

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
 Data File : BN025405.D
 Acq On : 11 May 2023 17:43
 Operator : CG/JU
 Sample : 02723-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-14-G1-SO-49.5-050923

Quant Time: May 12 04:01:00 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)

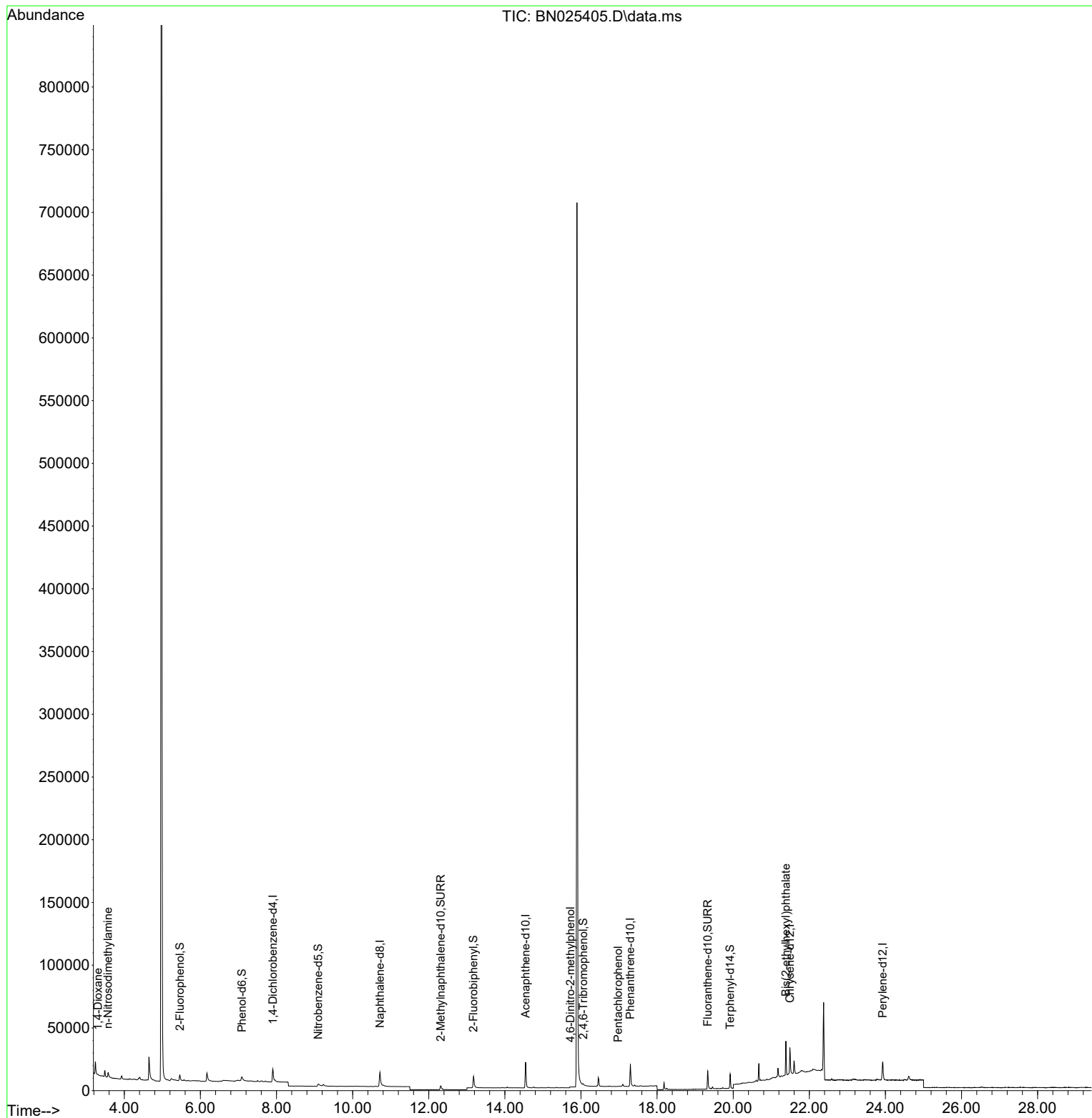
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	7106	0.400	ng	0.00
7) Naphthalene-d8	10.718	136	21721	0.400	ng	0.01
13) Acenaphthene-d10	14.544	164	13049	0.400	ng	0.00
19) Phenanthrene-d10	17.298	188	27768	0.400	ng	0.00
29) Chrysene-d12	21.491	240	21642	0.400	ng	0.00
35) Perylene-d12	23.927	264	20123	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.463	112	4605	0.280	ng	0.00
5) Phenol-d6	7.088	99	5186	0.232	ng	0.00
8) Nitrobenzene-d5	9.095	82	3270	0.186	ng	0.01
11) 2-Methylnaphthalene-d10	12.313	152	7368	0.257	ng	0.00
14) 2,4,6-Tribromophenol	16.057	330	797	0.114	ng	0.00
15) 2-Fluorobiphenyl	13.176	172	10714	0.236	ng	0.00
27) Fluoranthene-d10	19.329	212	17713	0.279	ng	0.00
31) Terphenyl-d14	19.920	244	14395	0.276	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.310	88	416	0.063	ng	# 62
3) n-Nitrosodimethylamine	3.570	42	1221	0.116	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.722	198	5	0.221	ng	# 1
24) Pentachlorophenol	16.976	266	7	0.100	ng	# 26
34) Bis(2-ethylhexyl)phtha...	21.383	149	24507	0.345	ng	99

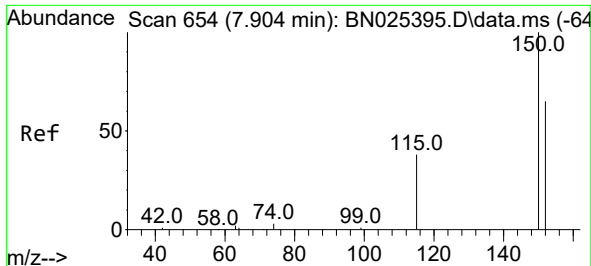
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
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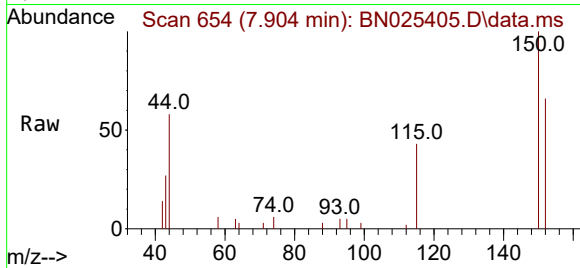
Quant Time: May 12 04:01:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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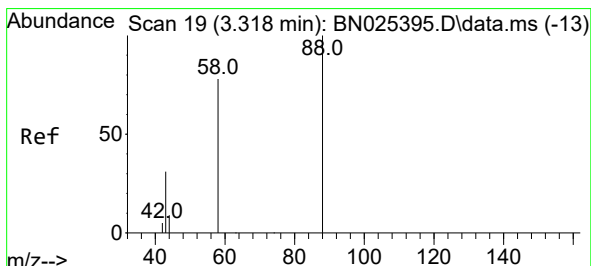
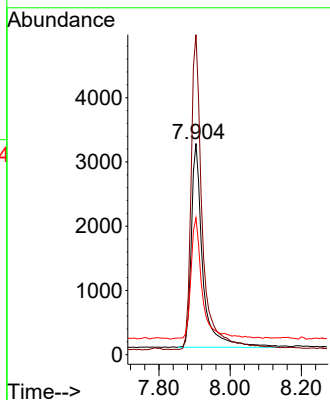
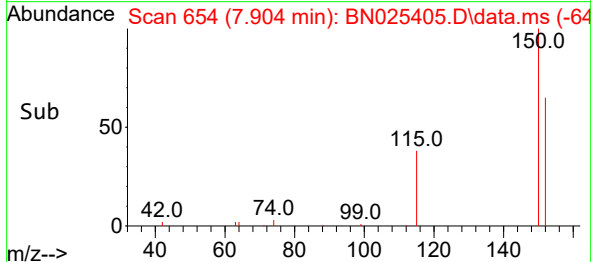


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.904 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN025405.D
 Acq: 11 May 2023 17:43

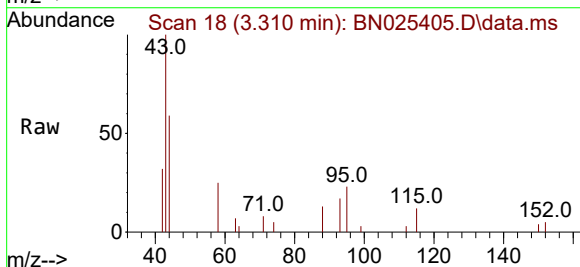
Instrument :
 BNA_N
 ClientSampleId :
 CB-14-G1-SO-49.5-050923



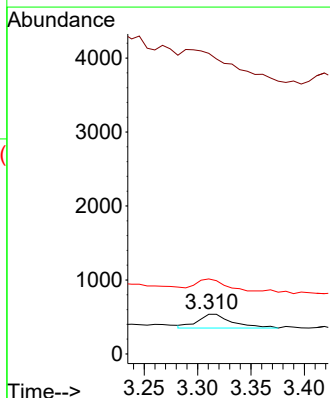
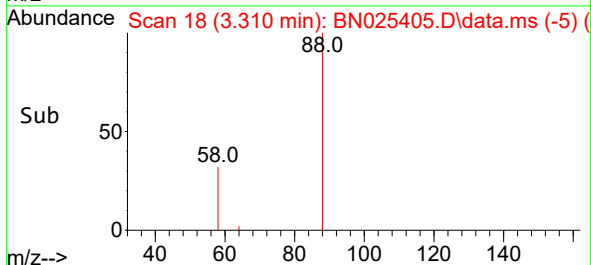
Tgt Ion:152 Resp: 7106
 Ion Ratio Lower Upper
 152 100
 150 151.6 121.4 182.2
 115 64.9 50.6 76.0

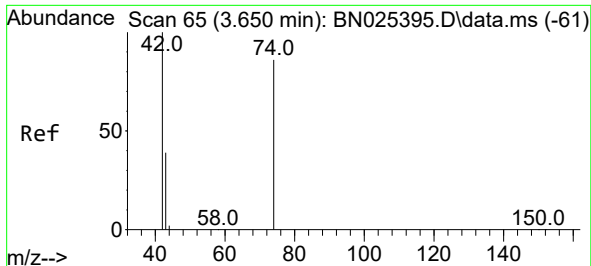


#2
 1,4-Dioxane
 Concen: 0.063 ng
 RT: 3.310 min Scan# 18
 Delta R.T. -0.007 min
 Lab File: BN025405.D
 Acq: 11 May 2023 17:43



Tgt Ion: 88 Resp: 416
 Ion Ratio Lower Upper
 88 100
 43 0.0 37.4 56.2#
 58 69.5 71.5 107.3#

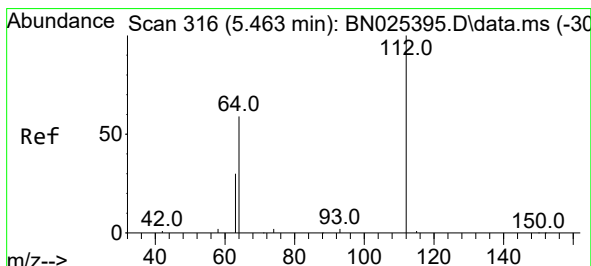
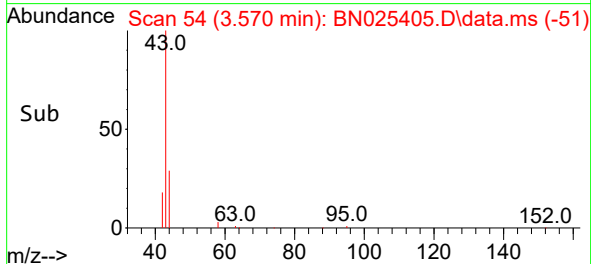
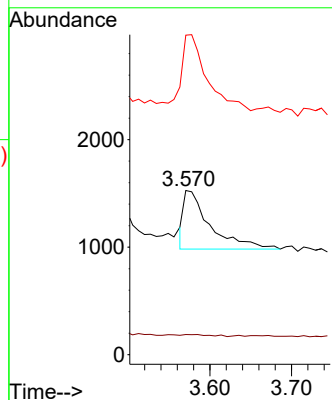
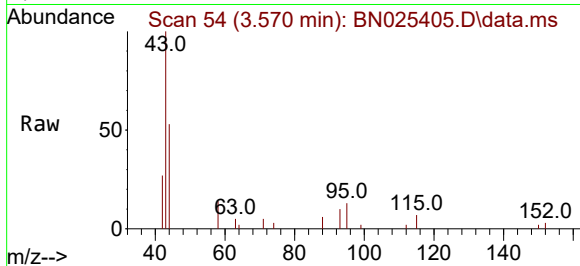




#3
n-Nitrosodimethylamine
Concen: 0.116 ng
RT: 3.570 min Scan# 54
Delta R.T. -0.079 min
Lab File: BN025405.D
Acq: 11 May 2023 17:43

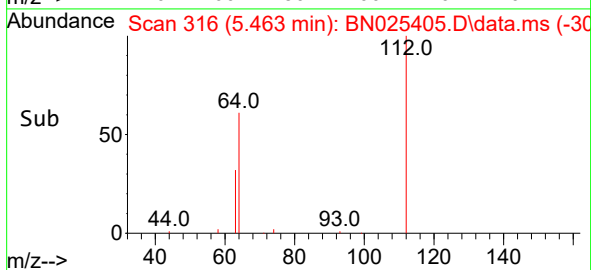
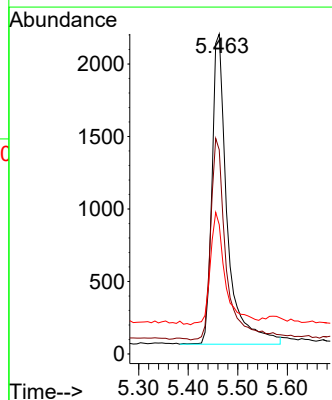
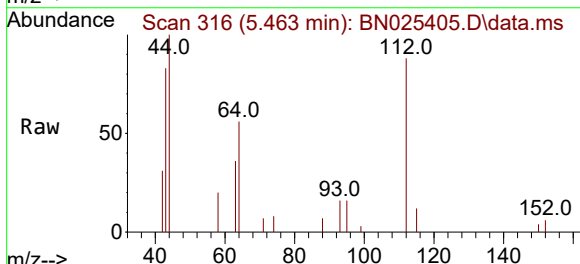
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-49.5-050923

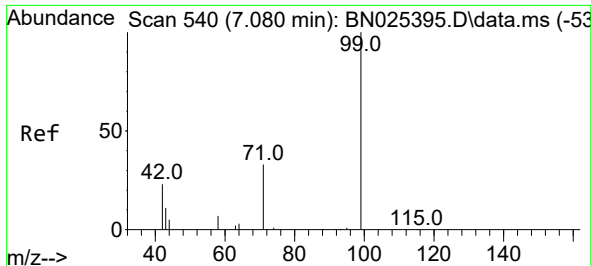
Tgt Ion: 42 Resp: 1221
Ion Ratio Lower Upper
42 100
74 3.8 82.2 123.4#
44 113.2 7.8 11.8#



#4
2-Fluorophenol
Concen: 0.280 ng
RT: 5.463 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN025405.D
Acq: 11 May 2023 17:43

Tgt Ion: 112 Resp: 4605
Ion Ratio Lower Upper
112 100
64 66.1 51.9 77.9
63 35.6 27.4 41.2

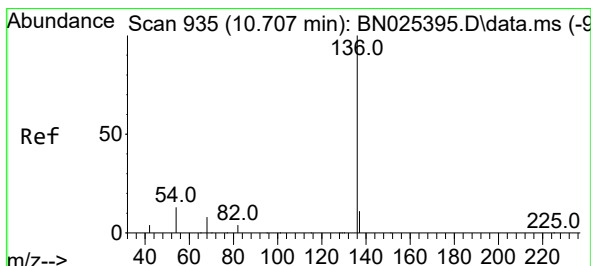
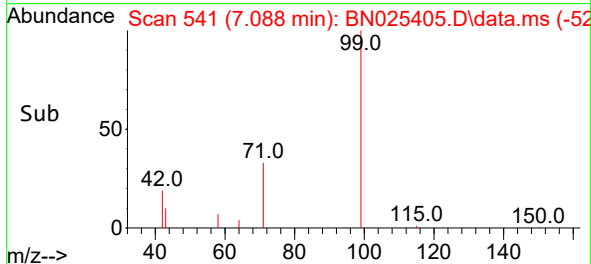
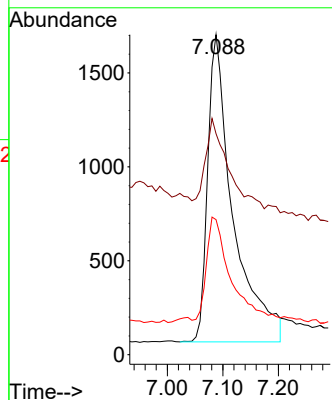
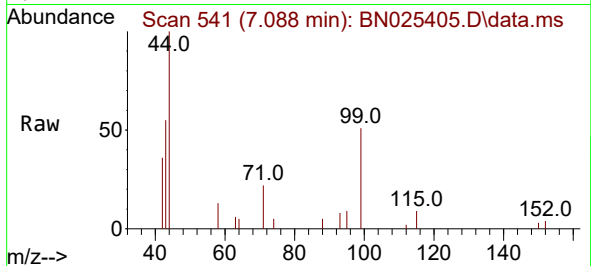




#5
Phenol-d6
Concen: 0.232 ng
RT: 7.088 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN025405.D
Acq: 11 May 2023 17:43

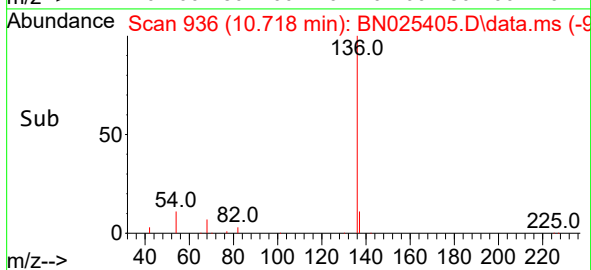
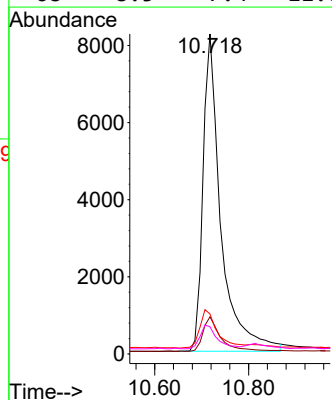
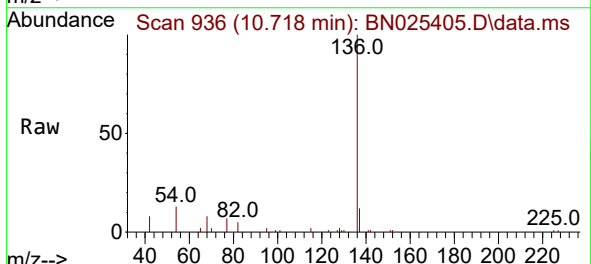
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-49.5-050923

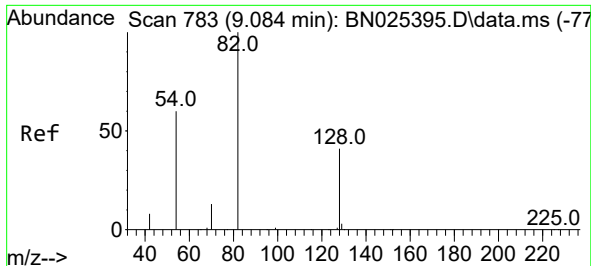
Tgt Ion: 99 Resp: 5186
Ion Ratio Lower Upper
99 100
42 26.1 23.5 35.3
71 32.0 28.1 42.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.718 min Scan# 936
Delta R.T. 0.011 min
Lab File: BN025405.D
Acq: 11 May 2023 17:43

Tgt Ion: 136 Resp: 21721
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 12.5 11.2 16.8
68 8.5 7.4 11.0

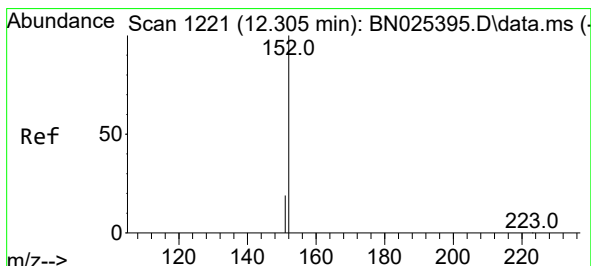
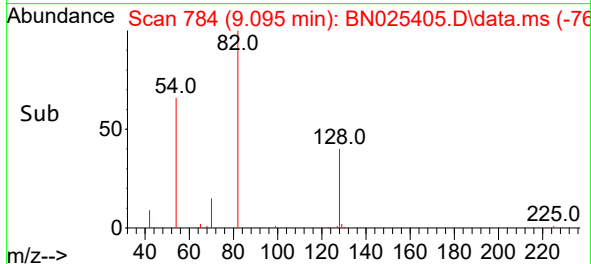
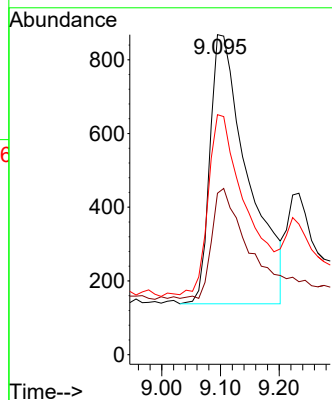
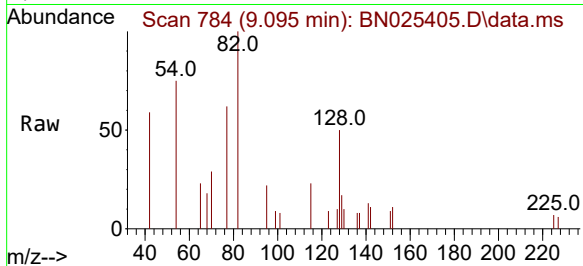




#8
Nitrobenzene-d5
Concen: 0.186 ng
RT: 9.095 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN025405.D
Acq: 11 May 2023 17:43

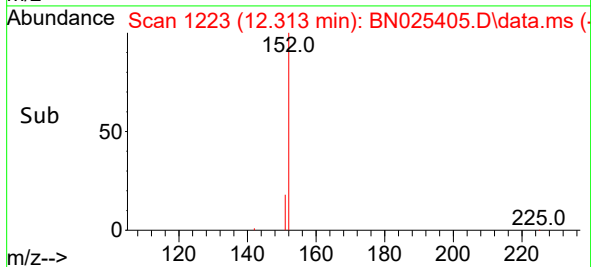
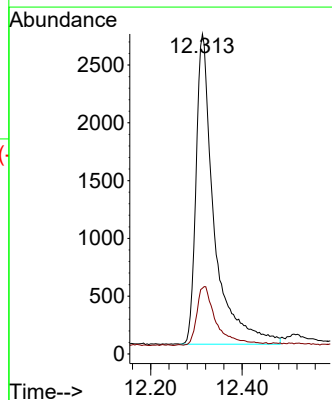
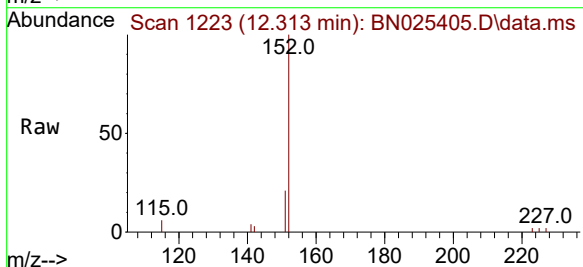
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-49.5-050923

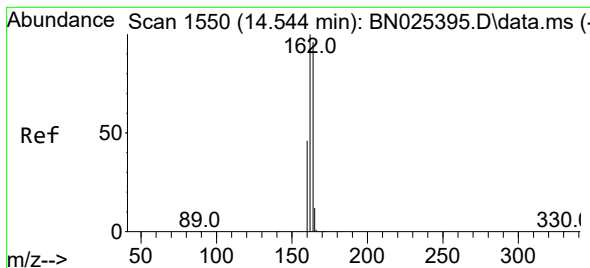
Tgt Ion: 82 Resp: 3270
Ion Ratio Lower Upper
82 100
128 50.5 35.8 53.8
54 75.0 50.4 75.6



#11
2-Methylnaphthalene-d10
Concen: 0.257 ng
RT: 12.313 min Scan# 1223
Delta R.T. 0.008 min
Lab File: BN025405.D
Acq: 11 May 2023 17:43

Tgt Ion:152 Resp: 7368
Ion Ratio Lower Upper
152 100
151 20.3 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: BN025405.D

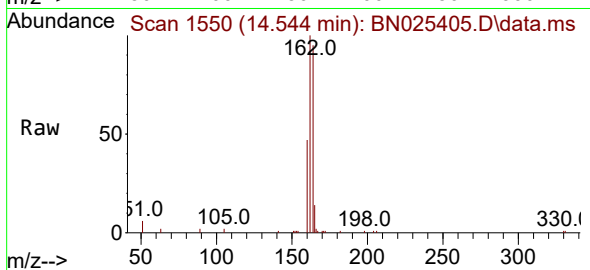
Acq: 11 May 2023 17:43

Instrument :

BNA_N

ClientSampleId :

CB-14-G1-SO-49.5-050923



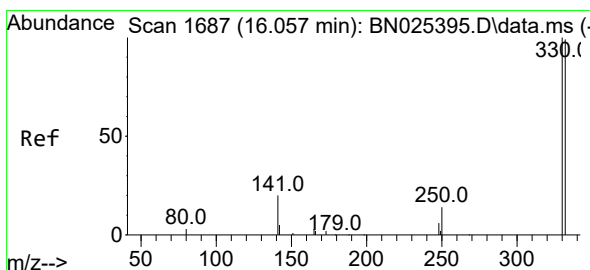
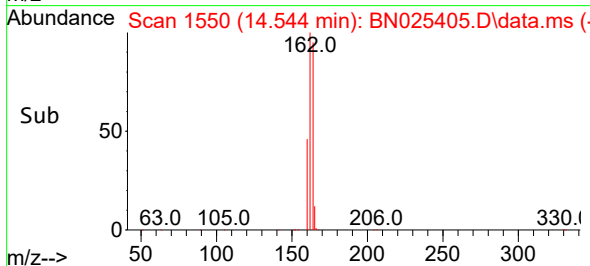
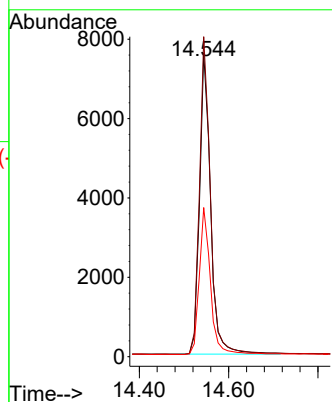
Tgt Ion:164 Resp: 13049

Ion Ratio Lower Upper

164 100

162 105.5 83.2 124.8

160 49.1 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: BN025405.D

Acq: 11 May 2023 17:43

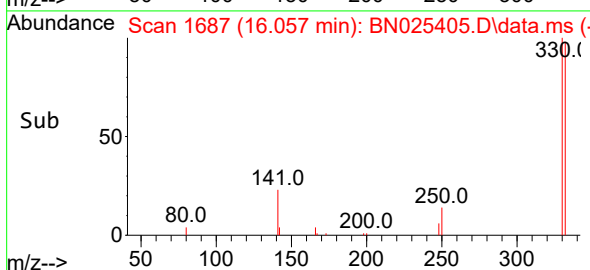
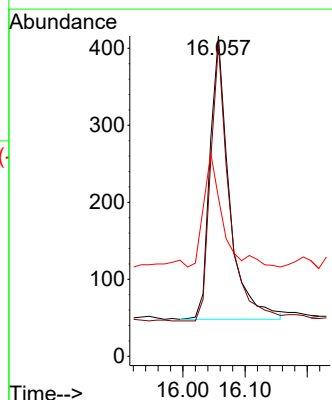
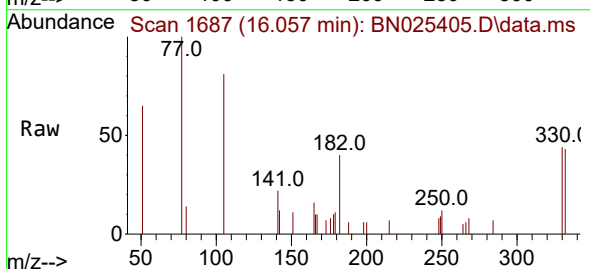
Tgt Ion:330 Resp: 797

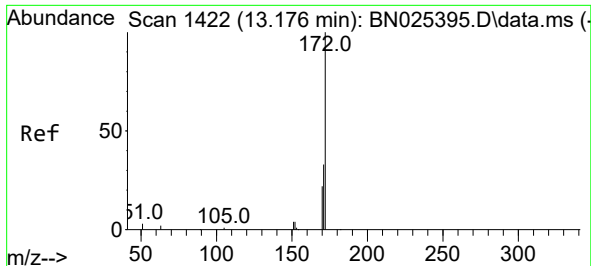
Ion Ratio Lower Upper

330 100

332 95.0 78.0 117.0

141 38.5 30.2 45.2

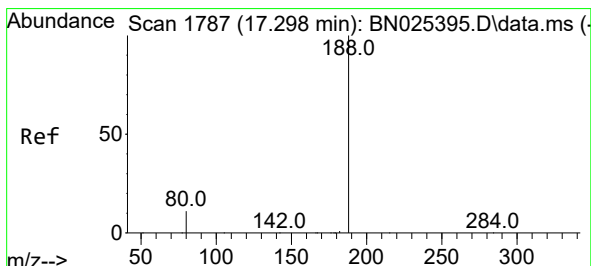
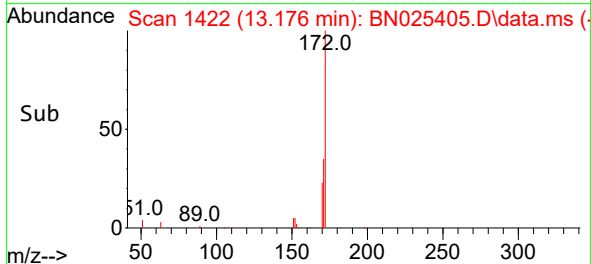
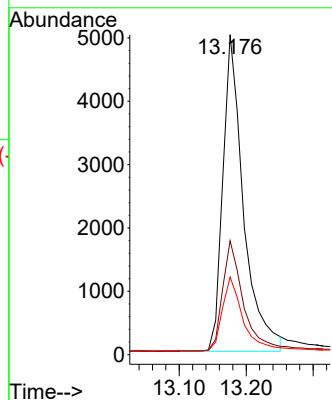
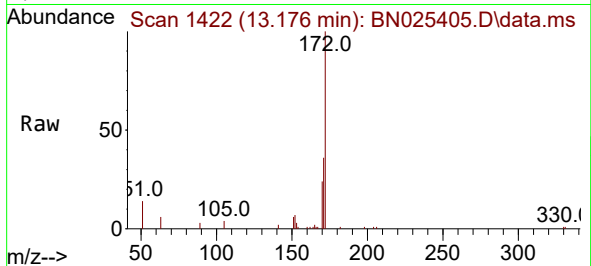




#15
2-Fluorobiphenyl
Concen: 0.236 ng
RT: 13.176 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN025405.D
Acq: 11 May 2023 17:43

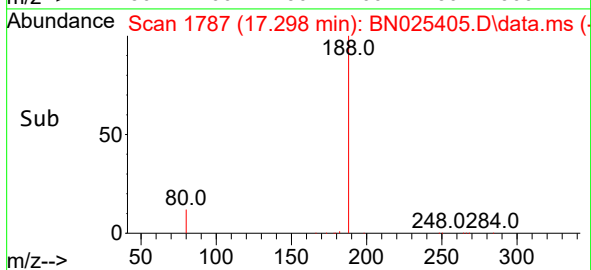
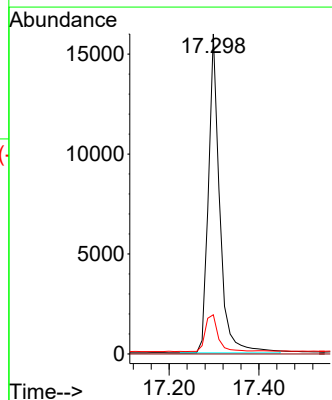
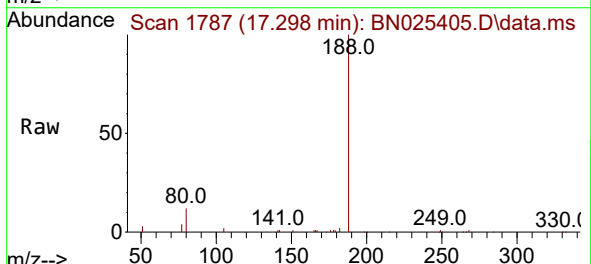
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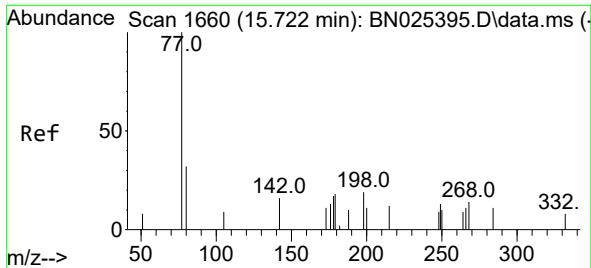
Tgt Ion:	172	Resp:	10714
Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.7	40.1
170	24.3	17.8	26.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.298 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BN025405.D
Acq: 11 May 2023 17:43

Tgt Ion:	188	Resp:	27768
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.3	9.4	14.2

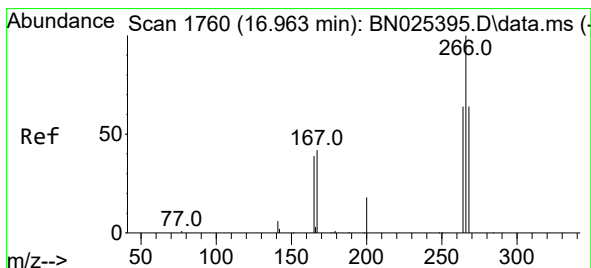
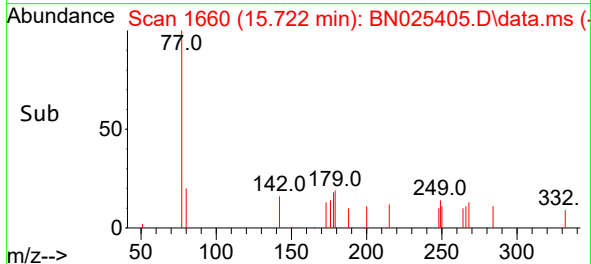
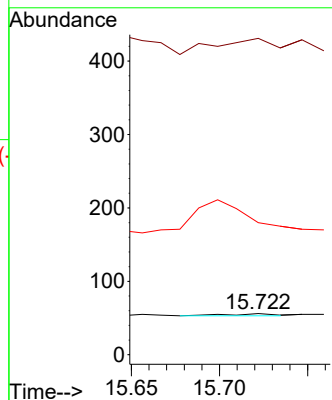
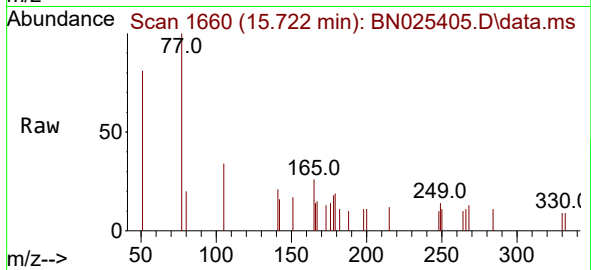




#20
4,6-Dinitro-2-methylphenol
Concen: 0.221 ng
RT: 15.722 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025405.D
Acq: 11 May 2023 17:43

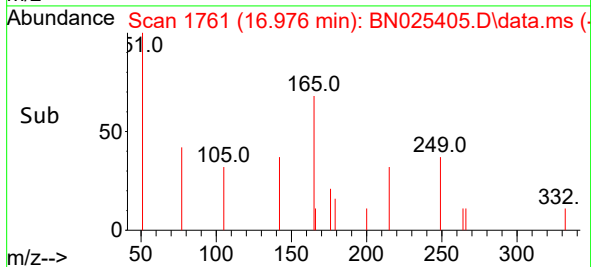
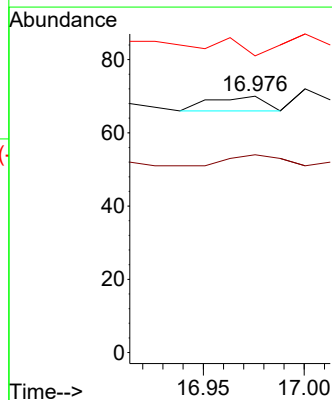
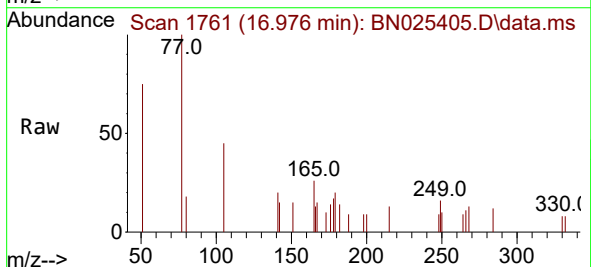
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-49.5-050923

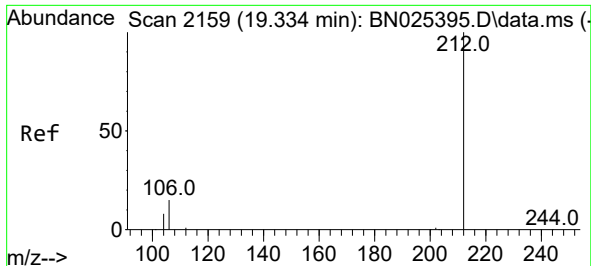
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 769.6 259.2 388.8#
105 321.4 112.6 168.8#



#24
Pentachlorophenol
Concen: 0.100 ng
RT: 16.976 min Scan# 1761
Delta R.T. 0.013 min
Lab File: BN025405.D
Acq: 11 May 2023 17:43

Tgt Ion:266 Resp: 7
Ion Ratio Lower Upper
266 100
264 114.3 50.1 75.1#
268 0.0 49.3 73.9#

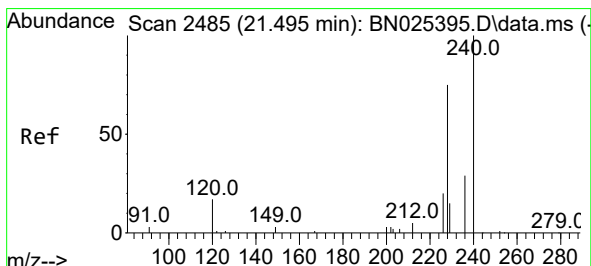
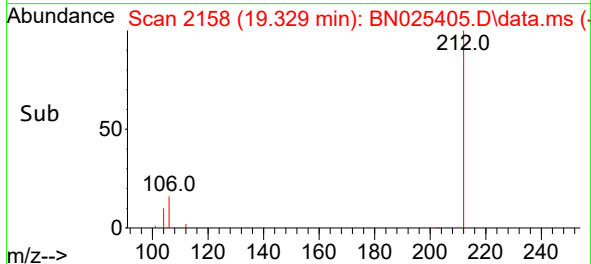
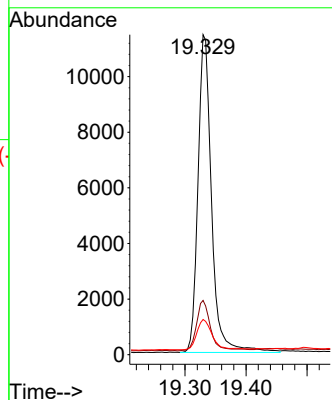
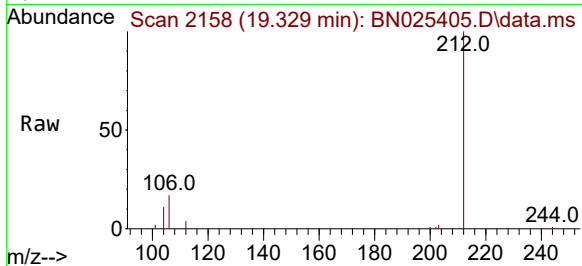




#27
Fluoranthene-d10
Concen: 0.279 ng
RT: 19.329 min Scan# 2158
Delta R.T. -0.004 min
Lab File: BN025405.D
Acq: 11 May 2023 17:43

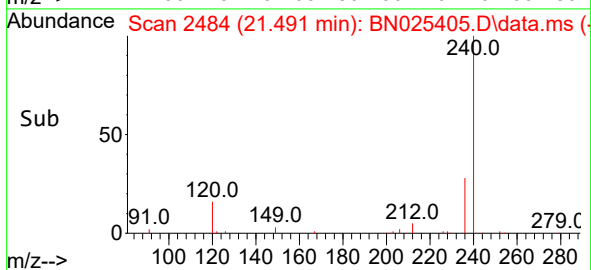
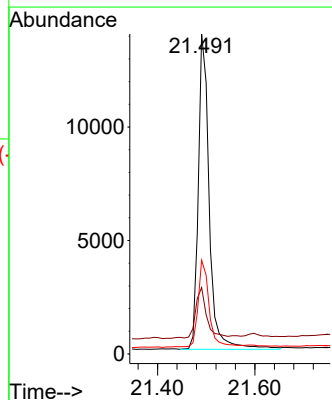
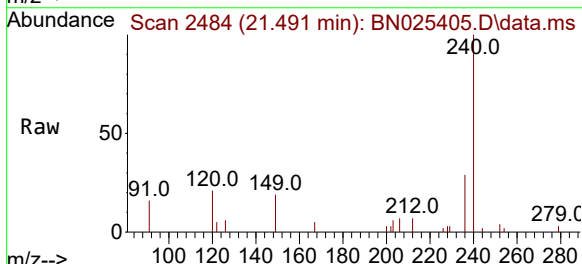
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-49.5-050923

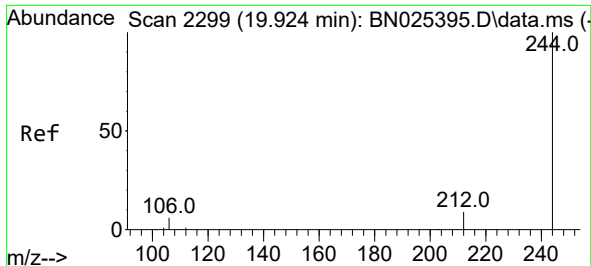
Tgt Ion:212 Resp: 17713
Ion Ratio Lower Upper
212 100
106 16.4 12.6 19.0
104 10.7 7.0 10.4#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.491 min Scan# 2484
Delta R.T. -0.004 min
Lab File: BN025405.D
Acq: 11 May 2023 17:43

Tgt Ion:240 Resp: 21642
Ion Ratio Lower Upper
240 100
120 20.8 19.0 28.6
236 29.3 25.0 37.6

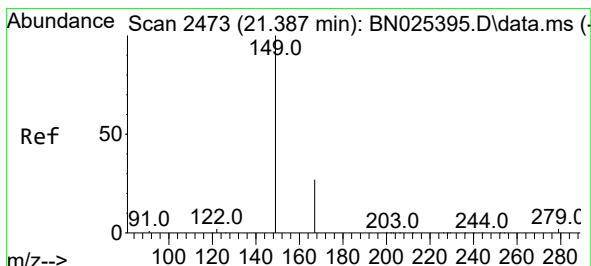
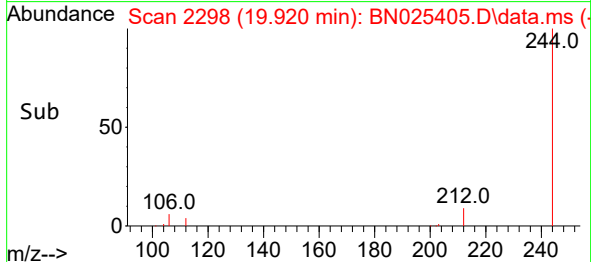
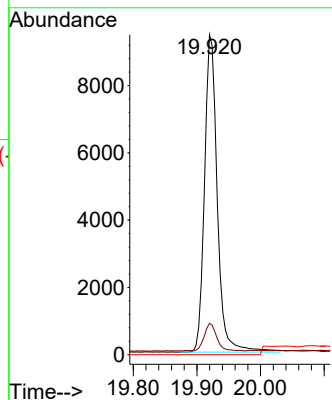
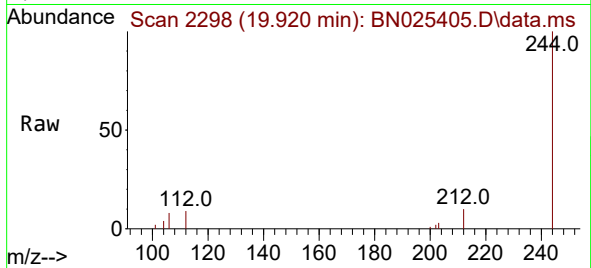




#31
 Terphenyl-d14
 Concen: 0.276 ng
 RT: 19.920 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN025405.D
 Acq: 11 May 2023 17:43

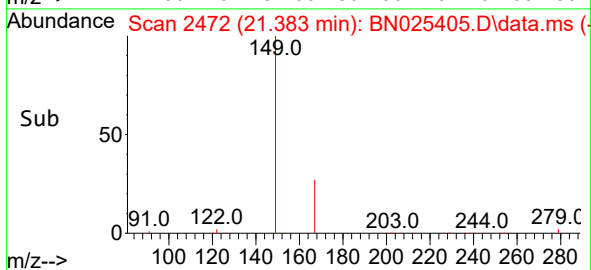
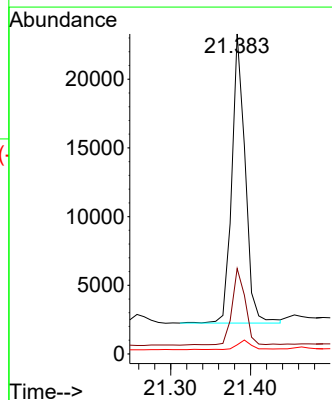
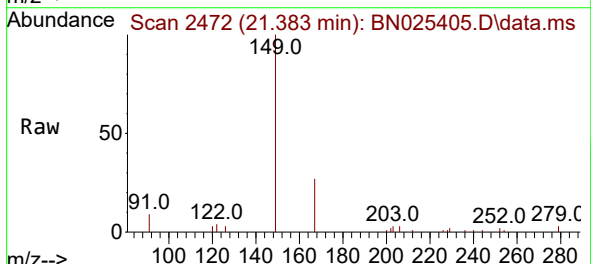
Instrument :
 BNA_N
 ClientSampleId :
 CB-14-G1-SO-49.5-050923

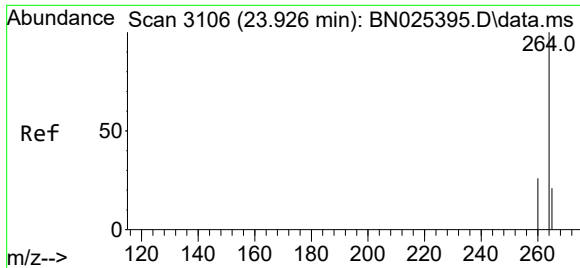
Tgt Ion:244 Resp: 14395
 Ion Ratio Lower Upper
 244 100
 212 9.8 7.5 11.3
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.345 ng
 RT: 21.383 min Scan# 2472
 Delta R.T. -0.004 min
 Lab File: BN025405.D
 Acq: 11 May 2023 17:43

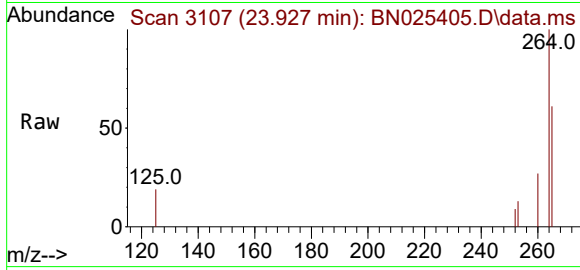
Tgt Ion:149 Resp: 24507
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.7 32.5
 279 3.8 3.0 4.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.927 min Scan# 31
 Delta R.T. 0.002 min
 Lab File: BN025405.D
 Acq: 11 May 2023 17:43

Instrument :
 BNA_N
 ClientSampleId :
 CB-14-G1-SO-49.5-050923



Tgt Ion:	264	Resp:	20123
Ion	Ratio	Lower	Upper
264	100		
260	26.9	23.5	35.3
265	61.2	50.9	76.3

