

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)

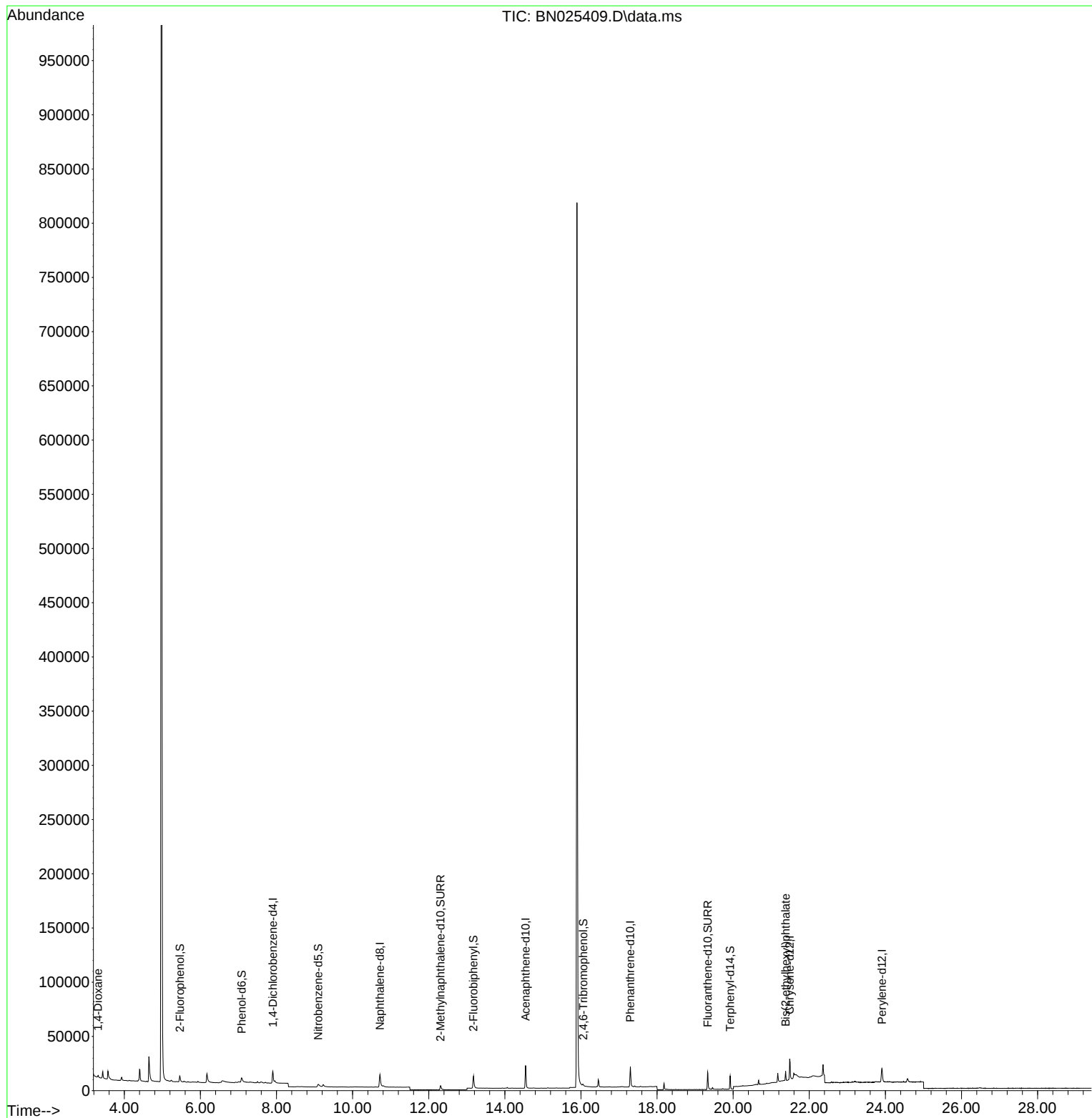
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	7200	0.400	ng	0.00
7) Naphthalene-d8	10.718	136	22147	0.400	ng	0.01
13) Acenaphthene-d10	14.544	164	13383	0.400	ng	0.00
19) Phenanthrene-d10	17.298	188	28877	0.400	ng	0.00
29) Chrysene-d12	21.486	240	21042	0.400	ng	0.00
35) Perylene-d12	23.908	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						
2) 1,4-Dioxane	3.310	88	1081	0.163	ng	Qvalue # 42
34) Bis(2-ethylhexyl)phtha...	21.378	149	7663	0.111	ng	99

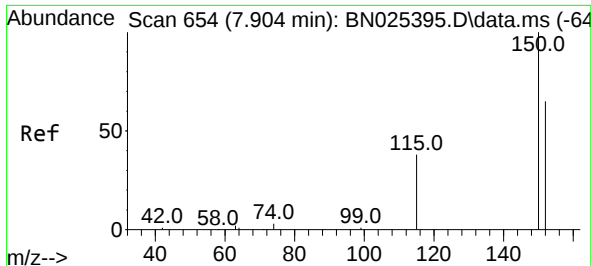
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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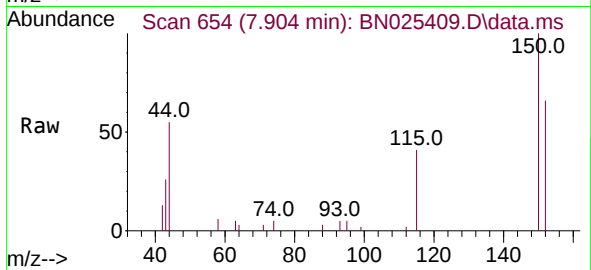
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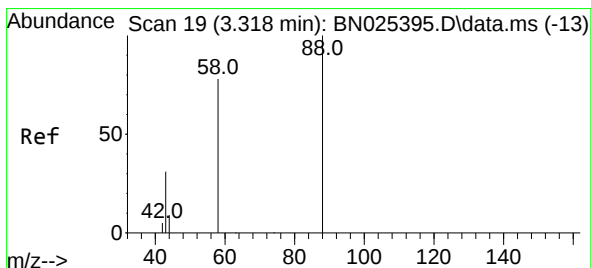
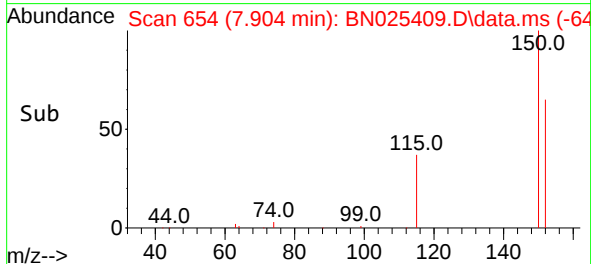
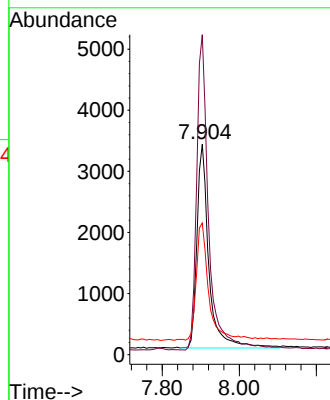
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN025409.D
Acq: 11 May 2023 20:07

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



Tgt Ion:152 Resp: 7200

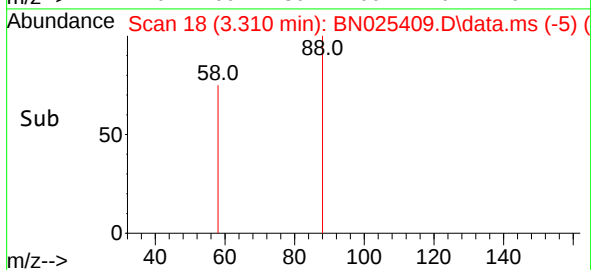
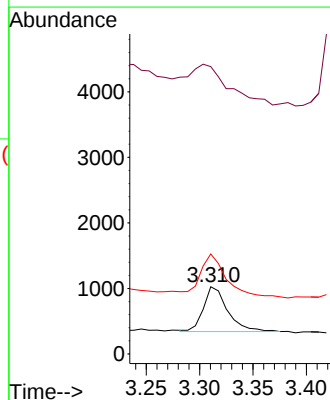
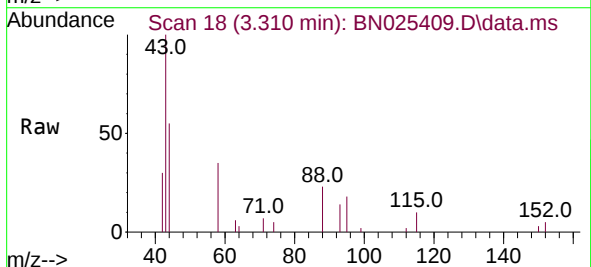
Ion	Ratio	Lower	Upper
152	100		
150	152.1	121.4	182.2
115	62.6	50.6	76.0

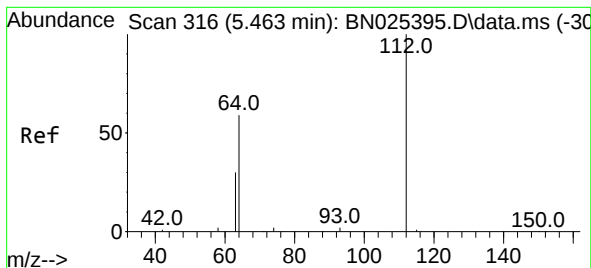


#2
1,4-Dioxane
Concen: 0.163 ng
RT: 3.310 min Scan# 18
Delta R.T. -0.007 min
Lab File: BN025409.D
Acq: 11 May 2023 20:07

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





#4

2-Fluorophenol

Concen: 0.324 ng

RT: 5.463 min Scan# 316

Delta R.T. 0.000 min

Lab File: BN025409.D

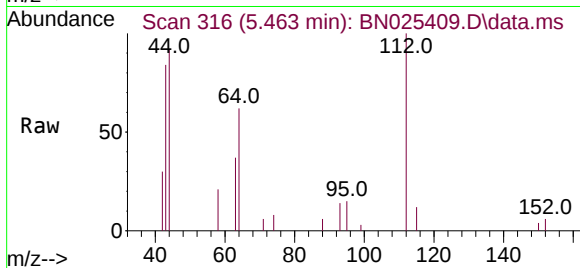
Acq: 11 May 2023 20:07

Instrument :

BNA_N

ClientSampleId :

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



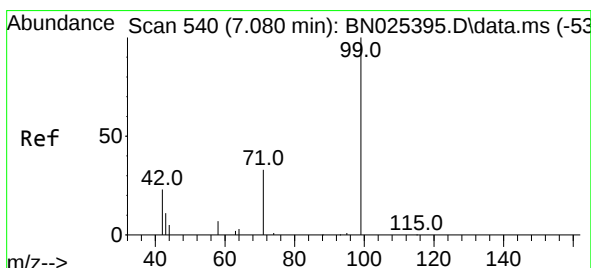
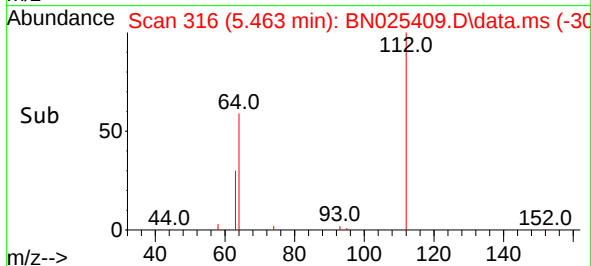
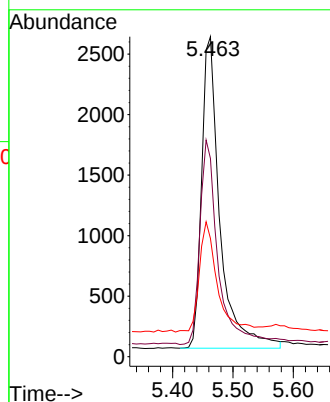
Tgt Ion:112 Resp: 5407

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

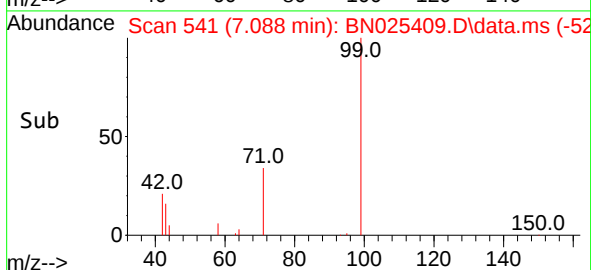
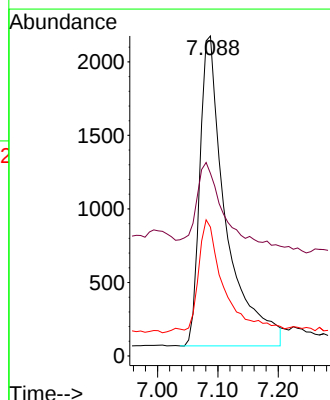
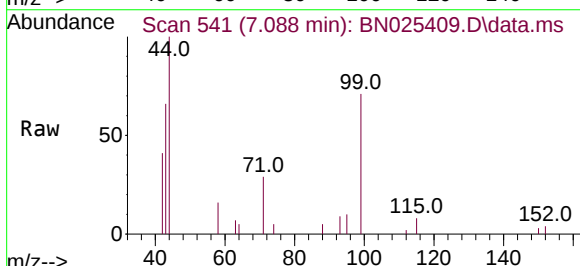
Tgt Ion: 99 Resp: 6316

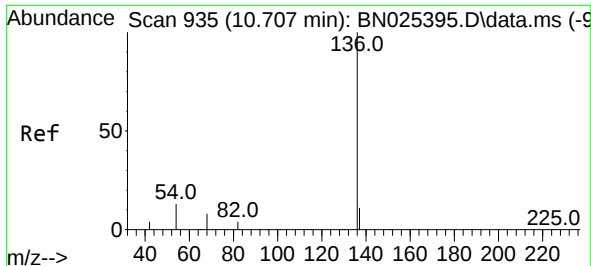
Ion Ratio Lower Upper

99 100

42 26.5 23.5 35.3

71 36.2 28.1 42.1

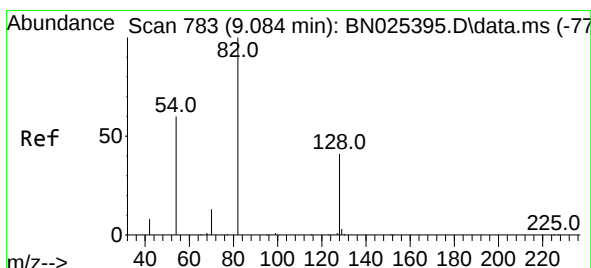
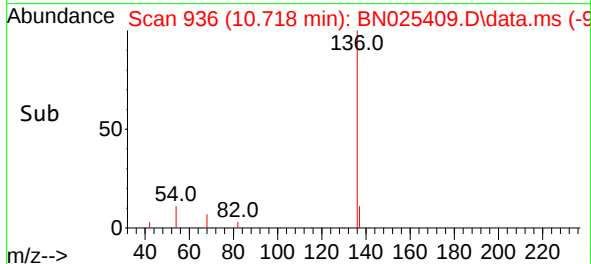
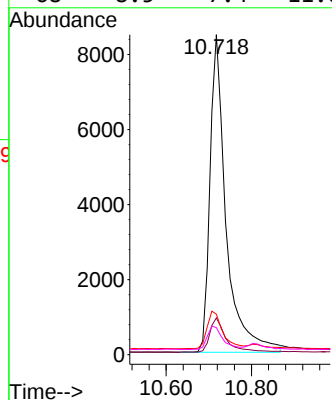
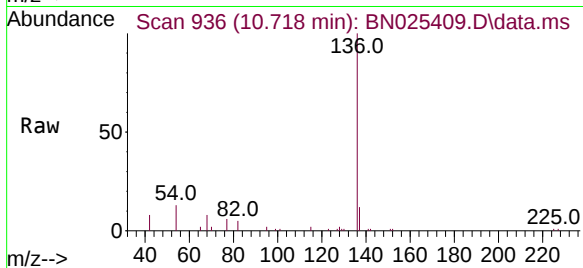




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.718 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN025409.D
Acq: 11 May 2023 20:07

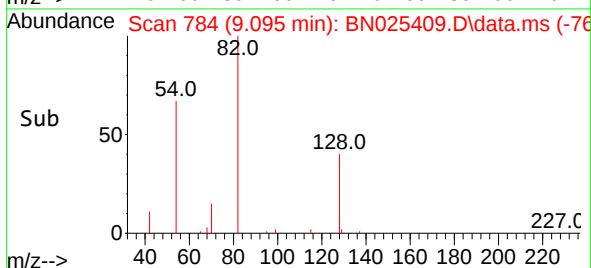
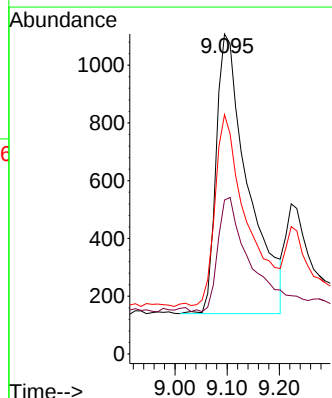
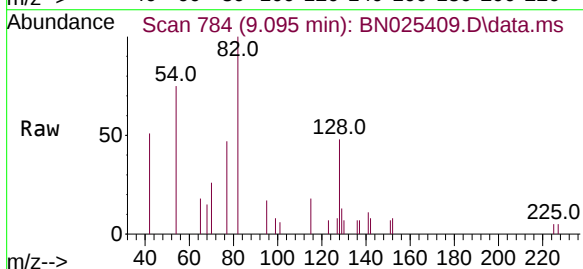
Instrument :
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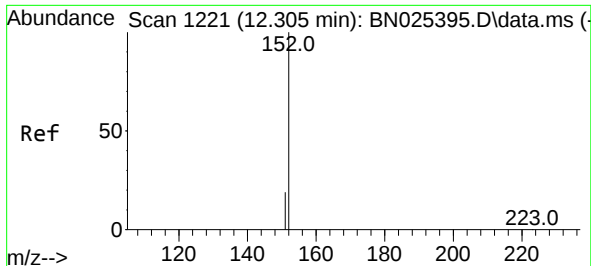
Tgt Ion:	136	Resp:	22147
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	12.6	11.2	16.8
68	8.5	7.4	11.0



#8
Nitrobenzene-d5
Concen: 0.228 ng
RT: 9.095 min Scan# 784
Delta R.T. 0.011 min
Lab File: BN025409.D
Acq: 11 May 2023 20:07

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

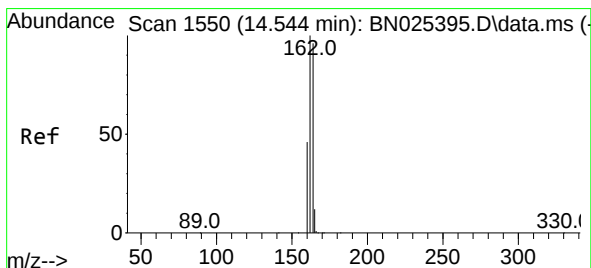
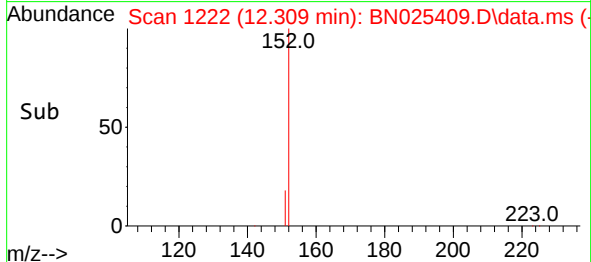
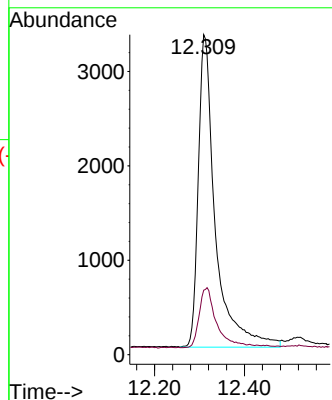
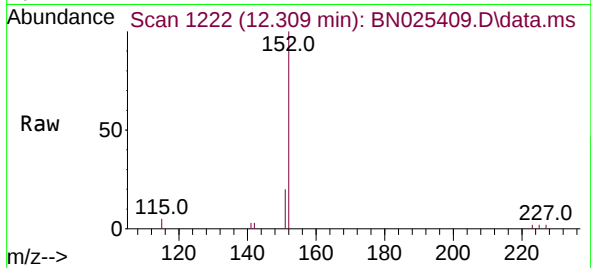




#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.309 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN025409.D
Acq: 11 May 2023 20:07

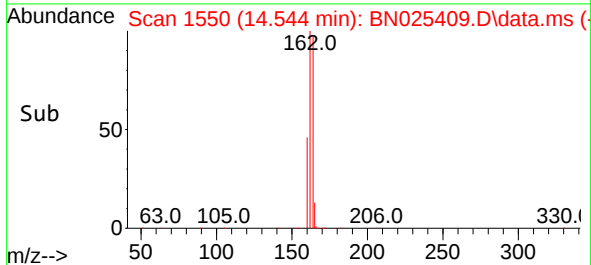
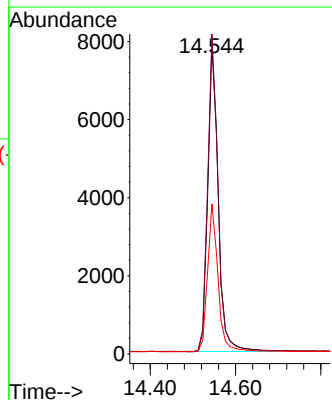
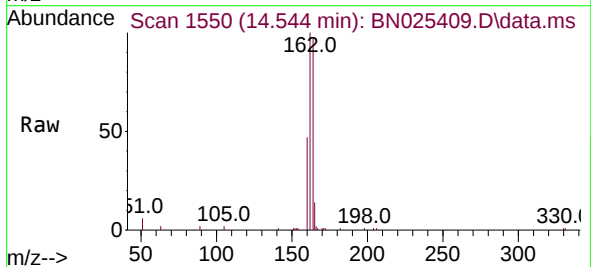
Instrument :
BNA_N
ClientSampleId :
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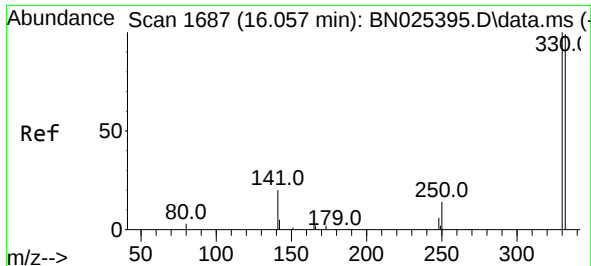
Tgt Ion:152 Resp: 8711
Ion Ratio Lower Upper
152 100
151 19.4 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.544 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BN025409.D
Acq: 11 May 2023 20:07

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

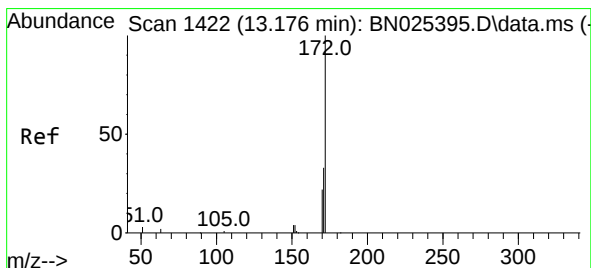
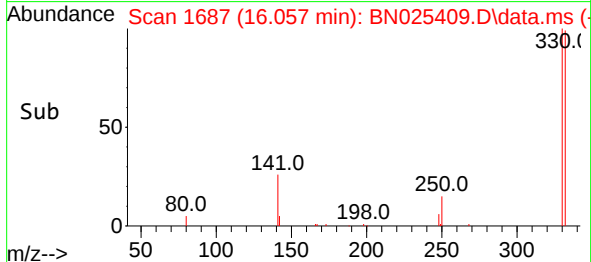
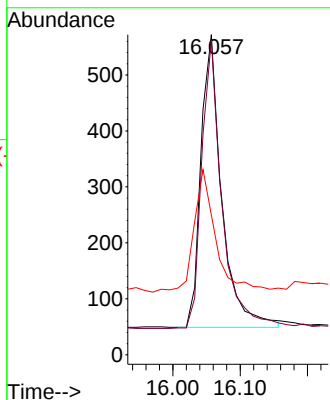
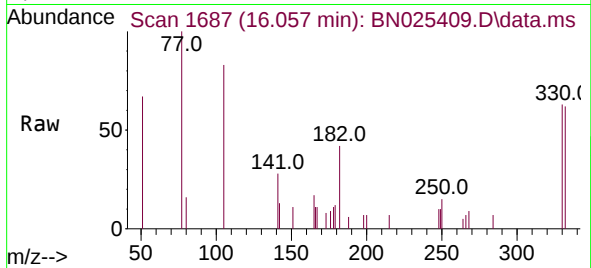




#14
2,4,6-Tribromophenol
Concen: 0.158 ng
RT: 16.057 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BN025409.D
Acq: 11 May 2023 20:07

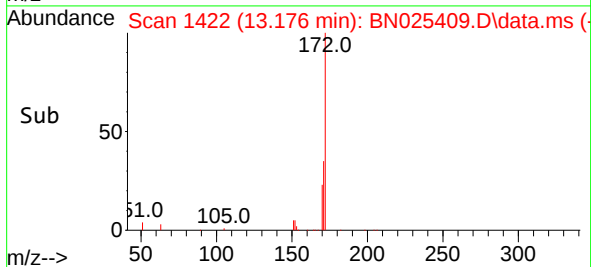
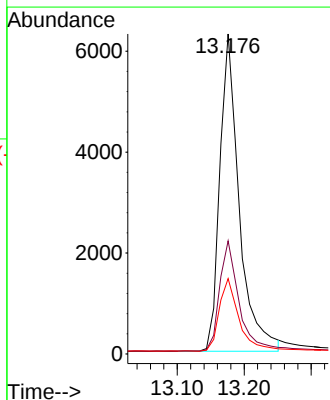
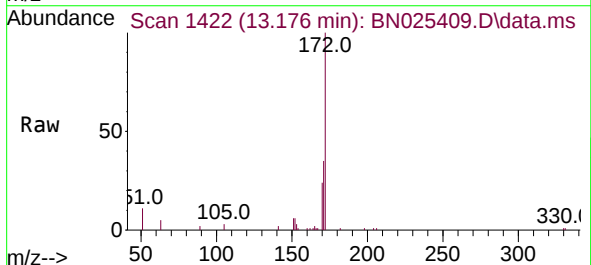
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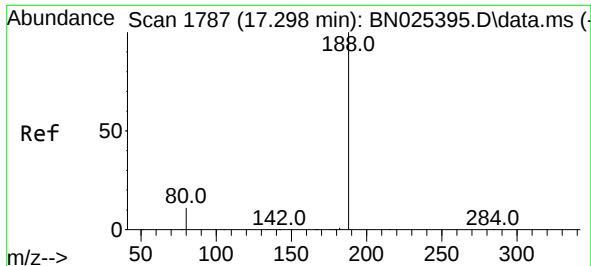
Tgt Ion:330 Resp: 1131
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 39.8 30.2 45.2



#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

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

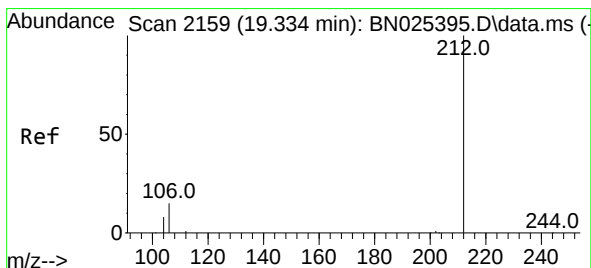
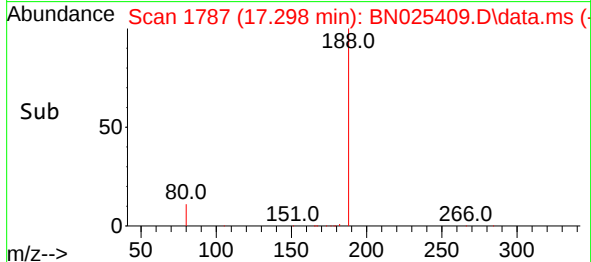
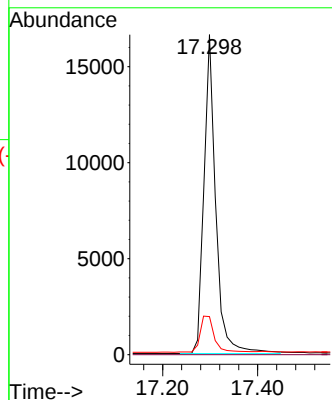
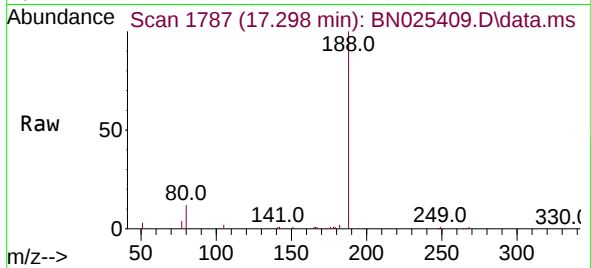




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025409.D
Acq: 11 May 2023 20:07

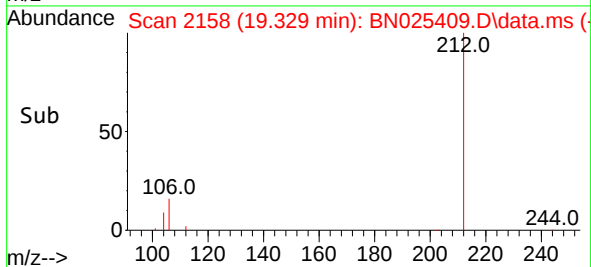
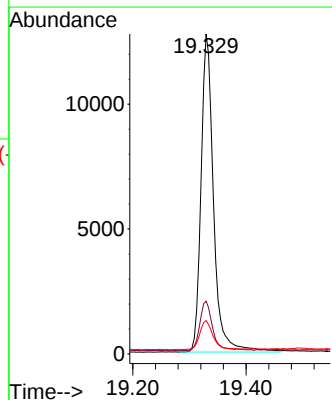
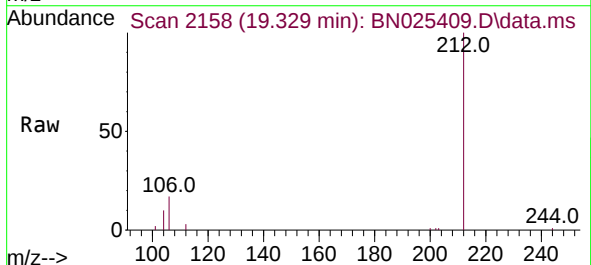
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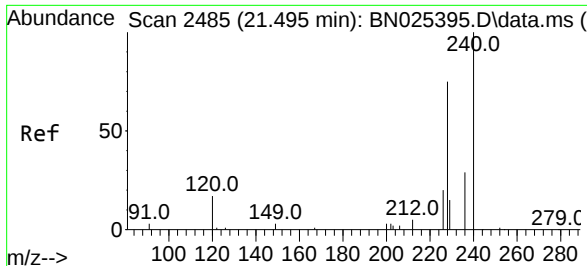
Tgt Ion:188 Resp: 28877
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 9.4 14.2



#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

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

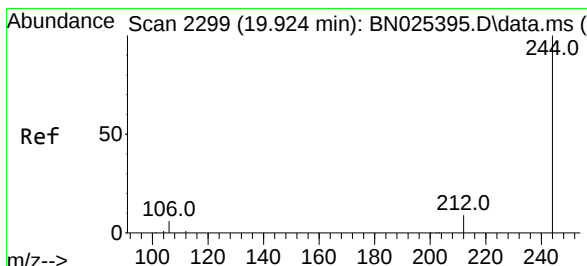
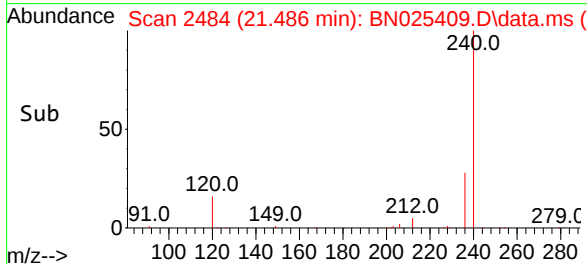
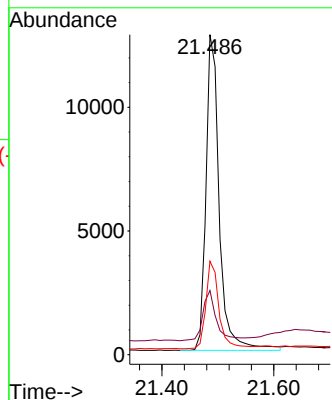
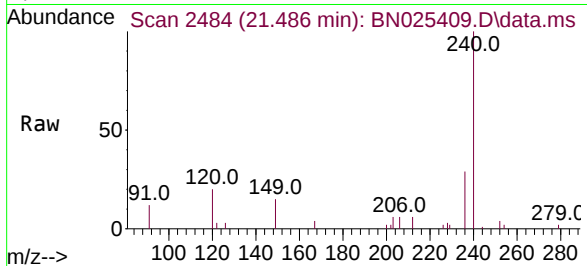




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.486 min Scan# 2485
Delta R.T. -0.009 min
Lab File: BN025409.D
Acq: 11 May 2023 20:07

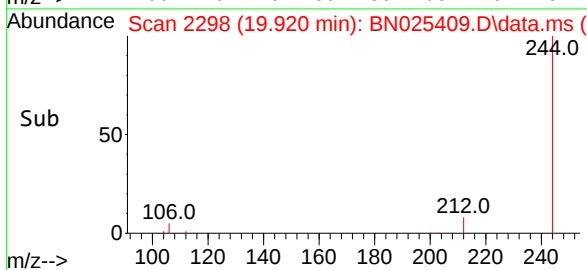
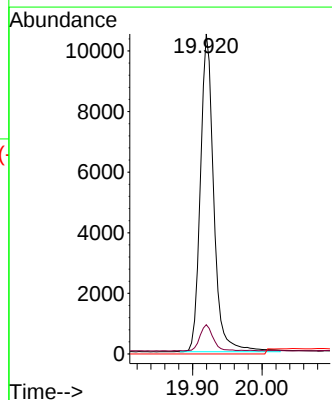
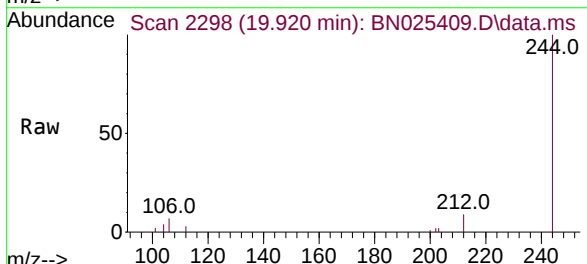
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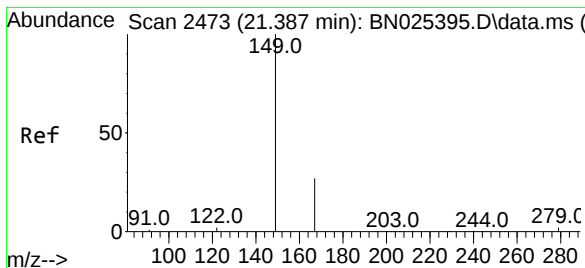
Tgt Ion:240 Resp: 21042
Ion Ratio Lower Upper
240 100
120 20.0 19.0 28.6
236 29.2 25.0 37.6



#31
Terphenyl-d14
Concen: 0.296 ng
RT: 19.920 min Scan# 2298
Delta R.T. -0.004 min
Lab File: BN025409.D
Acq: 11 May 2023 20:07

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

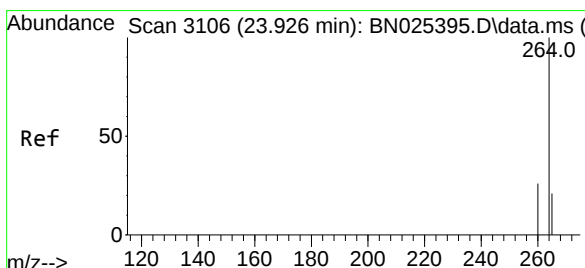
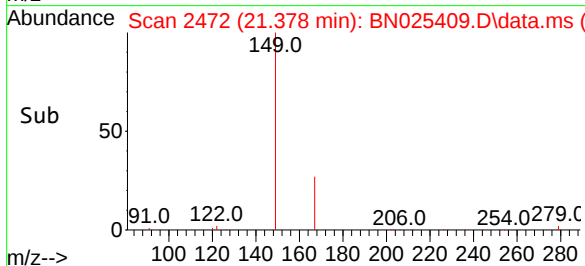
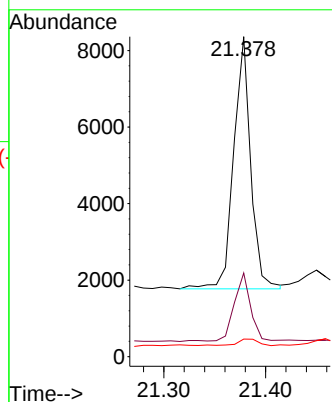
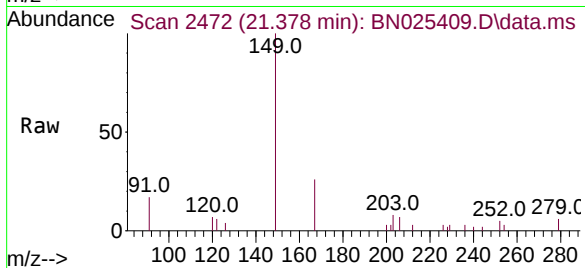




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.111 ng
 RT: 21.378 min Scan# 2473
 Delta R.T. -0.009 min
 Lab File: BN025409.D
 Acq: 11 May 2023 20:07

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

Tgt Ion: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# 3100
 Delta R.T. -0.017 min
 Lab File: BN025409.D
 Acq: 11 May 2023 20:07

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

