

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032123\
 Data File : BN024457.D
 Acq On : 21 Mar 2023 21:56
 Operator : CG/JU
 Sample : 01880-14DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20230310DL

Quant Time: Mar 22 04:16:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 04:14:21 2023
 Response via : Initial Calibration

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

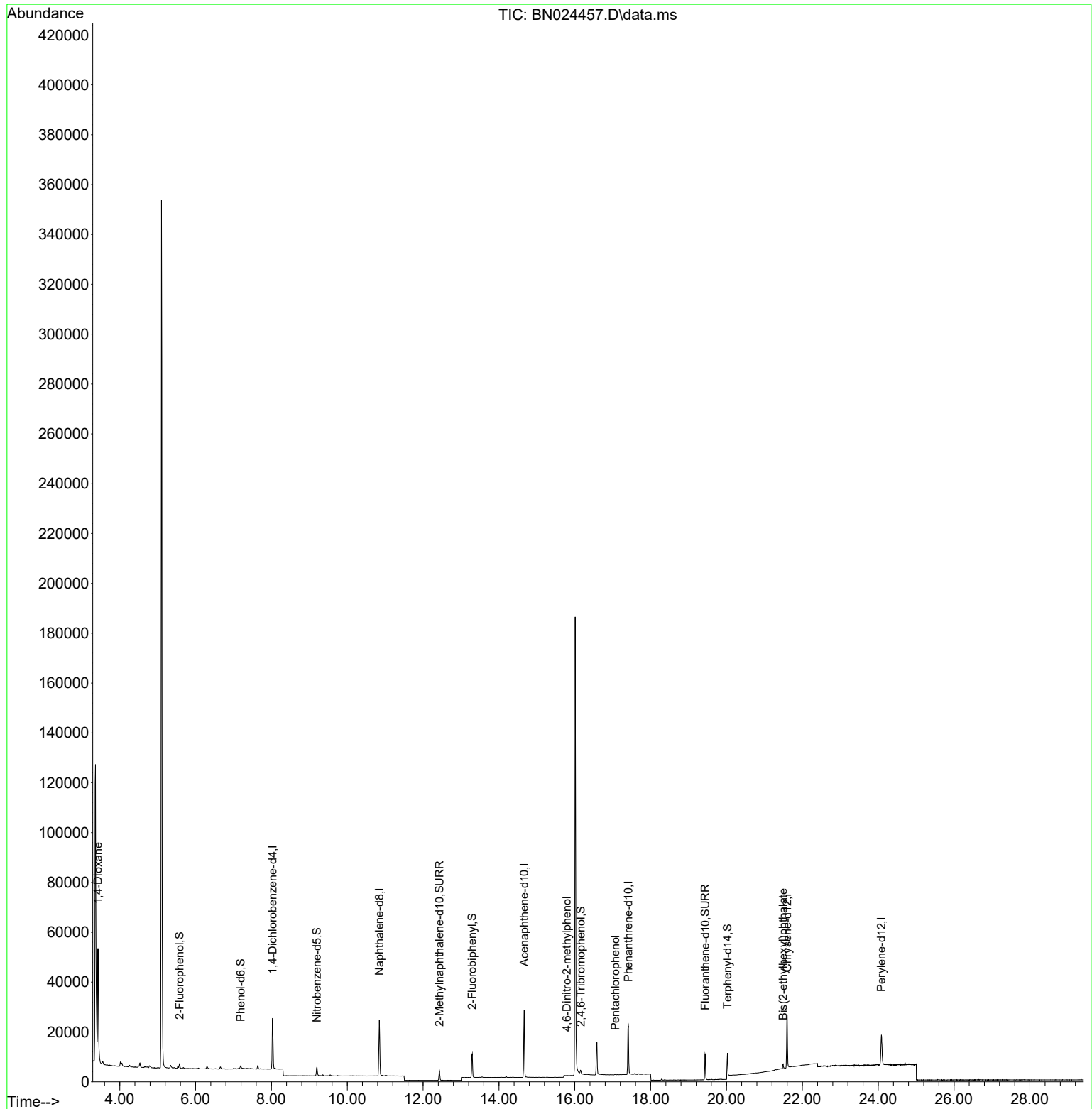
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.032	152	10049	0.400	ng	0.00
7) Naphthalene-d8	10.845	136	28974	0.400	ng	0.00
13) Acenaphthene-d10	14.664	164	14725	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	30645	0.400	ng	0.00
29) Chrysene-d12	21.601	240	22364	0.400	ng	0.00
35) Perylene-d12	24.085	264	19068	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	1543	0.069	ng	0.00
5) Phenol-d6	7.187	99	1138	0.040	ng	0.00
8) Nitrobenzene-d5	9.200	82	3253	0.168	ng	0.01
11) 2-Methylnaphthalene-d10	12.429	152	5452	0.153	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	974	0.129	ng	0.01
15) 2-Fluorobiphenyl	13.296	172	8987	0.162	ng	0.00
27) Fluoranthene-d10	19.437	212	11054	0.170	ng	0.00
31) Terphenyl-d14	20.024	244	6583	0.175	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.425	88	28733	2.628	ng	Qvalue 98
20) 4,6-Dinitro-2-methylph...	15.787	198	6	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	34	0.131	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.493	149	1848	0.053	ng	# 100

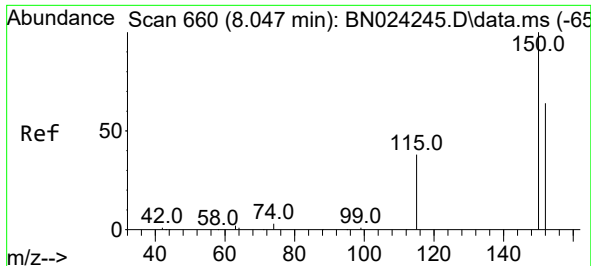
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 04:14:21 2023
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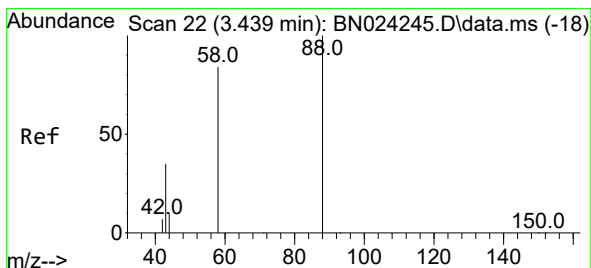
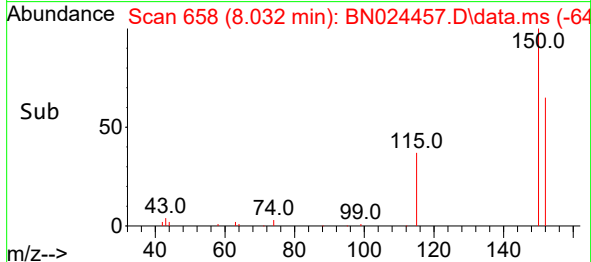
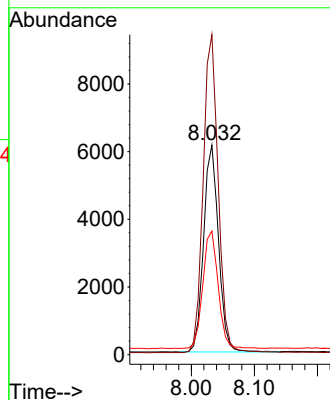
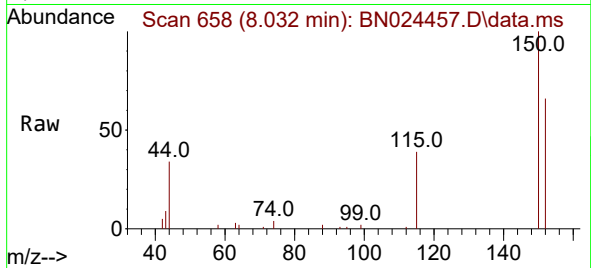




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.032 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN024457.D
 Acq: 21 Mar 2023 21:56

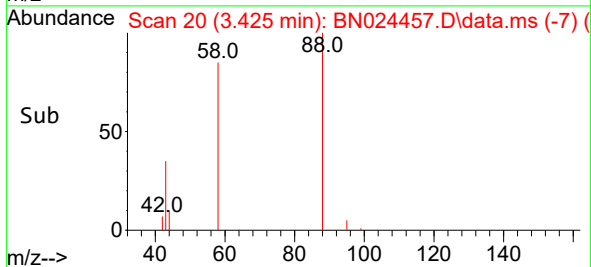
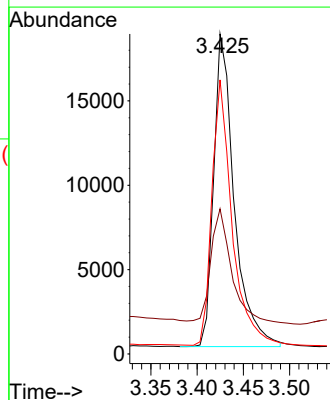
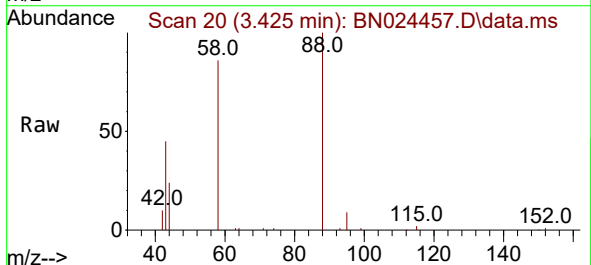
Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20230310DL

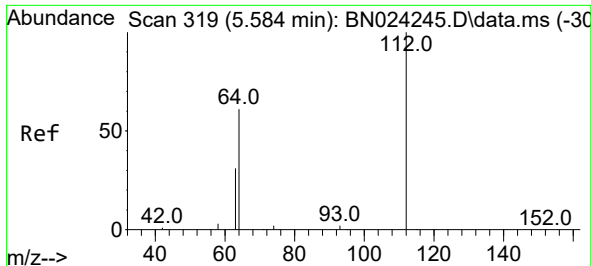
Tgt Ion:152 Resp: 10049
 Ion Ratio Lower Upper
 152 100
 150 152.6 124.7 187.1
 115 59.0 49.1 73.7



#2
 1,4-Dioxane
 Concen: 2.628 ng
 RT: 3.425 min Scan# 20
 Delta R.T. -0.007 min
 Lab File: BN024457.D
 Acq: 21 Mar 2023 21:56

Tgt Ion: 88 Resp: 28733
 Ion Ratio Lower Upper
 88 100
 43 35.9 29.0 43.4
 58 82.3 67.3 100.9

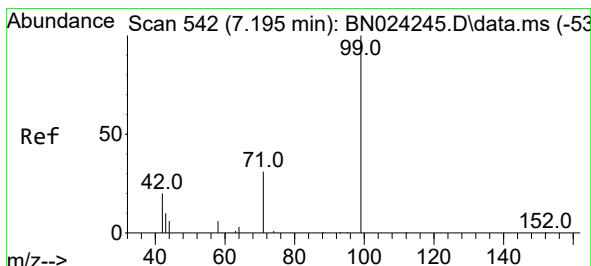
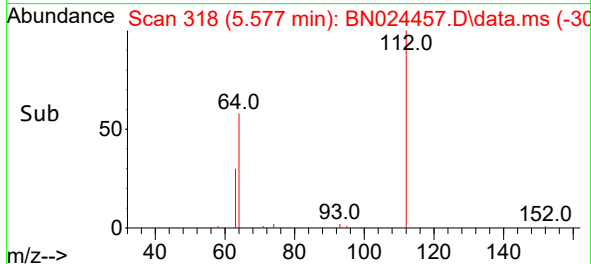
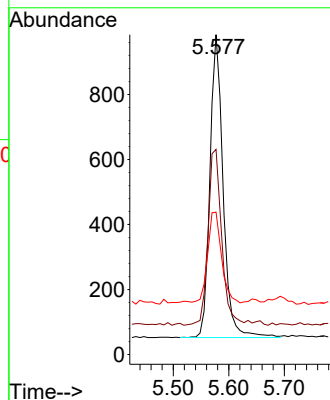
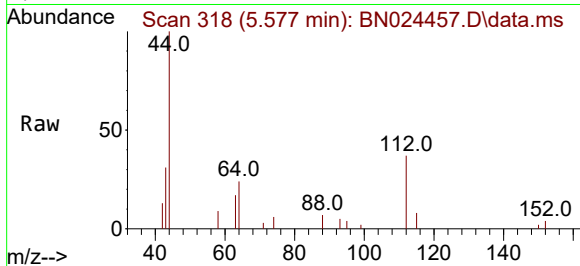




#4
2-Fluorophenol
Concen: 0.069 ng
RT: 5.577 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN024457.D
Acq: 21 Mar 2023 21:56

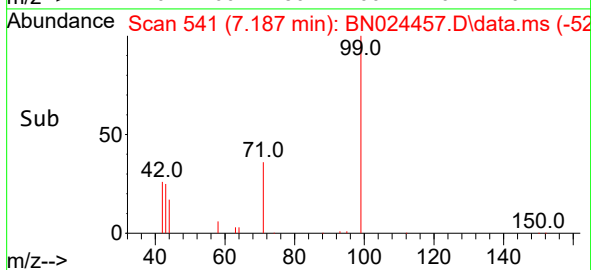
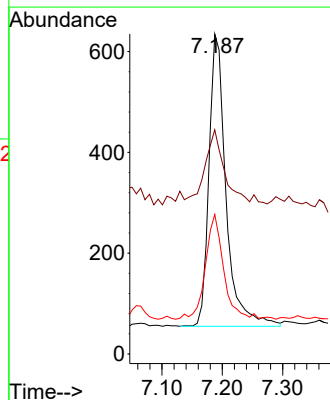
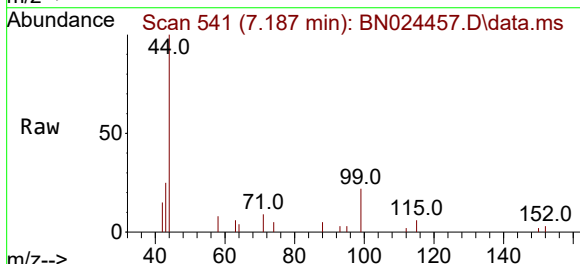
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230310DL

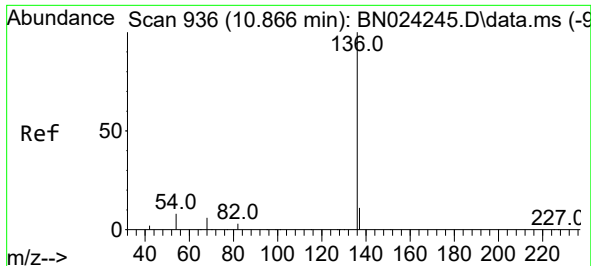
Tgt Ion:112 Resp: 1543
Ion Ratio Lower Upper
112 100
64 60.0 49.0 73.6
63 31.2 25.7 38.5



#5
Phenol-d6
Concen: 0.040 ng
RT: 7.187 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN024457.D
Acq: 21 Mar 2023 21:56

Tgt Ion: 99 Resp: 1138
Ion Ratio Lower Upper
99 100
42 27.2 20.1 30.1
71 38.4 25.8 38.8

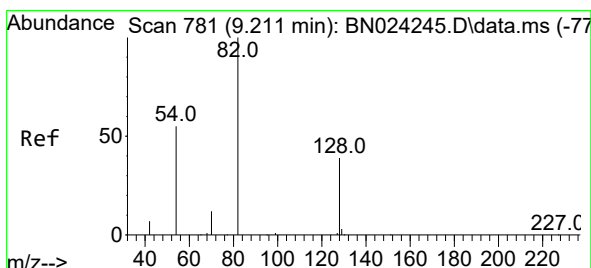
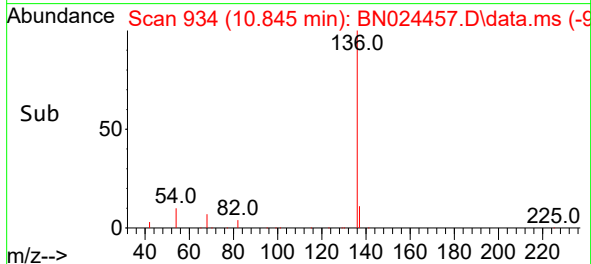
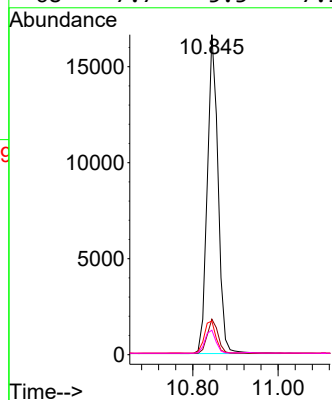
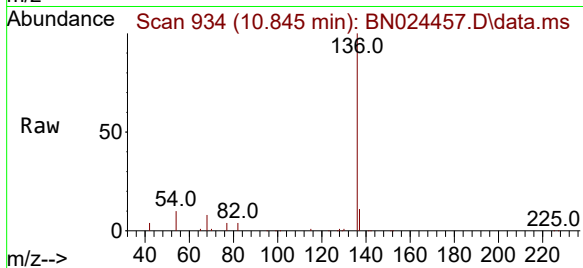




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.845 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN024457.D
Acq: 21 Mar 2023 21:56

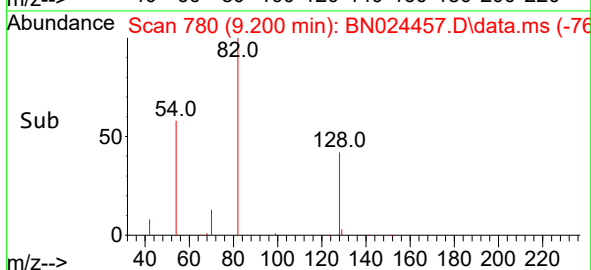
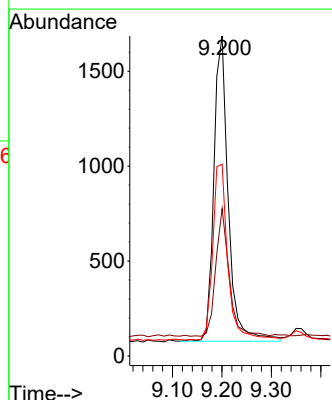
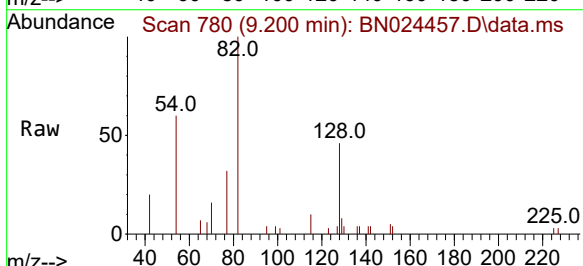
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230310DL

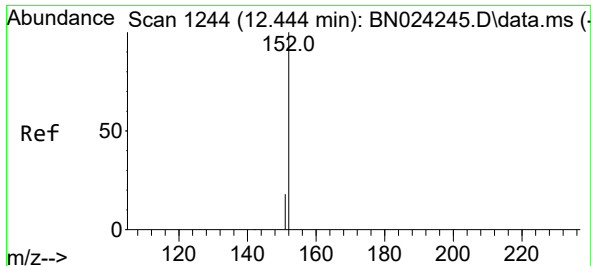
Tgt Ion:	136	Resp:	28974
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.5	7.1	10.7
68	7.7	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.168 ng
RT: 9.200 min Scan# 780
Delta R.T. 0.010 min
Lab File: BN024457.D
Acq: 21 Mar 2023 21:56

Tgt Ion:	82	Resp:	3253
Ion	Ratio	Lower	Upper
82	100		
128	46.0	32.4	48.6
54	60.0	45.2	67.8

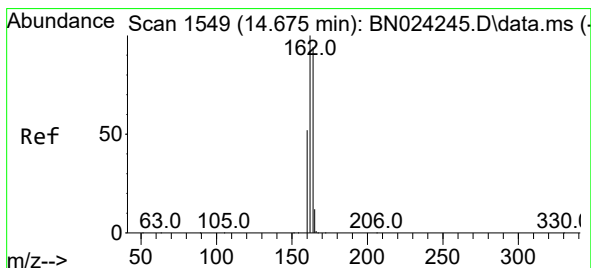
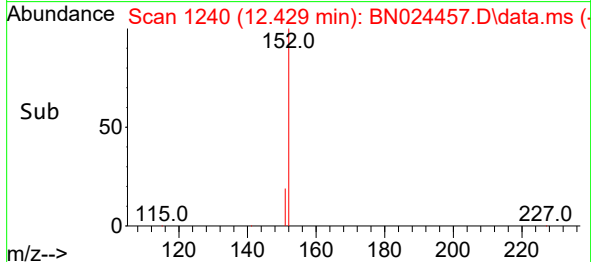
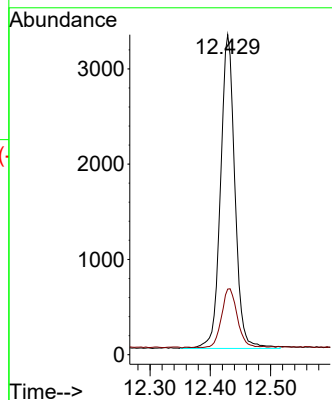
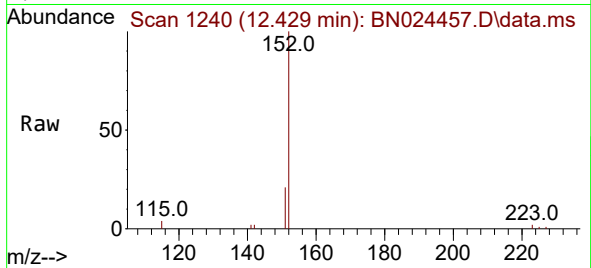




#11
2-Methylnaphthalene-d10
Concen: 0.153 ng
RT: 12.429 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024457.D
Acq: 21 Mar 2023 21:56

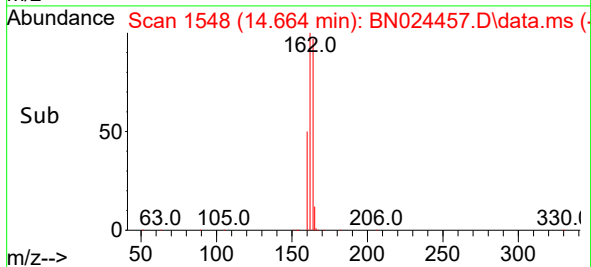
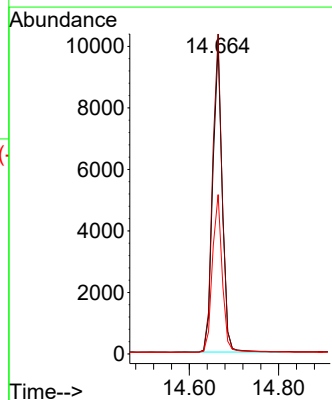
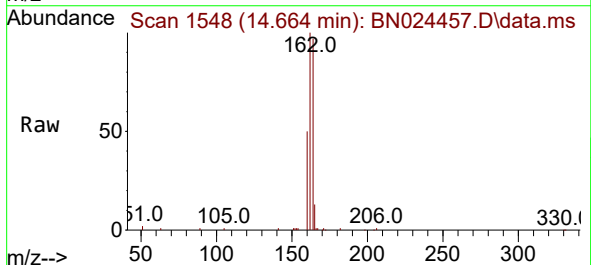
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230310DL

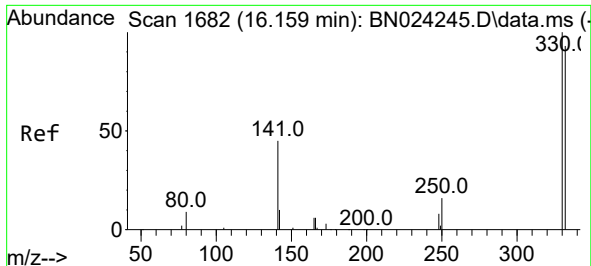
Tgt Ion:152 Resp: 5452
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.664 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BN024457.D
Acq: 21 Mar 2023 21:56

Tgt Ion:164 Resp: 14725
Ion Ratio Lower Upper
164 100
162 103.5 84.7 127.1
160 51.6 44.6 66.8

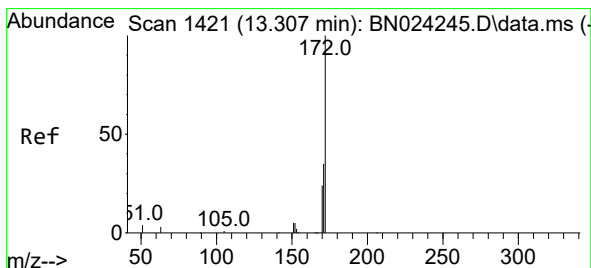
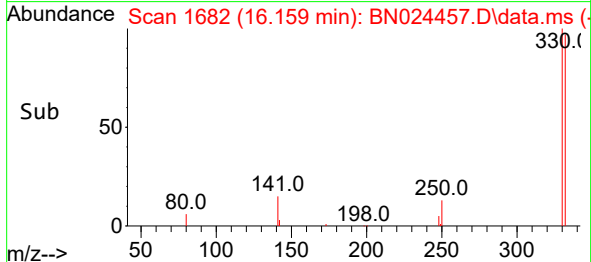
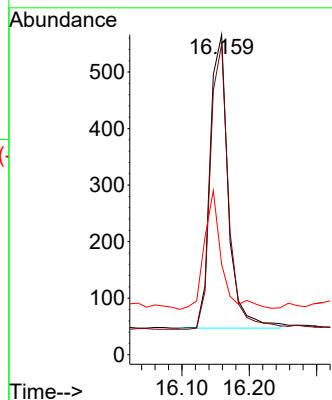
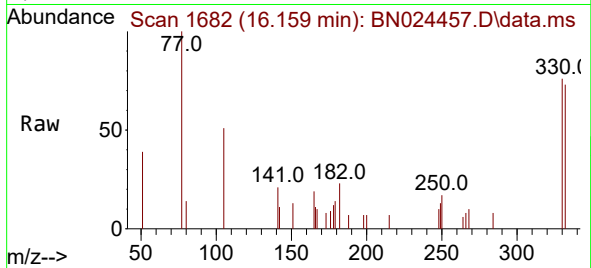




#14
2,4,6-Tribromophenol
Concen: 0.129 ng
RT: 16.159 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN024457.D
Acq: 21 Mar 2023 21:56

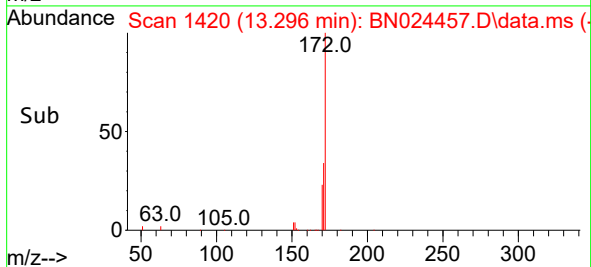
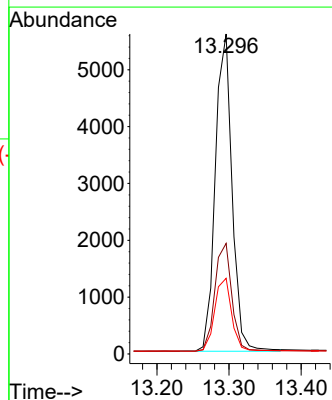
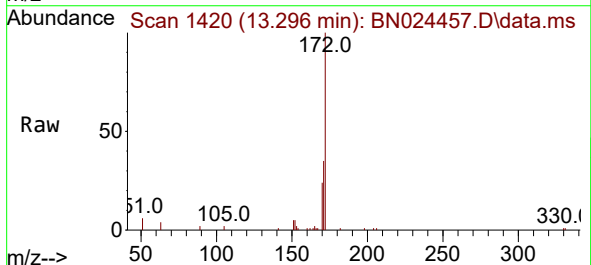
Instrument :
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ClientSampleId :
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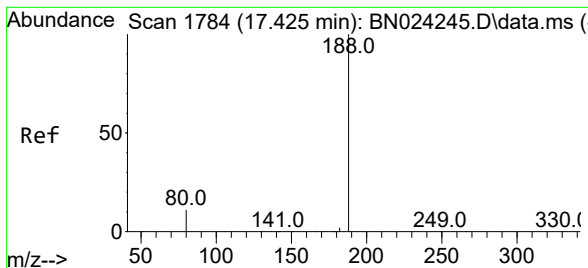
Tgt Ion: 330 Resp: 974
Ion Ratio Lower Upper
330 100
332 97.2 78.0 117.0
141 38.5 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.162 ng
RT: 13.296 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BN024457.D
Acq: 21 Mar 2023 21:56

Tgt Ion: 172 Resp: 8987
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 23.7 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.413 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN024457.D

Acq: 21 Mar 2023 21:56

Instrument :

BNA_N

ClientSampleId :

RE125D1-20230310DL

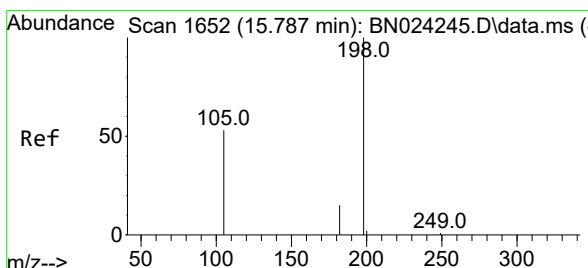
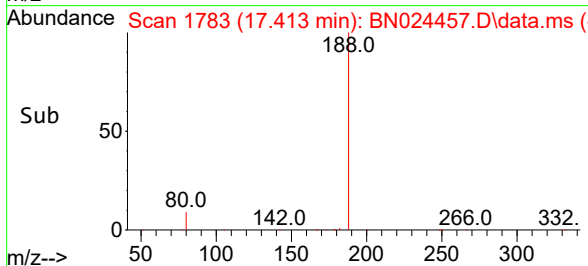
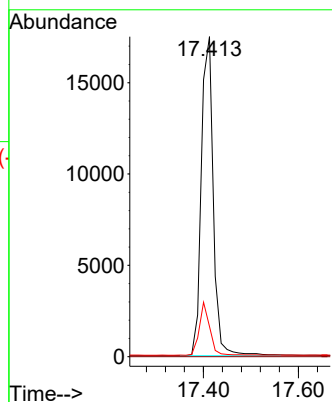
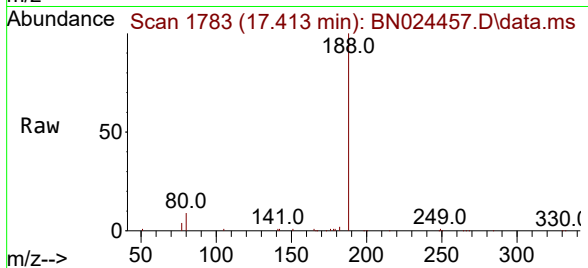
Tgt Ion:188 Resp: 30645

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.5 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: BN024457.D

Acq: 21 Mar 2023 21:56

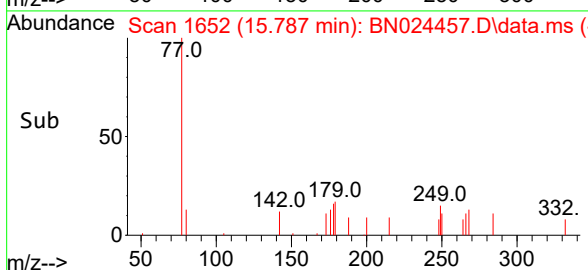
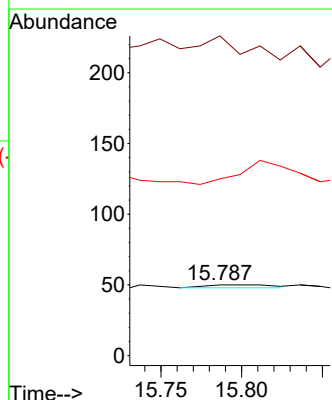
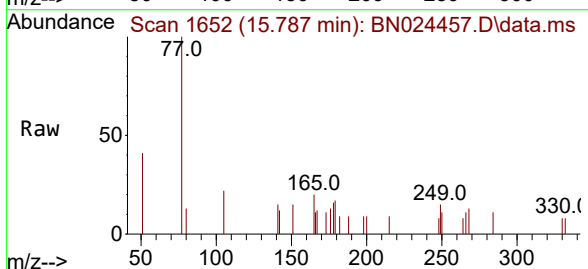
Tgt Ion:198 Resp: 6

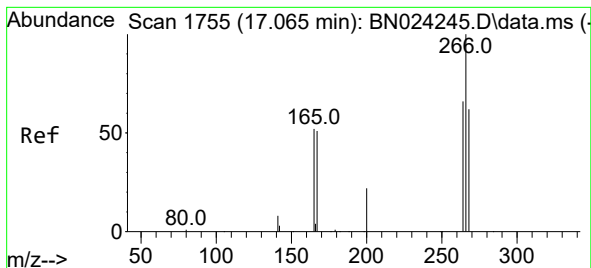
Ion Ratio Lower Upper

198 100

51 452.0 68.2 102.2#

105 250.0 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.131 ng

RT: 17.065 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN024457.D

Acq: 21 Mar 2023 21:56

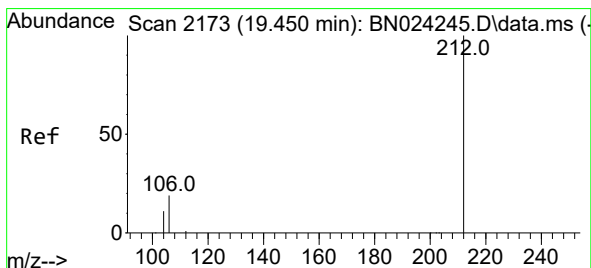
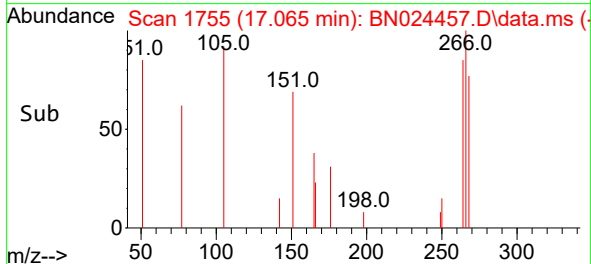
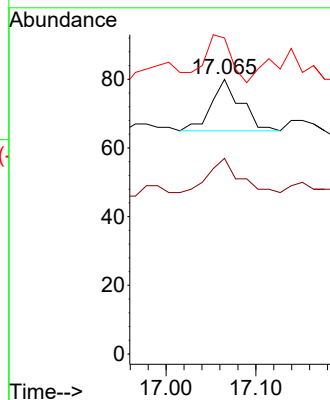
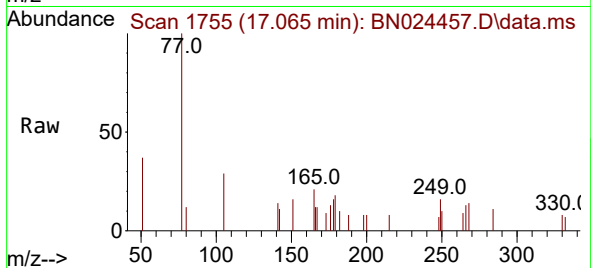
Instrument :

BNA_N

ClientSampleId :

RE125D1-20230310DL

Tgt Ion:	266	Resp:	34
Ion Ratio	Lower	Upper	
266	100		
264	67.6	51.1	76.7
268	79.4	52.2	78.4



#27

Fluoranthene-d10

Concen: 0.170 ng

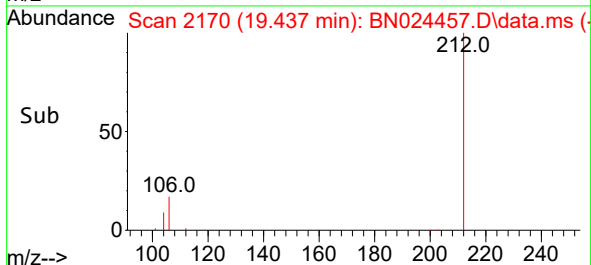
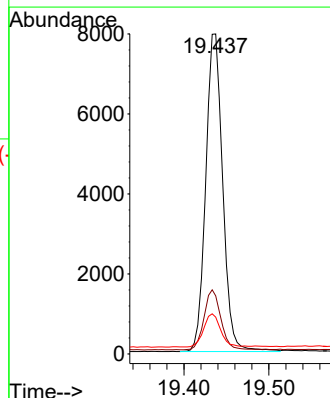
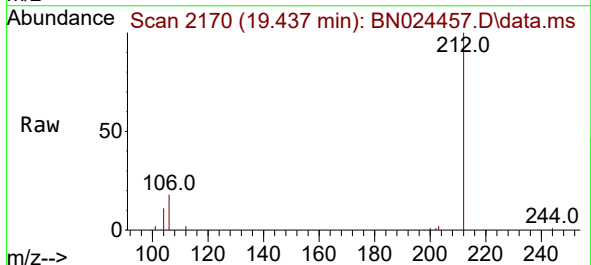
RT: 19.437 min Scan# 2170

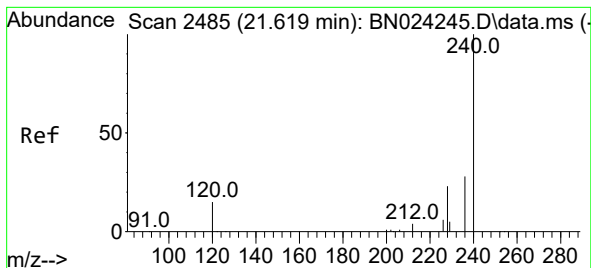
Delta R.T. -0.000 min

Lab File: BN024457.D

Acq: 21 Mar 2023 21:56

Tgt Ion:	212	Resp:	11054
Ion Ratio	Lower	Upper	
212	100		
106	18.7	15.4	23.2
104	10.3	8.6	13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.601 min Scan# 2483

Delta R.T. 0.009 min

Lab File: BN024457.D

Acq: 21 Mar 2023 21:56

Instrument :

BNA_N

ClientSampleId :

RE125D1-20230310DL

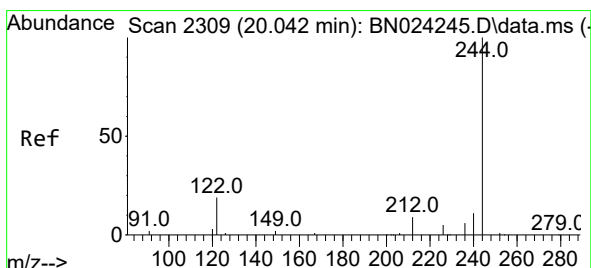
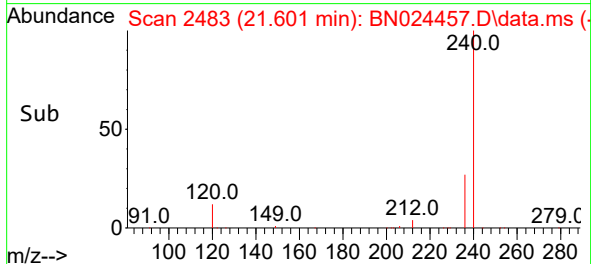
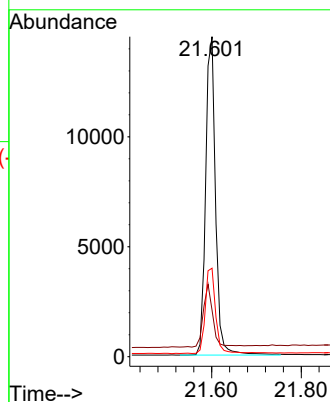
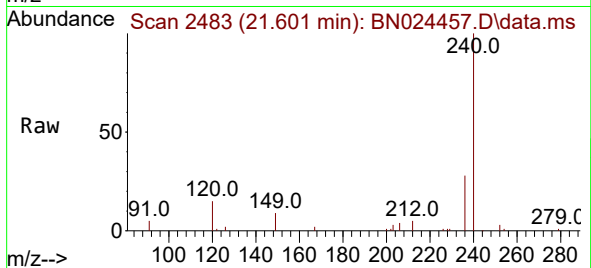
Tgt Ion:240 Resp: 22364

Ion Ratio Lower Upper

240 100

120 14.5 12.8 19.2

236 27.7 22.5 33.7



#31

Terphenyl-d14

Concen: 0.175 ng

RT: 20.024 min Scan# 2307

Delta R.T. -0.000 min

Lab File: BN024457.D

Acq: 21 Mar 2023 21:56

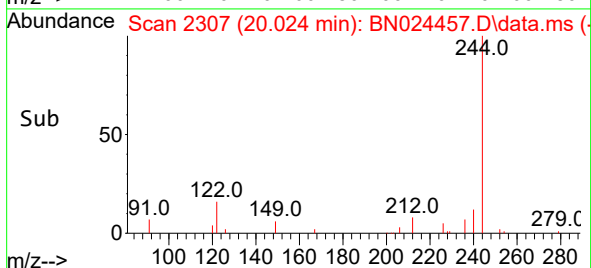
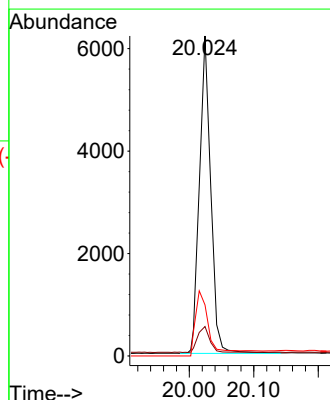
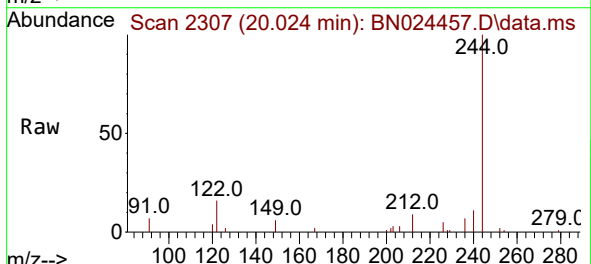
Tgt Ion:244 Resp: 6583

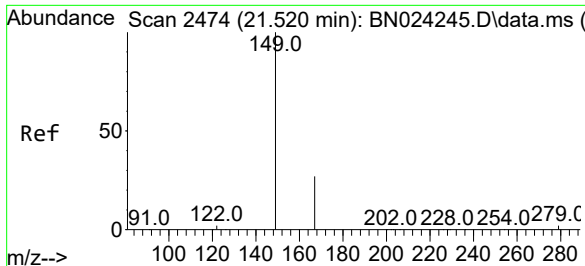
Ion Ratio Lower Upper

244 100

212 9.2 7.6 11.4

122 15.9 15.1 22.7

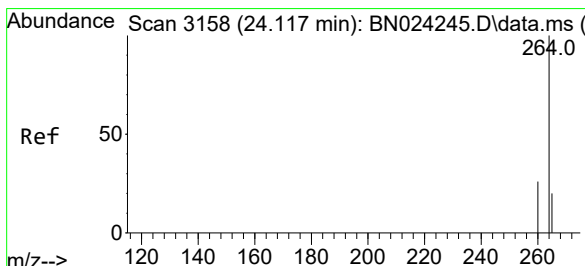
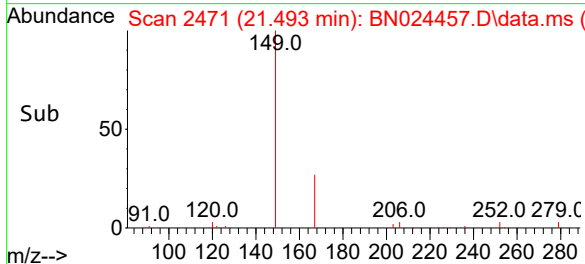
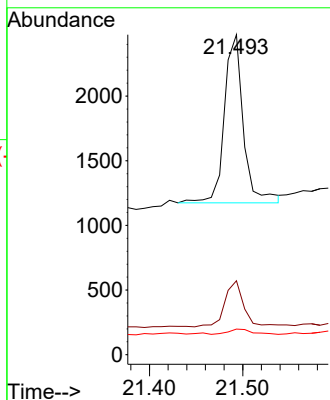
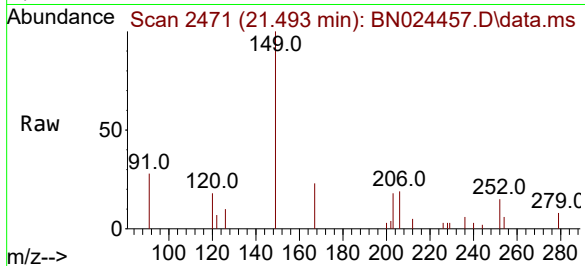




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.053 ng
RT: 21.493 min Scan# 2471
Delta R.T. -0.000 min
Lab File: BN024457.D
Acq: 21 Mar 2023 21:56

Instrument :
BNA_N
ClientSampleId :
RE125D1-20230310DL

Tgt Ion:149 Resp: 1848
Ion Ratio Lower Upper
149 100
167 26.6 21.2 31.8
279 3.6 1.8 2.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.085 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BN024457.D
Acq: 21 Mar 2023 21:56

Tgt Ion:264 Resp: 19068
Ion Ratio Lower Upper
264 100
260 26.4 21.4 32.2
265 70.1 35.7 53.5#

