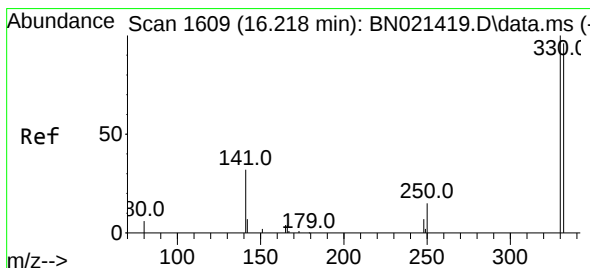
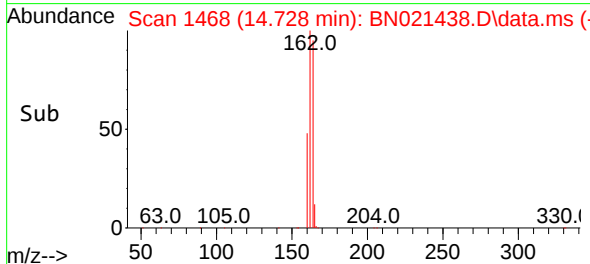
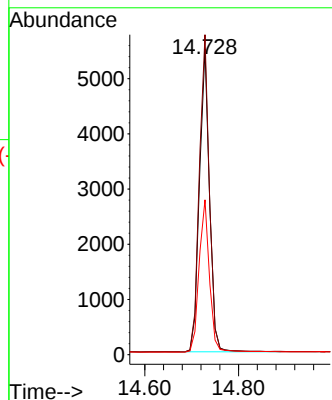
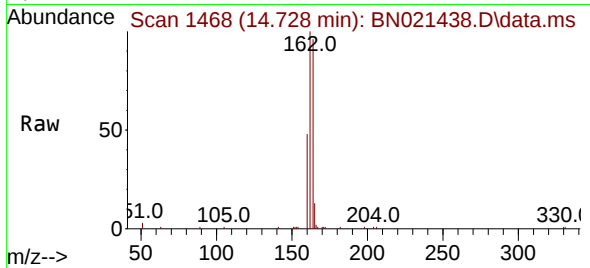




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BN021438.D
Acq: 30 Aug 2022 02:21

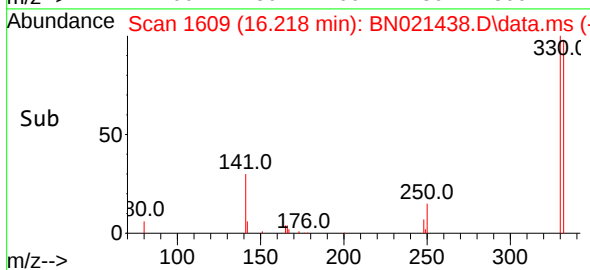
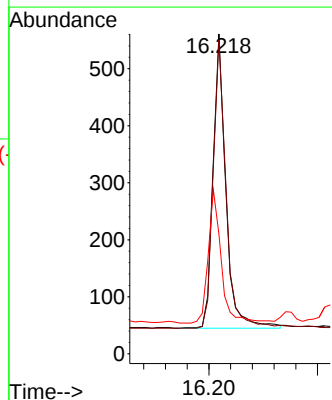
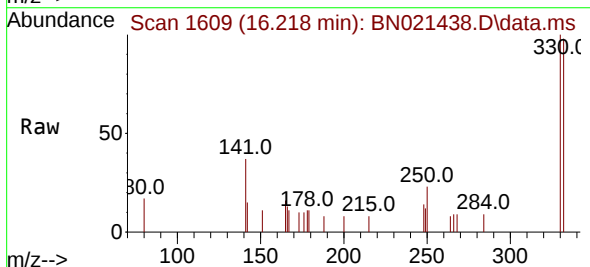
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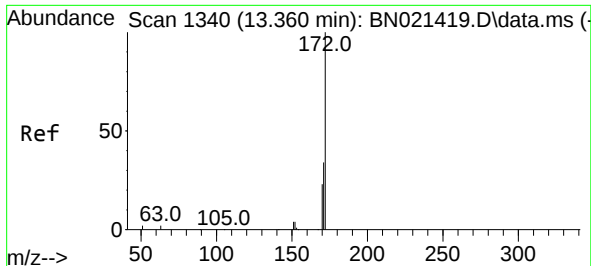
Tgt Ion:164 Resp: 8205
Ion Ratio Lower Upper
164 100
162 104.7 82.2 123.4
160 50.7 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.314 ng
RT: 16.218 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021438.D
Acq: 30 Aug 2022 02:21

Tgt Ion:330 Resp: 847
Ion Ratio Lower Upper
330 100
332 98.0 79.3 118.9
141 45.5 37.1 55.7

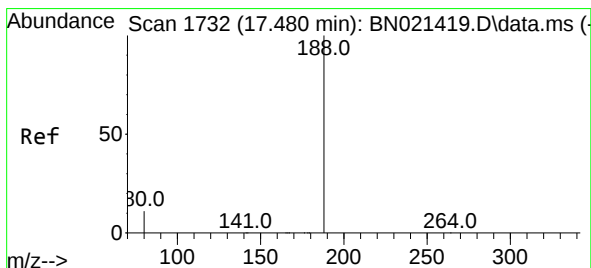
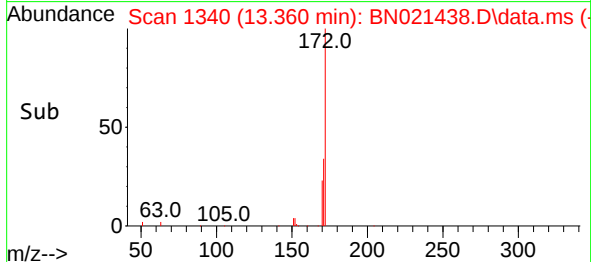
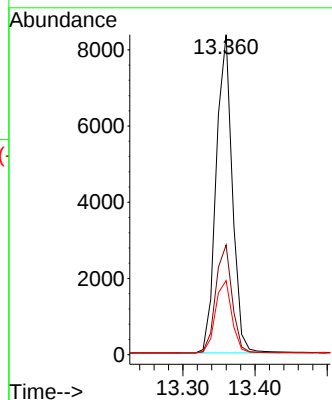
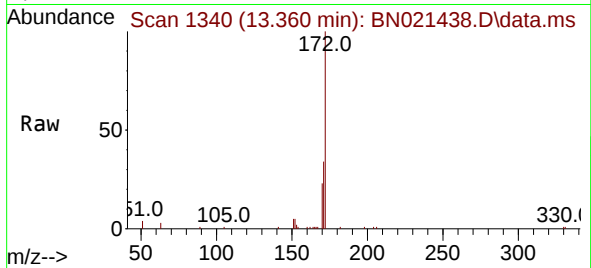




#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.360 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021438.D
Acq: 30 Aug 2022 02:21

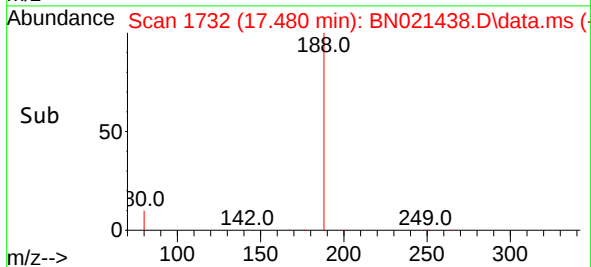
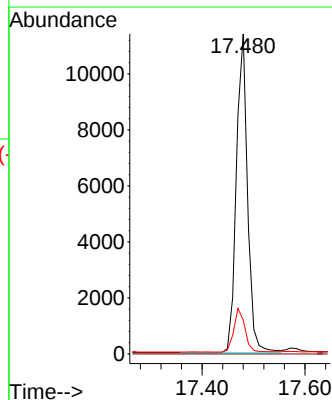
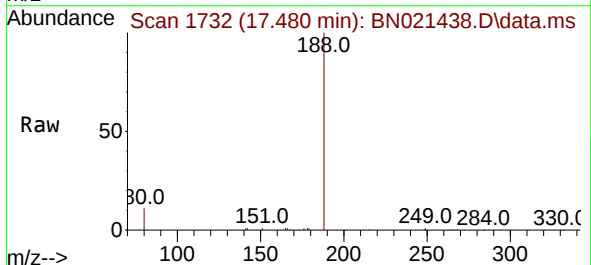
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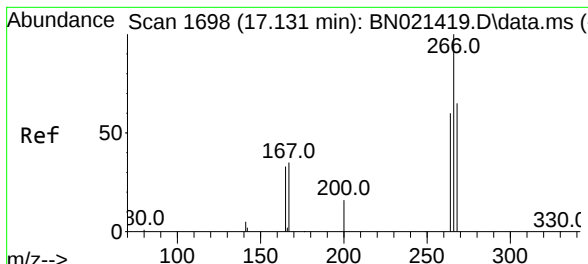
Tgt Ion:172 Resp: 12935
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 23.2 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN021438.D
Acq: 30 Aug 2022 02:21

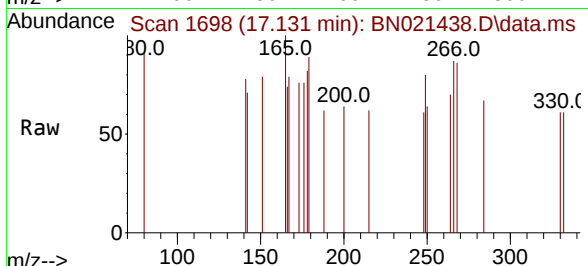
Tgt Ion:188 Resp: 17169
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 9.5 14.3



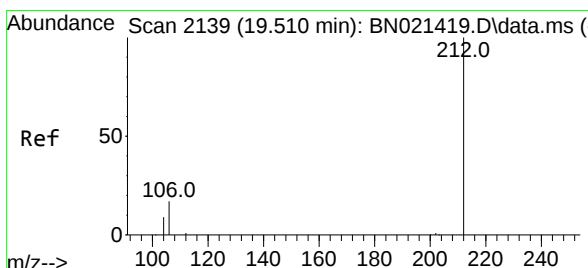
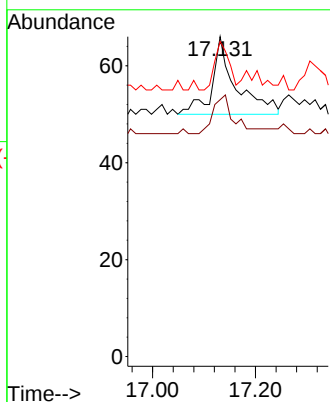
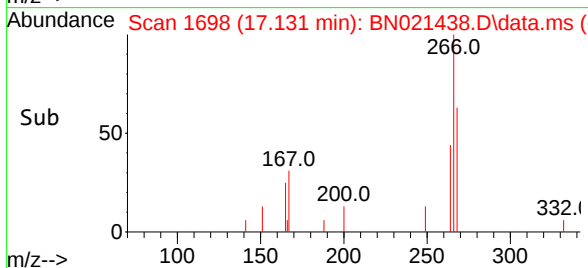


#24
 Pentachlorophenol
 Concen: 0.215 ng
 RT: 17.131 min Scan# 1698
 Delta R.T. 0.000 min
 Lab File: BN021438.D
 Acq: 30 Aug 2022 02:21

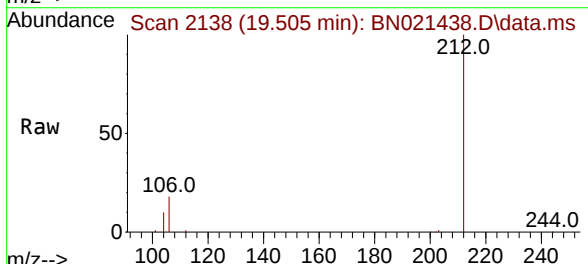
Instrument :
 BNA_N
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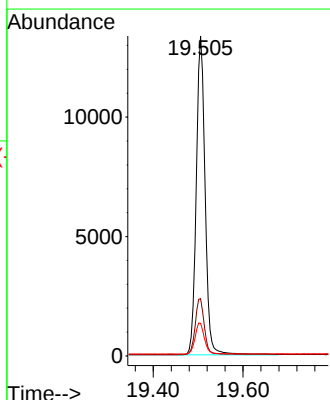
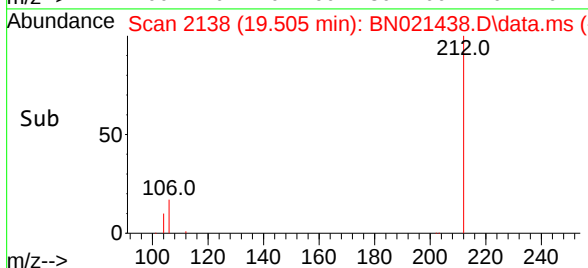
Tgt Ion:266 Resp: 52
 Ion Ratio Lower Upper
 266 100
 264 40.4 49.0 73.6#
 268 36.5 50.9 76.3#

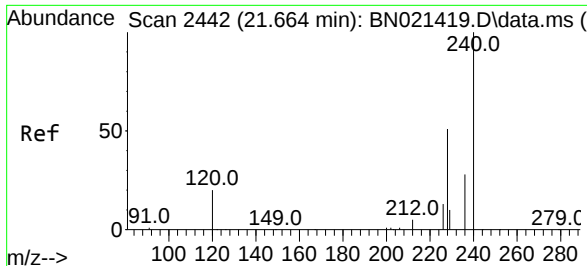


#27
 Fluoranthene-d10
 Concen: 0.412 ng
 RT: 19.505 min Scan# 2138
 Delta R.T. -0.004 min
 Lab File: BN021438.D
 Acq: 30 Aug 2022 02:21



Tgt Ion:212 Resp: 18186
 Ion Ratio Lower Upper
 212 100
 106 17.9 14.2 21.2
 104 10.3 7.8 11.6

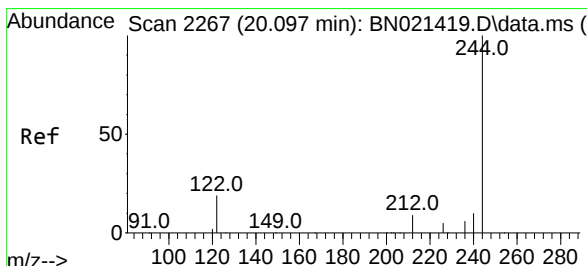
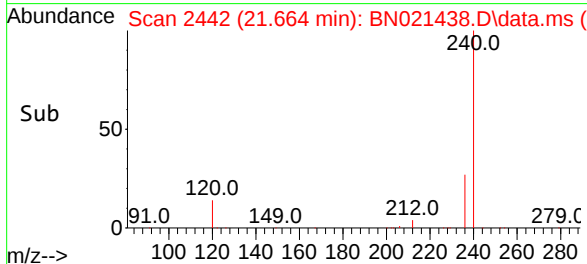
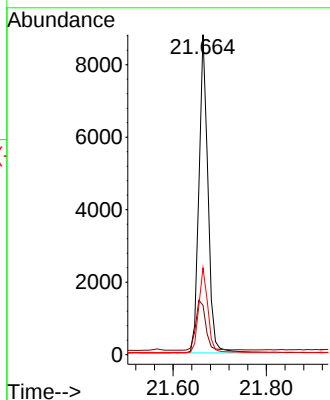
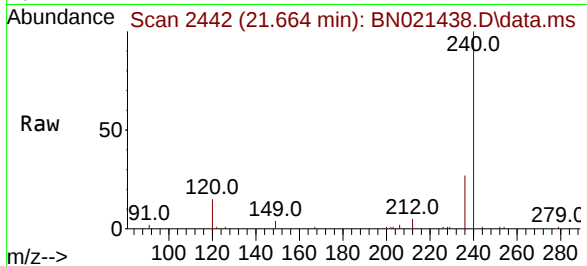




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN021438.D
Acq: 30 Aug 2022 02:21

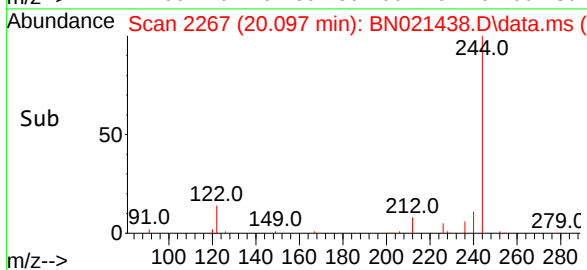
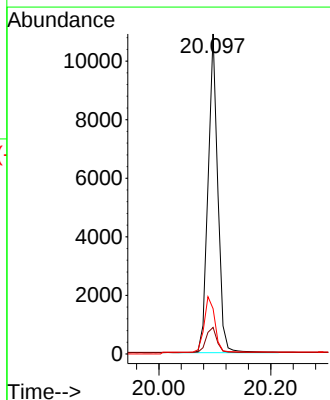
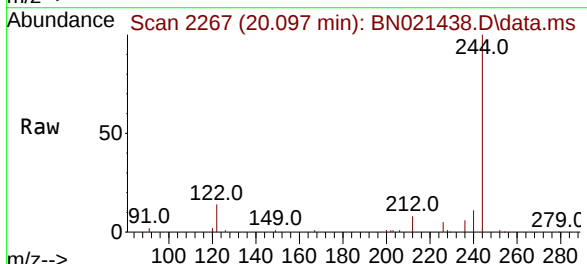
Instrument :
BNA_N
ClientSampleId :
RE109D2-20220817

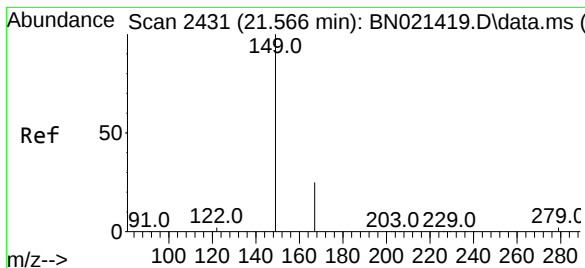
Tgt Ion:240 Resp: 11809
Ion Ratio Lower Upper
240 100
120 15.4 10.2 15.4#
236 27.2 22.1 33.1



#31
Terphenyl-d14
Concen: 0.494 ng
RT: 20.097 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BN021438.D
Acq: 30 Aug 2022 02:21

Tgt Ion:244 Resp: 13103
Ion Ratio Lower Upper
244 100
212 8.3 6.5 9.7
122 14.2 9.1 13.7#

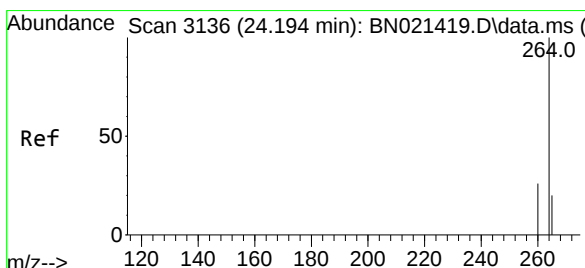
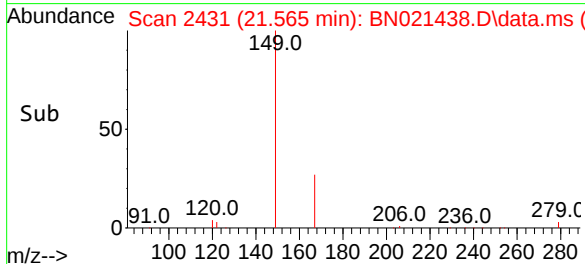
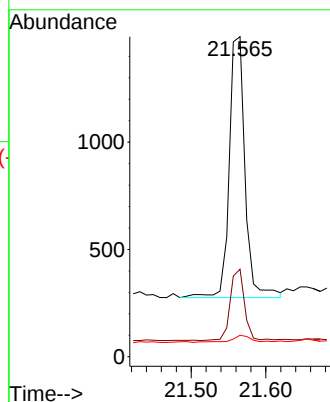
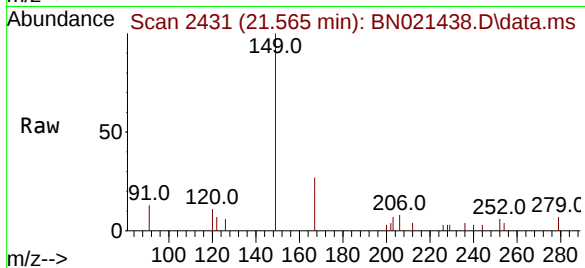




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.108 ng
 RT: 21.565 min Scan# 2431
 Delta R.T. -0.000 min
 Lab File: BN021438.D
 Acq: 30 Aug 2022 02:21

Instrument :
 BNA_N
 ClientSampleId :
 RE109D2-20220817

Tgt Ion:149 Resp: 1794
 Ion Ratio Lower Upper
 149 100
 167 24.9 21.4 32.0
 279 3.7 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.188 min Scan# 3134
 Delta R.T. -0.006 min
 Lab File: BN021438.D
 Acq: 30 Aug 2022 02:21

Tgt Ion:264 Resp: 7984
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.0 31.6
 265 37.4 32.2 48.2

