

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024328.D
 Acq On : 17 Mar 2023 01:30
 Operator : CG/JU
 Sample : 01843-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20230306

Quant Time: Mar 17 04:45:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 04:37:08 2023
 Response via : Initial Calibration

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

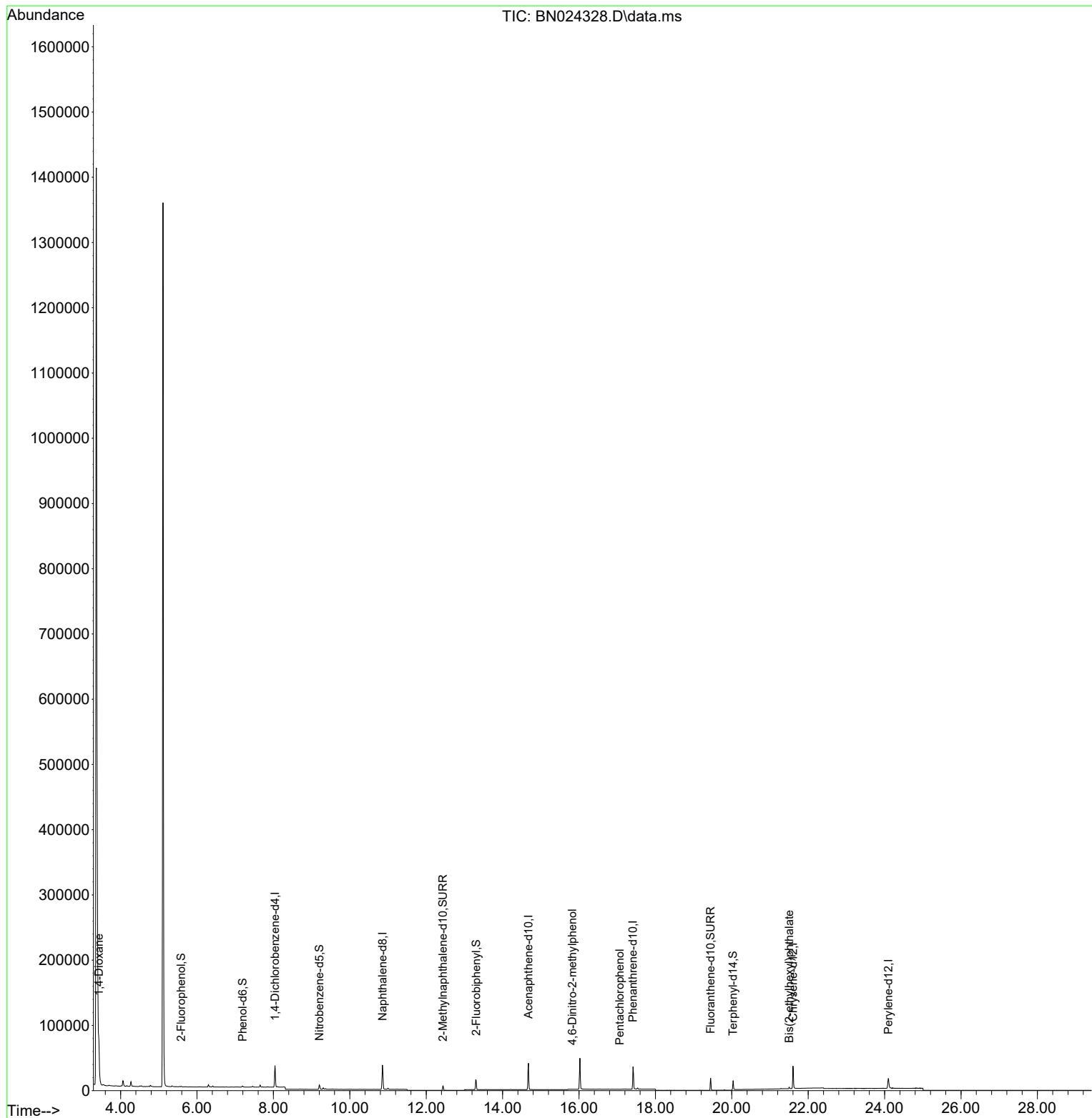
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	15835	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	46005	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	21777	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	45092	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	30804	0.400	ng	# 0.00
35) Perylene-d12	24.097	264	24088	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	787	0.022	ng	0.00
5) Phenol-d6	7.195	99	1349	0.030	ng	0.00
8) Nitrobenzene-d5	9.201	82	5593	0.182	ng	0.00
11) 2-Methylnaphthalene-d10	12.437	152	9291	0.164	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	30	0.003	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	13743	0.167	ng	0.00
27) Fluoranthene-d10	19.446	212	19060	0.199	ng	0.00
31) Terphenyl-d14	20.034	244	9802	0.189	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	24865	1.443	ng	Qvalue 96
20) 4,6-Dinitro-2-methylph...	15.824	198	12	0.180	ng	# 1
24) Pentachlorophenol	17.065	266	7	0.129	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.502	149	2076	0.043	ng	# 99

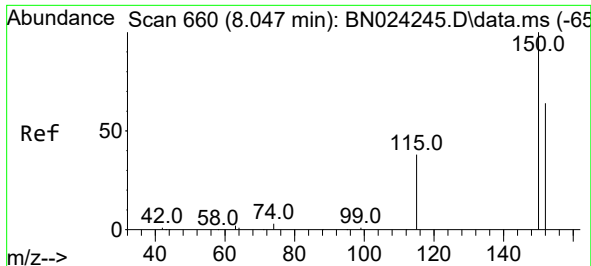
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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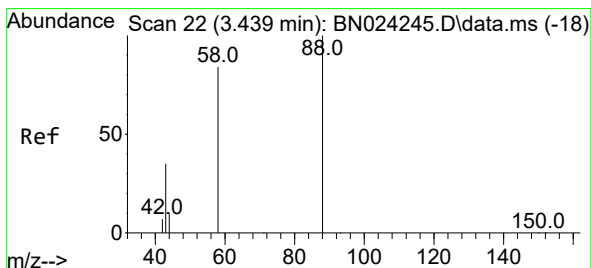
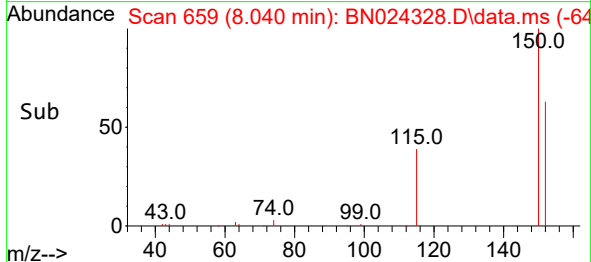
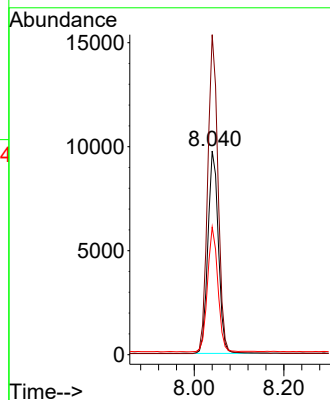
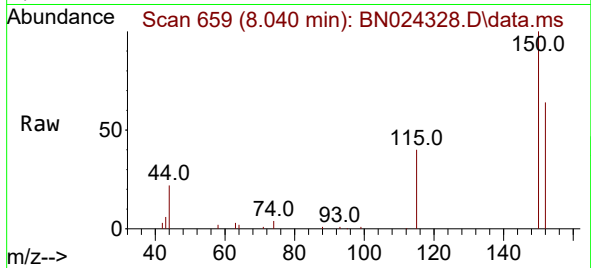




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024328.D
 Acq: 17 Mar 2023 01:30

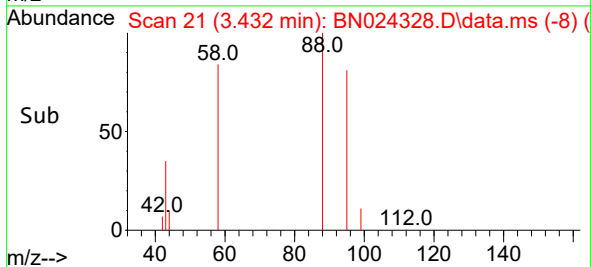
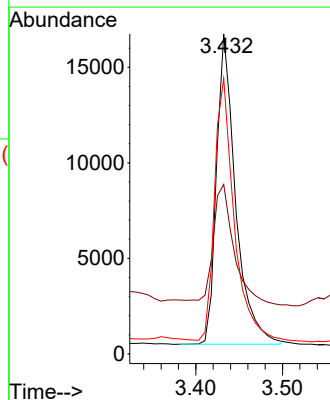
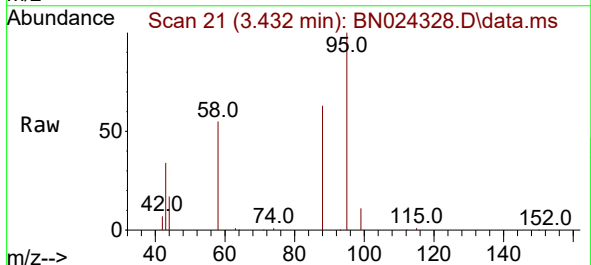
Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20230306

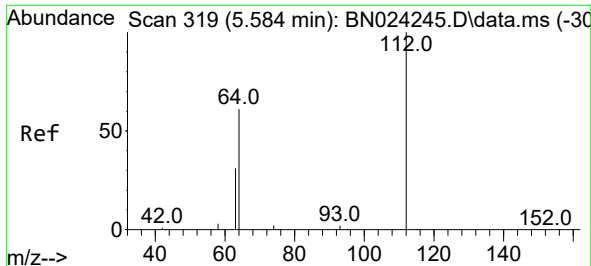
Tgt Ion:152 Resp: 15835
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.7 187.1
 115 62.7 49.1 73.7



#2
 1,4-Dioxane
 Concen: 1.443 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024328.D
 Acq: 17 Mar 2023 01:30

Tgt Ion: 88 Resp: 24865
 Ion Ratio Lower Upper
 88 100
 43 42.8 29.0 43.4
 58 85.5 67.3 100.9

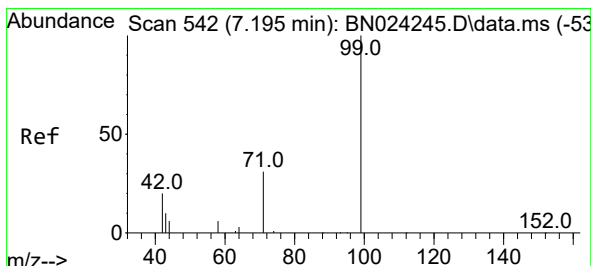
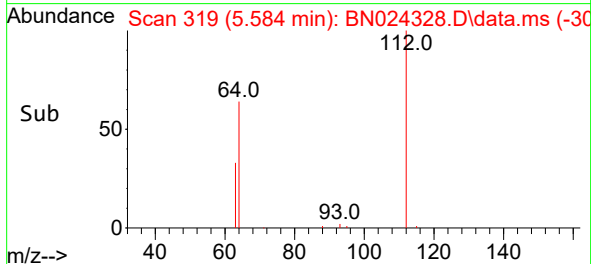
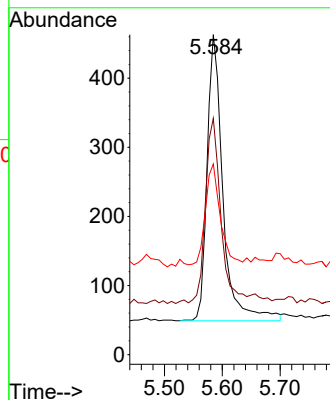
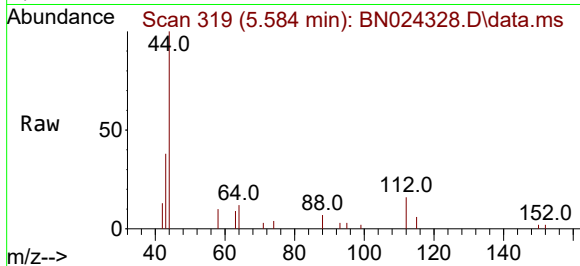




#4
2-Fluorophenol
Concen: 0.022 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

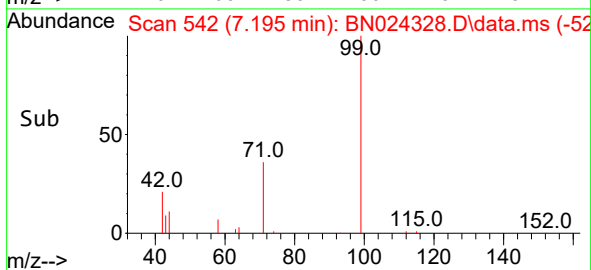
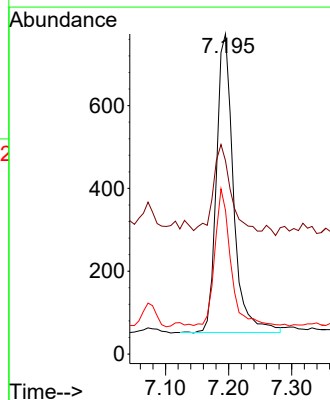
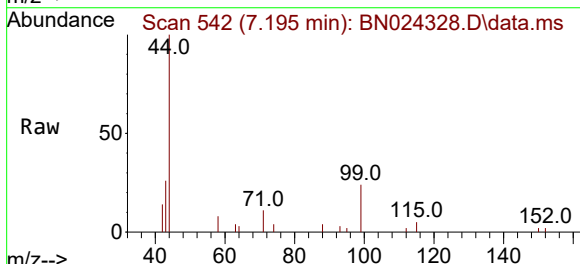
Instrument :
BNA_N
ClientSampleId :
RE132D7-20230306

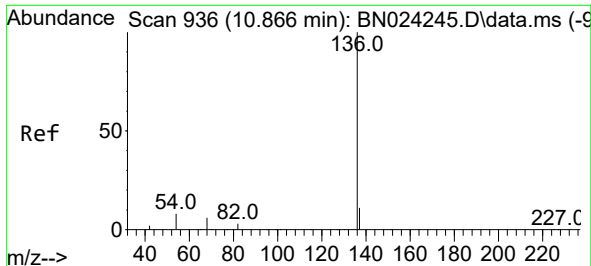
Tgt Ion:112 Resp: 787
Ion Ratio Lower Upper
112 100
64 63.4 49.0 73.6
63 33.3 25.7 38.5



#5
Phenol-d6
Concen: 0.030 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Tgt Ion: 99 Resp: 1349
Ion Ratio Lower Upper
99 100
42 28.8 20.1 30.1
71 43.7 25.8 38.8#

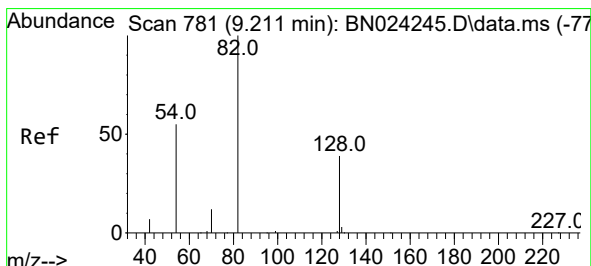
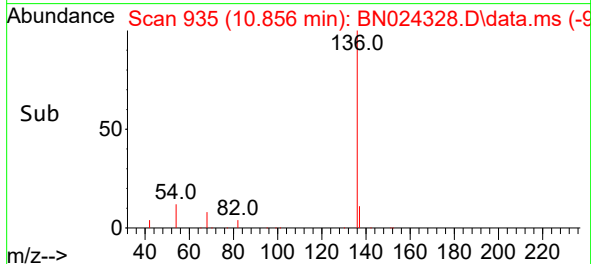
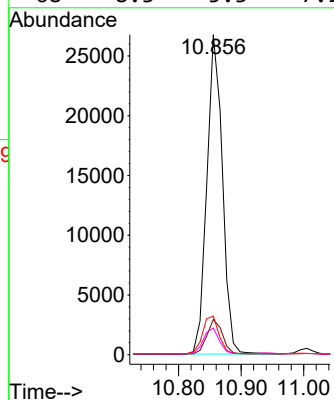
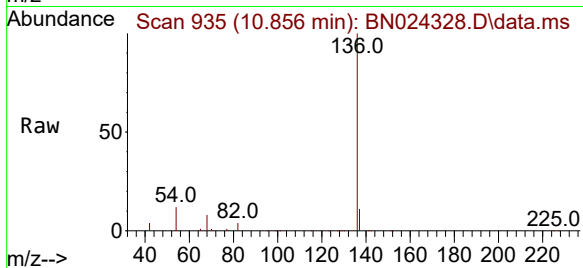




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

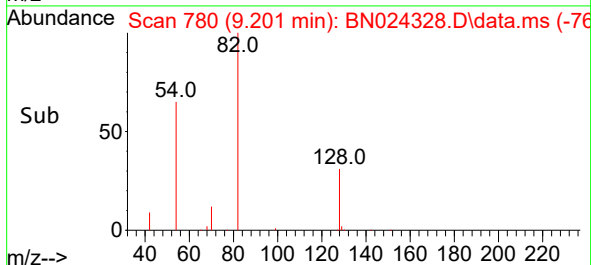
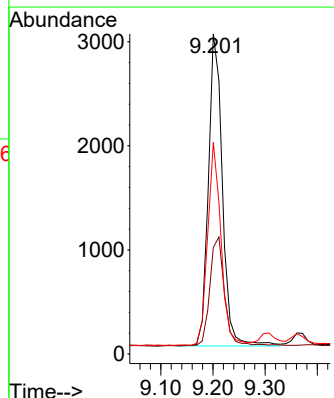
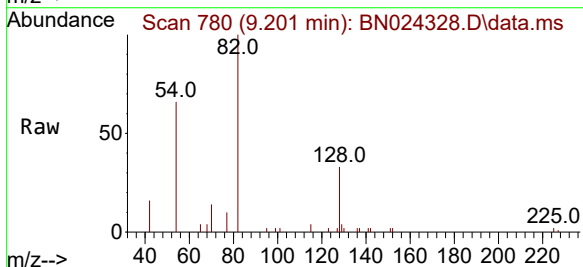
Instrument :
BNA_N
ClientSampleId :
RE132D7-20230306

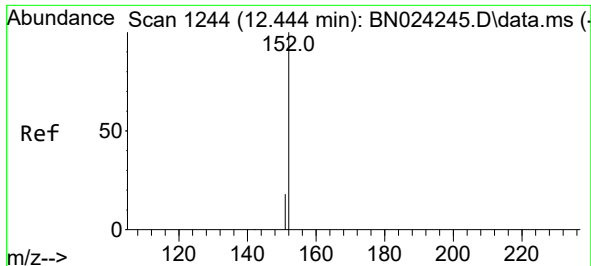
Tgt Ion:	136	Resp:	46005
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	12.0	7.1	10.7#
68	8.3	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.182 ng
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Tgt Ion:	82	Resp:	5593
Ion Ratio	Lower	Upper	
82	100		
128	33.3	32.4	48.6
54	66.1	45.2	67.8

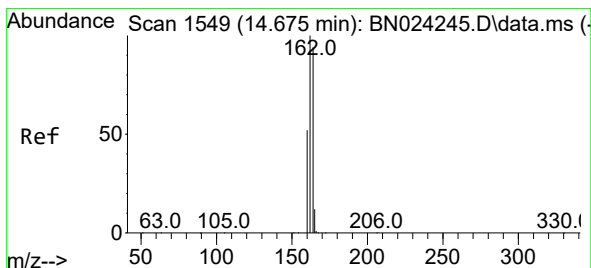
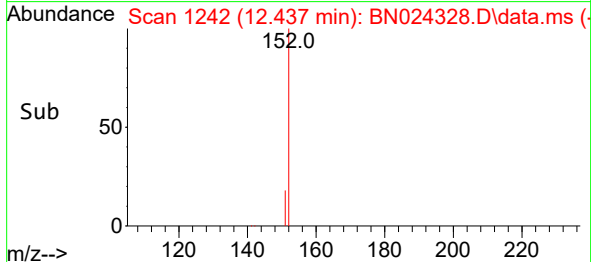
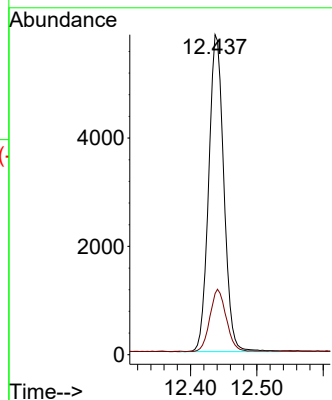
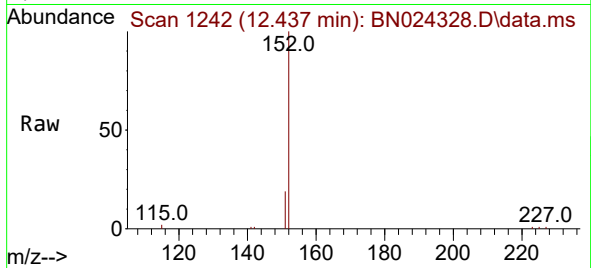




#11
2-Methylnaphthalene-d10
Concen: 0.164 ng
RT: 12.437 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

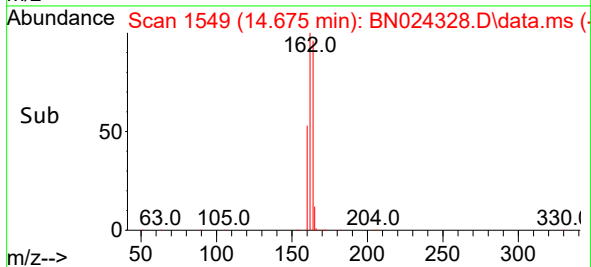
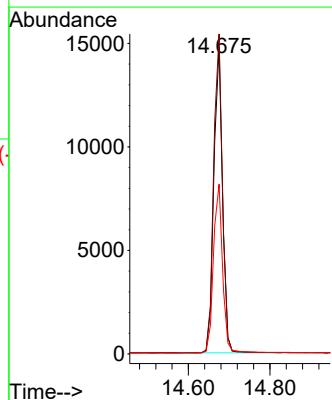
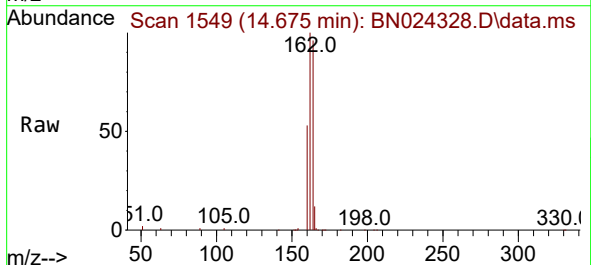
Instrument :
BNA_N
ClientSampleId :
RE132D7-20230306

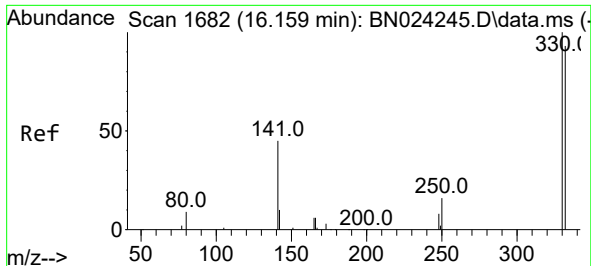
Tgt Ion:152 Resp: 9291
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Tgt Ion:164 Resp: 21777
Ion Ratio Lower Upper
164 100
162 104.3 84.7 127.1
160 55.3 44.6 66.8

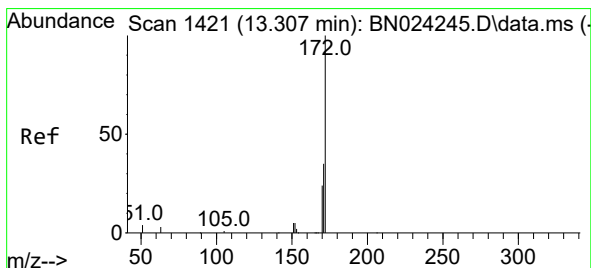
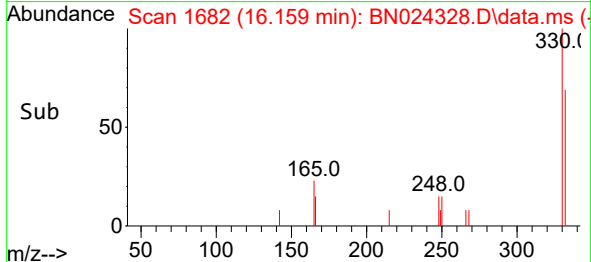
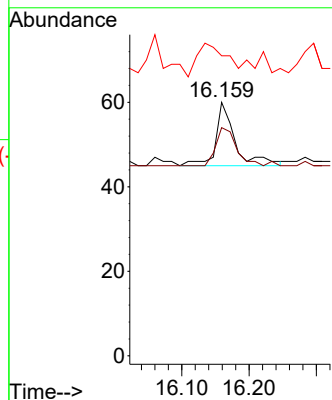
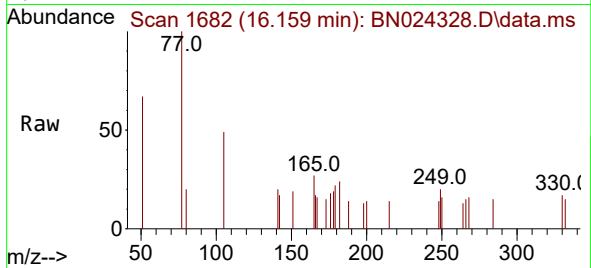




#14
2,4,6-Tribromophenol
Concen: 0.003 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

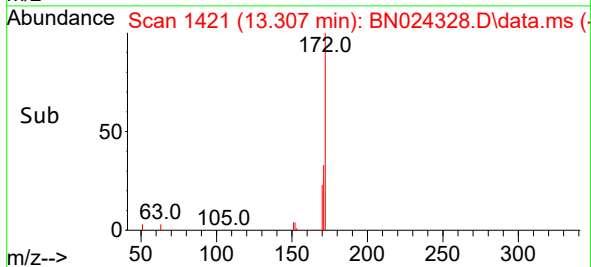
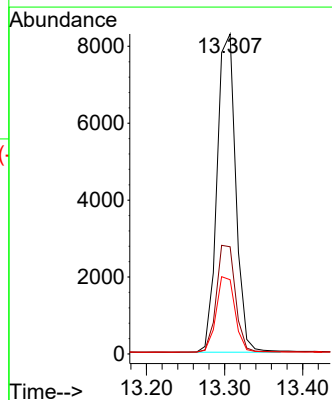
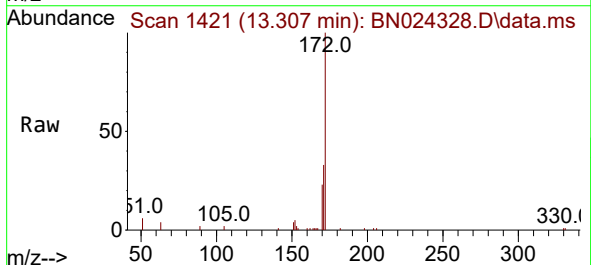
Instrument :
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ClientSampleId :
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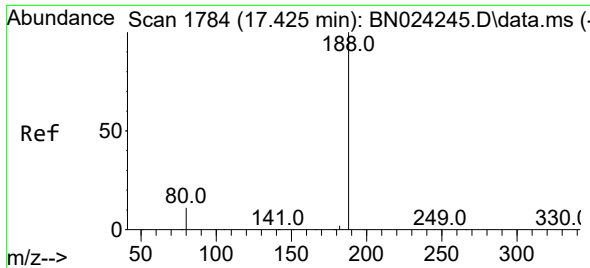
Tgt Ion:330 Resp: 30
Ion Ratio Lower Upper
330 100
332 63.3 78.0 117.0#
141 0.0 30.8 46.2#



#15
2-Fluorobiphenyl
Concen: 0.167 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Tgt Ion:172 Resp: 13743
Ion Ratio Lower Upper
172 100
171 33.5 27.8 41.8
170 23.2 19.0 28.6

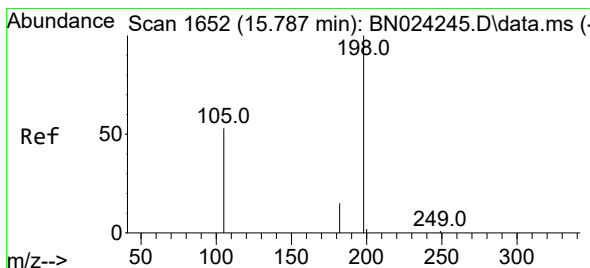
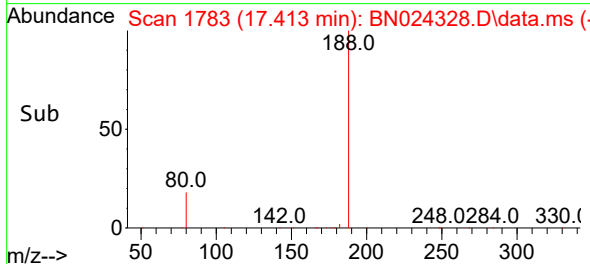
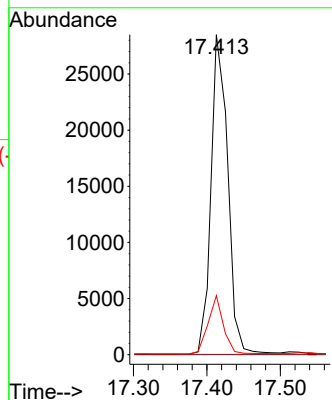
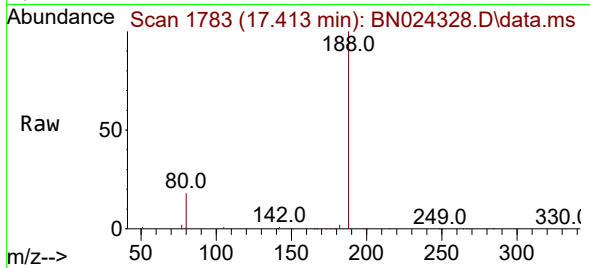




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

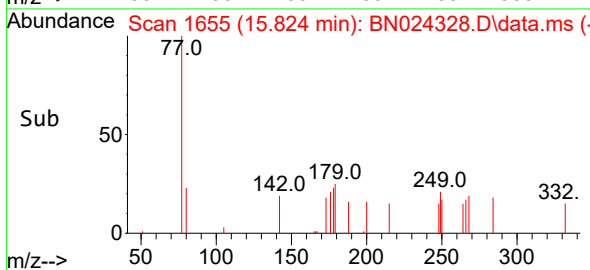
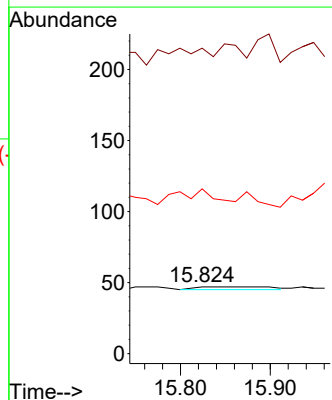
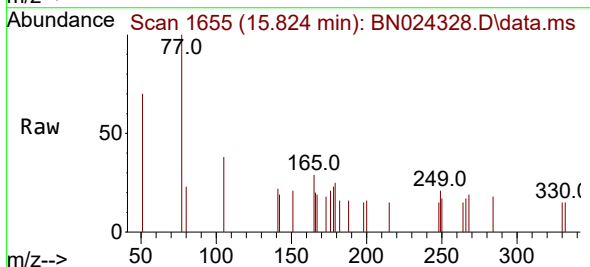
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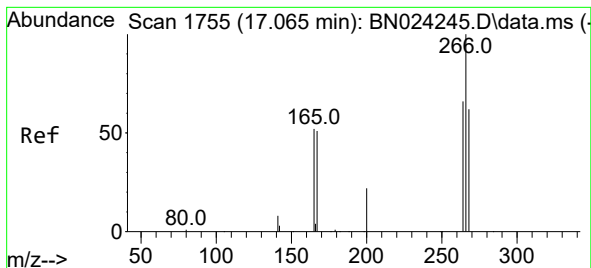
Tgt Ion:188 Resp: 45092
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 18.4 8.9 13.3#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.180 ng
RT: 15.824 min Scan# 1655
Delta R.T. 0.037 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
51 457.4 68.2 102.2#
105 246.8 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.129 ng

RT: 17.065 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN024328.D

Acq: 17 Mar 2023 01:30

Instrument :

BNA_N

ClientSampleId :

RE132D7-20230306

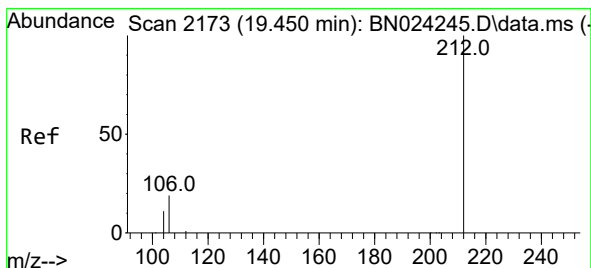
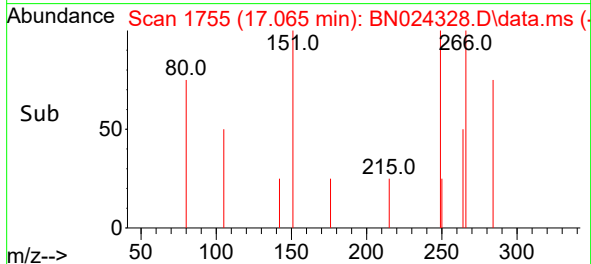
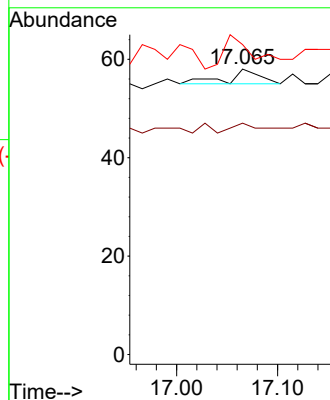
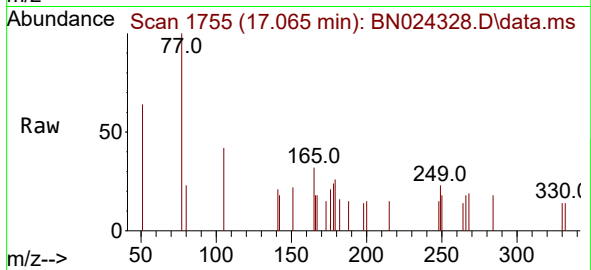
Tgt Ion:266 Resp: 7

Ion Ratio Lower Upper

266 100

264 57.1 51.1 76.7

268 214.3 52.2 78.4#



#27

Fluoranthene-d10

Concen: 0.199 ng

RT: 19.446 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BN024328.D

Acq: 17 Mar 2023 01:30

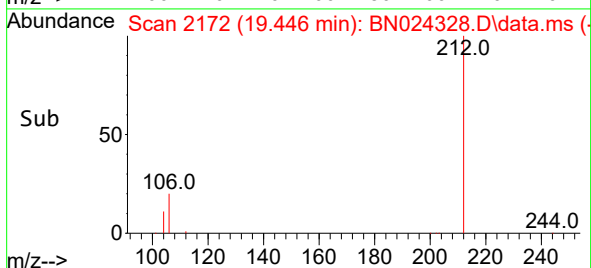
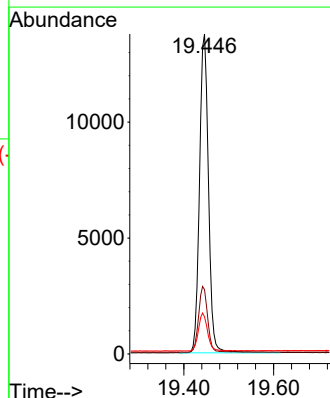
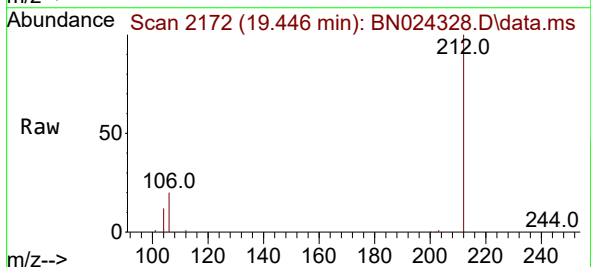
Tgt Ion:212 Resp: 19060

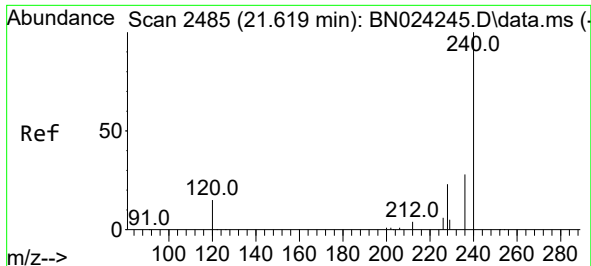
Ion Ratio Lower Upper

212 100

106 20.7 15.4 23.2

104 12.1 8.6 13.0

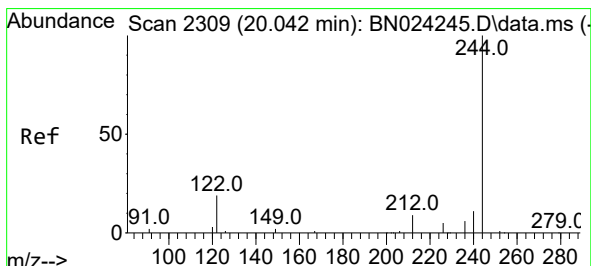
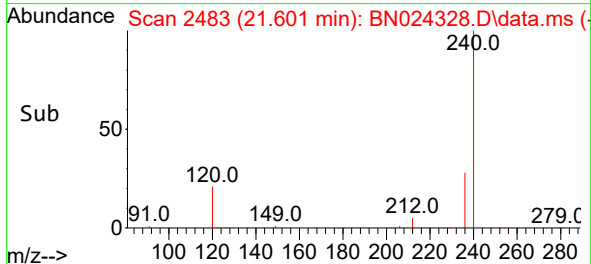
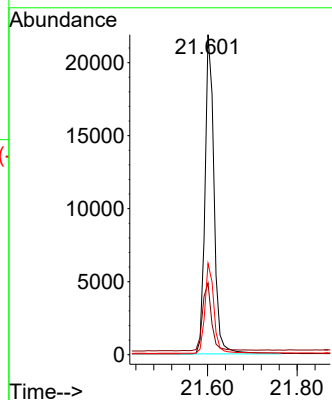
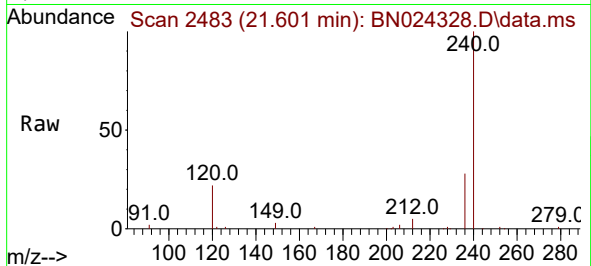




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.601 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

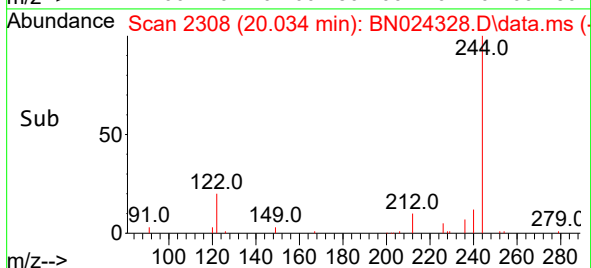
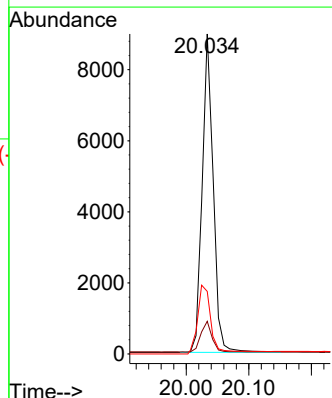
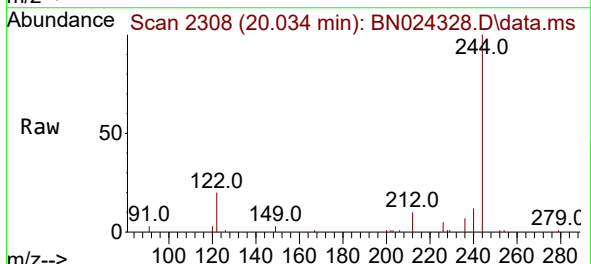
Instrument :
BNA_N
ClientSampleId :
RE132D7-20230306

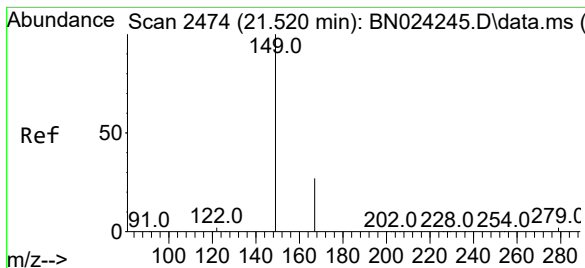
Tgt Ion:240 Resp: 30804
Ion Ratio Lower Upper
240 100
120 22.4 12.8 19.2#
236 28.5 22.5 33.7



#31
Terphenyl-d14
Concen: 0.189 ng
RT: 20.034 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Tgt Ion:244 Resp: 9802
Ion Ratio Lower Upper
244 100
212 10.2 7.6 11.4
122 19.5 15.1 22.7

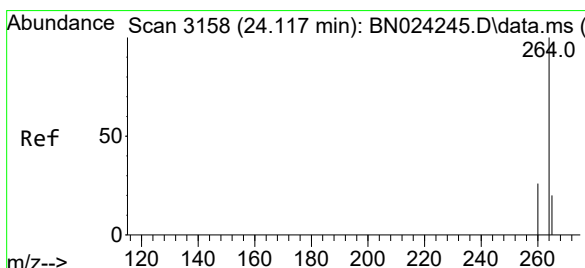
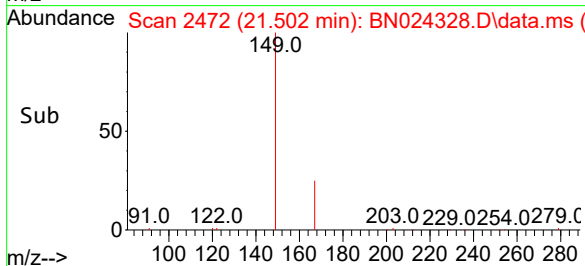
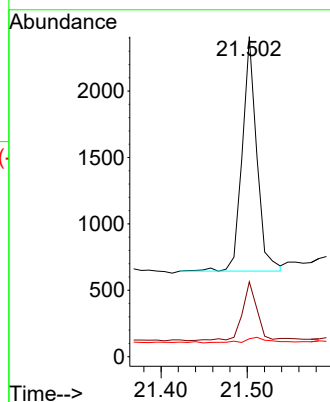
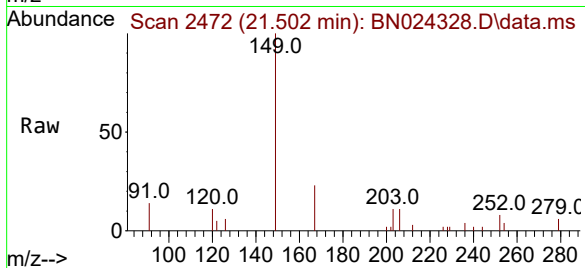




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.043 ng
RT: 21.502 min Scan# 2474
Delta R.T. 0.000 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Instrument :
BNA_N
ClientSampleId :
RE132D7-20230306

Tgt Ion:149 Resp: 2076
Ion Ratio Lower Upper
149 100
167 26.7 21.2 31.8
279 4.2 1.8 2.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.097 min Scan# 3151
Delta R.T. -0.017 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Tgt Ion:264 Resp: 24088
Ion Ratio Lower Upper
264 100
260 27.8 21.4 32.2
265 41.2 35.7 53.5

