

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
 Data File : BN024528.D
 Acq On : 24 Mar 2023 03:28
 Operator : CG/JU
 Sample : 01903-16DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20230312DL

Quant Time: Mar 24 04:14:27 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 24 03:05:57 2023
 Response via : Initial Calibration

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

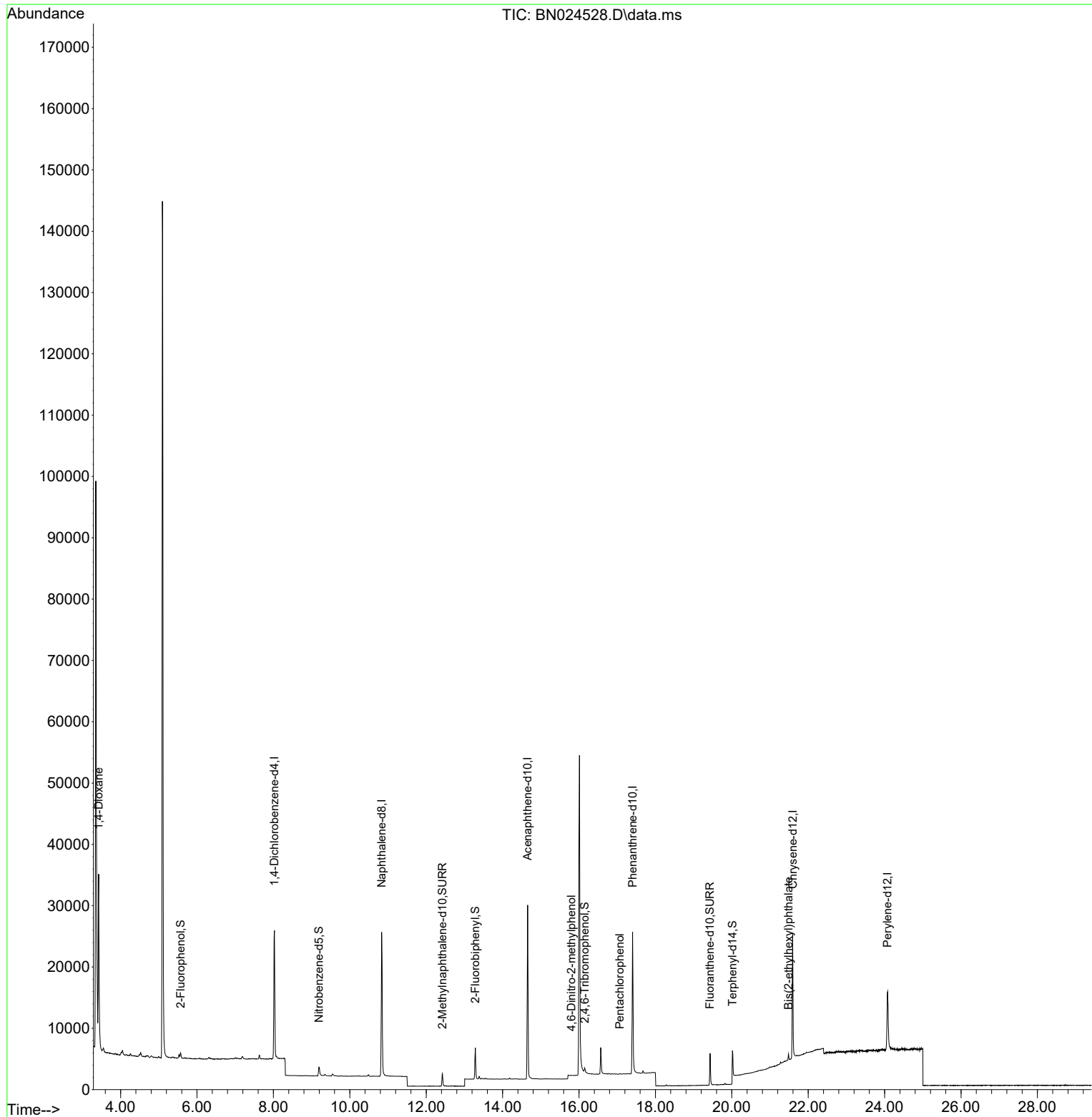
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	10752	0.400	ng	0.00
7) Naphthalene-d8	10.834	136	31316	0.400	ng	# 0.00
13) Acenaphthene-d10	14.654	164	16041	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	33248	0.400	ng	# 0.00
29) Chrysene-d12	21.592	240	19844	0.400	ng	0.00
35) Perylene-d12	24.076	264	16226	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.570	112	782	0.033	ng	0.00
5) Phenol-d6	7.188	99	529	0.017	ng	0.00
8) Nitrobenzene-d5	9.190	82	1705	0.081	ng	0.00
11) 2-Methylnaphthalene-d10	12.422	152	2977	0.077	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	503	0.061	ng	0.00
15) 2-Fluorobiphenyl	13.286	172	4530	0.075	ng	0.00
27) Fluoranthene-d10	19.429	212	5978	0.085	ng	0.00
31) Terphenyl-d14	20.016	244	3534	0.106	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.425	88	17818	1.523	ng	99
20) 4,6-Dinitro-2-methylph...	15.799	198	3	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	31	0.131	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.484	149	1323	0.042	ng	# 89

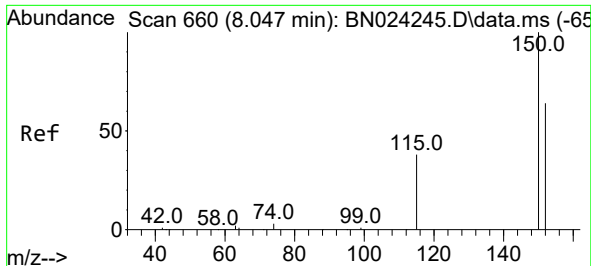
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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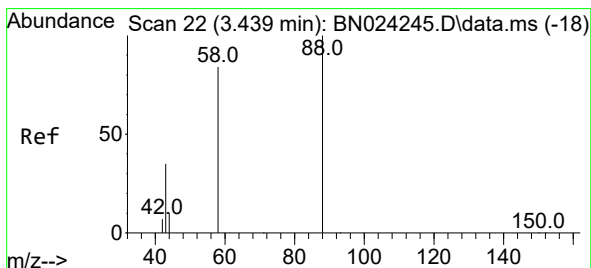
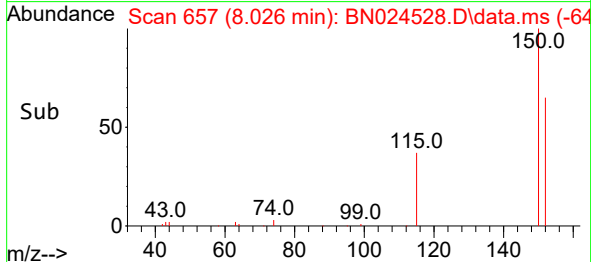
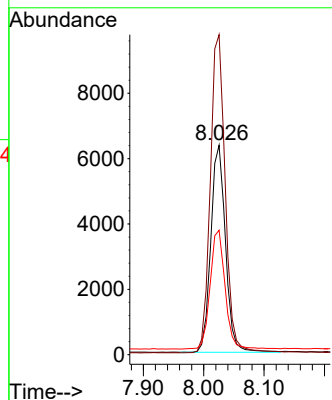
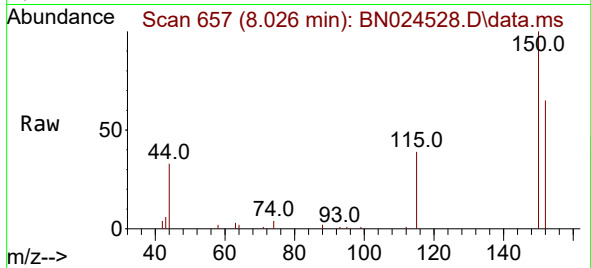




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.026 min Scan# 6
 Delta R.T. 0.001 min
 Lab File: BN024528.D
 Acq: 24 Mar 2023 03:28

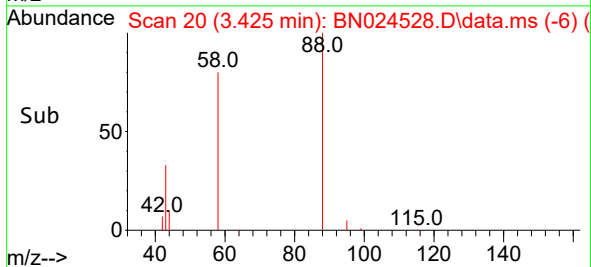
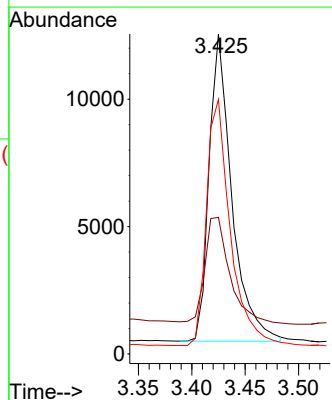
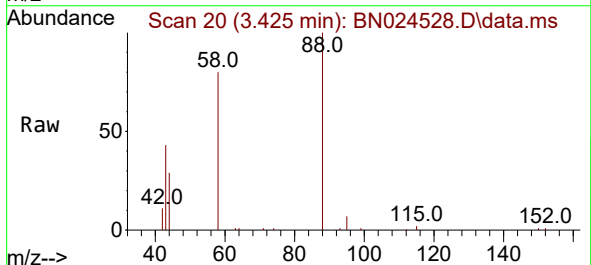
Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20230312DL

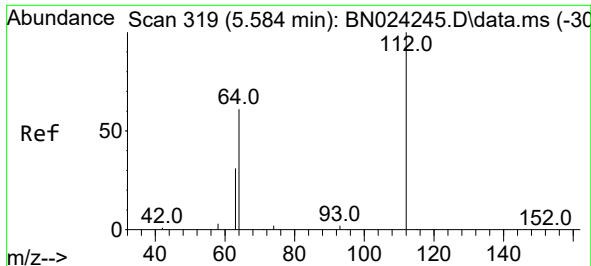
Tgt Ion:152 Resp: 10752
 Ion Ratio Lower Upper
 152 100
 150 152.7 124.7 187.1
 115 59.4 49.1 73.7



#2
 1,4-Dioxane
 Concen: 1.523 ng
 RT: 3.425 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BN024528.D
 Acq: 24 Mar 2023 03:28

Tgt Ion: 88 Resp: 17818
 Ion Ratio Lower Upper
 88 100
 43 37.3 29.0 43.4
 58 84.2 67.3 100.9

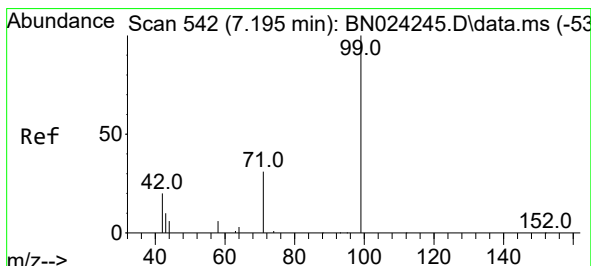
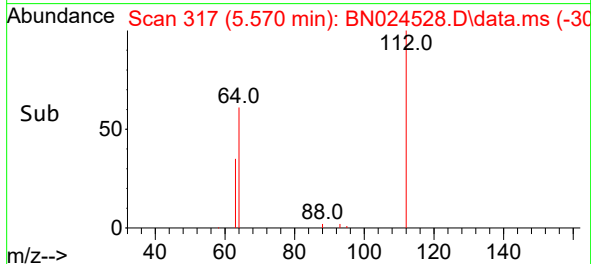
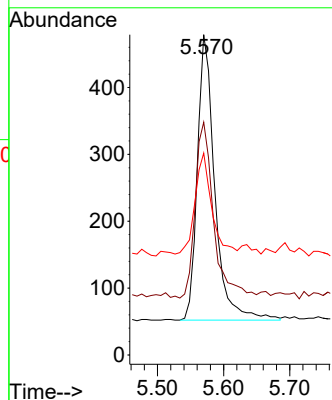
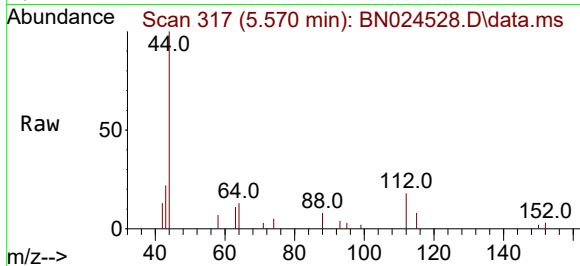




#4
2-Fluorophenol
Concen: 0.033 ng
RT: 5.570 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024528.D
Acq: 24 Mar 2023 03:28

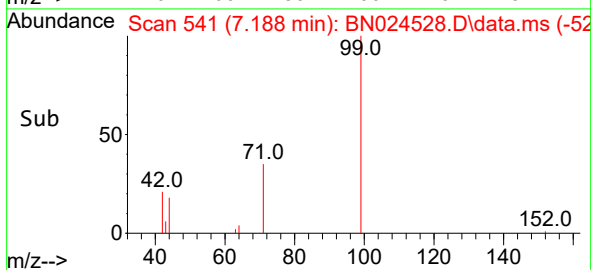
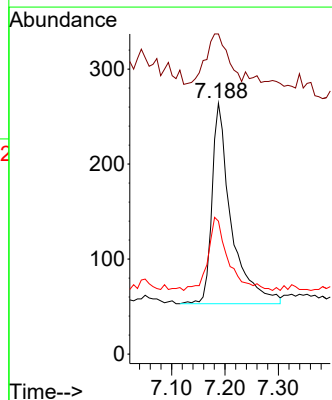
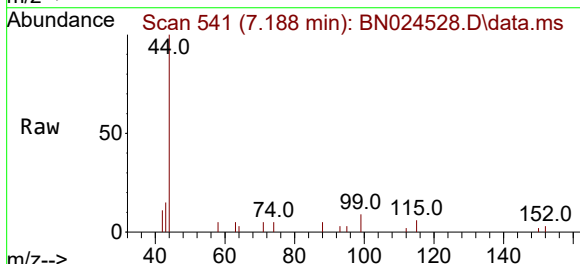
Instrument :
BNA_N
ClientSampleId :
RE131D1-20230312DL

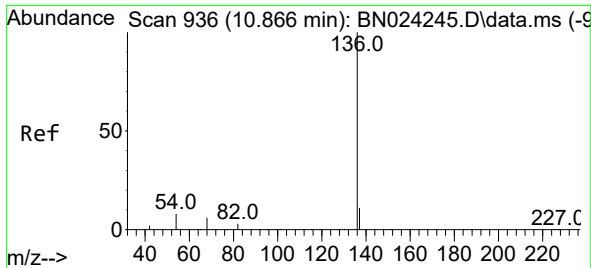
Tgt Ion:112 Resp: 782
Ion Ratio Lower Upper
112 100
64 65.3 49.0 73.6
63 34.5 25.7 38.5



#5
Phenol-d6
Concen: 0.017 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN024528.D
Acq: 24 Mar 2023 03:28

Tgt Ion: 99 Resp: 529
Ion Ratio Lower Upper
99 100
42 27.6 20.1 30.1
71 37.8 25.8 38.8

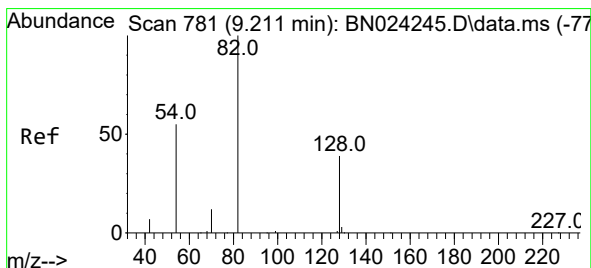
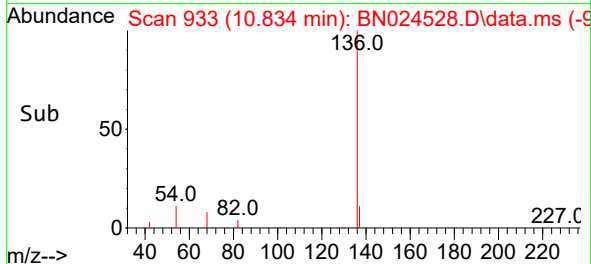
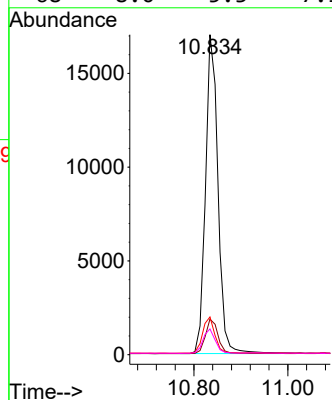
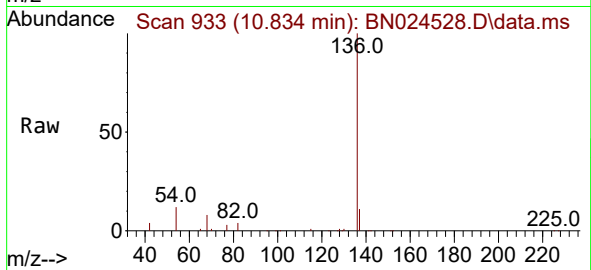




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.834 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024528.D
Acq: 24 Mar 2023 03:28

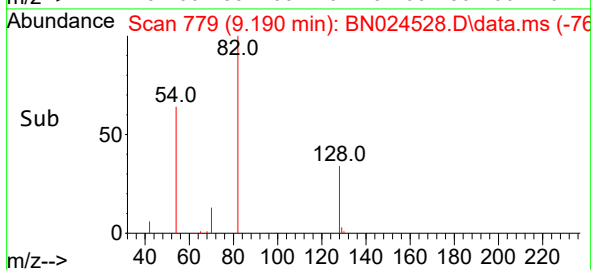
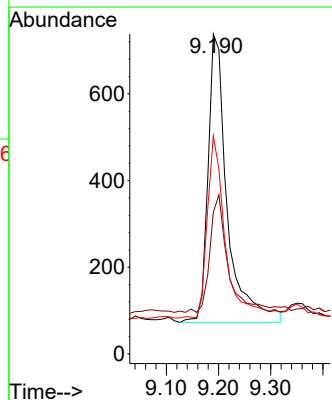
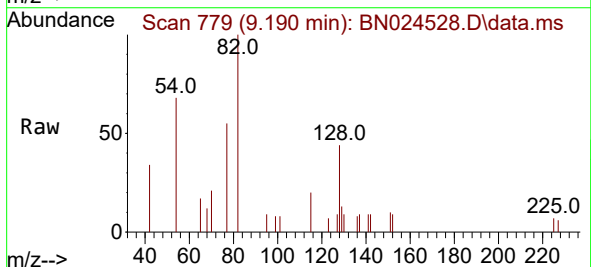
Instrument :
BNA_N
ClientSampleId :
RE131D1-20230312DL

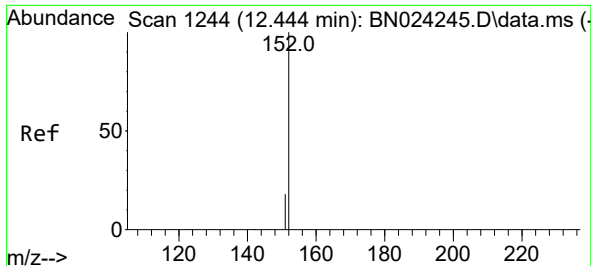
Tgt Ion:	136	Resp:	31316
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	11.8	7.1	10.7#
68	8.0	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.081 ng
RT: 9.190 min Scan# 779
Delta R.T. 0.000 min
Lab File: BN024528.D
Acq: 24 Mar 2023 03:28

Tgt Ion:	82	Resp:	1705
Ion Ratio	Lower	Upper	
82	100		
128	44.3	32.4	48.6
54	68.2	45.2	67.8#





#11

2-Methylnaphthalene-d10

Concen: 0.077 ng

RT: 12.422 min Scan# 11

Delta R.T. 0.004 min

Lab File: BN024528.D

Acq: 24 Mar 2023 03:28

Instrument :

BNA_N

ClientSampleId :

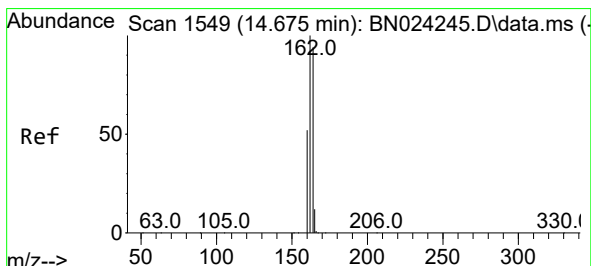
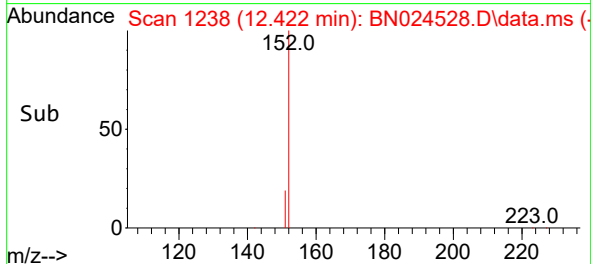
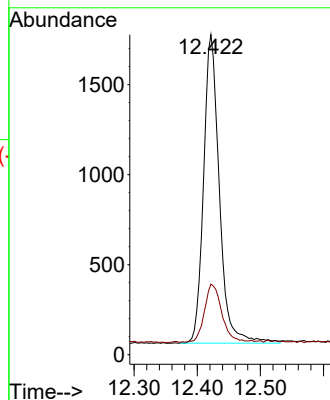
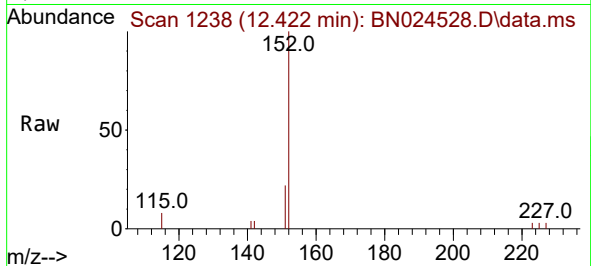
RE131D1-20230312DL

Tgt Ion:152 Resp: 2977

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.654 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BN024528.D

Acq: 24 Mar 2023 03:28

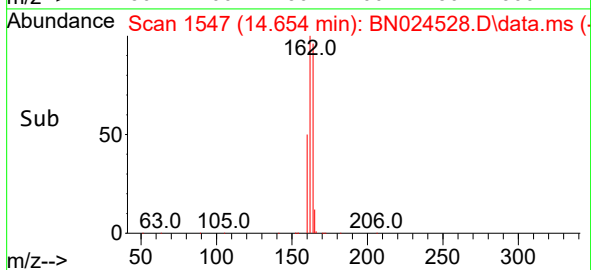
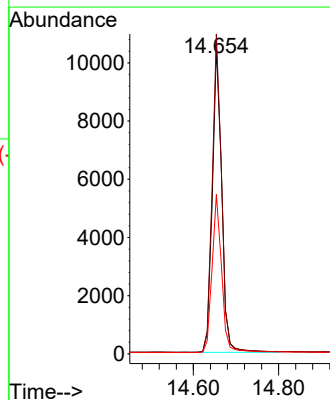
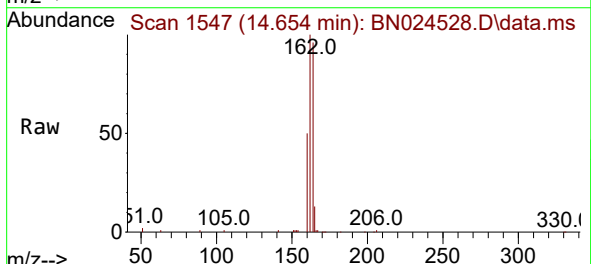
Tgt Ion:164 Resp: 16041

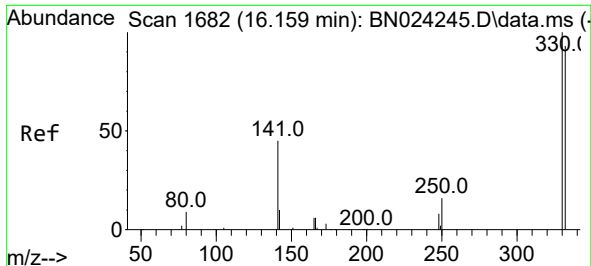
Ion Ratio Lower Upper

164 100

162 104.5 84.7 127.1

160 52.1 44.6 66.8

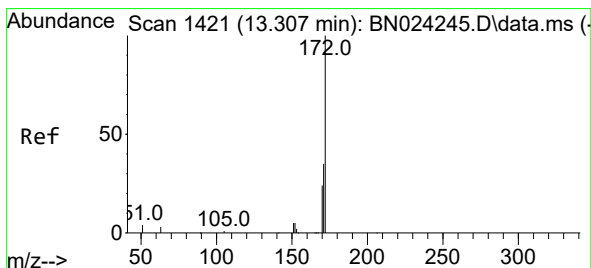
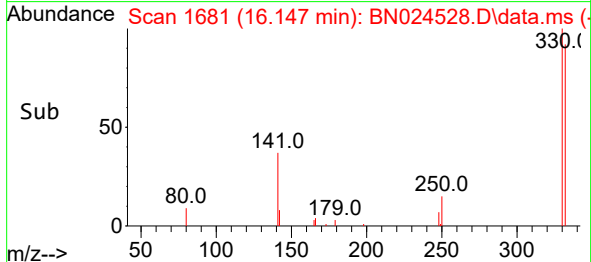
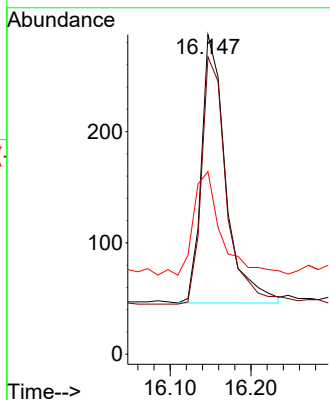
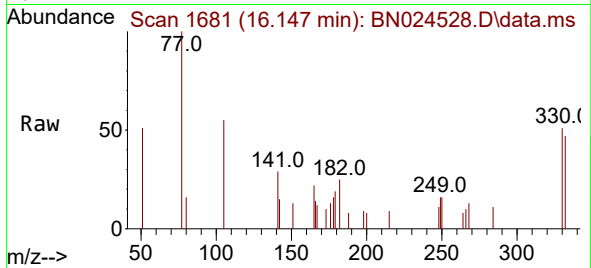




#14
2,4,6-Tribromophenol
Concen: 0.061 ng
RT: 16.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024528.D
Acq: 24 Mar 2023 03:28

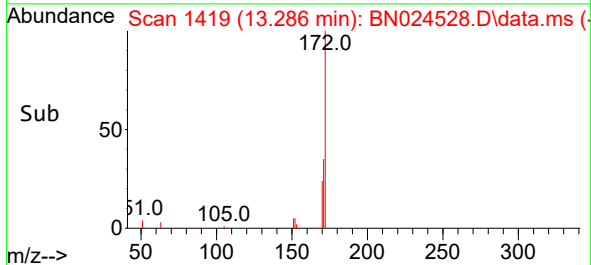
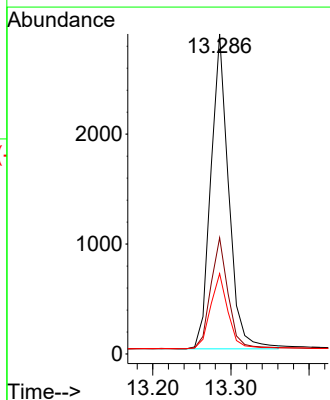
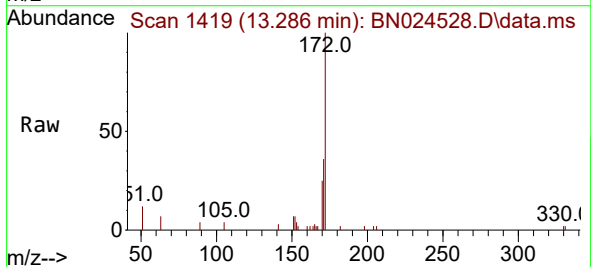
Instrument :
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ClientSampleId :
RE131D1-20230312DL

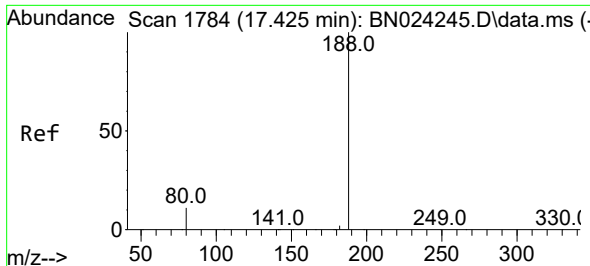
Tgt Ion:330 Resp: 503
Ion Ratio Lower Upper
330 100
332 95.2 78.0 117.0
141 44.5 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.075 ng
RT: 13.286 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BN024528.D
Acq: 24 Mar 2023 03:28

Tgt Ion:172 Resp: 4530
Ion Ratio Lower Upper
172 100
171 36.3 27.8 41.8
170 25.1 19.0 28.6

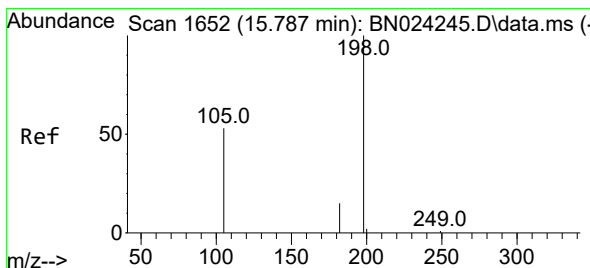
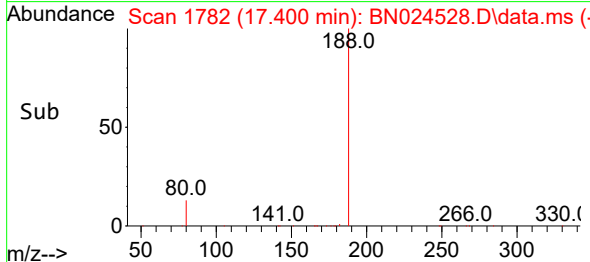
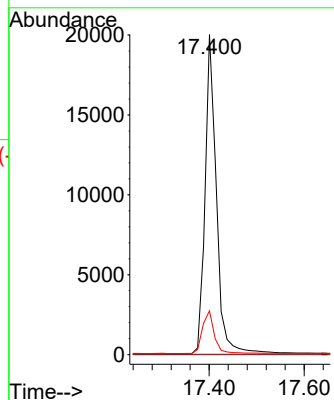
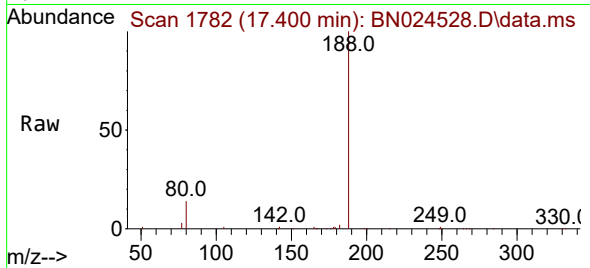




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024528.D
Acq: 24 Mar 2023 03:28

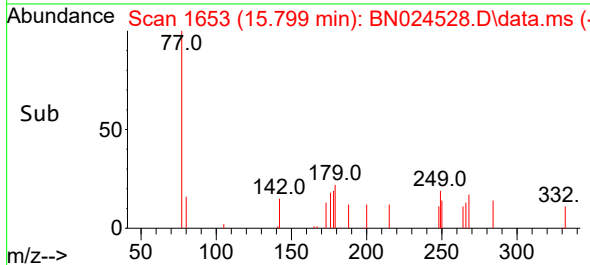
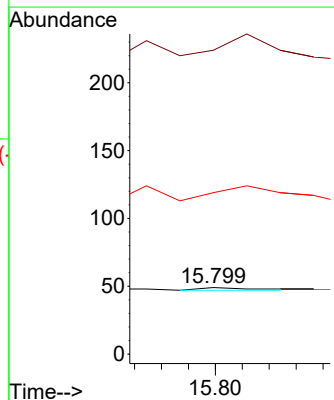
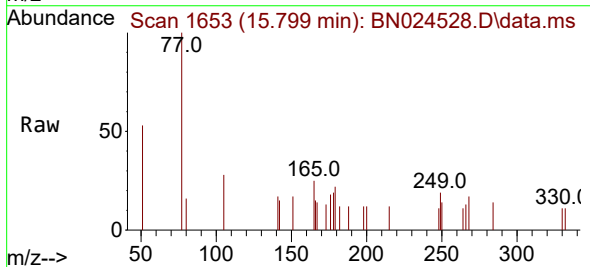
Instrument :
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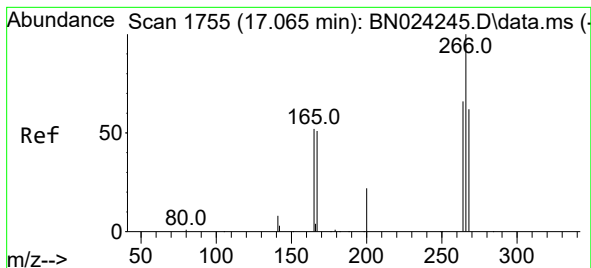
Tgt Ion:188 Resp: 33248
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.7 8.9 13.3#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.799 min Scan# 1653
Delta R.T. 0.025 min
Lab File: BN024528.D
Acq: 24 Mar 2023 03:28

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 457.1 68.2 102.2#
105 242.9 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.131 ng

RT: 17.065 min Scan# 11

Delta R.T. 0.012 min

Lab File: BN024528.D

Acq: 24 Mar 2023 03:28

Instrument :

BNA_N

ClientSampleId :

RE131D1-20230312DL

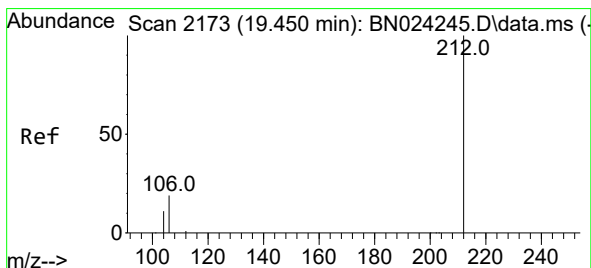
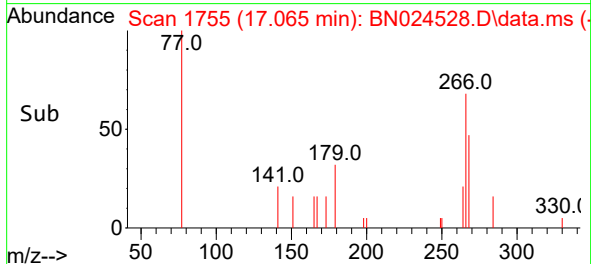
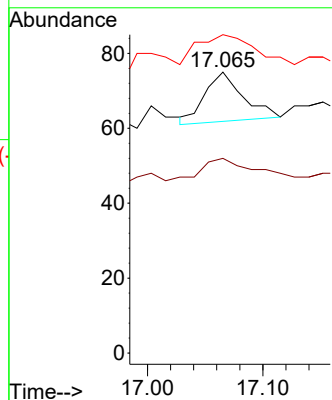
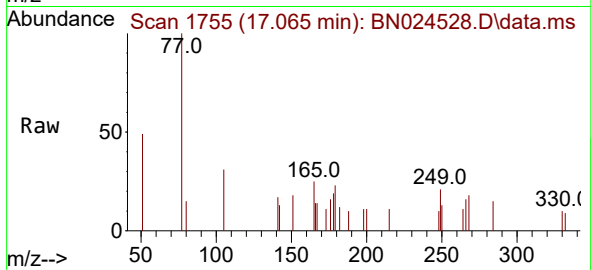
Tgt Ion:266 Resp: 31

Ion Ratio Lower Upper

266 100

264 61.3 51.1 76.7

268 106.5 52.2 78.4#



#27

Fluoranthene-d10

Concen: 0.085 ng

RT: 19.429 min Scan# 2168

Delta R.T. 0.000 min

Lab File: BN024528.D

Acq: 24 Mar 2023 03:28

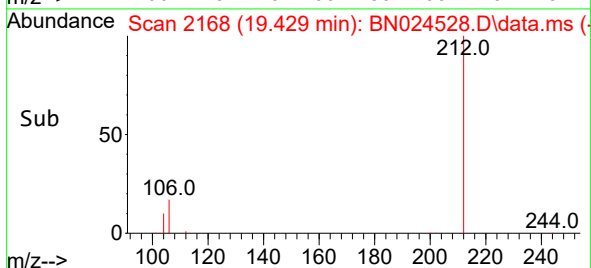
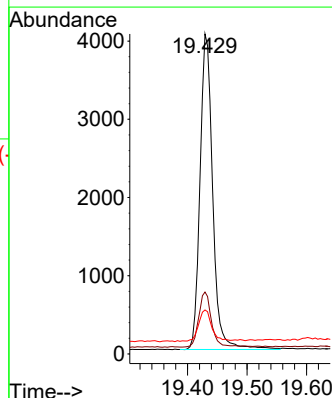
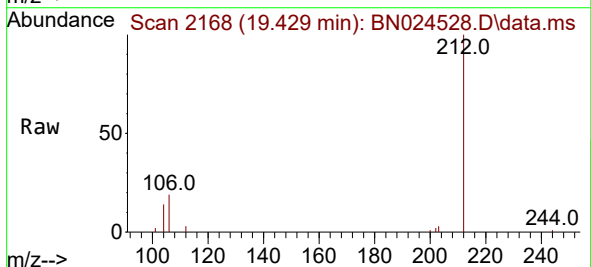
Tgt Ion:212 Resp: 5978

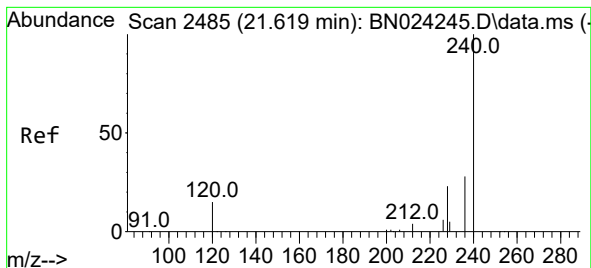
Ion Ratio Lower Upper

212 100

106 17.4 15.4 23.2

104 10.6 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.592 min Scan# 2485

Delta R.T. 0.009 min

Lab File: BN024528.D

Acq: 24 Mar 2023 03:28

Instrument :

BNA_N

ClientSampleId :

RE131D1-20230312DL

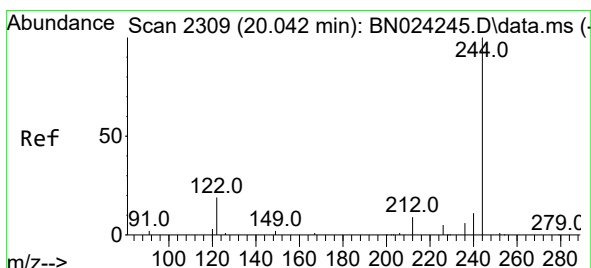
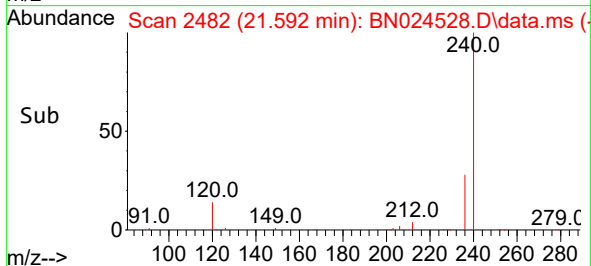
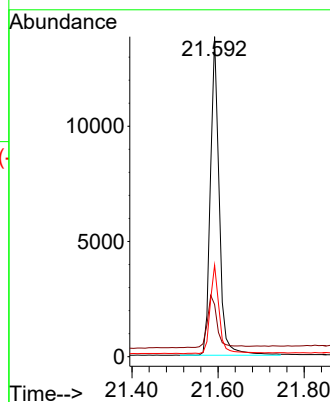
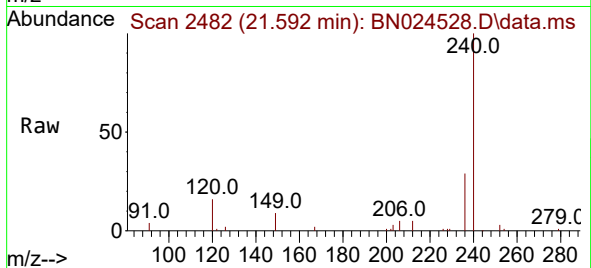
Tgt Ion:240 Resp: 19844

Ion Ratio Lower Upper

240 100

120 16.3 12.8 19.2

236 28.6 22.5 33.7



#31

Terphenyl-d14

Concen: 0.106 ng

RT: 20.016 min Scan# 2306

Delta R.T. 0.000 min

Lab File: BN024528.D

Acq: 24 Mar 2023 03:28

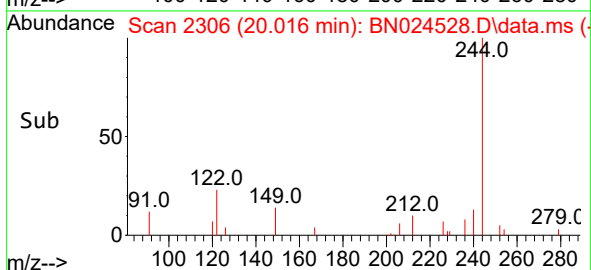
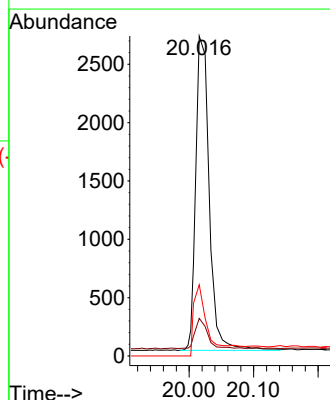
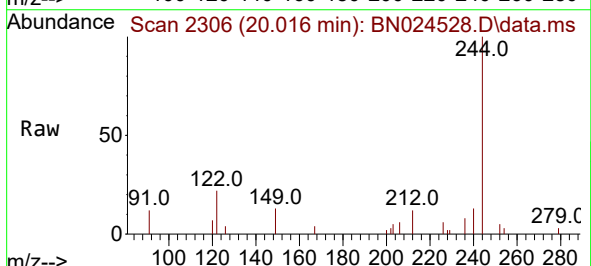
Tgt Ion:244 Resp: 3534

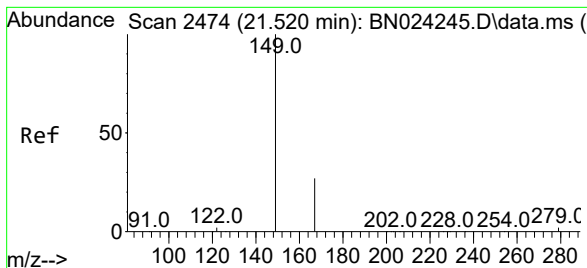
Ion Ratio Lower Upper

244 100

212 11.7 7.6 11.4#

122 22.3 15.1 22.7

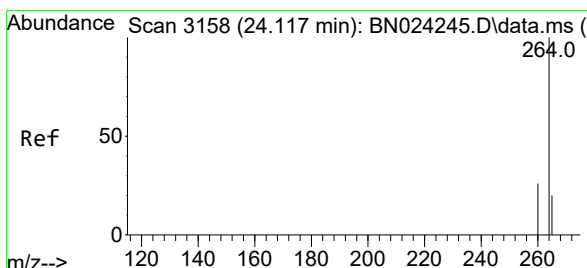
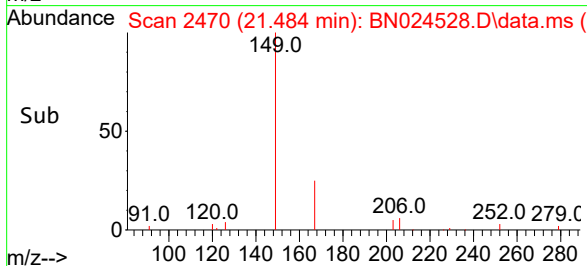
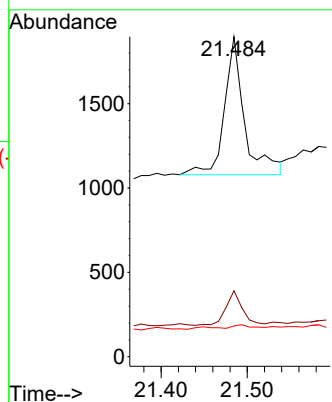
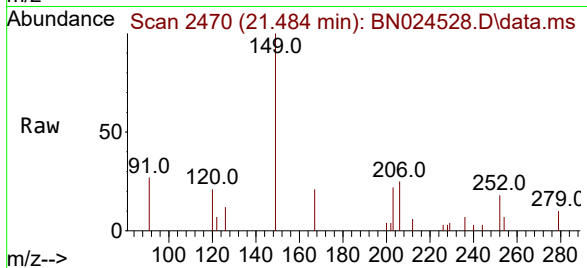




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.042 ng
RT: 21.484 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN024528.D
Acq: 24 Mar 2023 03:28

Instrument :
BNA_N
ClientSampleId :
RE131D1-20230312DL

Tgt Ion:149 Resp: 1323
Ion Ratio Lower Upper
149 100
167 20.5 21.2 31.8#
279 2.3 1.8 2.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.076 min Scan# 3144
Delta R.T. -0.003 min
Lab File: BN024528.D
Acq: 24 Mar 2023 03:28

Tgt Ion:264 Resp: 16226
Ion Ratio Lower Upper
264 100
260 26.5 21.4 32.2
265 81.2 35.7 53.5#

