

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031523\
 Data File : BN024298.D
 Acq On : 15 Mar 2023 17:56
 Operator : CG/JU
 Sample : 01843-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB01-20230308

Quant Time: Mar 16 01:19:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 16 01:06:57 2023
 Response via : Initial Calibration

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

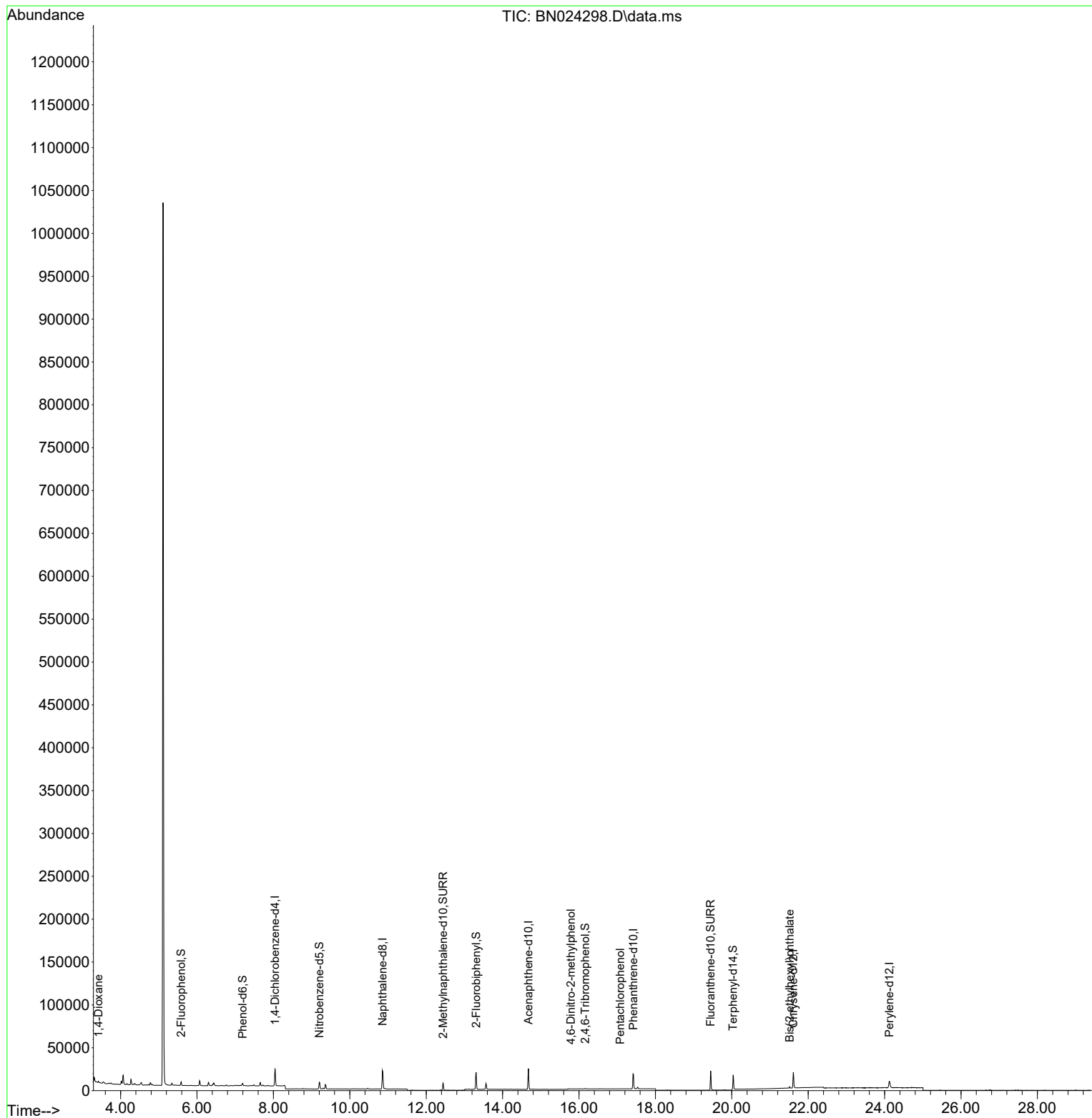
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	9630	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	27729	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	12960	0.400	ng	0.00
19) Phenanthrene-d10	17.425	188	26436	0.400	ng	0.00
29) Chrysene-d12	21.610	240	17771	0.400	ng	# 0.00
35) Perylene-d12	24.123	264	13232	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	3155	0.148	ng	0.00
5) Phenol-d6	7.195	99	2394	0.087	ng	0.00
8) Nitrobenzene-d5	9.201	82	6616	0.357	ng	0.00
11) 2-Methylnaphthalene-d10	12.441	152	11440	0.336	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	327	0.049	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	16946	0.346	ng	0.00
27) Fluoranthene-d10	19.446	212	22414	0.400	ng	0.00
31) Terphenyl-d14	20.034	244	13455	0.449	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.418	88	290	0.028	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.787	198	4	0.179	ng	# 1
24) Pentachlorophenol	17.078	266	9	0.129	ng	# 42
34) Bis(2-ethylhexyl)phtha...	21.511	149	1564	0.056	ng	# 97

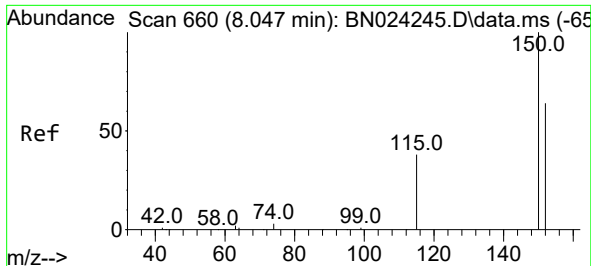
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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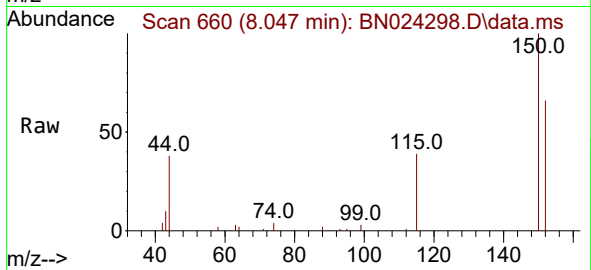
Quant Time: Mar 16 01:19:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 16 01:06:57 2023
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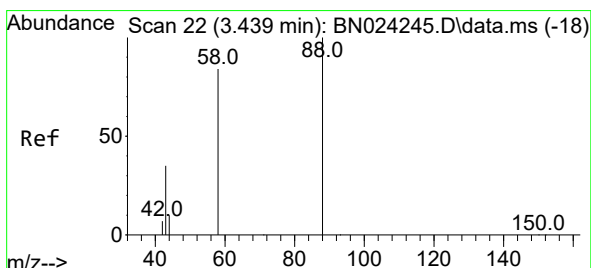
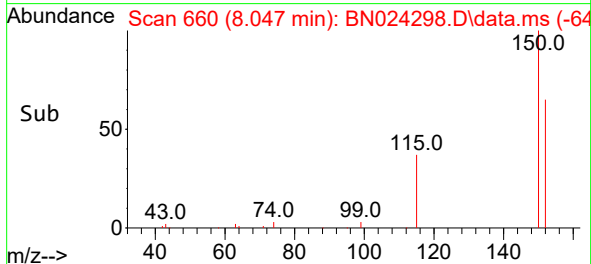
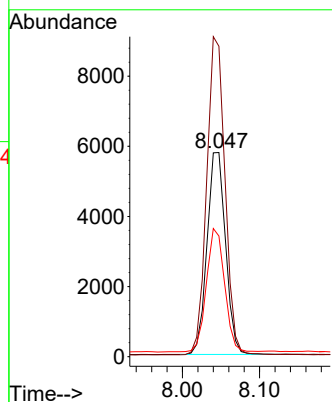


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.047 min Scan# 60
 Delta R.T. 0.007 min
 Lab File: BN024298.D
 Acq: 15 Mar 2023 17:56

Instrument :
 BNA_N
 ClientSampleId :
 FB01-20230308

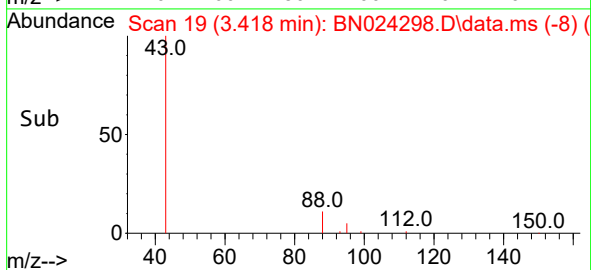
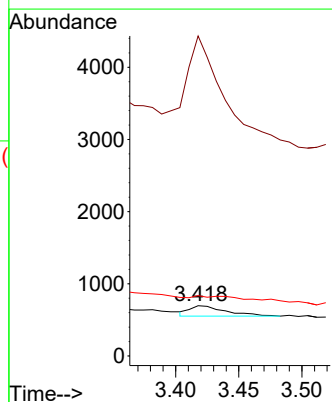
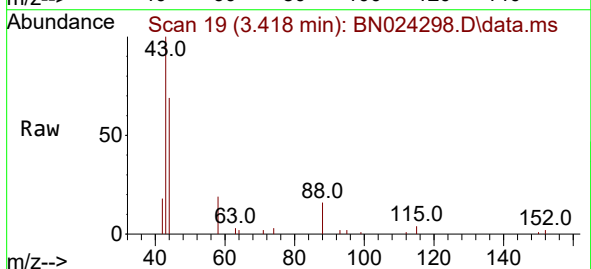


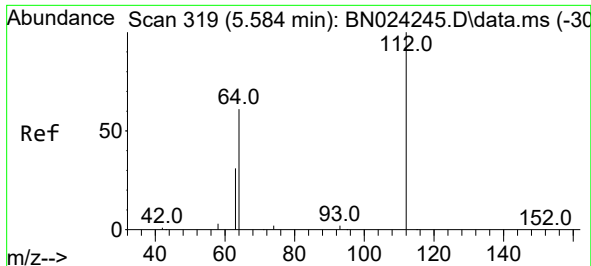
Tgt Ion:152 Resp: 9630
 Ion Ratio Lower Upper
 152 100
 150 152.0 124.7 187.1
 115 59.1 49.1 73.7



#2
 1,4-Dioxane
 Concen: 0.028 ng
 RT: 3.418 min Scan# 19
 Delta R.T. -0.021 min
 Lab File: BN024298.D
 Acq: 15 Mar 2023 17:56

Tgt Ion: 88 Resp: 290
 Ion Ratio Lower Upper
 88 100
 43 1206.9 29.0 43.4#
 58 0.0 67.3 100.9#

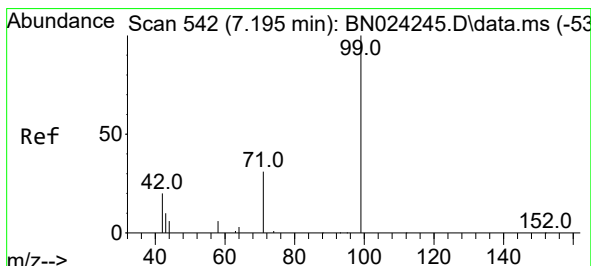
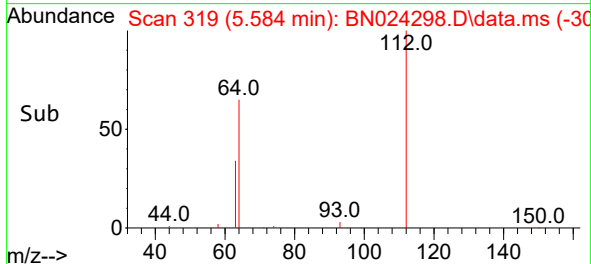
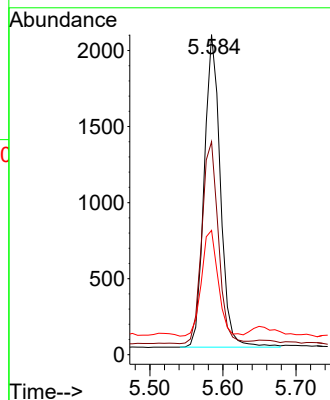
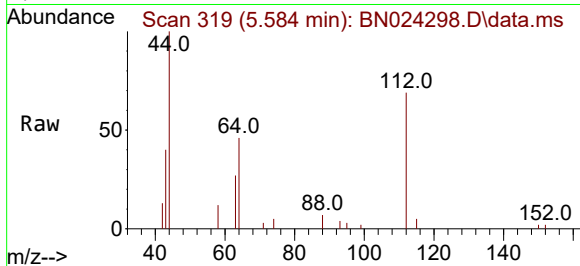




#4
2-Fluorophenol
Concen: 0.148 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024298.D
Acq: 15 Mar 2023 17:56

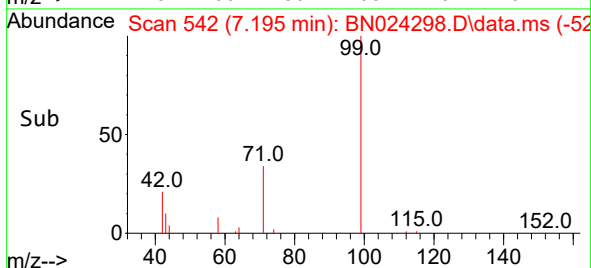
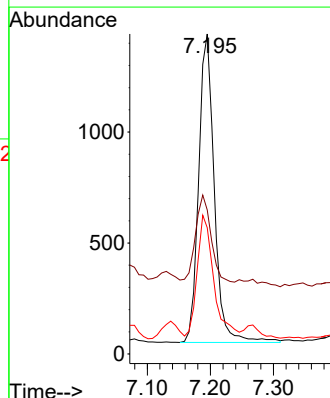
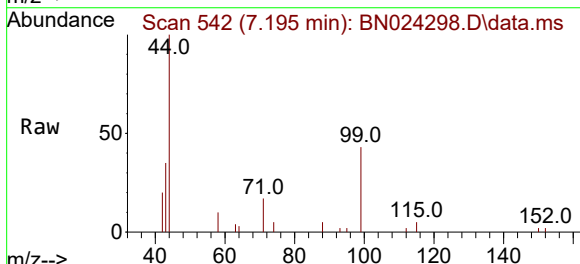
Instrument :
BNA_N
ClientSampleId :
FB01-20230308

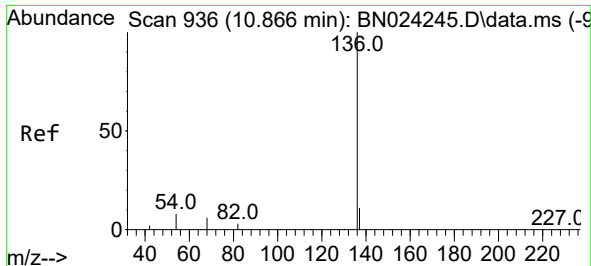
Tgt Ion:112 Resp: 3155
Ion Ratio Lower Upper
112 100
64 66.0 49.0 73.6
63 34.7 25.7 38.5



#5
Phenol-d6
Concen: 0.087 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN024298.D
Acq: 15 Mar 2023 17:56

Tgt Ion: 99 Resp: 2394
Ion Ratio Lower Upper
99 100
42 28.7 20.1 30.1
71 42.6 25.8 38.8#

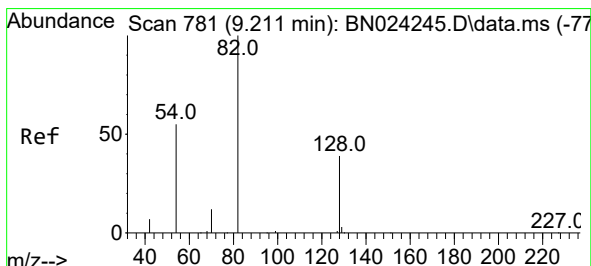
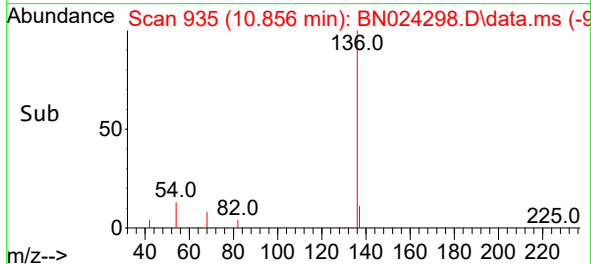
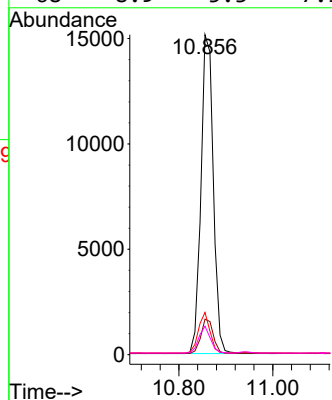
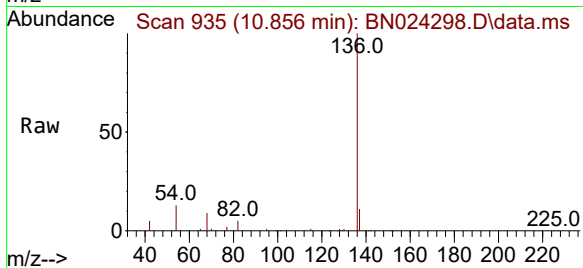




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024298.D
Acq: 15 Mar 2023 17:56

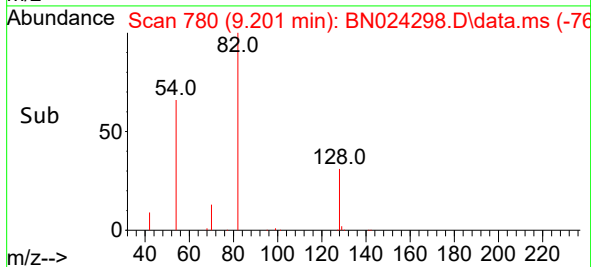
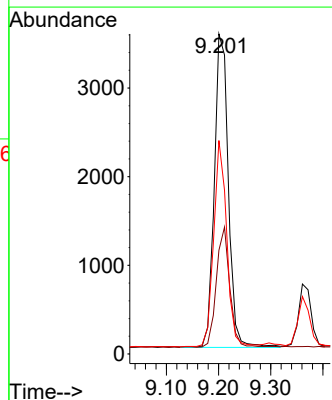
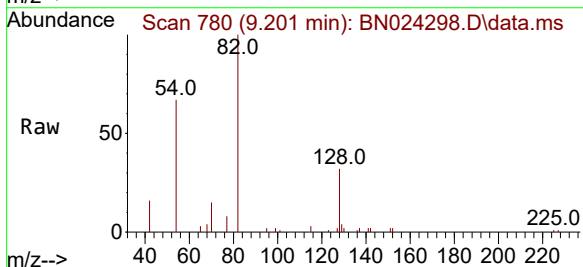
Instrument :
BNA_N
ClientSampleId :
FB01-20230308

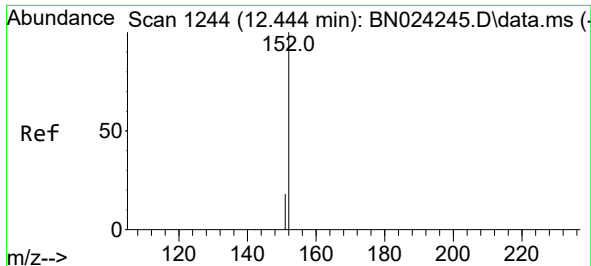
Tgt Ion:	136	Resp:	27729
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	13.2	7.1	10.7#
68	8.9	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.357 ng
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024298.D
Acq: 15 Mar 2023 17:56

Tgt Ion:	82	Resp:	6616
Ion Ratio	Lower	Upper	
82	100		
128	32.4	32.4	48.6#
54	66.7	45.2	67.8





#11

2-Methylnaphthalene-d10

Concen: 0.336 ng

RT: 12.441 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BN024298.D

Acq: 15 Mar 2023 17:56

Instrument :

BNA_N

ClientSampleId :

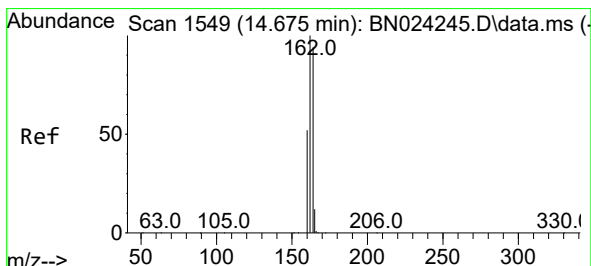
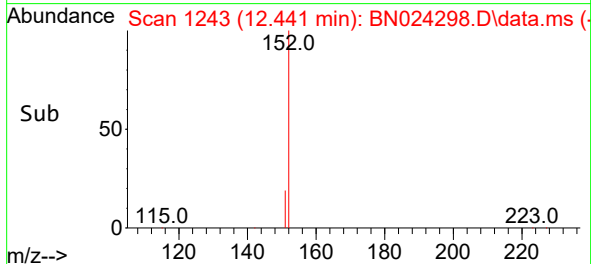
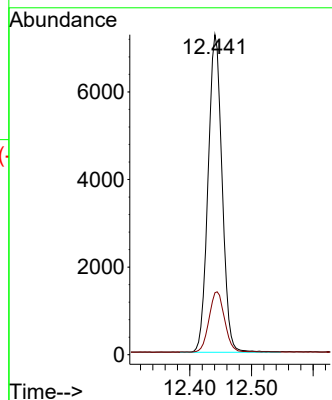
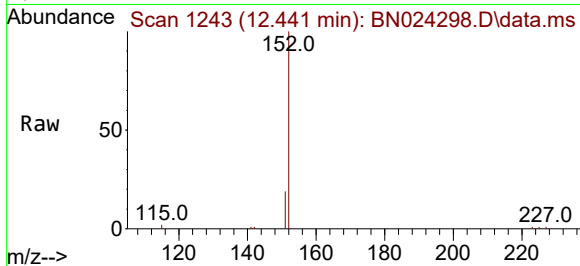
FB01-20230308

Tgt Ion:152 Resp: 11440

Ion Ratio Lower Upper

152 100

151 21.2 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: BN024298.D

Acq: 15 Mar 2023 17:56

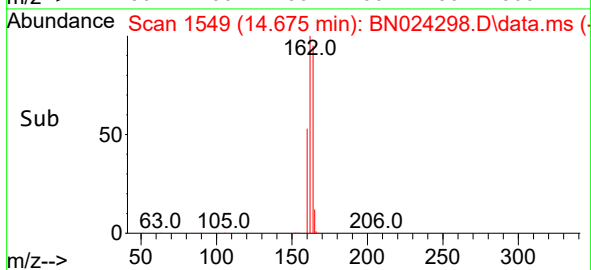
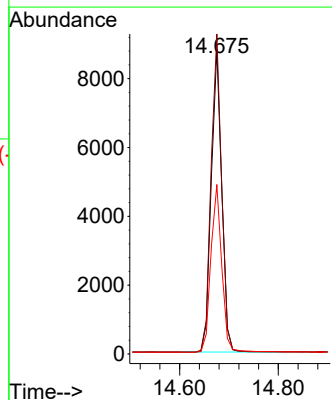
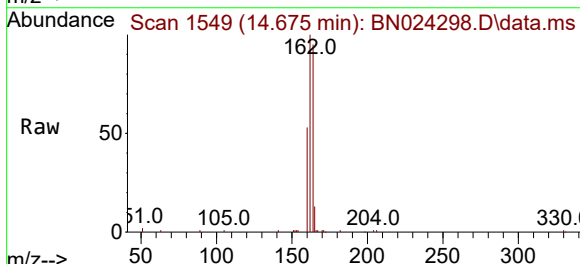
Tgt Ion:164 Resp: 12960

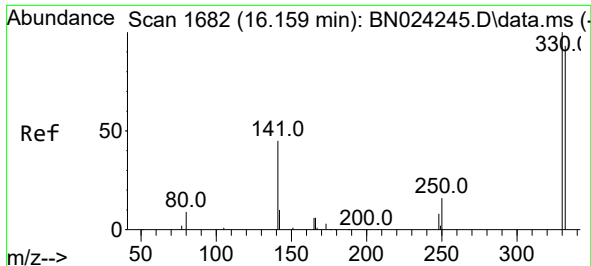
Ion Ratio Lower Upper

164 100

162 105.0 84.7 127.1

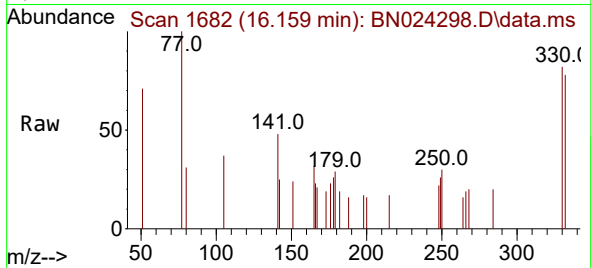
160 55.6 44.6 66.8



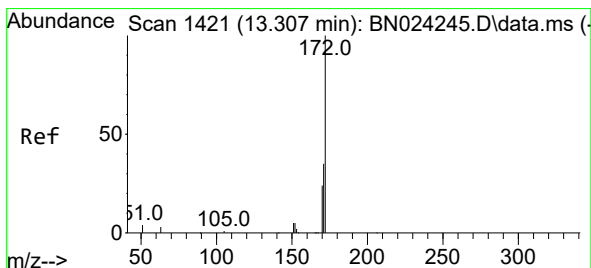
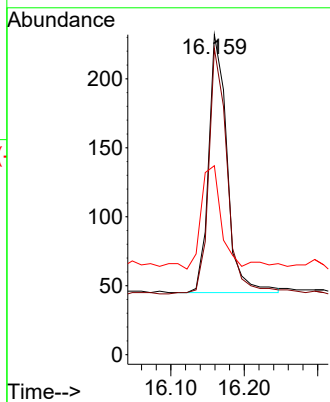
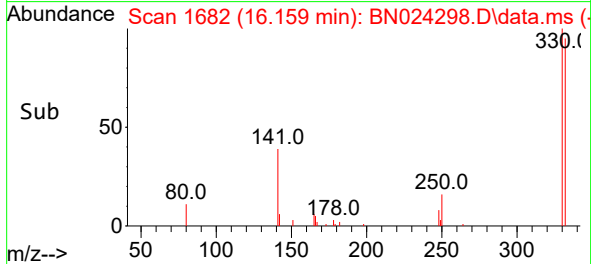


#14
2,4,6-Tribromophenol
Concen: 0.049 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024298.D
Acq: 15 Mar 2023 17:56

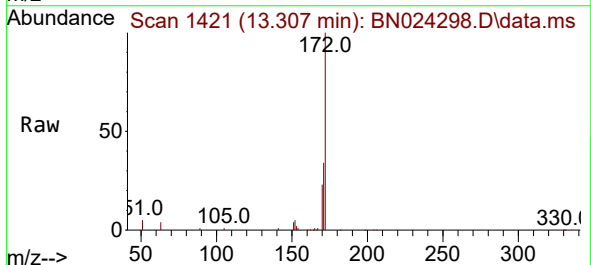
Instrument :
BNA_N
ClientSampleId :
FB01-20230308



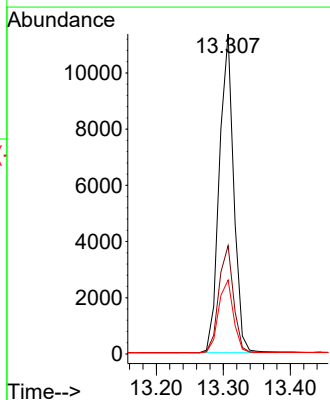
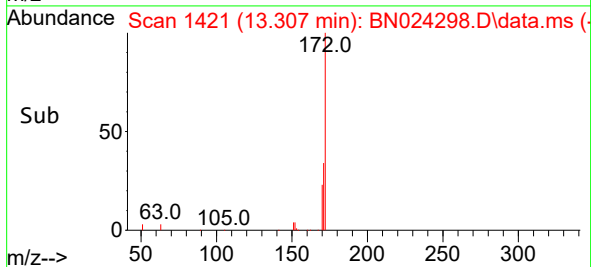
Tgt Ion: 330 Resp: 327
Ion Ratio Lower Upper
330 100
332 95.1 78.0 117.0
141 37.0 30.8 46.2

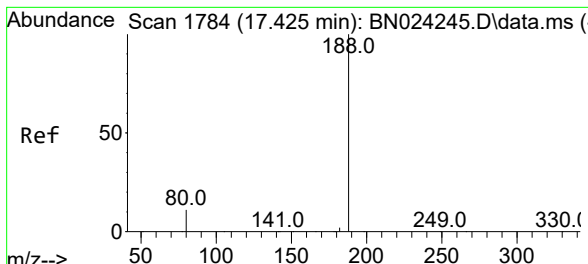


#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024298.D
Acq: 15 Mar 2023 17:56



Tgt Ion: 172 Resp: 16946
Ion Ratio Lower Upper
172 100
171 33.8 27.8 41.8
170 23.1 19.0 28.6

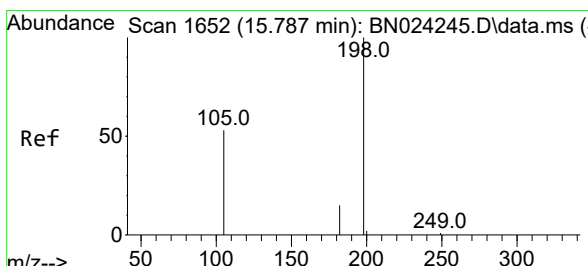
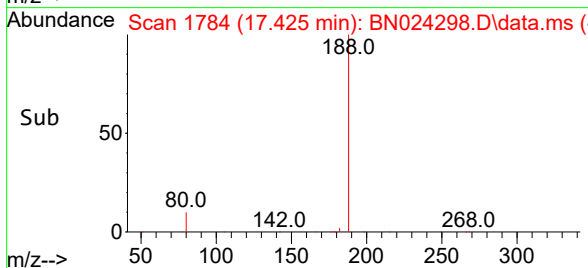
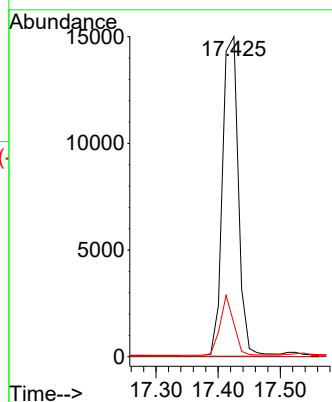
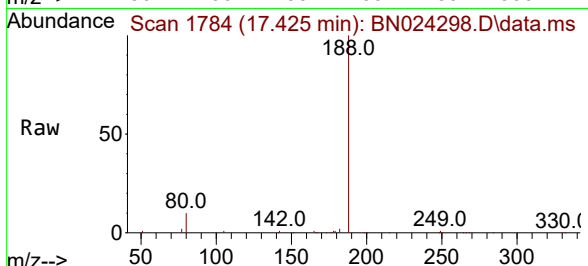




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.425 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024298.D
Acq: 15 Mar 2023 17:56

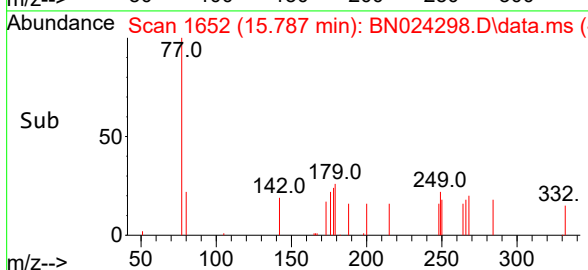
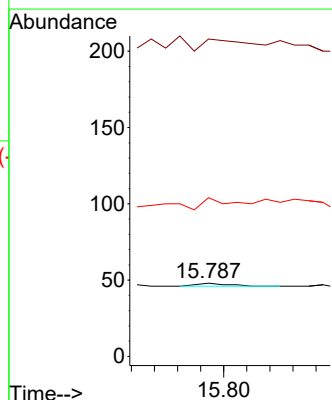
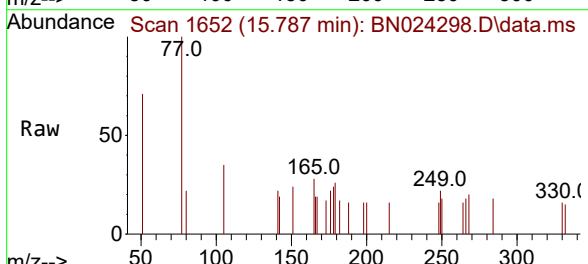
Instrument :
BNA_N
ClientSampleId :
FB01-20230308

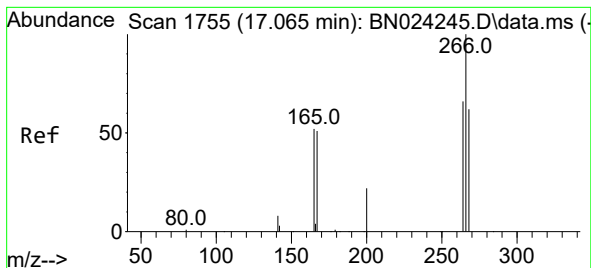
Tgt Ion:188 Resp: 26436
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 8.9 13.3



#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.787 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN024298.D
Acq: 15 Mar 2023 17:56

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 433.3 68.2 102.2#
105 216.7 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.129 ng

RT: 17.078 min Scan# 1755

Delta R.T. 0.013 min

Lab File: BN024298.D

Acq: 15 Mar 2023 17:56

Instrument :

BNA_N

ClientSampleId :

FB01-20230308

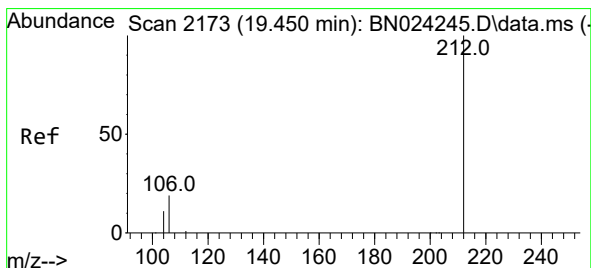
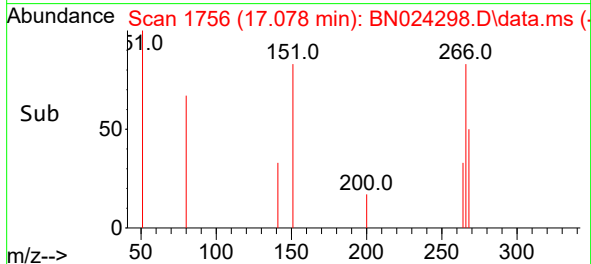
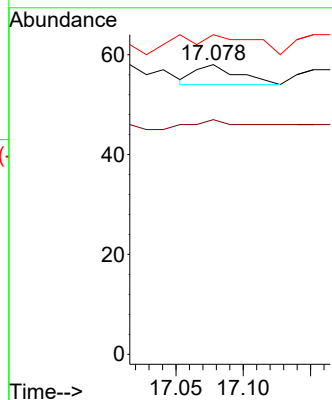
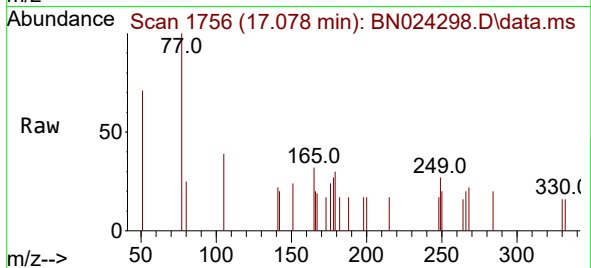
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 88.9 51.1 76.7#

268 0.0 52.2 78.4#



#27

Fluoranthene-d10

Concen: 0.400 ng

RT: 19.446 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BN024298.D

Acq: 15 Mar 2023 17:56

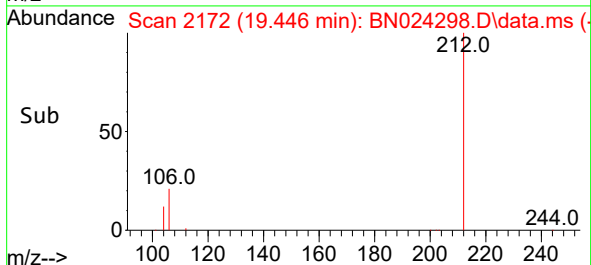
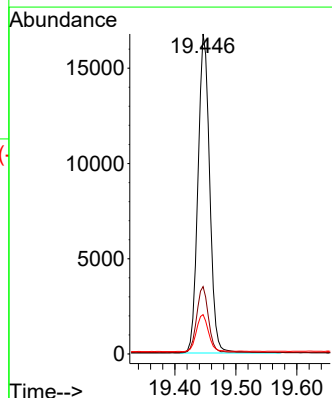
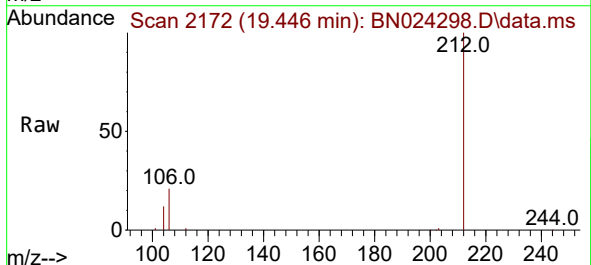
Tgt Ion:212 Resp: 22414

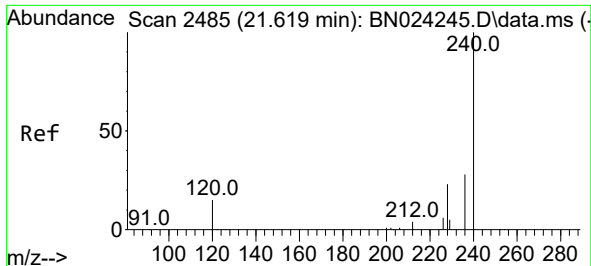
Ion Ratio Lower Upper

212 100

106 20.9 15.4 23.2

104 12.1 8.6 13.0

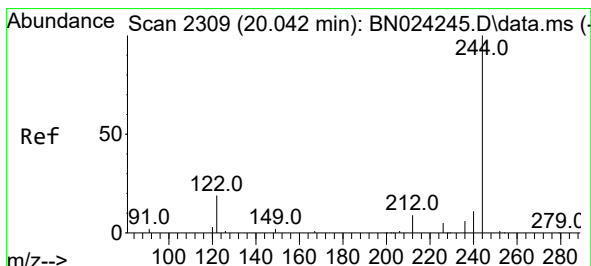
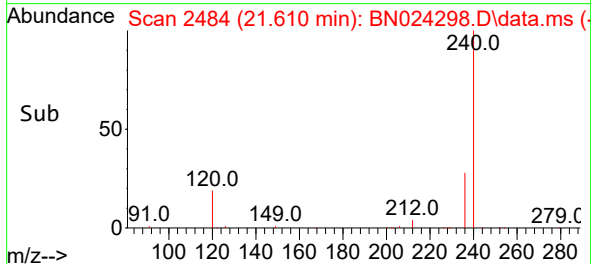
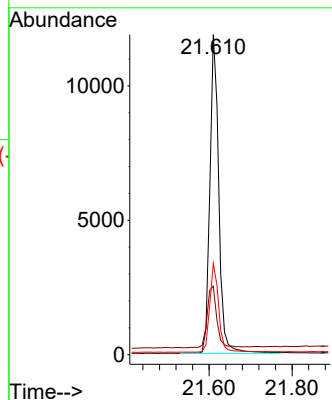
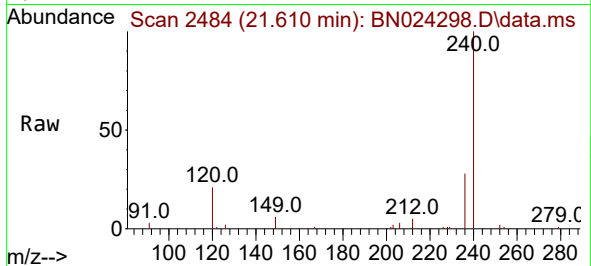




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.000 min
Lab File: BN024298.D
Acq: 15 Mar 2023 17:56

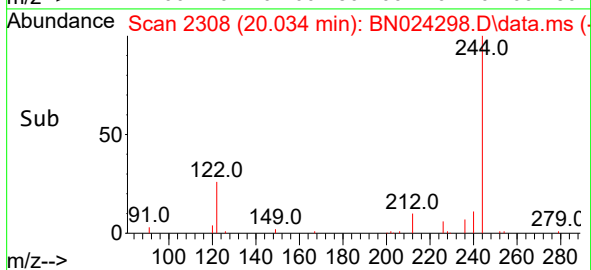
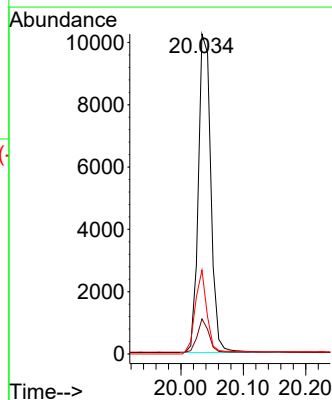
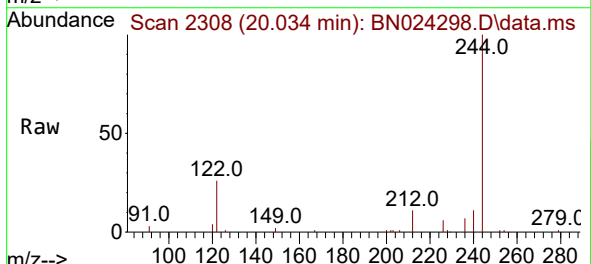
Instrument :
BNA_N
ClientSampleId :
FB01-20230308

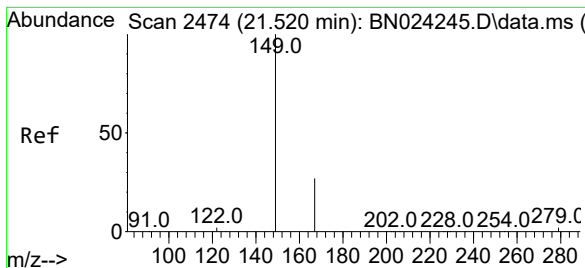
Tgt Ion:240 Resp: 17771
Ion Ratio Lower Upper
240 100
120 21.4 12.8 19.2#
236 28.5 22.5 33.7



#31
Terphenyl-d14
Concen: 0.449 ng
RT: 20.034 min Scan# 2308
Delta R.T. -0.009 min
Lab File: BN024298.D
Acq: 15 Mar 2023 17:56

Tgt Ion:244 Resp: 13455
Ion Ratio Lower Upper
244 100
212 11.0 7.6 11.4
122 26.2 15.1 22.7#

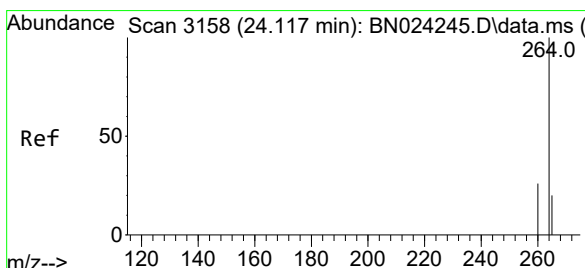
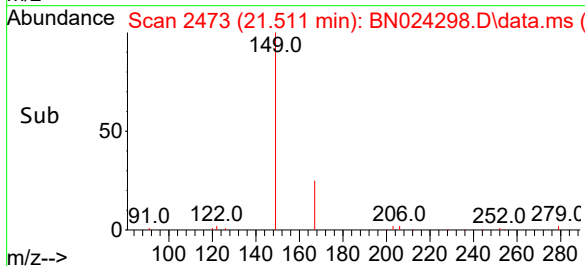
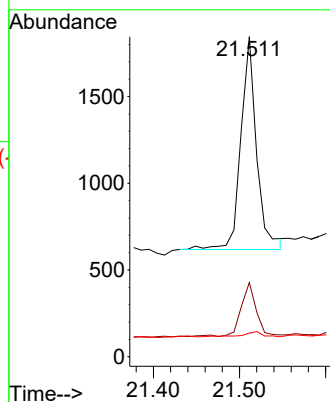
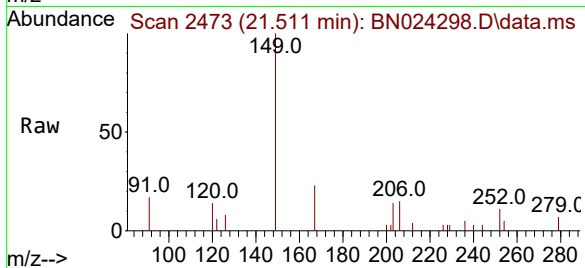




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.056 ng
 RT: 21.511 min Scan# 2473
 Delta R.T. 0.000 min
 Lab File: BN024298.D
 Acq: 15 Mar 2023 17:56

Instrument :
 BNA_N
 ClientSampleId :
 FB01-20230308

Tgt Ion:149 Resp: 1564
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.2 31.8
 279 2.8 1.8 2.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.123 min Scan# 3160
 Delta R.T. -0.006 min
 Lab File: BN024298.D
 Acq: 15 Mar 2023 17:56

Tgt Ion:264 Resp: 13232
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.4 32.2
 265 58.7 35.7 53.5#

