

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
 Data File : BN025409.D
 Acq On : 11 May 2023 20:07
 Operator : CG/JU
 Sample : 02723-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-14-G1-SO-30.5-050923-FD

Quant Time: May 12 04:01:50 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)

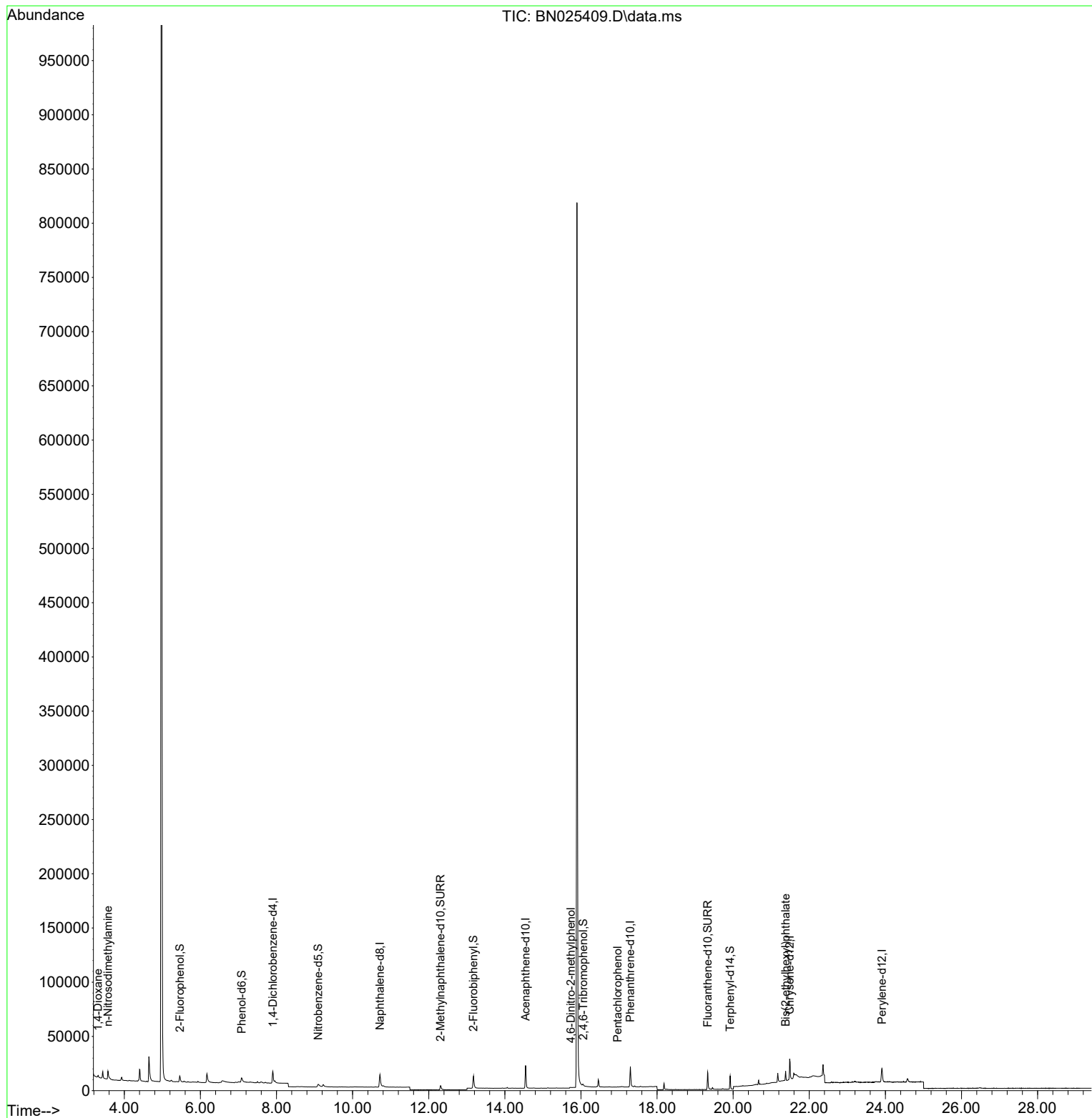
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	7200	0.400	ng	0.00
7) Naphthalene-d8	10.718	136	22147	0.400	ng	0.01
13) Acenaphthene-d10	14.544	164	13383	0.400	ng	0.00
19) Phenanthrene-d10	17.298	188	28877	0.400	ng	0.00
29) Chrysene-d12	21.486	240	21042	0.400	ng	0.00
35) Perylene-d12	23.908	264	19501	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.463	112	5407	0.324	ng	0.00
5) Phenol-d6	7.088	99	6316	0.279	ng	0.00
8) Nitrobenzene-d5	9.095	82	4073	0.228	ng	0.01
11) 2-Methylnaphthalene-d10	12.309	152	8711	0.298	ng	0.00
14) 2,4,6-Tribromophenol	16.057	330	1131	0.158	ng	0.00
15) 2-Fluorobiphenyl	13.176	172	12647	0.272	ng	0.00
27) Fluoranthene-d10	19.329	212	19489	0.295	ng	0.00
31) Terphenyl-d14	19.920	244	15029	0.296	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.310	88	1081	0.163	ng	# 42
3) n-Nitrosodimethylamine	3.570	42	1357	0.127	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.734	198	3	0.220	ng	# 1
24) Pentachlorophenol	16.963	266	20	0.101	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.378	149	7663	0.111	ng	99

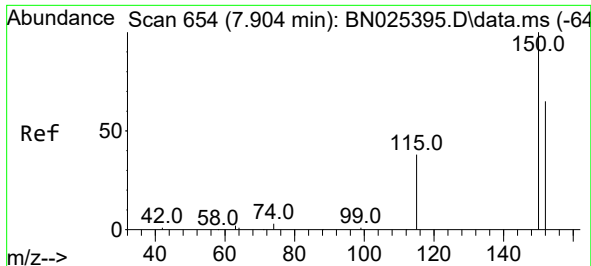
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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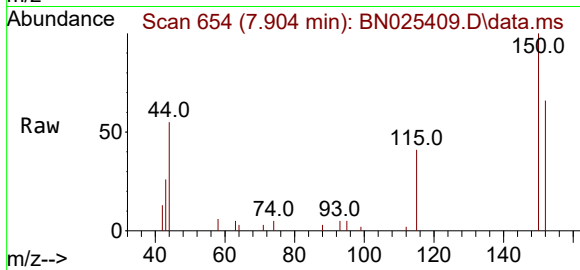
Quant Time: May 12 04:01:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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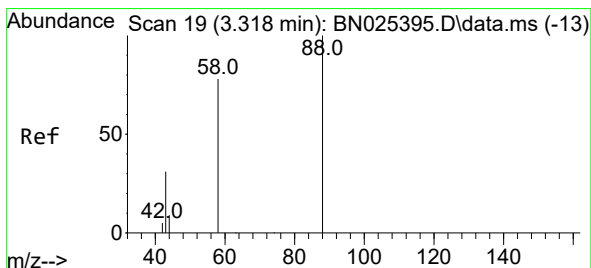
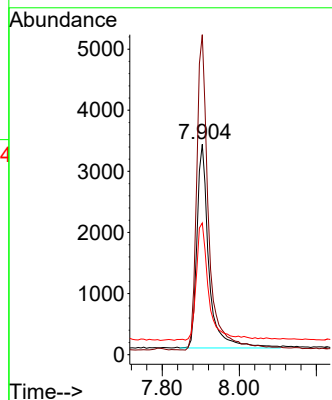
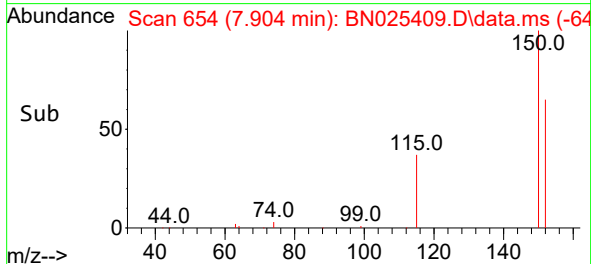


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.904 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN025409.D
 Acq: 11 May 2023 20:07

Instrument :
 BNA_N
 ClientSampleId :
 CB-14-G1-SO-30.5-050923-FD

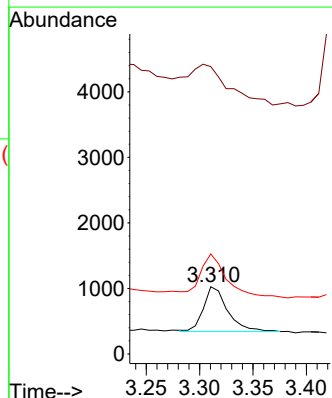
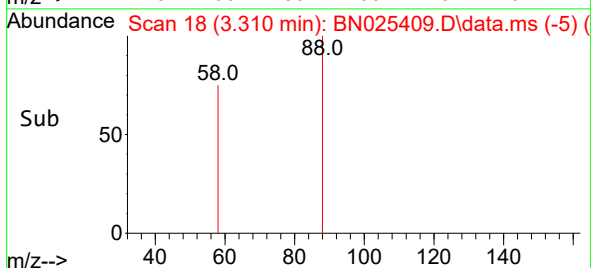
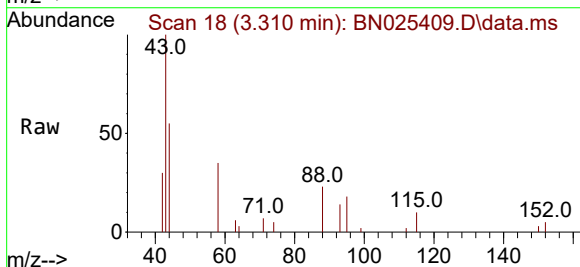


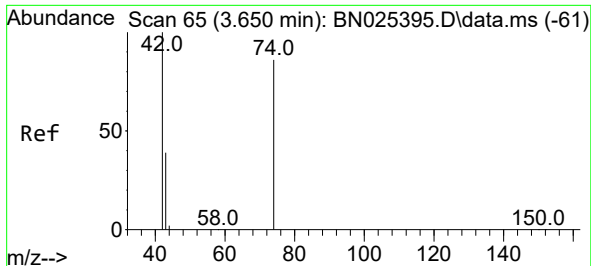
Tgt Ion:152 Resp: 7200
 Ion Ratio Lower Upper
 152 100
 150 152.1 121.4 182.2
 115 62.6 50.6 76.0



#2
 1,4-Dioxane
 Concen: 0.163 ng
 RT: 3.310 min Scan# 18
 Delta R.T. -0.007 min
 Lab File: BN025409.D
 Acq: 11 May 2023 20:07

Tgt Ion: 88 Resp: 1081
 Ion Ratio Lower Upper
 88 100
 43 143.6 37.4 56.2#
 58 100.6 71.5 107.3

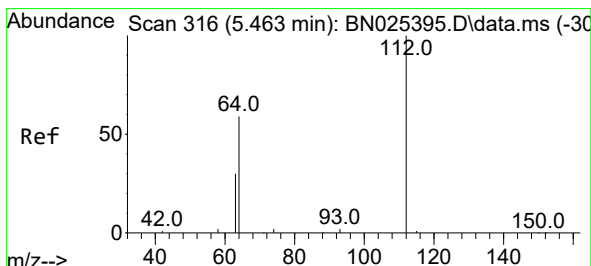
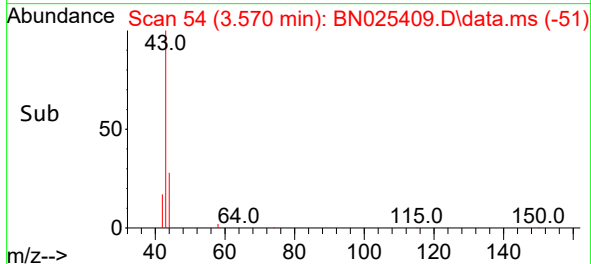
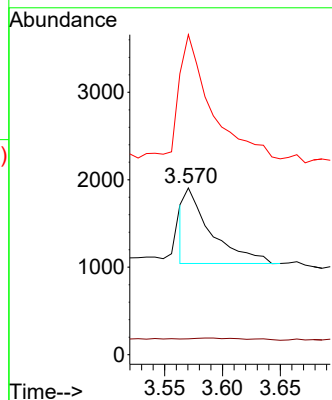
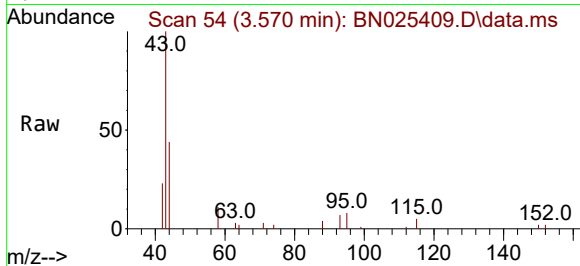




#3
n-Nitrosodimethylamine
Concen: 0.127 ng
RT: 3.570 min Scan# 54
Delta R.T. -0.079 min
Lab File: BN025409.D
Acq: 11 May 2023 20:07

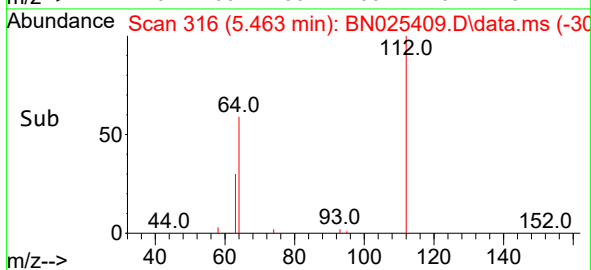
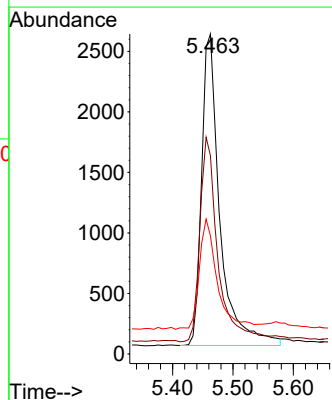
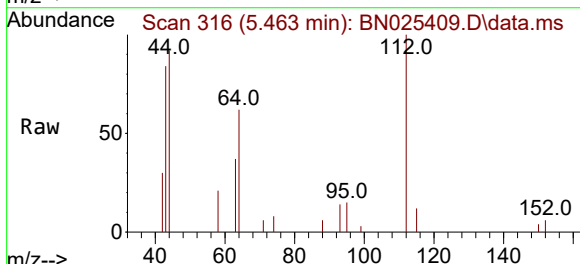
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-30.5-050923-FD

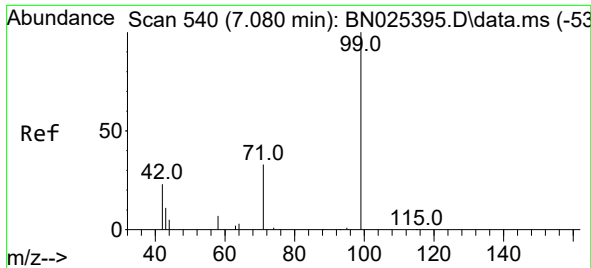
Tgt Ion: 42 Resp: 1357
Ion Ratio Lower Upper
42 100
74 5.7 82.2 123.4#
44 164.2 7.8 11.8#



#4
2-Fluorophenol
Concen: 0.324 ng
RT: 5.463 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN025409.D
Acq: 11 May 2023 20:07

Tgt Ion: 112 Resp: 5407
Ion Ratio Lower Upper
112 100
64 66.4 51.9 77.9
63 35.1 27.4 41.2

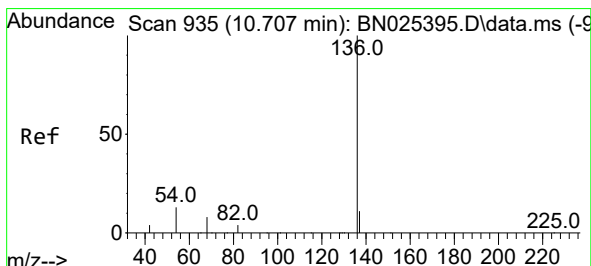
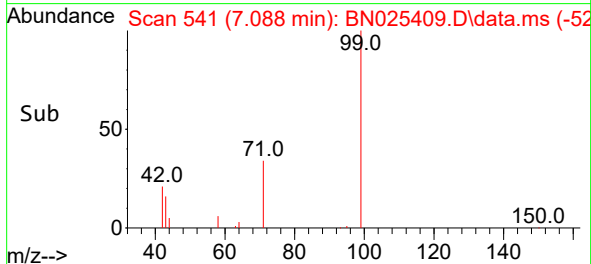
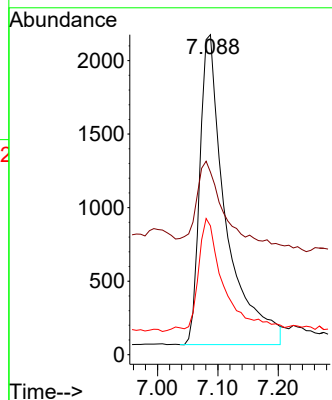
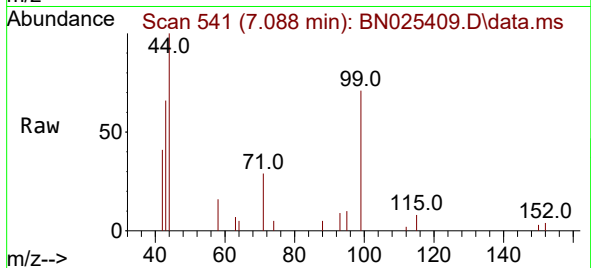




#5
Phenol-d6
Concen: 0.279 ng
RT: 7.088 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN025409.D
Acq: 11 May 2023 20:07

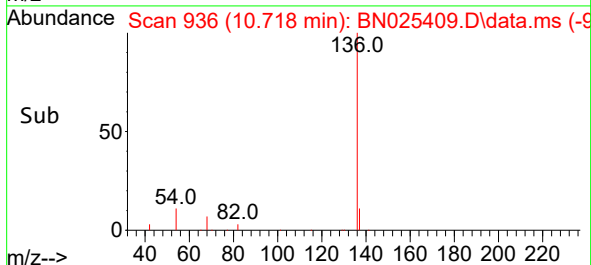
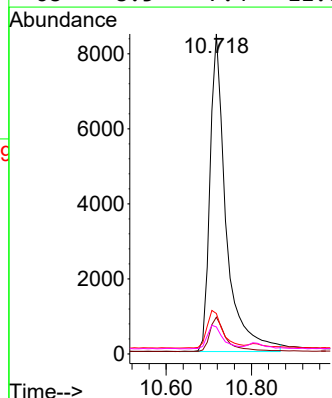
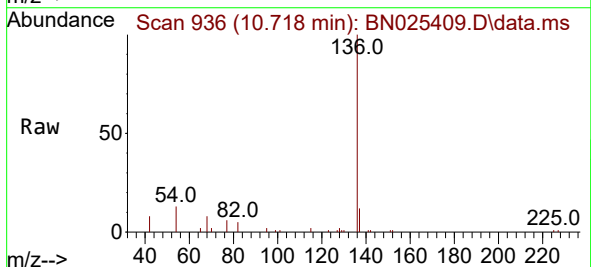
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-30.5-050923-FD

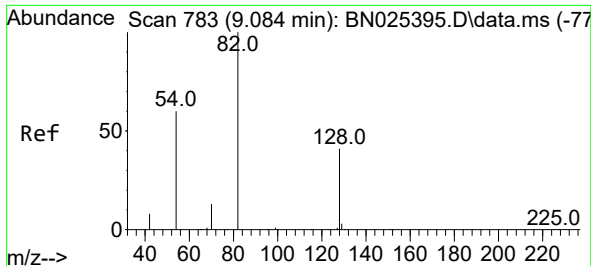
Tgt Ion: 99 Resp: 6316
Ion Ratio Lower Upper
99 100
42 26.5 23.5 35.3
71 36.2 28.1 42.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.718 min Scan# 936
Delta R.T. 0.011 min
Lab File: BN025409.D
Acq: 11 May 2023 20:07

Tgt Ion: 136 Resp: 22147
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 12.6 11.2 16.8
68 8.5 7.4 11.0

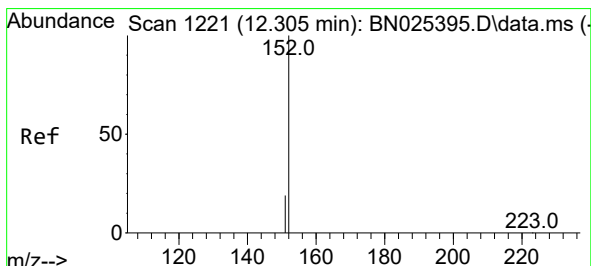
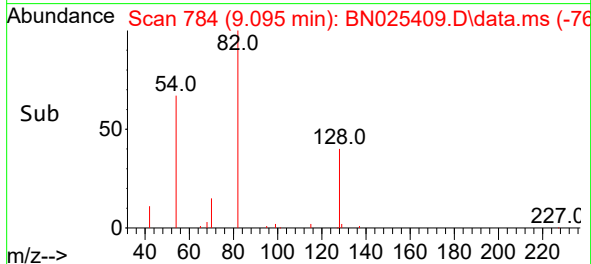
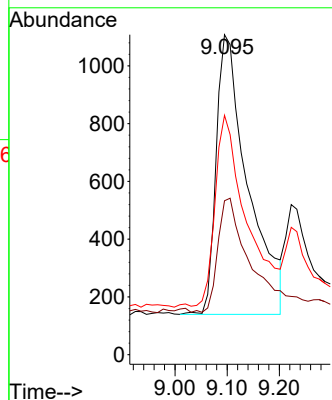
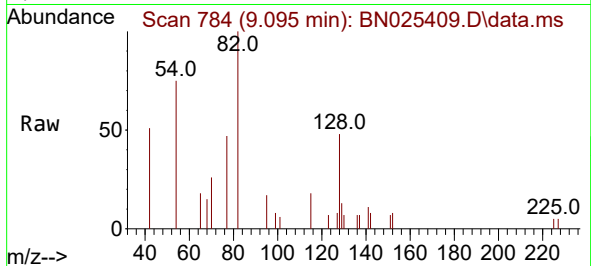




#8
Nitrobenzene-d5
Concen: 0.228 ng
RT: 9.095 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN025409.D
Acq: 11 May 2023 20:07

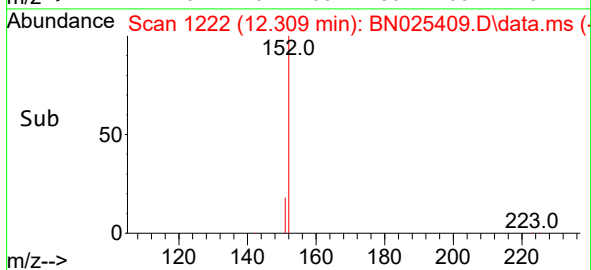
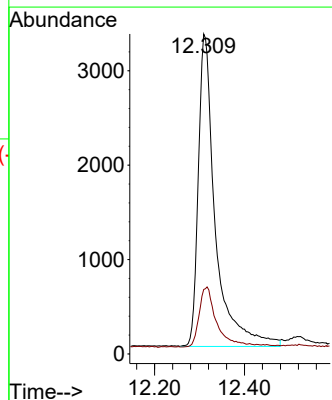
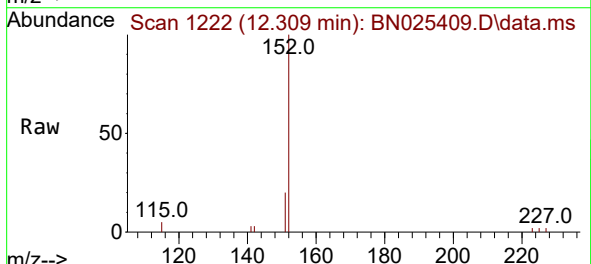
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-30.5-050923-FD

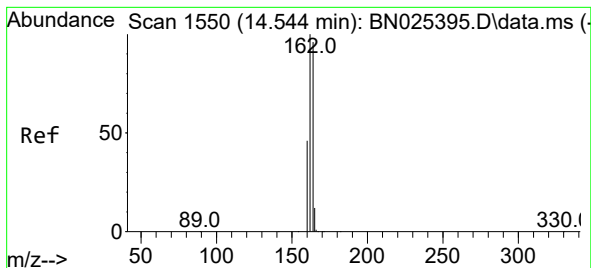
Tgt Ion: 82 Resp: 4073
Ion Ratio Lower Upper
82 100
128 48.1 35.8 53.8
54 74.8 50.4 75.6



#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.309 min Scan# 1222
Delta R.T. 0.004 min
Lab File: BN025409.D
Acq: 11 May 2023 20:07

Tgt Ion: 152 Resp: 8711
Ion Ratio Lower Upper
152 100
151 19.4 16.1 24.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.544 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN025409.D

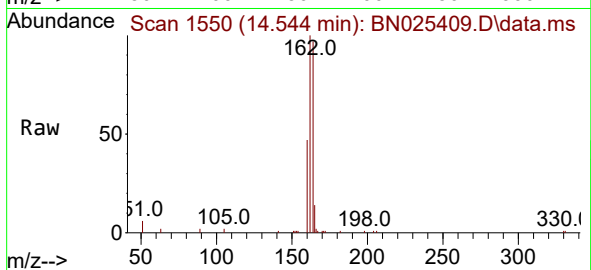
Acq: 11 May 2023 20:07

Instrument :

BNA_N

ClientSampleId :

CB-14-G1-SO-30.5-050923-FD



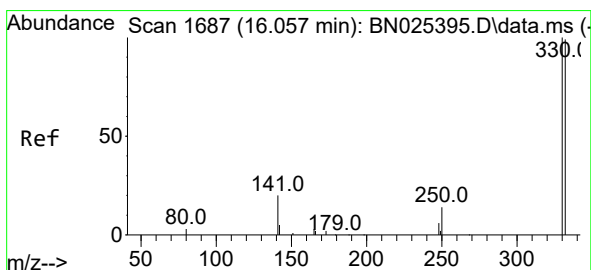
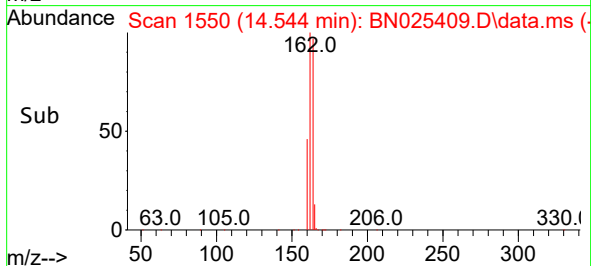
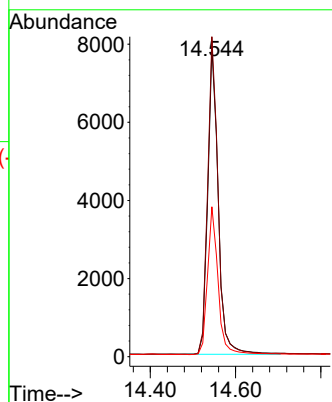
Tgt Ion:164 Resp: 13383

Ion Ratio Lower Upper

164 100

162 103.5 83.2 124.8

160 48.5 38.8 58.2



#14

2,4,6-Tribromophenol

Concen: 0.158 ng

RT: 16.057 min Scan# 1687

Delta R.T. 0.000 min

Lab File: BN025409.D

Acq: 11 May 2023 20:07

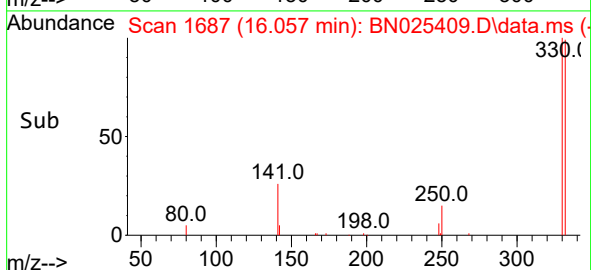
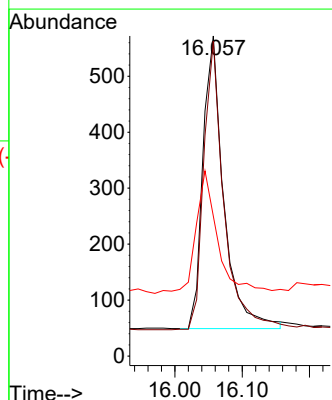
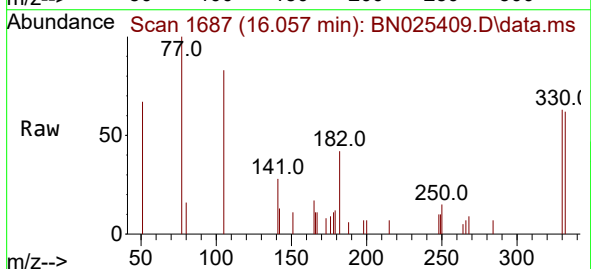
Tgt Ion:330 Resp: 1131

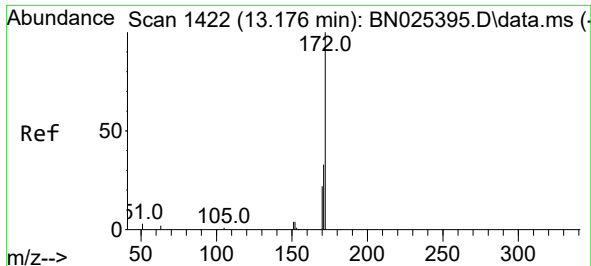
Ion Ratio Lower Upper

330 100

332 95.8 78.0 117.0

141 39.8 30.2 45.2

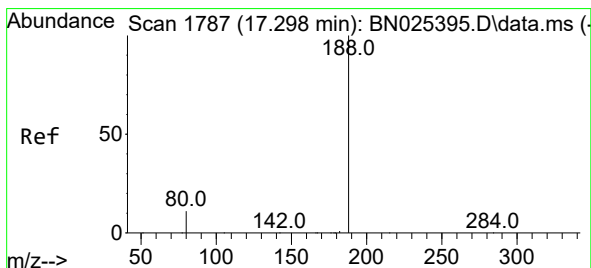
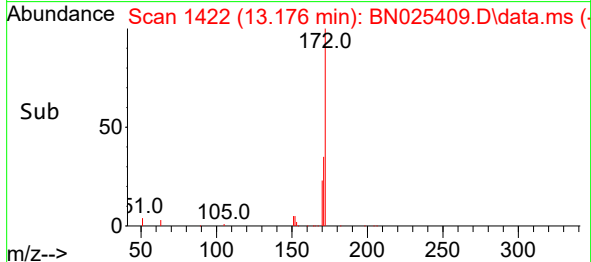
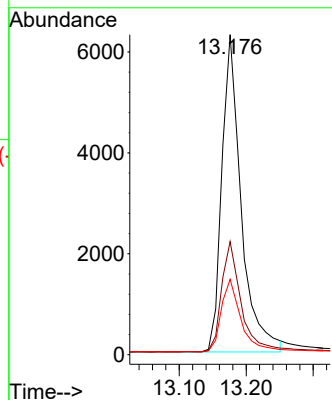
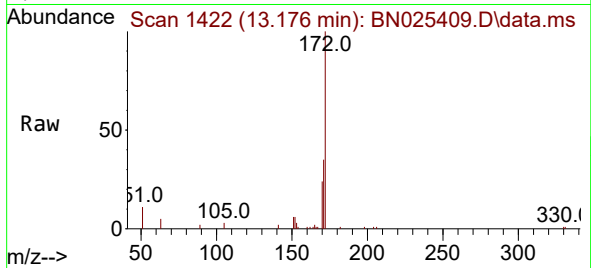




#15
2-Fluorobiphenyl
Concen: 0.272 ng
RT: 13.176 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN025409.D
Acq: 11 May 2023 20:07

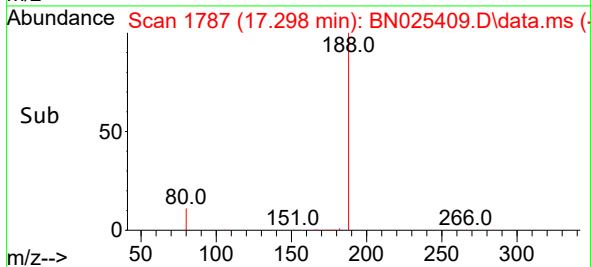
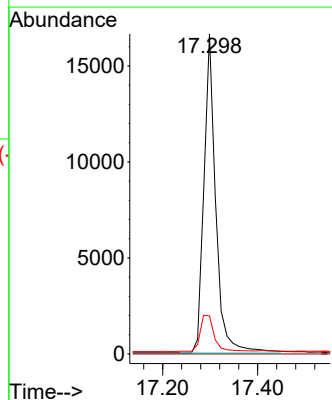
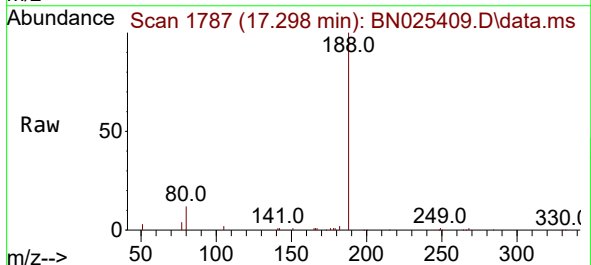
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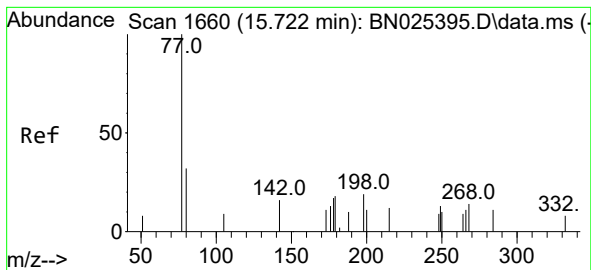
Tgt Ion:	172	Resp:	12647
Ion Ratio	Lower	Upper	
172	100		
171	35.3	26.7	40.1
170	23.6	17.8	26.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.298 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BN025409.D
Acq: 11 May 2023 20:07

Tgt Ion:	188	Resp:	28877
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.9	9.4	14.2

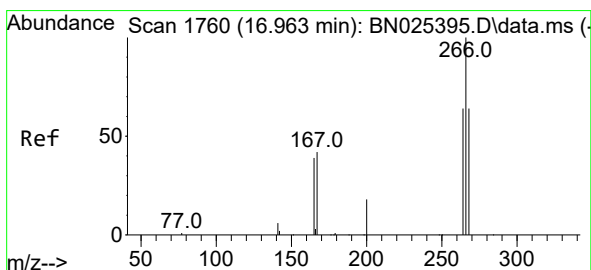
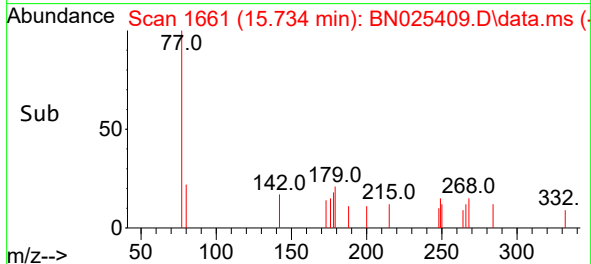
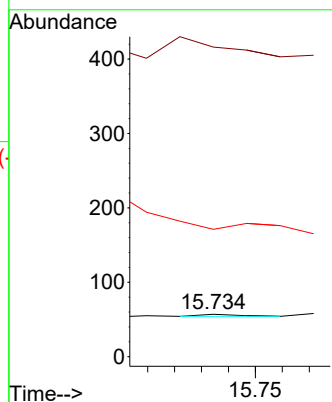
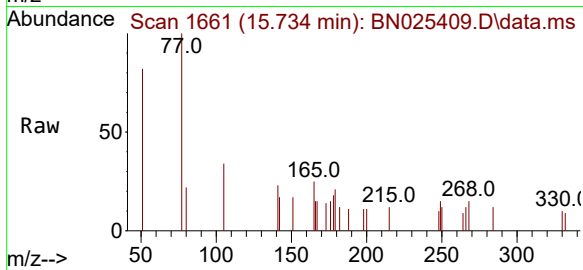




#20
4,6-Dinitro-2-methylphenol
Concen: 0.220 ng
RT: 15.734 min Scan# 1661
Delta R.T. 0.012 min
Lab File: BN025409.D
Acq: 11 May 2023 20:07

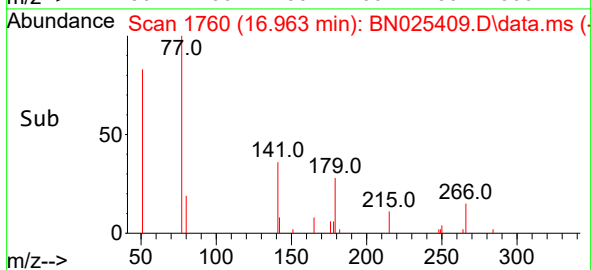
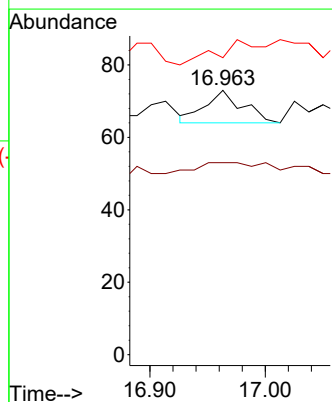
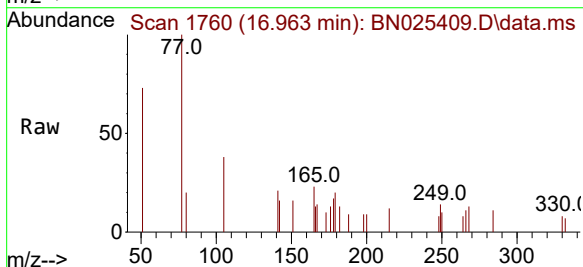
Instrument :
BNA_N
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CB-14-G1-SO-30.5-050923-FD

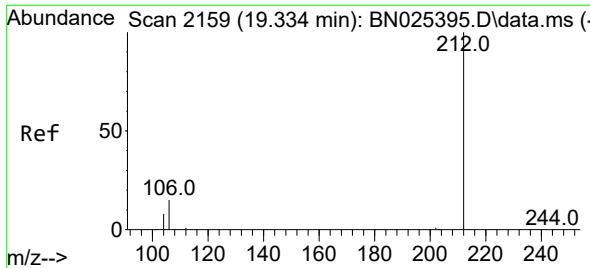
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 729.8 259.2 388.8#
105 300.0 112.6 168.8#



#24
Pentachlorophenol
Concen: 0.101 ng
RT: 16.963 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BN025409.D
Acq: 11 May 2023 20:07

Tgt Ion:266 Resp: 20
Ion Ratio Lower Upper
266 100
264 0.0 50.1 75.1#
268 170.0 49.3 73.9#

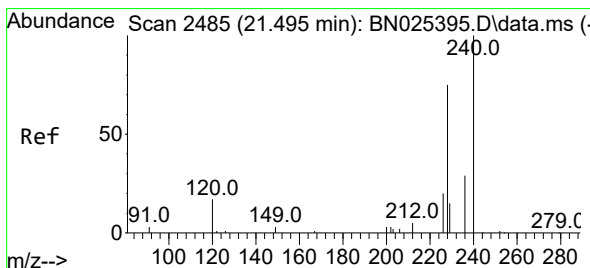
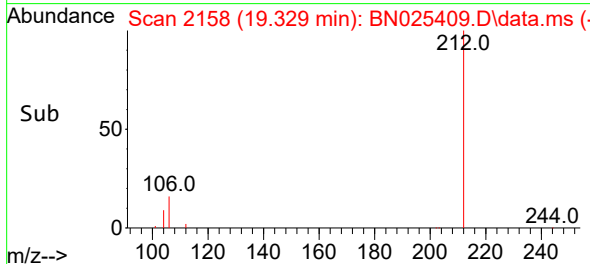
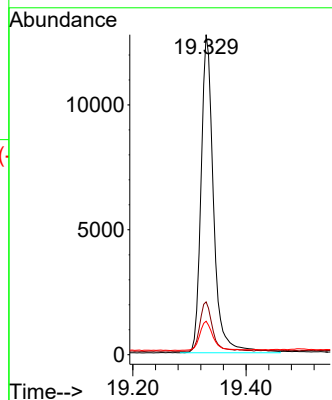
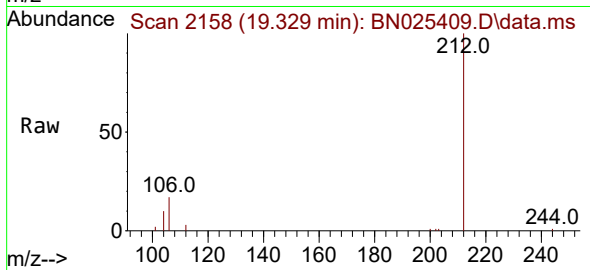




#27
Fluoranthene-d10
Concen: 0.295 ng
RT: 19.329 min Scan# 2158
Delta R.T. -0.004 min
Lab File: BN025409.D
Acq: 11 May 2023 20:07

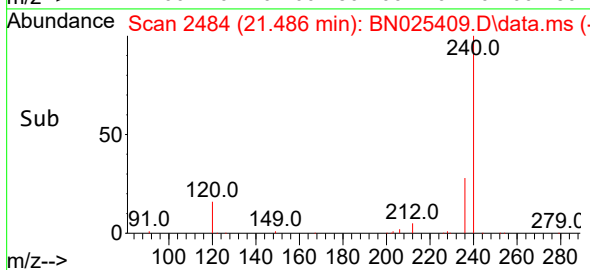
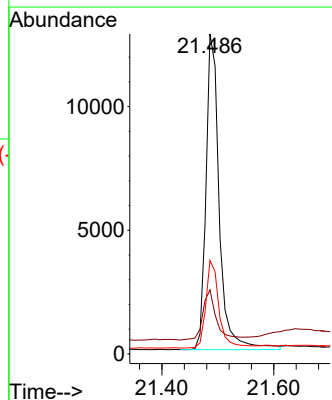
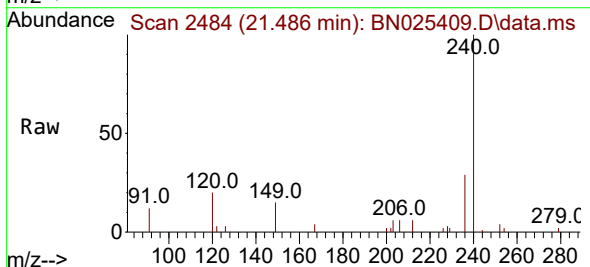
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-30.5-050923-FD

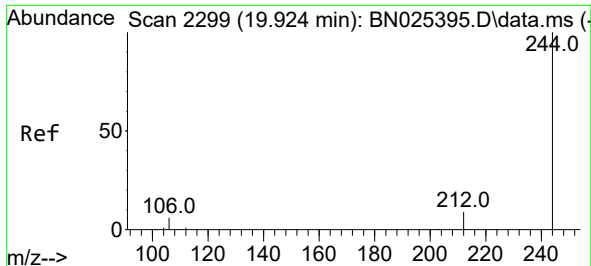
Tgt Ion:212 Resp: 19489
Ion Ratio Lower Upper
212 100
106 15.6 12.6 19.0
104 9.9 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.486 min Scan# 2484
Delta R.T. -0.009 min
Lab File: BN025409.D
Acq: 11 May 2023 20:07

Tgt Ion:240 Resp: 21042
Ion Ratio Lower Upper
240 100
120 20.0 19.0 28.6
236 29.2 25.0 37.6

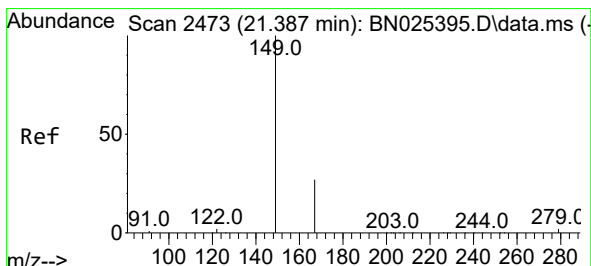
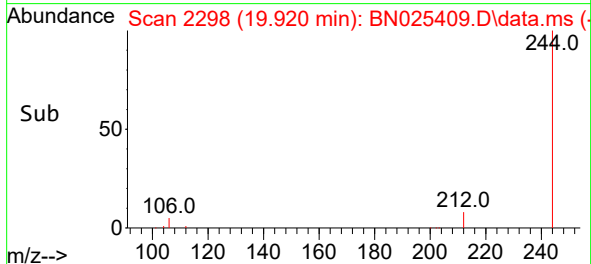
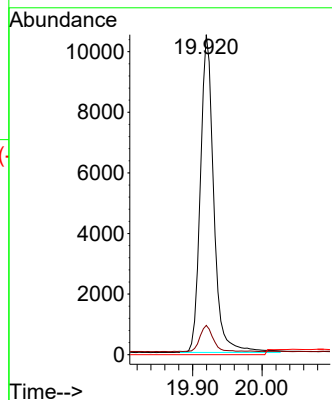
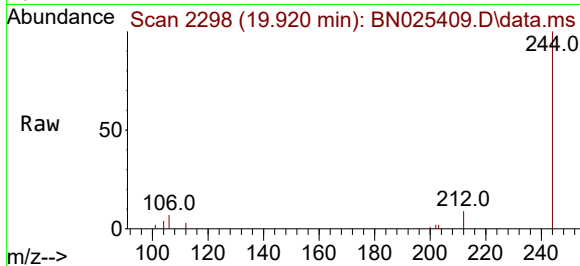




#31
Terphenyl-d14
Concen: 0.296 ng
RT: 19.920 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN025409.D
Acq: 11 May 2023 20:07

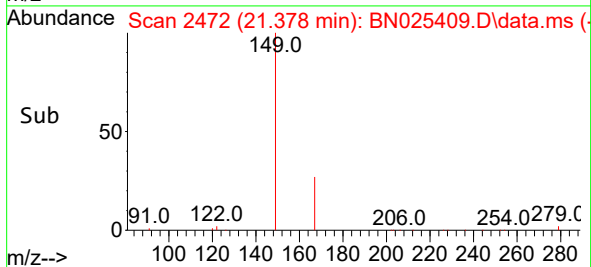
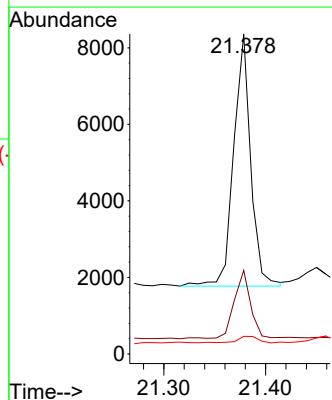
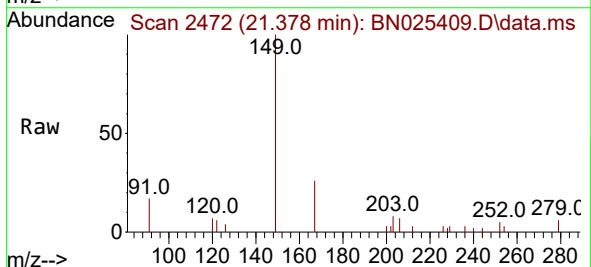
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-30.5-050923-FD

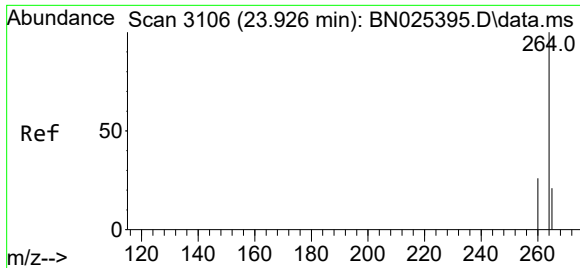
Tgt Ion:244 Resp: 15029
Ion Ratio Lower Upper
244 100
212 9.1 7.5 11.3
122 0.0 0.0 0.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.111 ng
RT: 21.378 min Scan# 2472
Delta R.T. -0.009 min
Lab File: BN025409.D
Acq: 11 May 2023 20:07

Tgt Ion:149 Resp: 7663
Ion Ratio Lower Upper
149 100
167 26.5 21.7 32.5
279 3.3 3.0 4.4





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.908 min Scan# 31

Delta R.T. -0.017 min

Lab File: BN025409.D

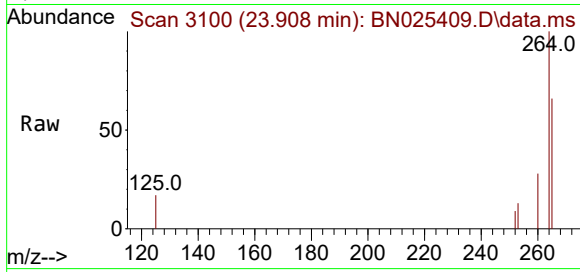
Acq: 11 May 2023 20:07

Instrument :

BNA_N

ClientSampleId :

CB-14-G1-SO-30.5-050923-FD



Tgt Ion:264 Resp: 19501

Ion Ratio Lower Upper

264 100

260 27.7 23.5 35.3

265 65.9 50.9 76.3

