

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031523\
 Data File : BN024293.D
 Acq On : 15 Mar 2023 14:54
 Operator : CG/JU
 Sample : 01843-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20230306

Quant Time: Mar 16 01:18:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 16 01:06:57 2023
 Response via : Initial Calibration

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

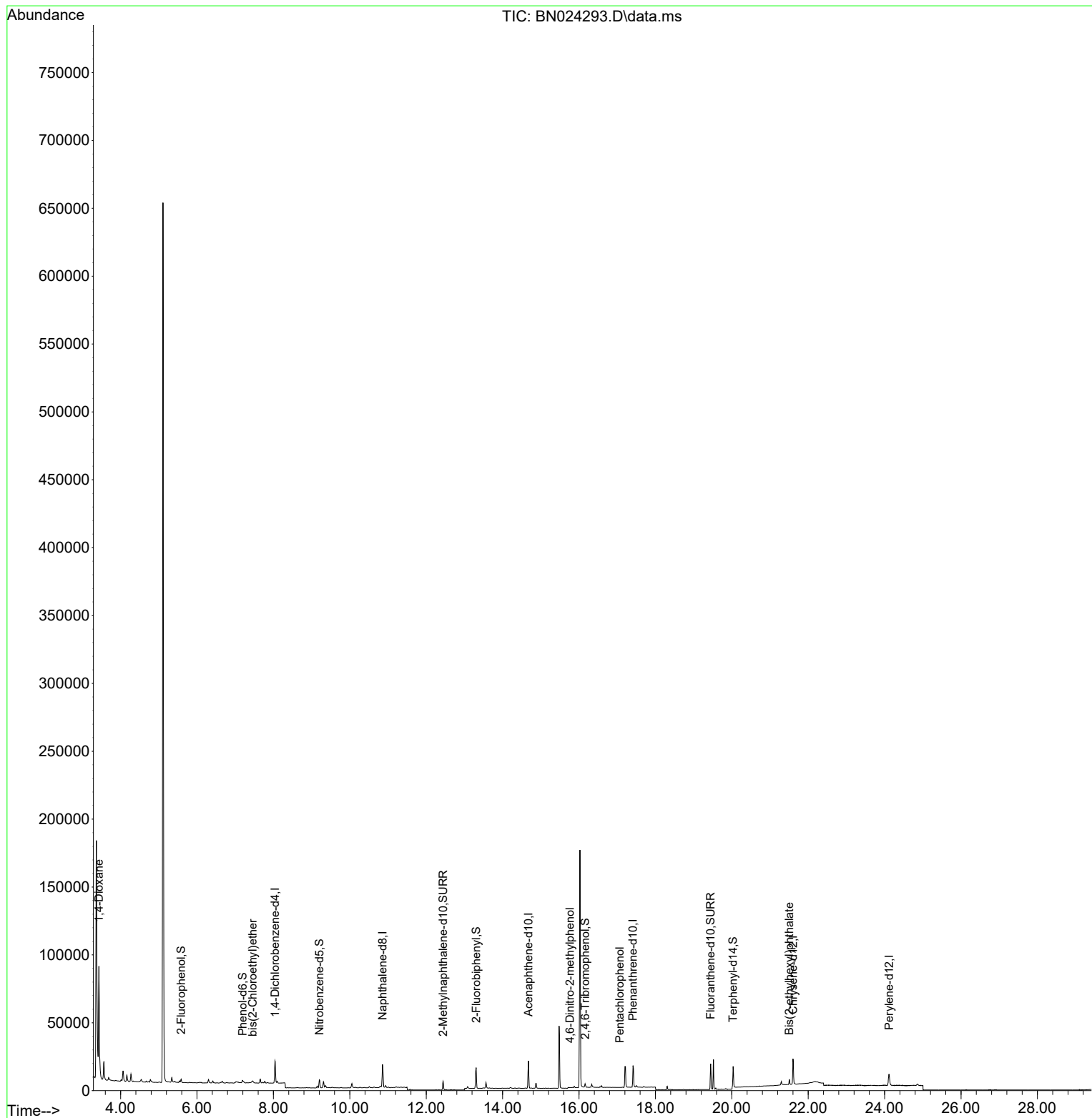
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	7343	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	22098	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	10827	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	22413	0.400	ng	#-0.01
29) Chrysene-d12	21.601	240	17967	0.400	ng	# 0.00
35) Perylene-d12	24.114	264	14195	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	1956	0.120	ng	0.00
5) Phenol-d6	7.195	99	1479	0.071	ng	0.00
8) Nitrobenzene-d5	9.200	82	5007	0.339	ng	0.00
11) 2-Methylnaphthalene-d10	12.440	152	8483	0.312	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1377	0.249	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	13148	0.321	ng	0.00
27) Fluoranthene-d10	19.446	212	19274	0.406	ng	0.00
31) Terphenyl-d14	20.033	244	11598	0.383	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	51655	6.465	ng	Qvalue 96
6) bis(2-Chloroethyl)ether	7.455	93	874	0.042	ng	# 87
20) 4,6-Dinitro-2-methylph...	15.762	198	10	0.181	ng	# 1
24) Pentachlorophenol	17.065	266	29	0.131	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.502	149	3872	0.137	ng	# 95

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

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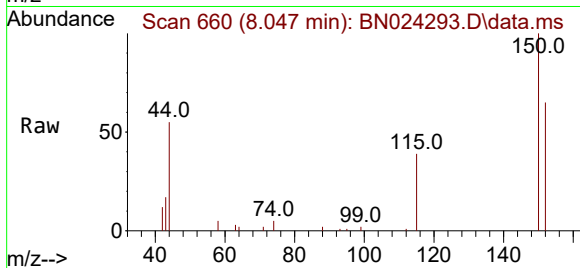
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 16 01:06:57 2023
Response via : Initial Calibration



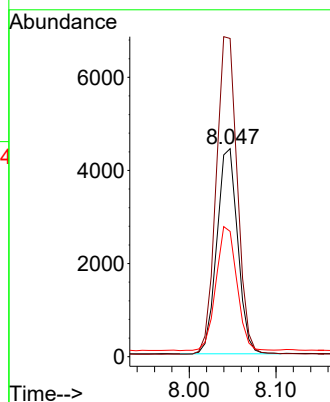
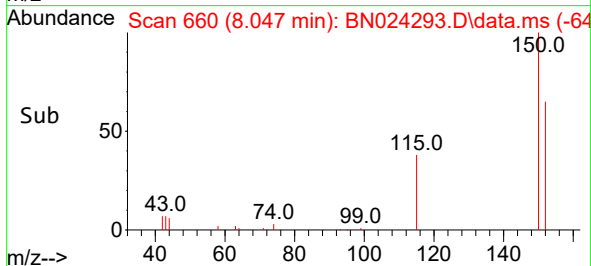


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.047 min Scan# 60
Delta R.T. 0.007 min
Lab File: BN024293.D
Acq: 15 Mar 2023 14:54

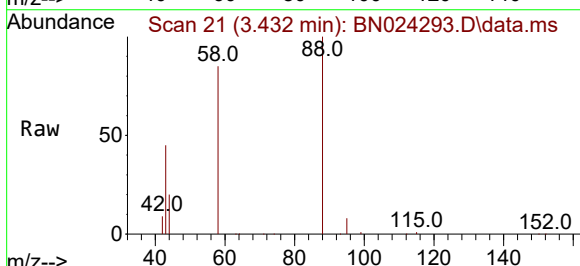
Instrument :
BNA_N
ClientSampleId :
RE132D5-20230306



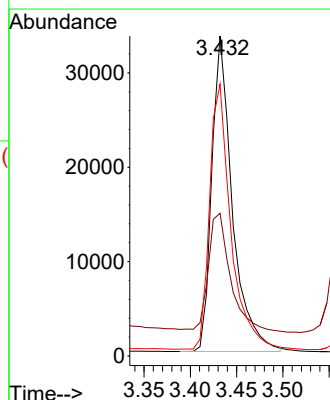
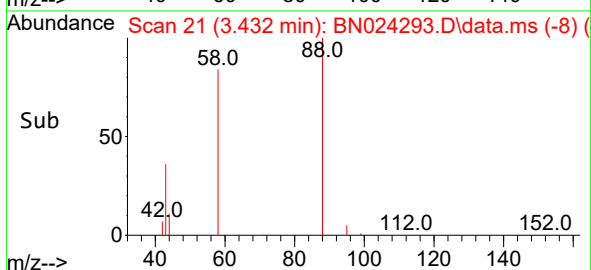
Tgt Ion:152 Resp: 7343
Ion Ratio Lower Upper
152 100
150 153.0 124.7 187.1
115 60.2 49.1 73.7



#2
1,4-Dioxane
Concen: 6.465 ng
RT: 3.432 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN024293.D
Acq: 15 Mar 2023 14:54



Tgt Ion: 88 Resp: 51655
Ion Ratio Lower Upper
88 100
43 40.0 29.0 43.4
58 86.5 67.3 100.9

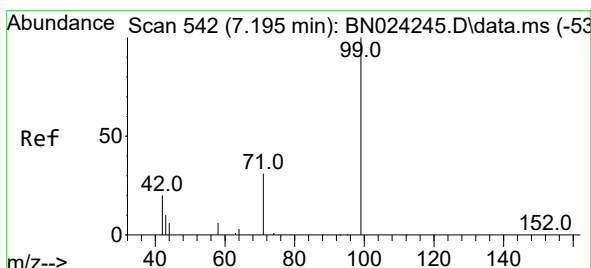
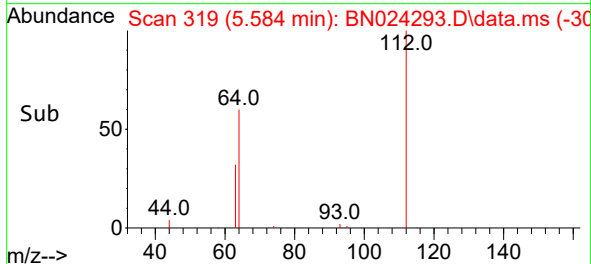
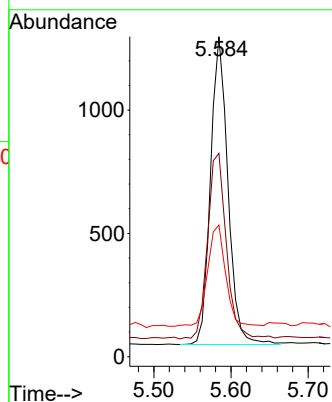
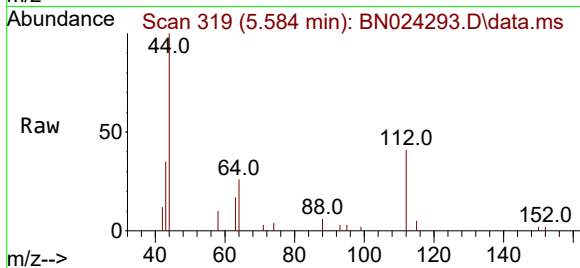




#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.584 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN024293.D
Acq: 15 Mar 2023 14:54

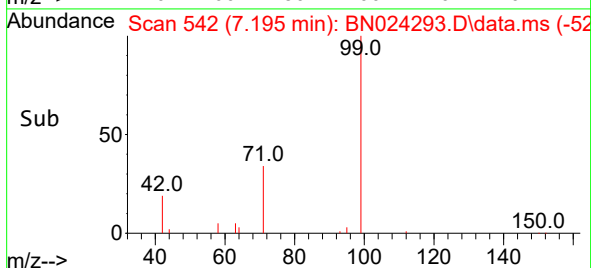
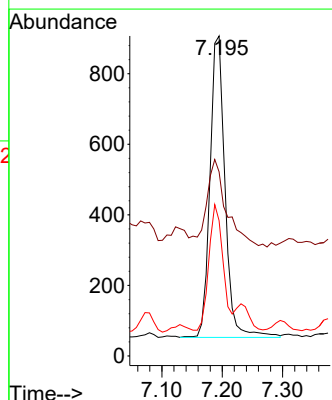
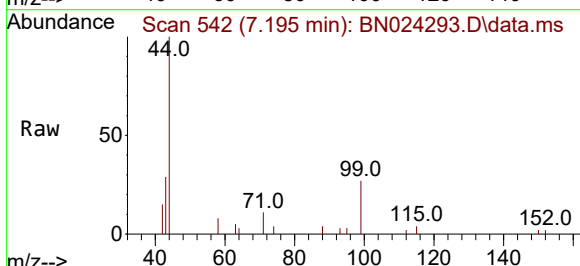
Instrument :
BNA_N
ClientSampleId :
RE132D5-20230306

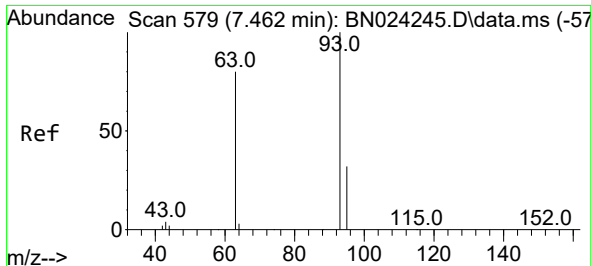
Tgt Ion:112 Resp: 1956
Ion Ratio Lower Upper
112 100
64 65.1 49.0 73.6
63 34.0 25.7 38.5



#5
Phenol-d6
Concen: 0.071 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN024293.D
Acq: 15 Mar 2023 14:54

Tgt Ion: 99 Resp: 1479
Ion Ratio Lower Upper
99 100
42 37.4 20.1 30.1#
71 39.4 25.8 38.8#

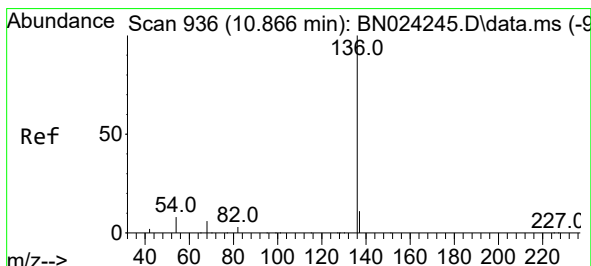
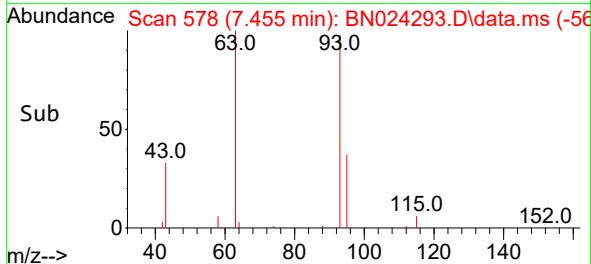
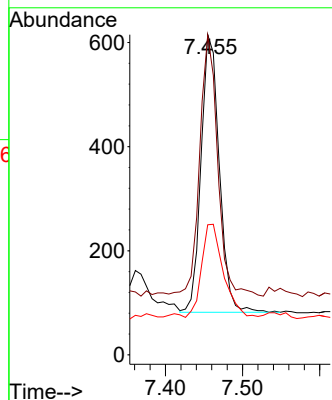
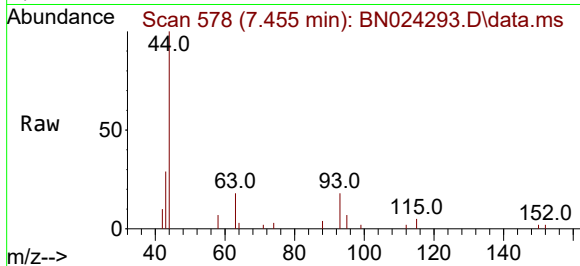




#6
bis(2-Chloroethyl)ether
Concen: 0.042 ng
RT: 7.455 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN024293.D
Acq: 15 Mar 2023 14:54

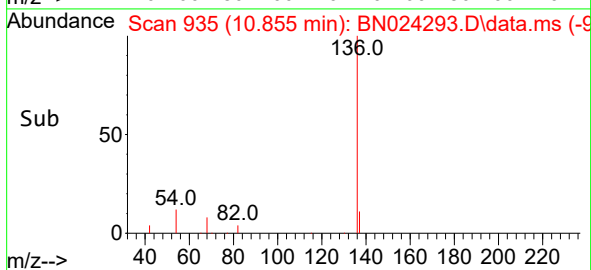
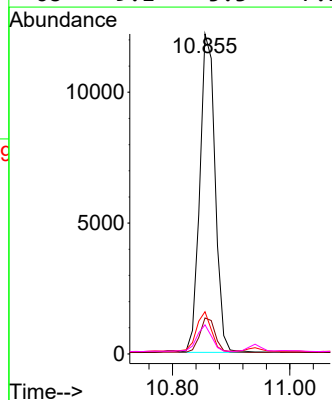
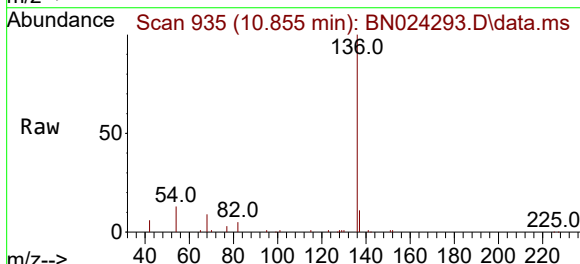
Instrument :
BNA_N
ClientSampleId :
RE132D5-20230306

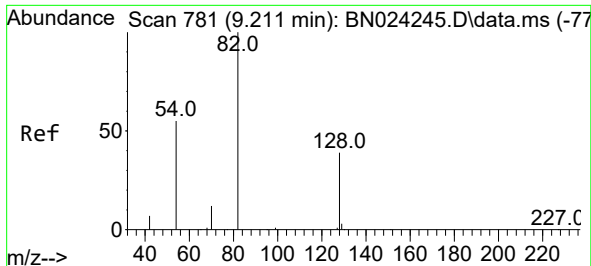
Tgt Ion: 93 Resp: 874
Ion Ratio Lower Upper
93 100
63 93.1 65.4 98.2
95 40.7 25.8 38.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 935
Delta R.T. -0.000 min
Lab File: BN024293.D
Acq: 15 Mar 2023 14:54

Tgt Ion:136 Resp: 22098
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 13.2 7.1 10.7#
68 9.1 5.3 7.9#

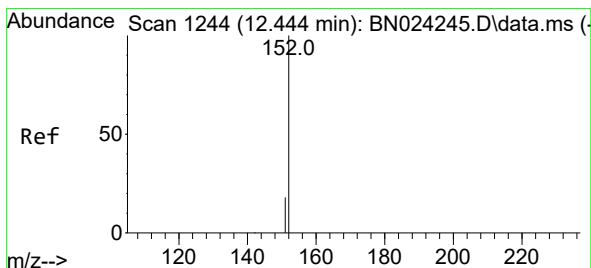
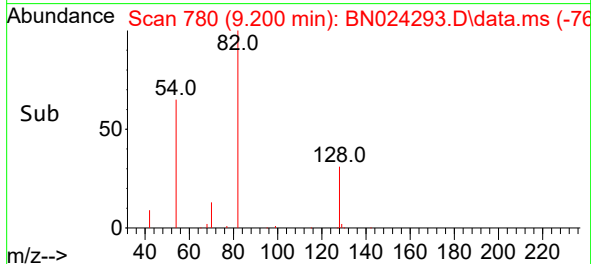
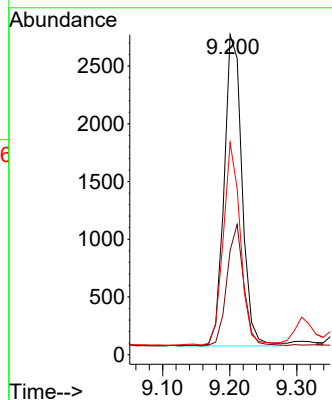
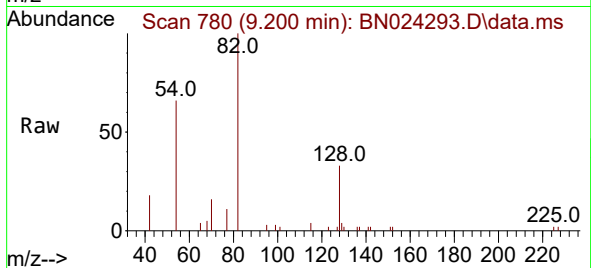




#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 9.200 min Scan# 781
Delta R.T. -0.000 min
Lab File: BN024293.D
Acq: 15 Mar 2023 14:54

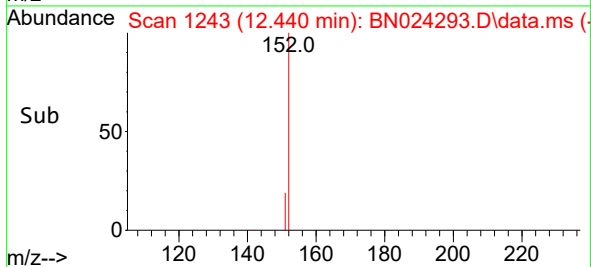
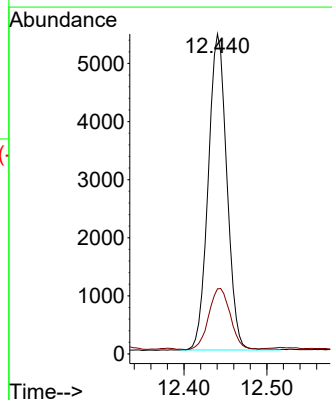
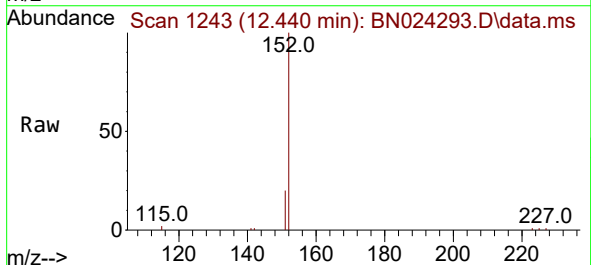
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ClientSampleId :
RE132D5-20230306

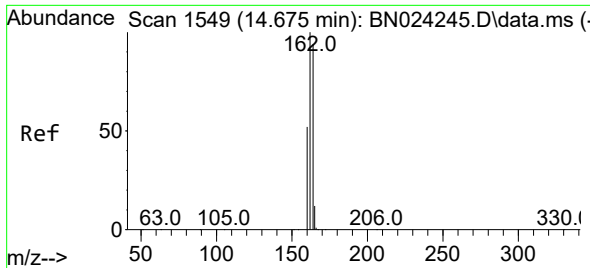
Tgt Ion: 82 Resp: 5007
Ion Ratio Lower Upper
82 100
128 32.6 32.4 48.6
54 66.3 45.2 67.8



#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 12.440 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BN024293.D
Acq: 15 Mar 2023 14:54

Tgt Ion: 152 Resp: 8483
Ion Ratio Lower Upper
152 100
151 22.4 16.8 25.2

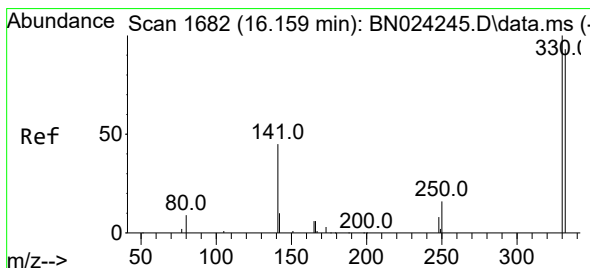
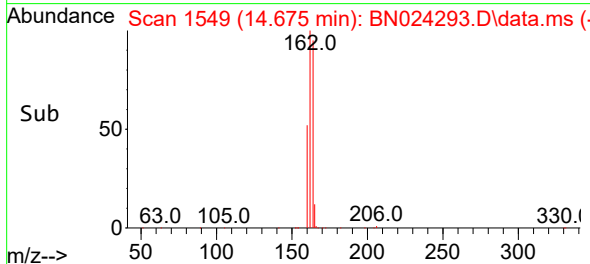
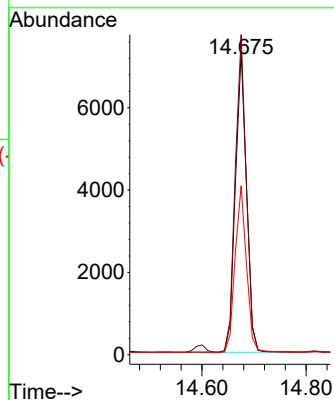
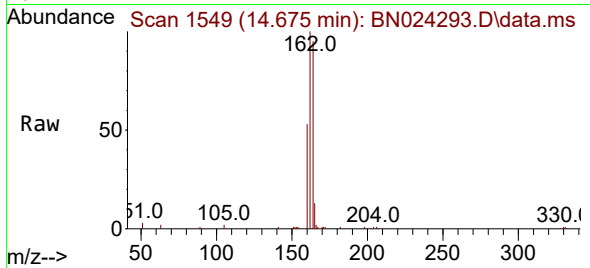




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BN024293.D
Acq: 15 Mar 2023 14:54

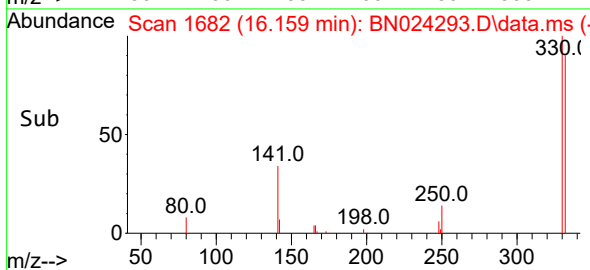
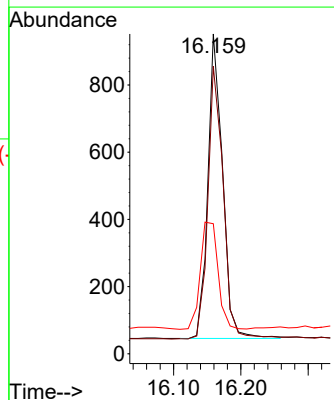
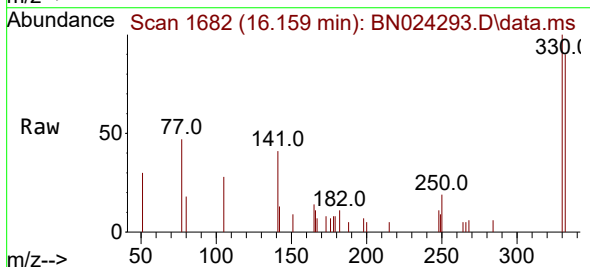
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ClientSampleId :
RE132D5-20230306

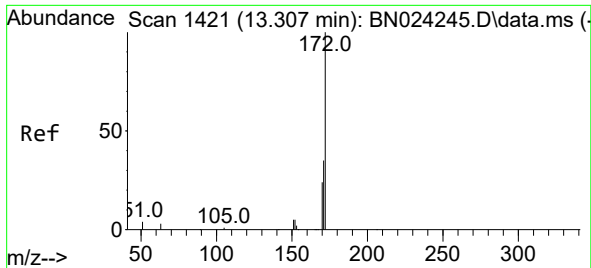
Tgt Ion:164 Resp: 10827
Ion Ratio Lower Upper
164 100
162 105.3 84.7 127.1
160 55.6 44.6 66.8



#14
2,4,6-Tribromophenol
Concen: 0.249 ng
RT: 16.159 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BN024293.D
Acq: 15 Mar 2023 14:54

Tgt Ion:330 Resp: 1377
Ion Ratio Lower Upper
330 100
332 93.5 78.0 117.0
141 42.4 30.8 46.2

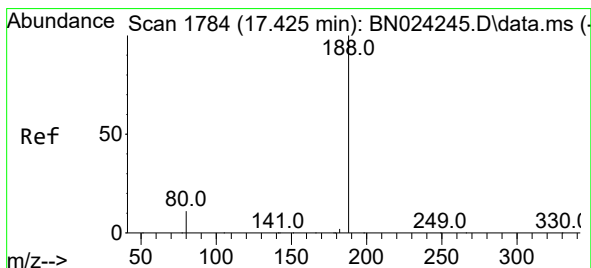
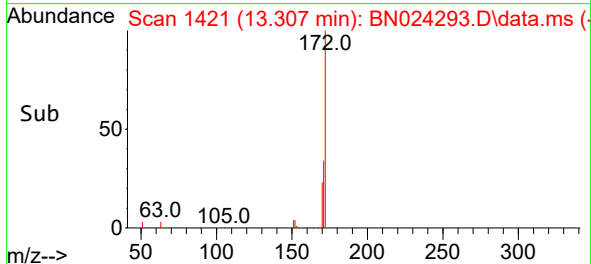
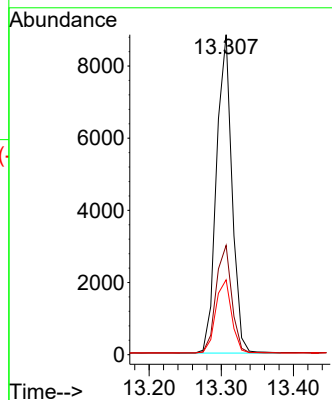
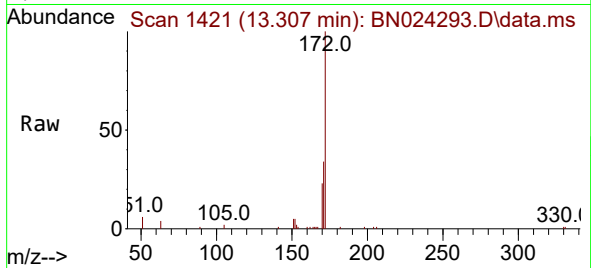




#15
2-Fluorobiphenyl
Concen: 0.321 ng
RT: 13.307 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN024293.D
Acq: 15 Mar 2023 14:54

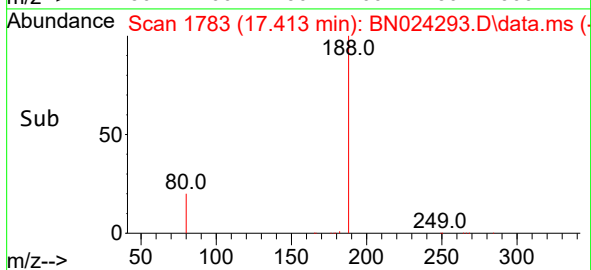
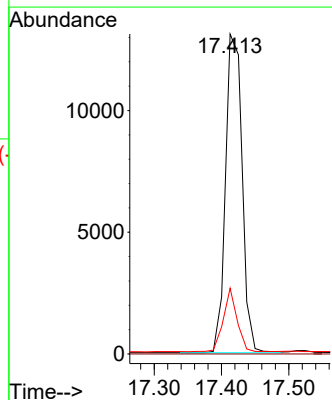
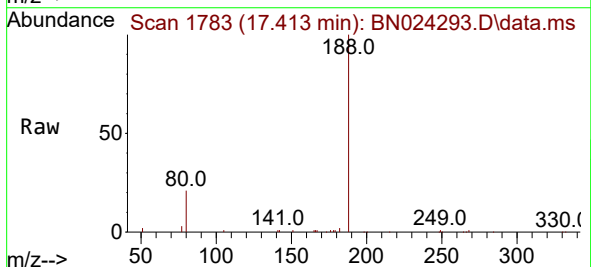
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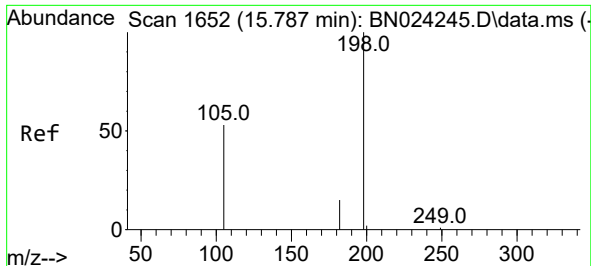
Tgt Ion:172 Resp: 13148
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.8
170 23.4 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 1783
Delta R.T. -0.012 min
Lab File: BN024293.D
Acq: 15 Mar 2023 14:54

Tgt Ion:188 Resp: 22413
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 20.5 8.9 13.3

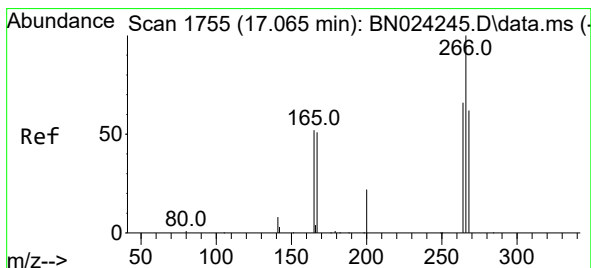
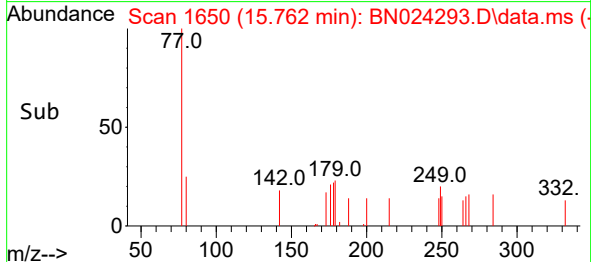
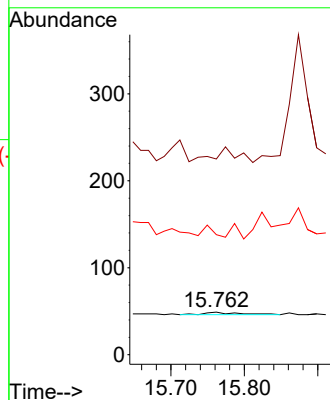
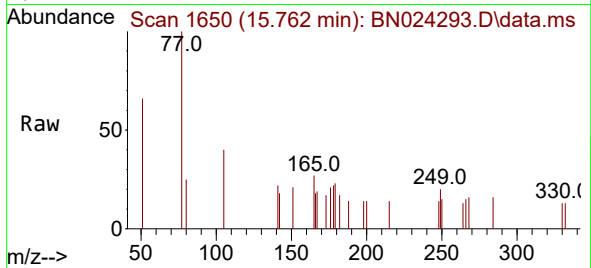




#20
4,6-Dinitro-2-methylphenol
Concen: 0.181 ng
RT: 15.762 min Scan# 1650
Delta R.T. -0.025 min
Lab File: BN024293.D
Acq: 15 Mar 2023 14:54

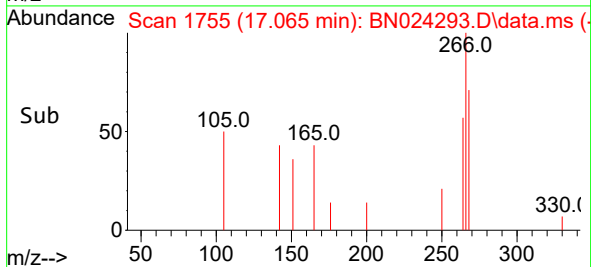
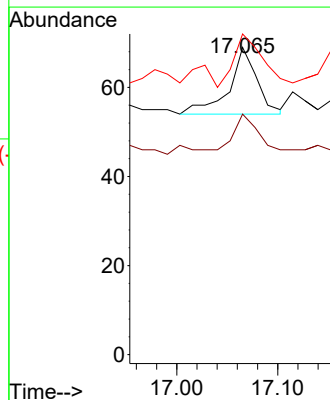
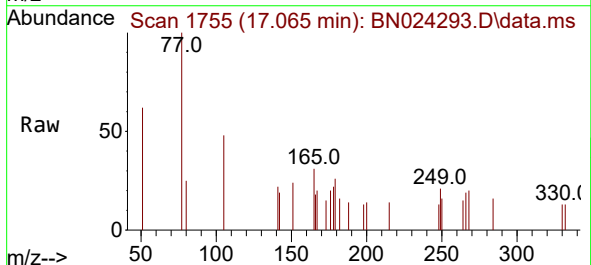
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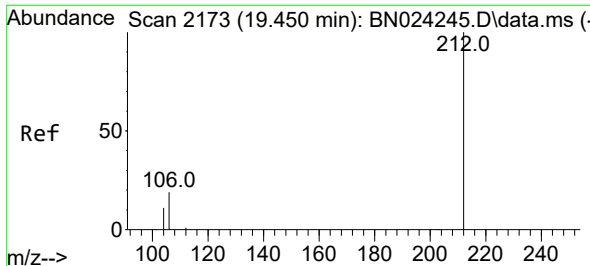
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 459.2 68.2 102.2#
105 281.6 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.131 ng
RT: 17.065 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BN024293.D
Acq: 15 Mar 2023 14:54

Tgt Ion:266 Resp: 29
Ion Ratio Lower Upper
266 100
264 48.3 51.1 76.7#
268 86.2 52.2 78.4#

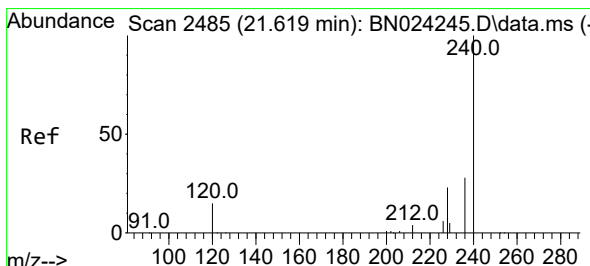
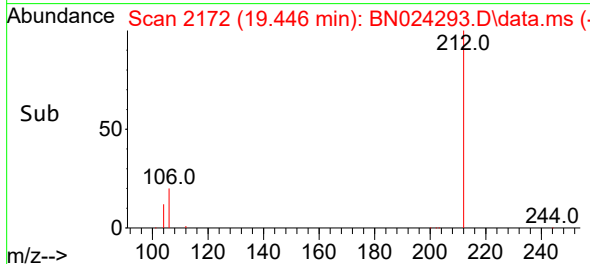
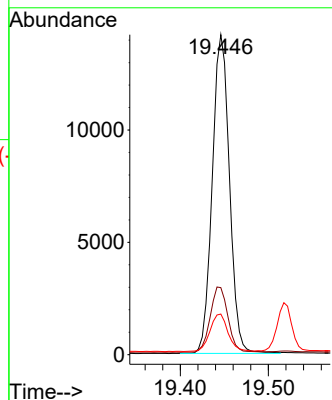
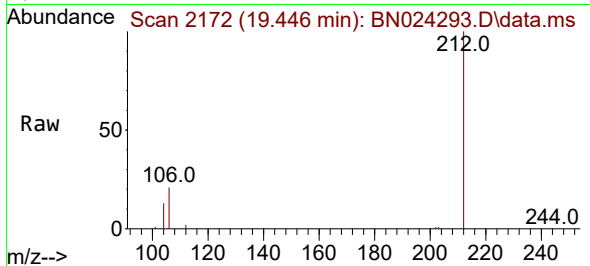




#27
Fluoranthene-d10
Concen: 0.406 ng
RT: 19.446 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BN024293.D
Acq: 15 Mar 2023 14:54

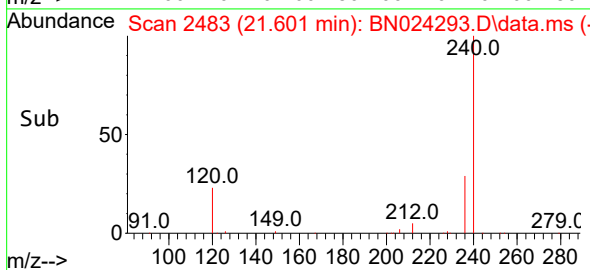
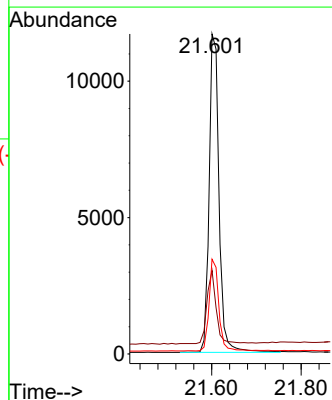
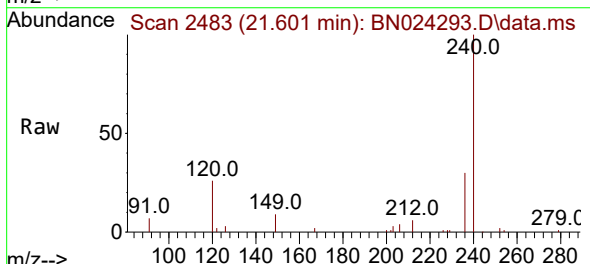
Instrument :
BNA_N
ClientSampleId :
RE132D5-20230306

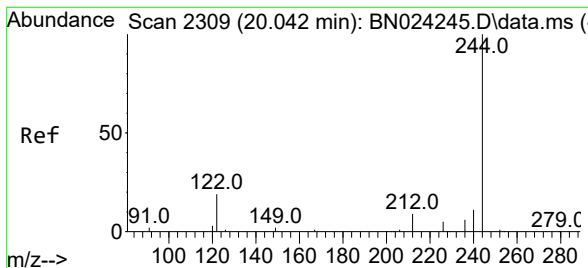
Tgt Ion:212 Resp: 19274
Ion Ratio Lower Upper
212 100
106 21.1 15.4 23.2
104 12.2 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.601 min Scan# 2483
Delta R.T. -0.009 min
Lab File: BN024293.D
Acq: 15 Mar 2023 14:54

Tgt Ion:240 Resp: 17967
Ion Ratio Lower Upper
240 100
120 26.1 12.8 19.2#
236 29.6 22.5 33.7





#31

Terphenyl-d14

Concen: 0.383 ng

RT: 20.033 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN024293.D

Acq: 15 Mar 2023 14:54

Instrument :

BNA_N

ClientSampleId :

RE132D5-20230306

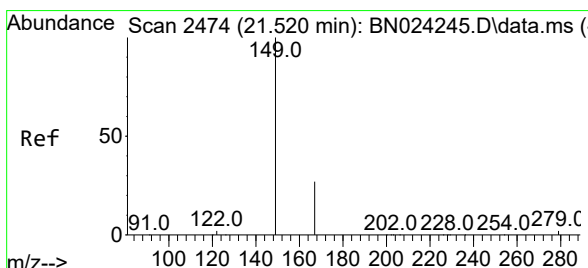
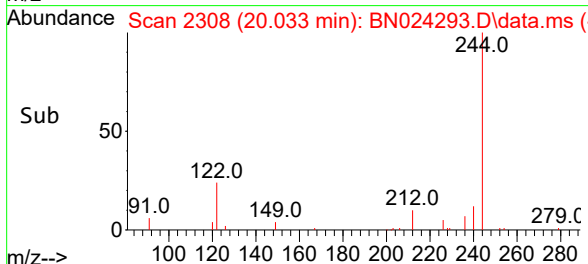
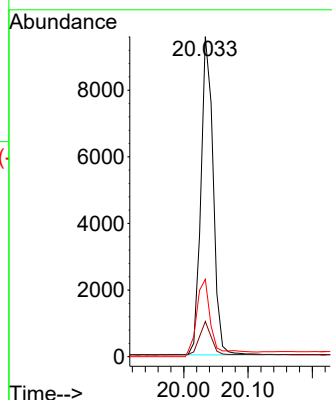
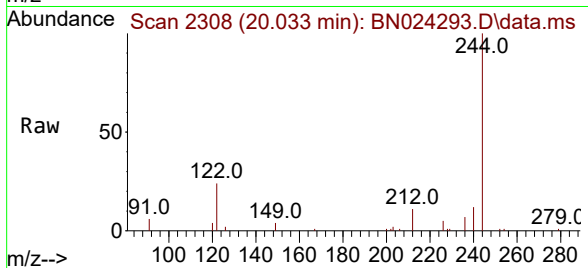
Tgt Ion:244 Resp: 11598

Ion Ratio Lower Upper

244 100

212 11.0 7.6 11.4

122 24.2 15.1 22.7#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.137 ng

RT: 21.502 min Scan# 2472

Delta R.T. -0.009 min

Lab File: BN024293.D

Acq: 15 Mar 2023 14:54

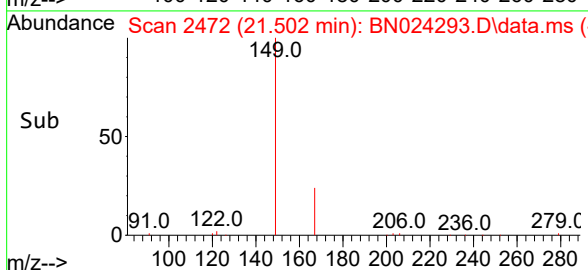
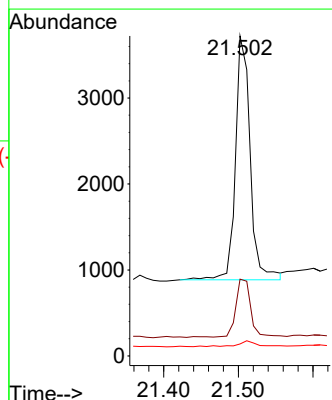
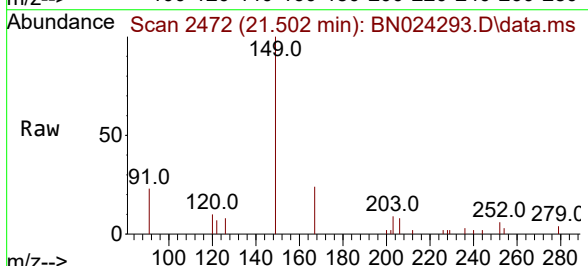
Tgt Ion:149 Resp: 3872

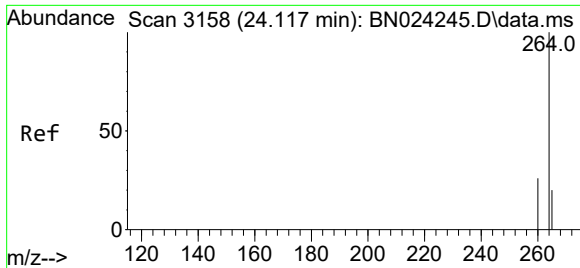
Ion Ratio Lower Upper

149 100

167 24.1 21.2 31.8

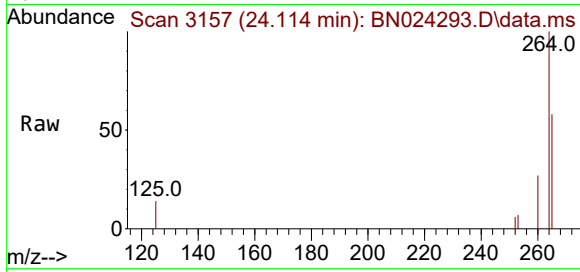
279 3.5 1.8 2.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.114 min Scan# 31
 Delta R.T. -0.015 min
 Lab File: BN024293.D
 Acq: 15 Mar 2023 14:54

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20230306



Tgt Ion:264 Resp: 14195

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.4	32.2
265	58.2	35.7	53.5#

