

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
 Data File : BN025419.D
 Acq On : 12 May 2023 02:42
 Operator : CG/JU
 Sample : 02746-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-14-G1-67-051023

Quant Time: May 12 04:13:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 00:57:16 2023
 Response via : Initial Calibration

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

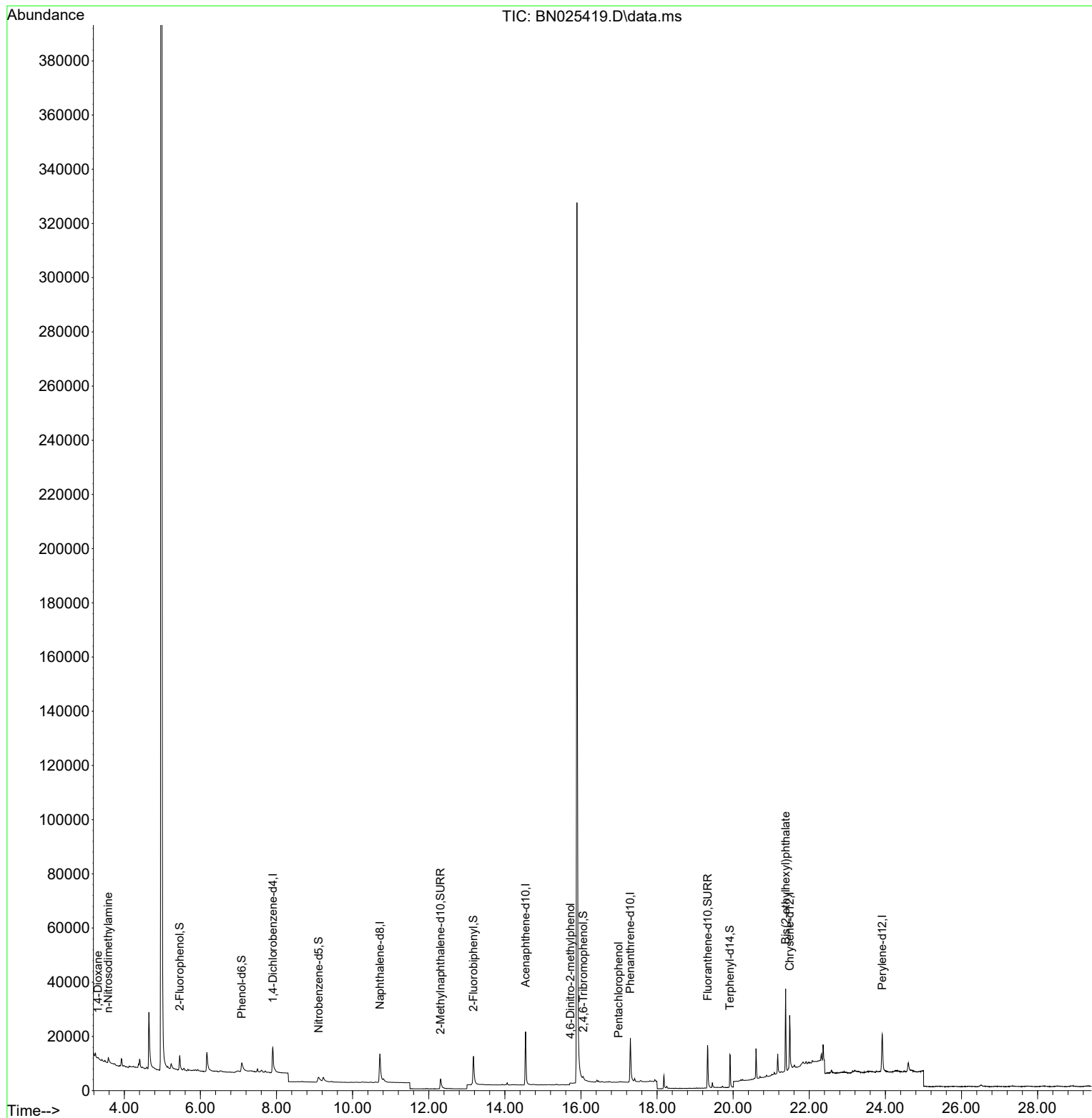
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	7120	0.400	ng	0.00
7) Naphthalene-d8	10.718	136	21676	0.400	ng	0.01
13) Acenaphthene-d10	14.544	164	13173	0.400	ng	0.00
19) Phenanthrene-d10	17.298	188	28128	0.400	ng	0.00
29) Chrysene-d12	21.486	240	21185	0.400	ng	# 0.00
35) Perylene-d12	23.917	264	19710	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.455	112	5452	0.330	ng	0.00
5) Phenol-d6	7.088	99	6109	0.272	ng	0.00
8) Nitrobenzene-d5	9.105	82	3553	0.203	ng	0.02
11) 2-Methylnaphthalene-d10	12.309	152	8996	0.315	ng	0.00
14) 2,4,6-Tribromophenol	16.057	330	802	0.114	ng	0.00
15) 2-Fluorobiphenyl	13.176	172	13242	0.289	ng	0.00
27) Fluoranthene-d10	19.329	212	20634	0.321	ng	0.00
31) Terphenyl-d14	19.915	244	15620	0.306	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.310	88	320	0.049	ng	# 39
3) n-Nitrosodimethylamine	3.578	42	515	0.049	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.722	198	5	0.221	ng	# 1
24) Pentachlorophenol	16.988	266	40	0.103	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.378	149	27473	0.395	ng	97

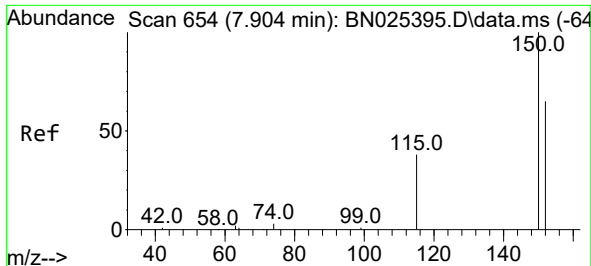
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
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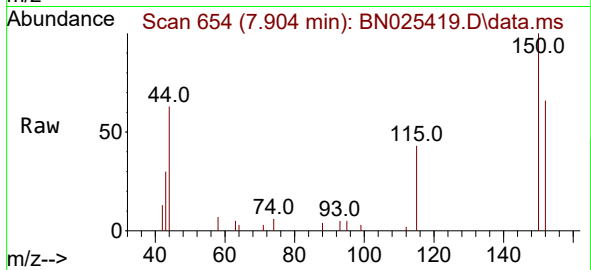
Quant Time: May 12 04:13:11 2023
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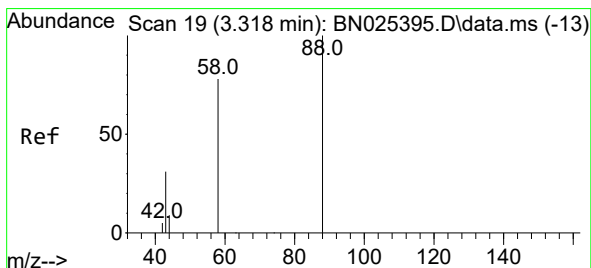
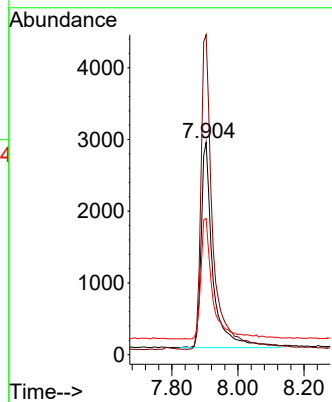
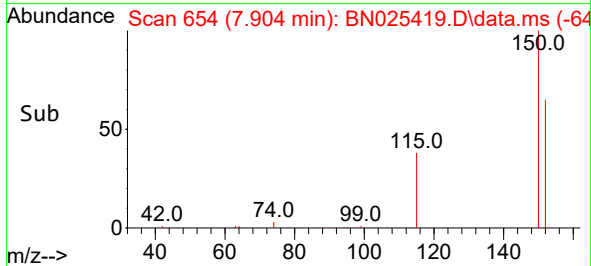


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.904 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN025419.D
 Acq: 12 May 2023 02:42

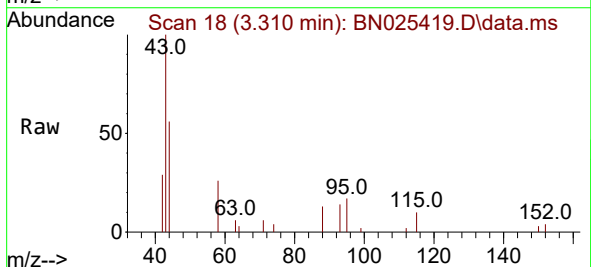
Instrument :
 BNA_N
 ClientSampleId :
 CB-14-G1-67-051023



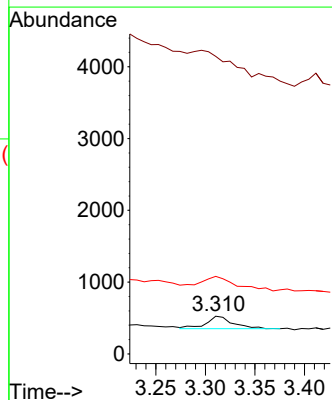
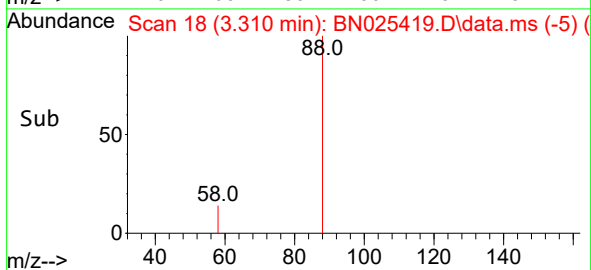
Tgt Ion:152 Resp: 7120
 Ion Ratio Lower Upper
 152 100
 150 150.8 121.4 182.2
 115 64.1 50.6 76.0

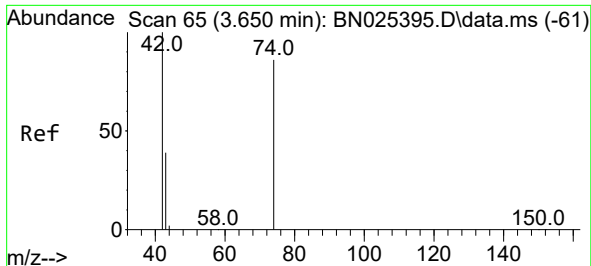


#2
 1,4-Dioxane
 Concen: 0.049 ng
 RT: 3.310 min Scan# 18
 Delta R.T. -0.007 min
 Lab File: BN025419.D
 Acq: 12 May 2023 02:42



Tgt Ion: 88 Resp: 320
 Ion Ratio Lower Upper
 88 100
 43 0.0 37.4 56.2#
 58 142.8 71.5 107.3#

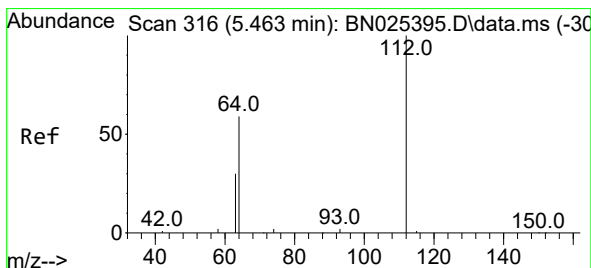
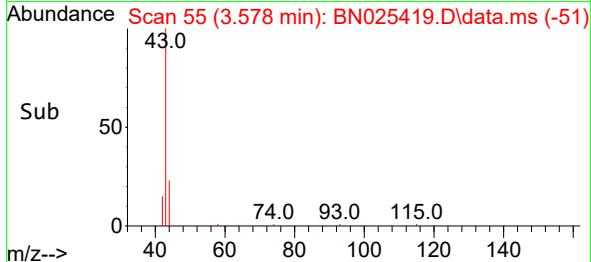
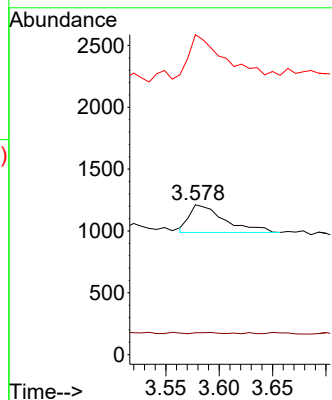
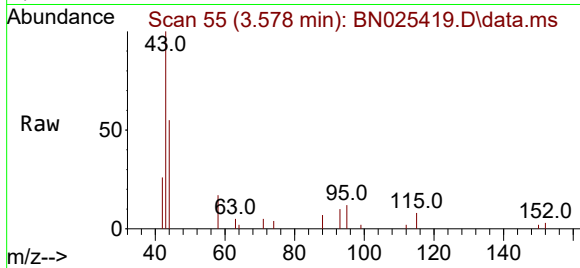




#3
n-Nitrosodimethylamine
Concen: 0.049 ng
RT: 3.578 min Scan# 51
Delta R.T. -0.072 min
Lab File: BN025419.D
Acq: 12 May 2023 02:42

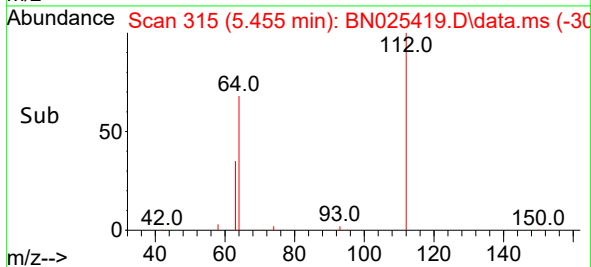
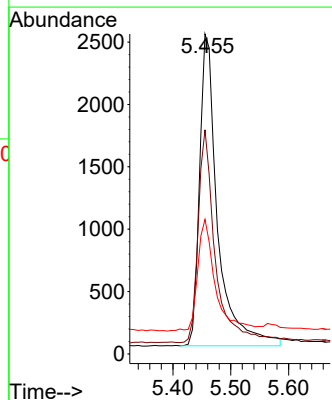
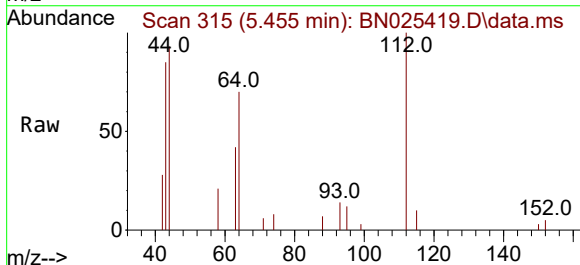
Instrument :
BNA_N
ClientSampleId :
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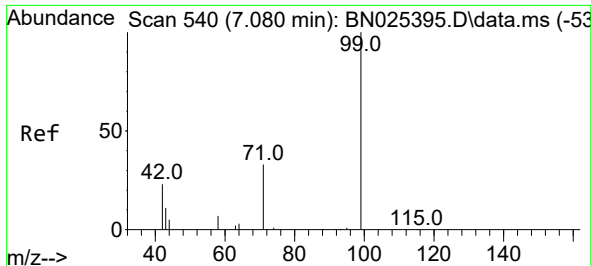
Tgt Ion: 42 Resp: 515
Ion Ratio Lower Upper
42 100
74 2.7 82.2 123.4#
44 134.0 7.8 11.8#



#4
2-Fluorophenol
Concen: 0.330 ng
RT: 5.455 min Scan# 315
Delta R.T. -0.007 min
Lab File: BN025419.D
Acq: 12 May 2023 02:42

Tgt Ion: 112 Resp: 5452
Ion Ratio Lower Upper
112 100
64 65.1 51.9 77.9
63 34.6 27.4 41.2

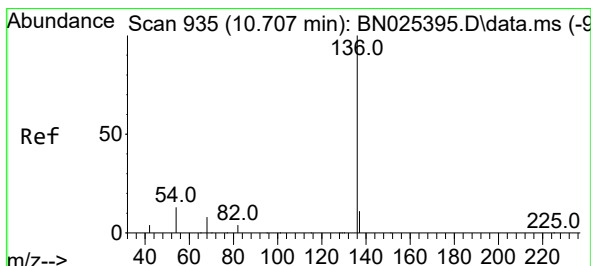
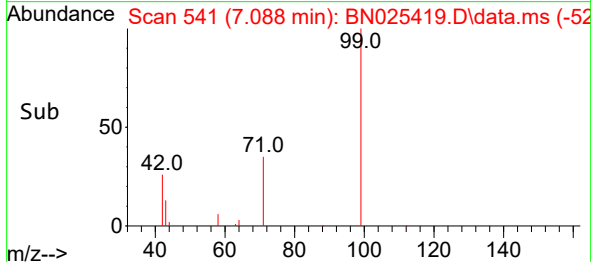
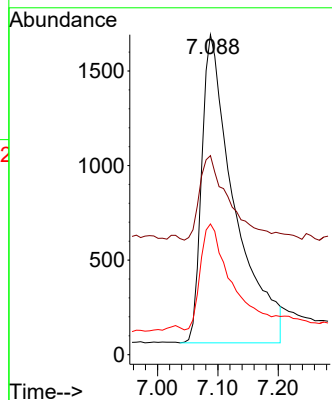
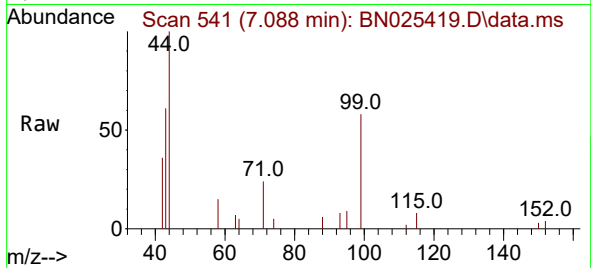




#5
Phenol-d6
Concen: 0.272 ng
RT: 7.088 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN025419.D
Acq: 12 May 2023 02:42

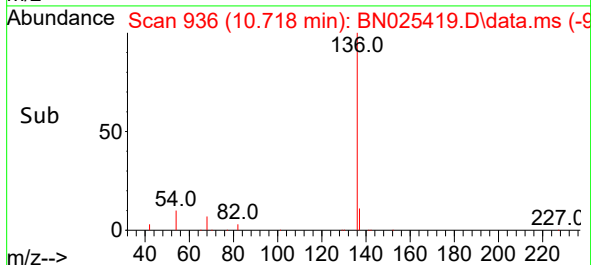
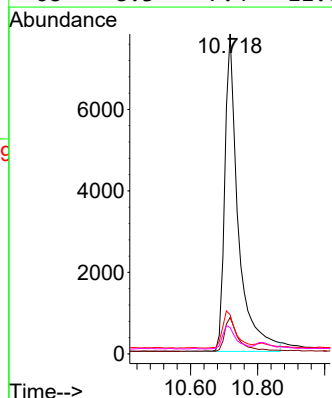
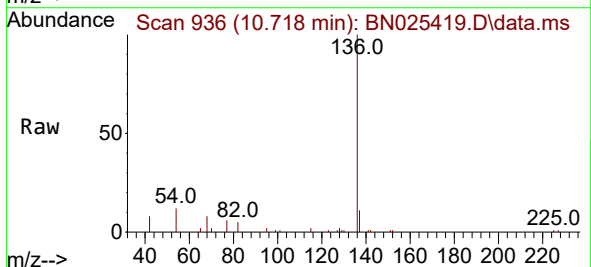
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-67-051023

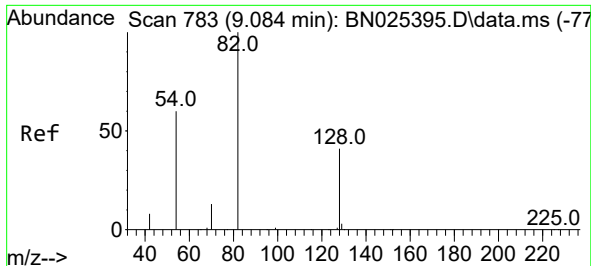
Tgt Ion: 99 Resp: 6109
Ion Ratio Lower Upper
99 100
42 25.1 23.5 35.3
71 33.9 28.1 42.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.718 min Scan# 936
Delta R.T. 0.011 min
Lab File: BN025419.D
Acq: 12 May 2023 02:42

Tgt Ion: 136 Resp: 21676
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 12.3 11.2 16.8
68 8.3 7.4 11.0

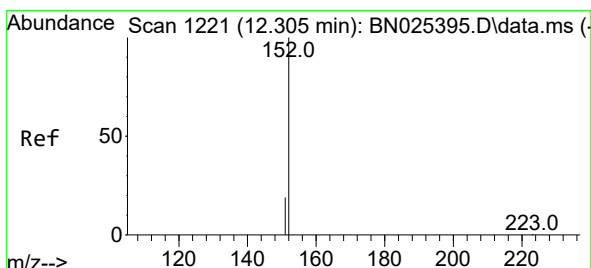
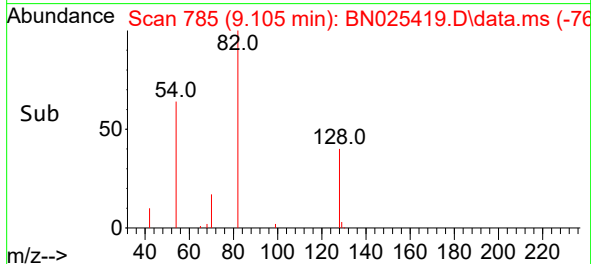
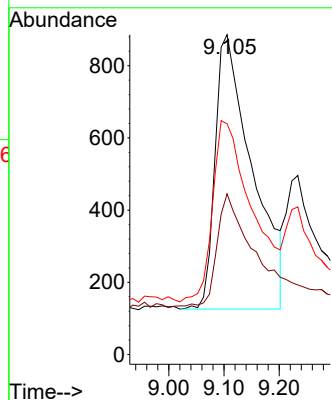
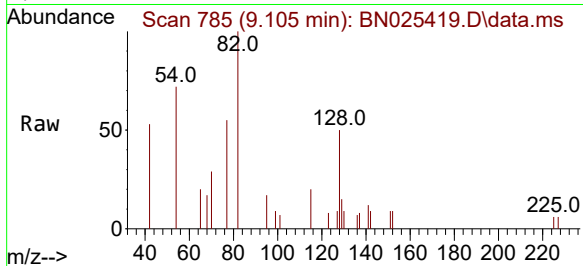




#8
 Nitrobenzene-d5
 Concen: 0.203 ng
 RT: 9.105 min Scan# 71
 Delta R.T. 0.021 min
 Lab File: BN025419.D
 Acq: 12 May 2023 02:42

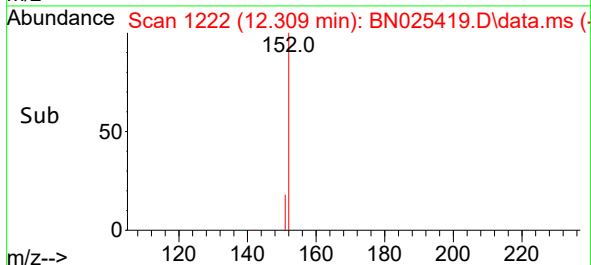
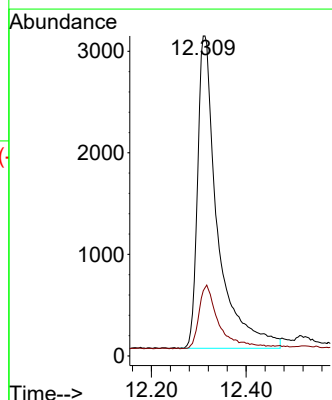
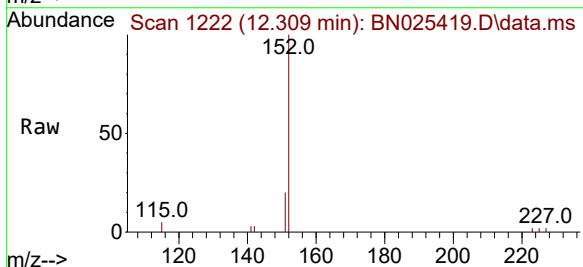
Instrument :
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 CB-14-G1-67-051023

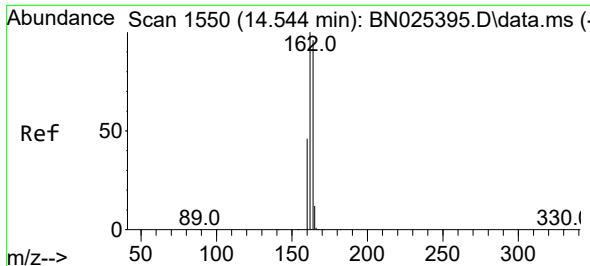
Tgt Ion:	82	Resp:	3553
Ion	Ratio	Lower	Upper
82	100		
128	50.2	35.8	53.8
54	72.1	50.4	75.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.315 ng
 RT: 12.309 min Scan# 1222
 Delta R.T. 0.004 min
 Lab File: BN025419.D
 Acq: 12 May 2023 02:42

Tgt Ion:	152	Resp:	8996
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1

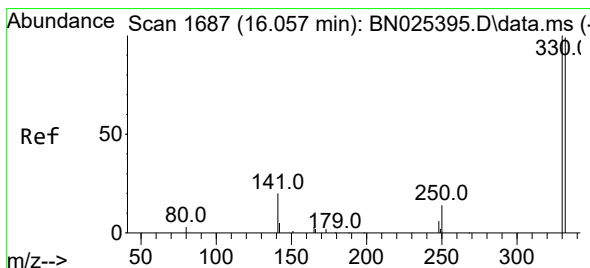
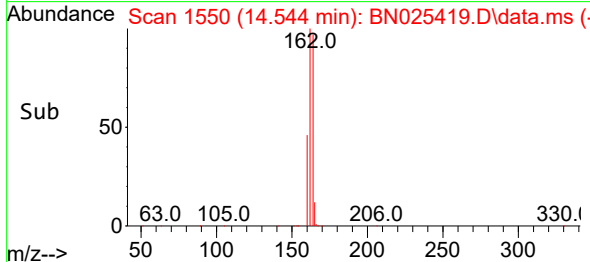
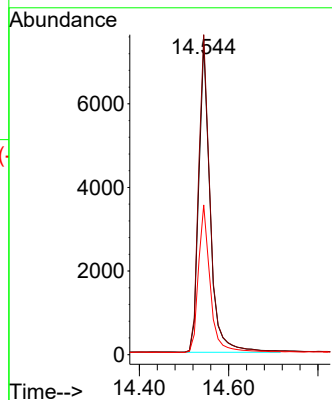
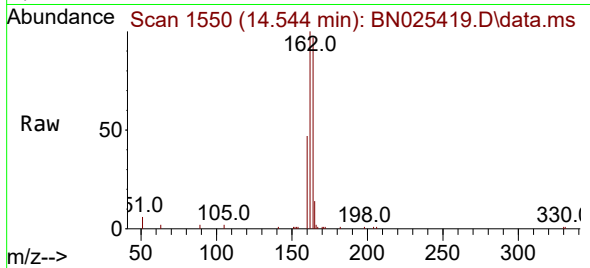




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.544 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BN025419.D
Acq: 12 May 2023 02:42

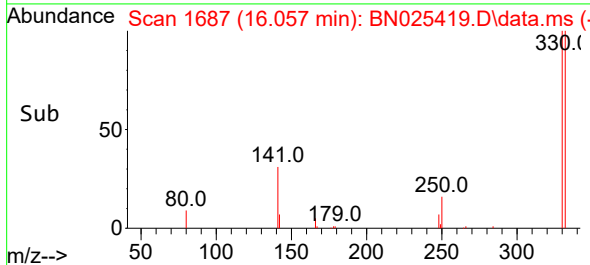
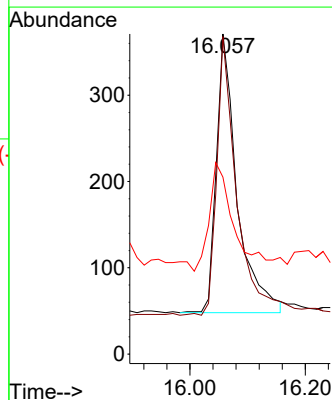
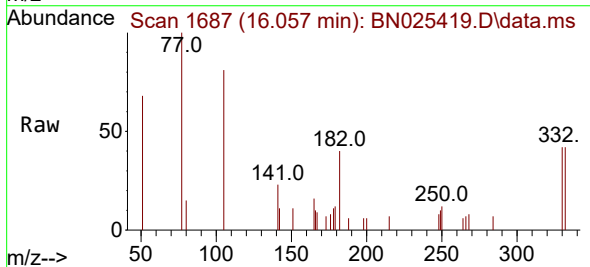
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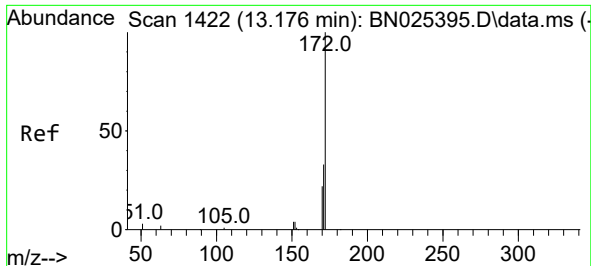
Tgt Ion:164 Resp: 13173
Ion Ratio Lower Upper
164 100
162 103.0 83.2 124.8
160 48.2 38.8 58.2



#14
2,4,6-Tribromophenol
Concen: 0.114 ng
RT: 16.057 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BN025419.D
Acq: 12 May 2023 02:42

Tgt Ion:330 Resp: 802
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 46.4 30.2 45.2#

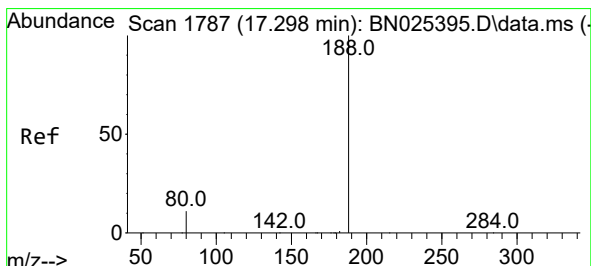
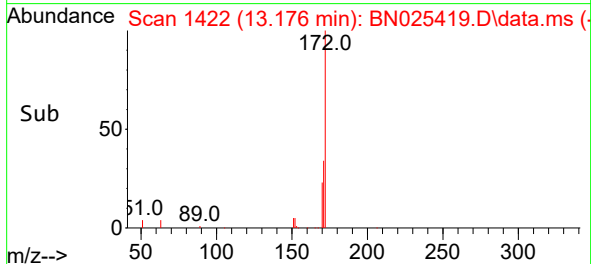
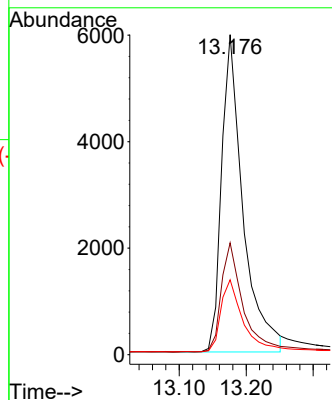
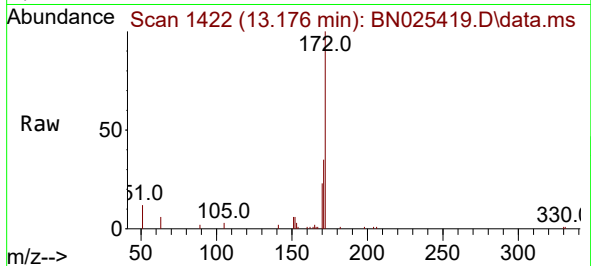




#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 13.176 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN025419.D
Acq: 12 May 2023 02:42

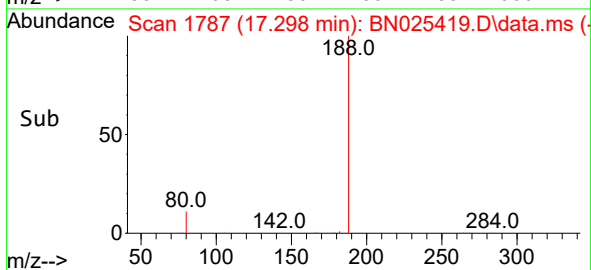
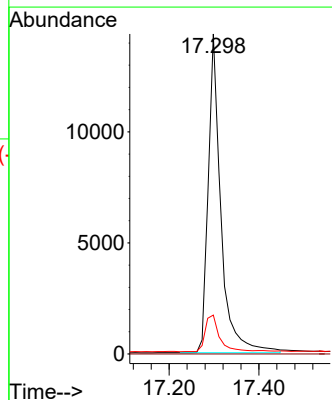
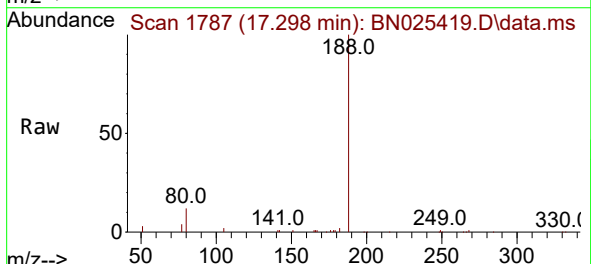
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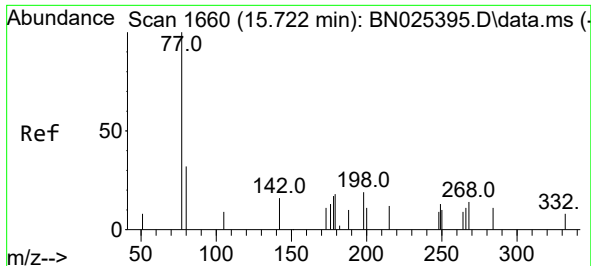
Tgt Ion:	172	Resp:	13242
Ion Ratio	Lower	Upper	
172	100		
171	35.0	26.7	40.1
170	23.4	17.8	26.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.298 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BN025419.D
Acq: 12 May 2023 02:42

Tgt Ion:	188	Resp:	28128
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.1	9.4	14.2

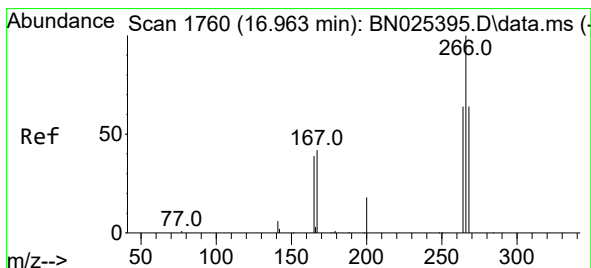
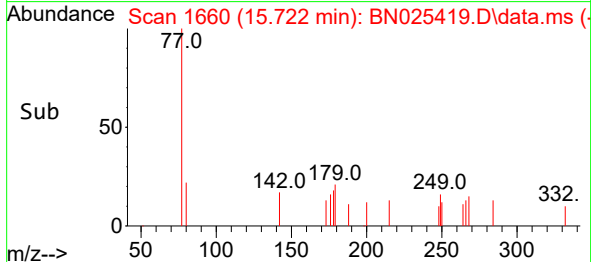
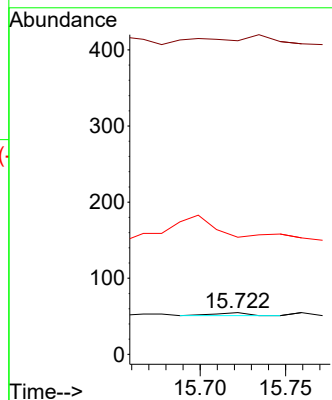
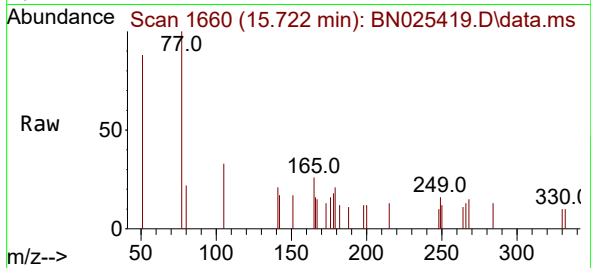




#20
4,6-Dinitro-2-methylphenol
Concen: 0.221 ng
RT: 15.722 min Scan# 1660
Delta R.T. -0.000 min
Lab File: BN025419.D
Acq: 12 May 2023 02:42

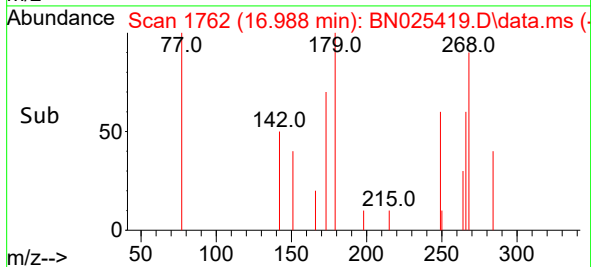
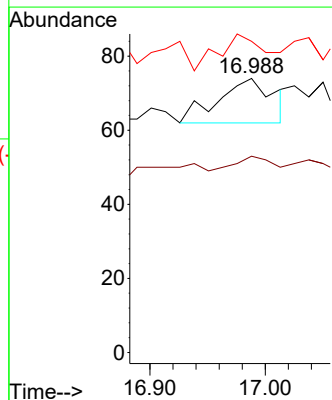
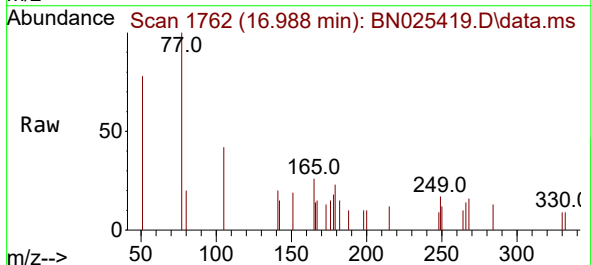
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-67-051023

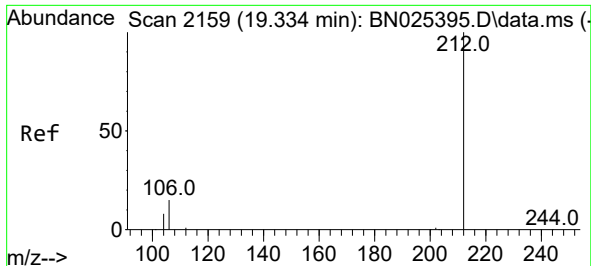
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 749.1 259.2 388.8#
105 280.0 112.6 168.8#



#24
Pentachlorophenol
Concen: 0.103 ng
RT: 16.988 min Scan# 1762
Delta R.T. 0.025 min
Lab File: BN025419.D
Acq: 12 May 2023 02:42

Tgt Ion:266 Resp: 40
Ion Ratio Lower Upper
266 100
264 20.0 50.1 75.1#
268 62.5 49.3 73.9

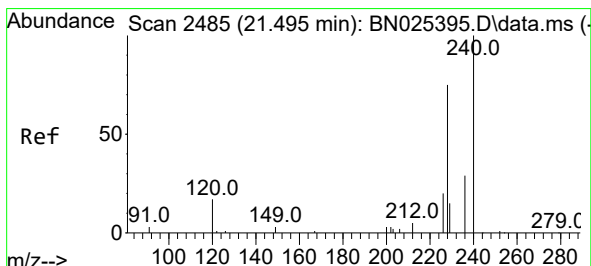
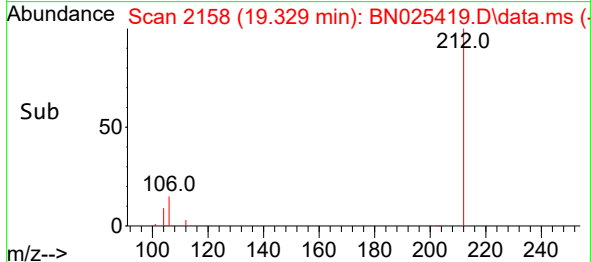
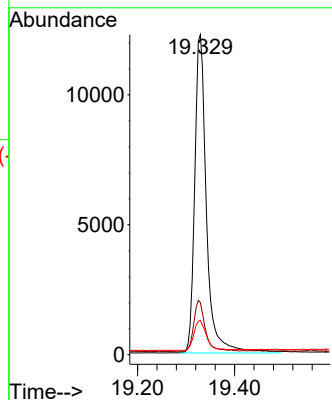
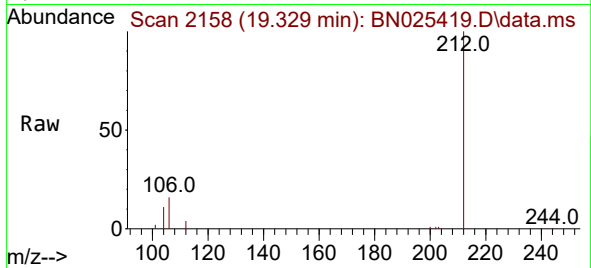




#27
Fluoranthene-d10
Concen: 0.321 ng
RT: 19.329 min Scan# 2158
Delta R.T. -0.004 min
Lab File: BN025419.D
Acq: 12 May 2023 02:42

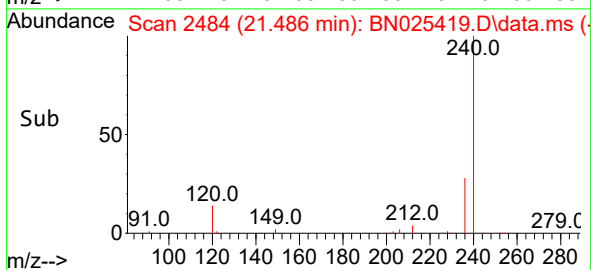
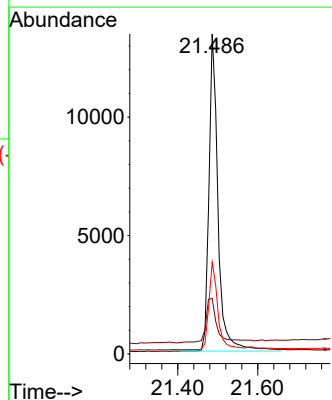
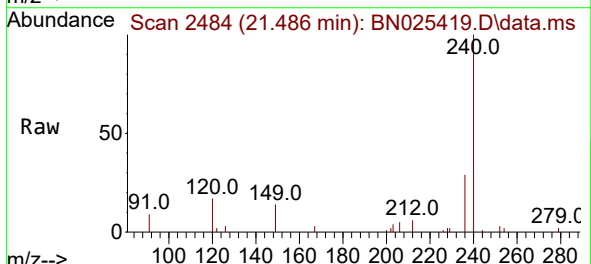
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-67-051023

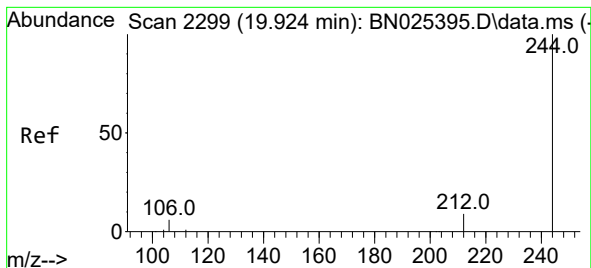
Tgt Ion:212 Resp: 20634
Ion Ratio Lower Upper
212 100
106 16.1 12.6 19.0
104 10.3 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.486 min Scan# 2484
Delta R.T. -0.009 min
Lab File: BN025419.D
Acq: 12 May 2023 02:42

Tgt Ion:240 Resp: 21185
Ion Ratio Lower Upper
240 100
120 17.3 19.0 28.6#
236 28.6 25.0 37.6





#31

Terphenyl-d14

Concen: 0.306 ng

RT: 19.915 min Scan# 21

Delta R.T. -0.008 min

Lab File: BN025419.D

Acq: 12 May 2023 02:42

Instrument :

BNA_N

ClientSampleId :

CB-14-G1-67-051023

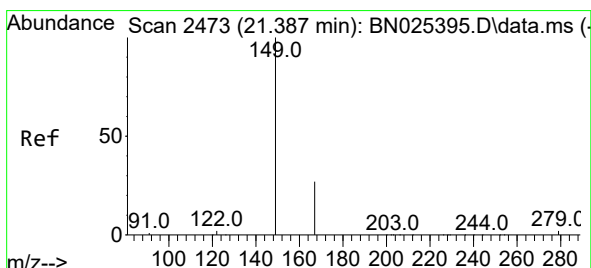
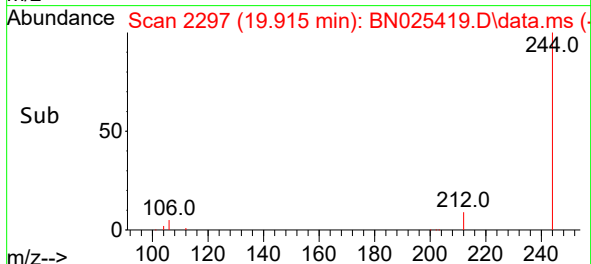
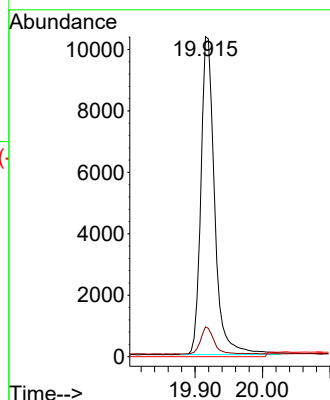
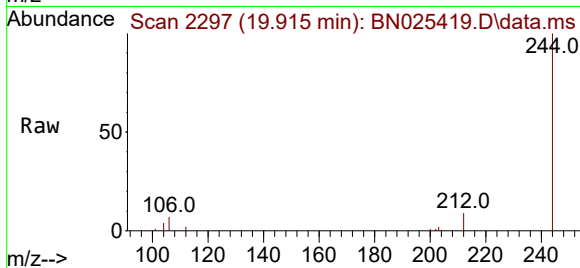
Tgt Ion:244 Resp: 15620

Ion Ratio Lower Upper

244 100

212 9.3 7.5 11.3

122 0.0 0.0 0.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.395 ng

RT: 21.378 min Scan# 2472

Delta R.T. -0.009 min

Lab File: BN025419.D

Acq: 12 May 2023 02:42

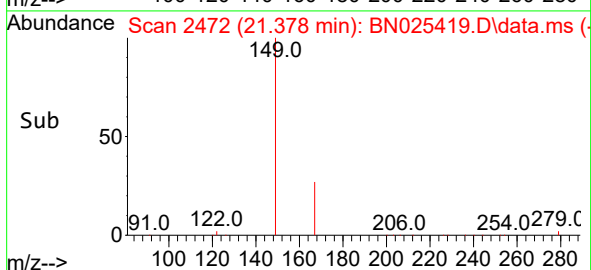
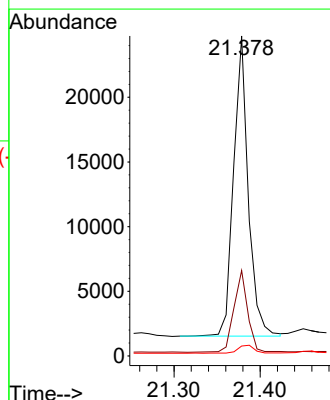
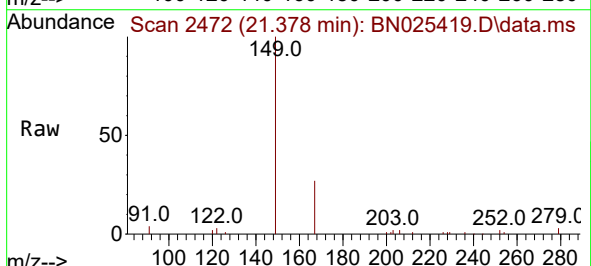
Tgt Ion:149 Resp: 27473

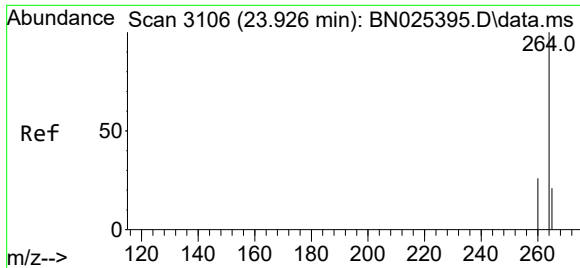
Ion Ratio Lower Upper

149 100

167 25.7 21.7 32.5

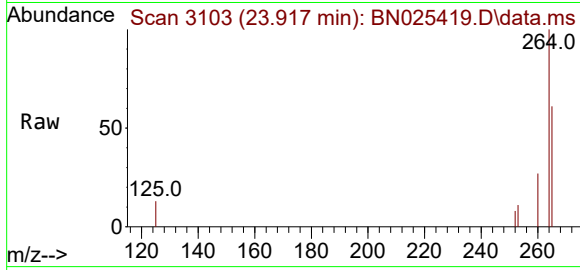
279 3.1 3.0 4.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.917 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BN025419.D
 Acq: 12 May 2023 02:42

Instrument :
 BNA_N
 ClientSampleId :
 CB-14-G1-67-051023



Tgt Ion:264 Resp: 19710
 Ion Ratio Lower Upper
 264 100
 260 26.5 23.5 35.3
 265 61.0 50.9 76.3

