

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122823\
 Data File : BN029210.D
 Acq On : 28 Dec 2023 12:37
 Operator : MA/JU
 Sample : 05964-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COMA4

Quant Time: Dec 28 13:05:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 28 01:20:47 2023
 Response via : Initial Calibration

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

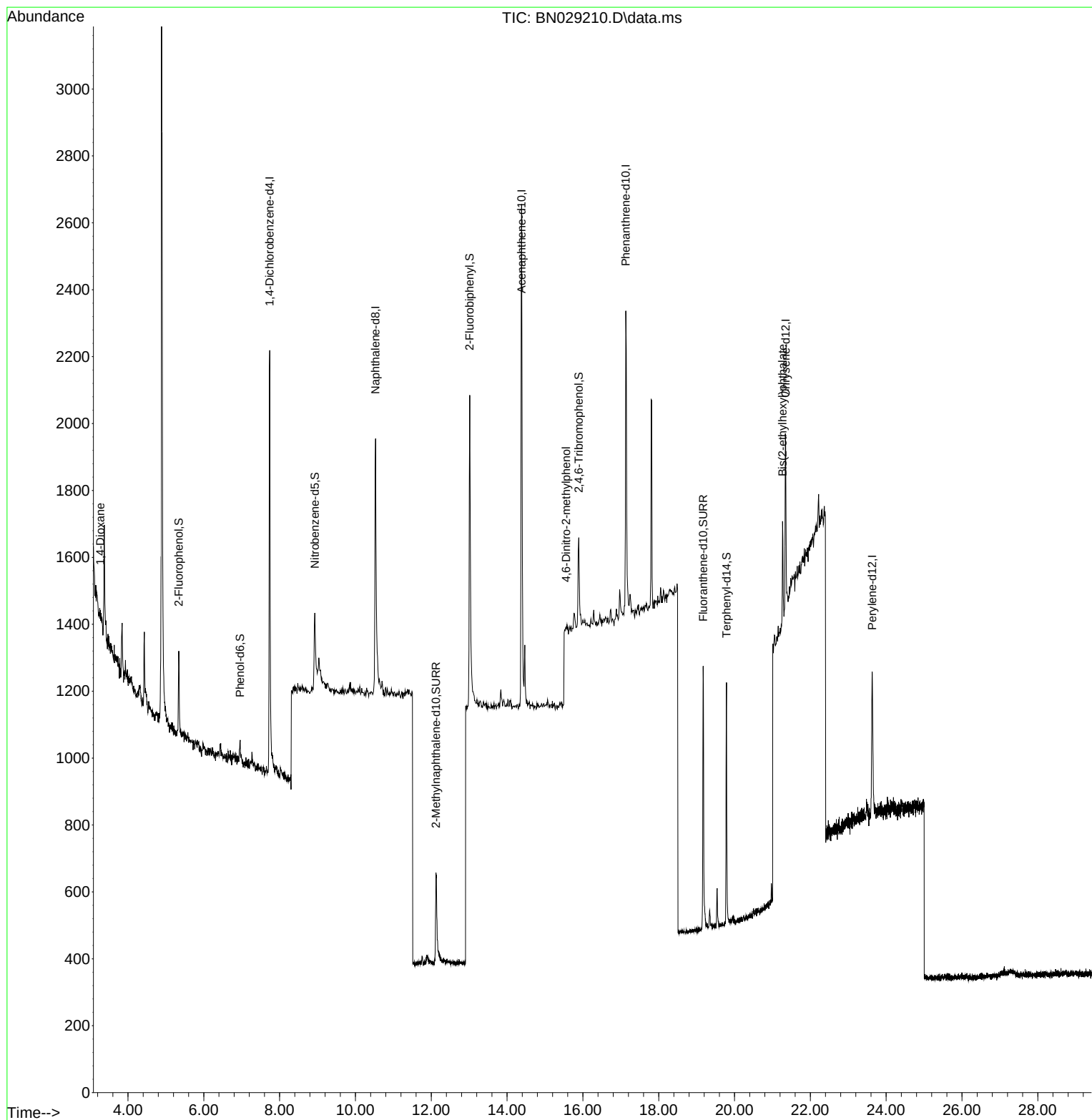
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	766	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	1549	0.400	ng	0.01
13) Acenaphthene-d10	14.383	164	1050	0.400	ng	0.01
19) Phenanthrene-d10	17.131	188	1702	0.400	ng	# 0.00
29) Chrysene-d12	21.349	240	589	0.400	ng	0.00
35) Perylene-d12	23.634	264	655	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	224	0.126	ng	0.00
5) Phenol-d6	6.952	99	89	0.044	ng	0.01
8) Nitrobenzene-d5	8.929	82	449	0.231	ng	0.02
11) 2-Methylnaphthalene-d10	12.125	152	595	0.222	ng	0.00
14) 2,4,6-Tribromophenol	15.890	330	236	0.291	ng	0.01
15) 2-Fluorobiphenyl	13.014	172	1175	0.209	ng	0.01
27) Fluoranthene-d10	19.173	212	993	0.286	ng	0.00
31) Terphenyl-d14	19.787	244	649	0.355	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.268	88	25	0.036	ng	# 48
20) 4,6-Dinitro-2-methylph...	15.555	198	1	0.104	ng	# 32
34) Bis(2-ethylhexyl)phtha...	21.268	149	448	0.091	ng	93

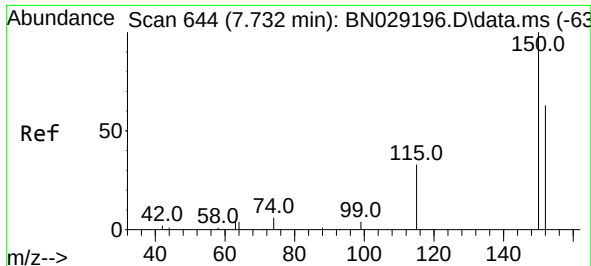
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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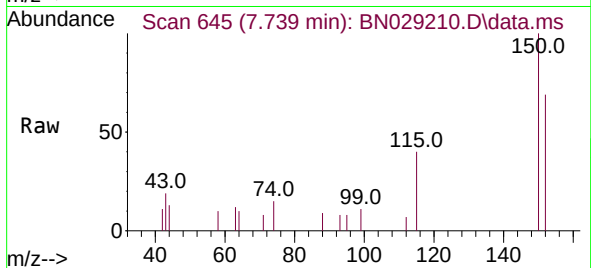
Quant Time: Dec 28 13:05:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 28 01:20:47 2023
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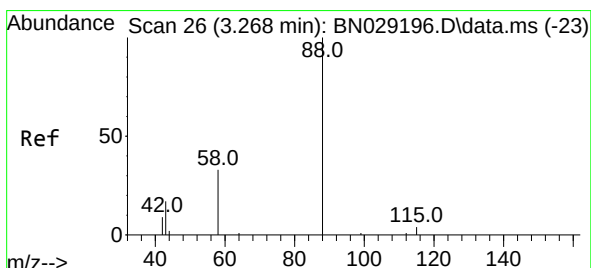
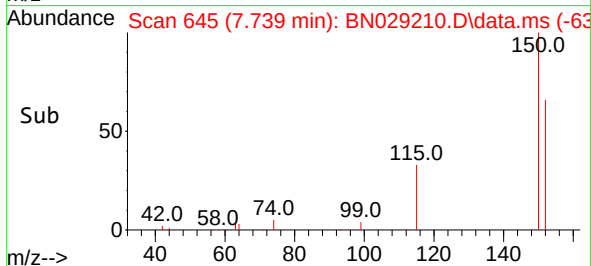
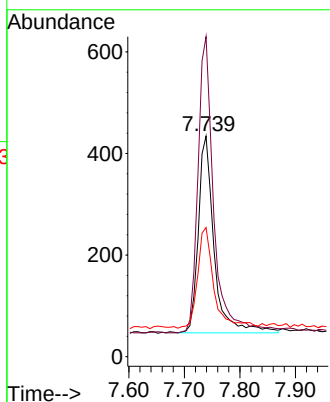
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.739 min Scan# 644
 Delta R.T. 0.007 min
 Lab File: BN029210.D
 Acq: 28 Dec 2023 12:37

Instrument :
 BNA_N
 ClientSampleId :
 COMA4



Tgt Ion:152 Resp: 766

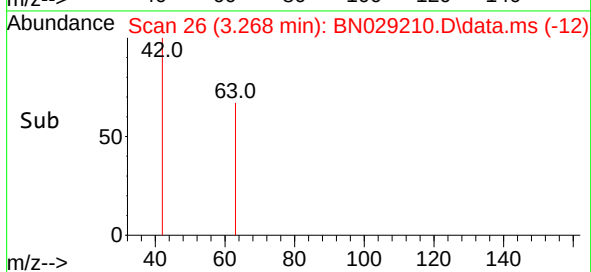
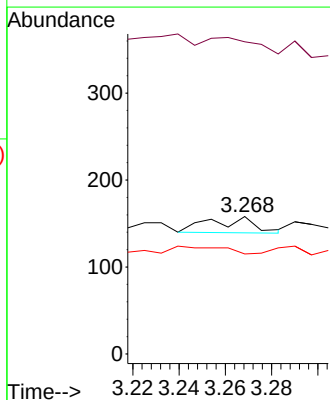
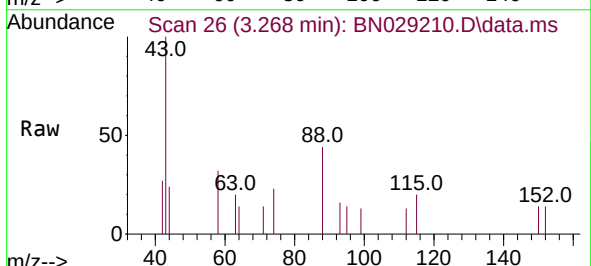
Ion	Ratio	Lower	Upper
152	100		
150	145.2	122.2	183.2
115	58.5	48.2	72.4

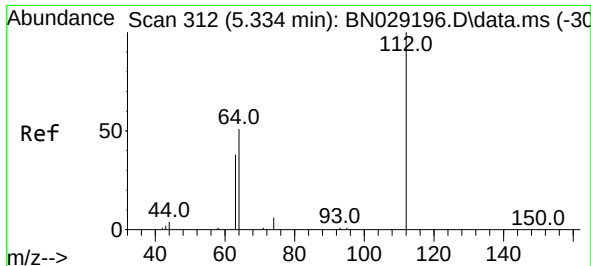


#2
 1,4-Dioxane
 Concen: 0.036 ng
 RT: 3.268 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: BN029210.D
 Acq: 28 Dec 2023 12:37

Tgt Ion: 88 Resp: 25

Ion	Ratio	Lower	Upper
88	100		
43	0.0	19.0	28.4#
58	0.0	23.1	34.7#

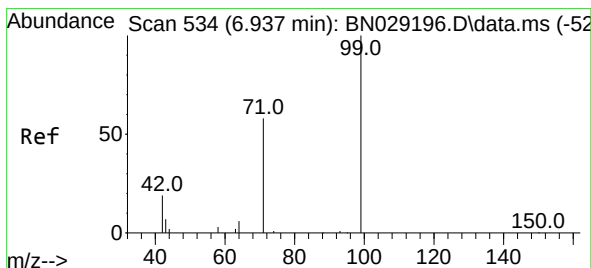
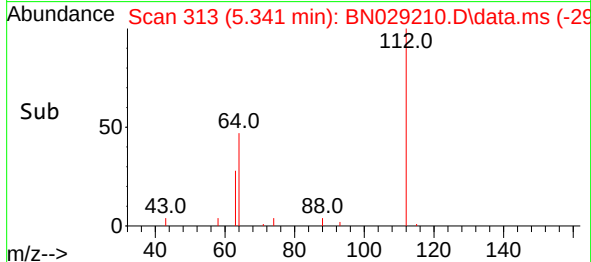
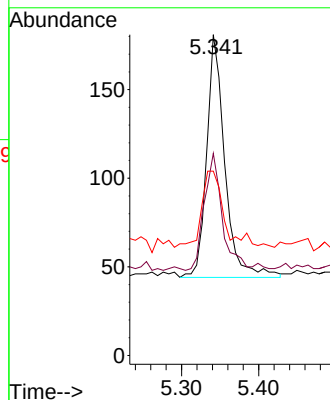
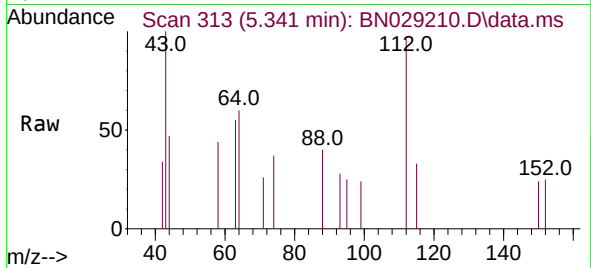




#4
2-Fluorophenol
Concen: 0.126 ng
RT: 5.341 min Scan# 312
Delta R.T. 0.007 min
Lab File: BN029210.D
Acq: 28 Dec 2023 12:37

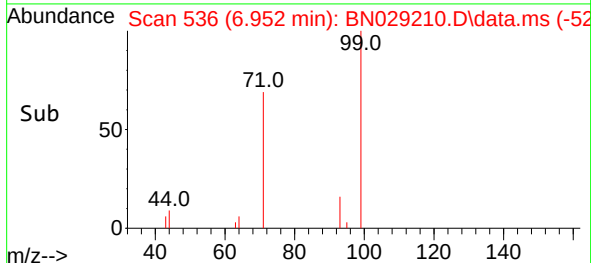
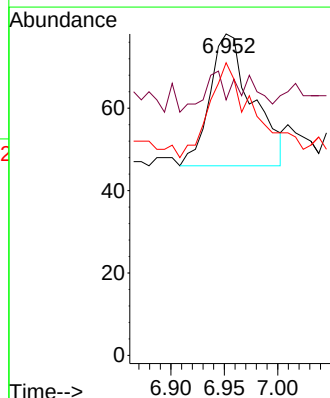
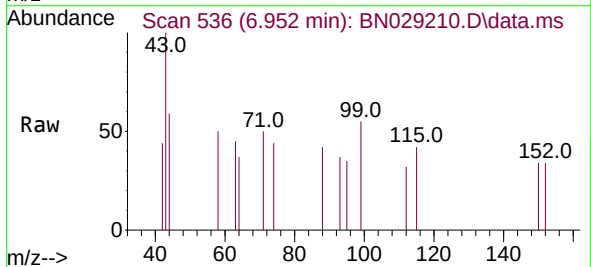
Instrument :
BNA_N
ClientSampleId :
COMA4

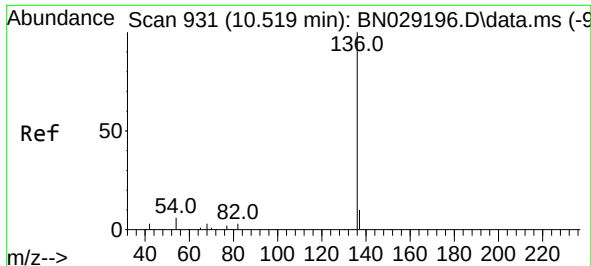
Tgt Ion:112 Resp: 224
Ion Ratio Lower Upper
112 100
64 48.2 38.8 58.2
63 40.6 30.6 45.8



#5
Phenol-d6
Concen: 0.044 ng
RT: 6.952 min Scan# 536
Delta R.T. 0.015 min
Lab File: BN029210.D
Acq: 28 Dec 2023 12:37

Tgt Ion: 99 Resp: 89
Ion Ratio Lower Upper
99 100
42 7.9 18.3 27.5#
71 76.4 48.6 73.0#

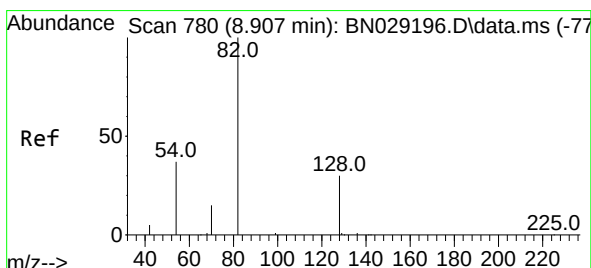
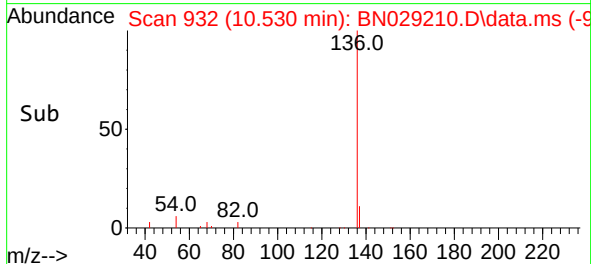
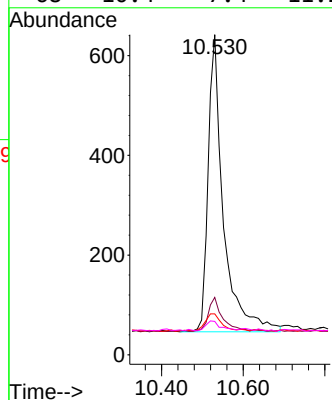
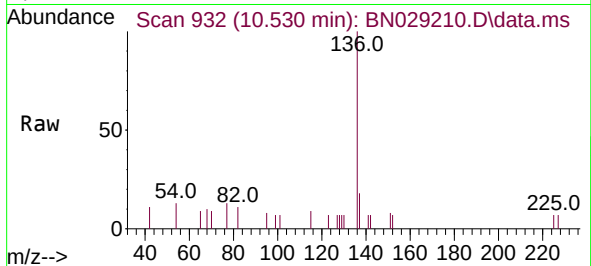




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN029210.D
Acq: 28 Dec 2023 12:37

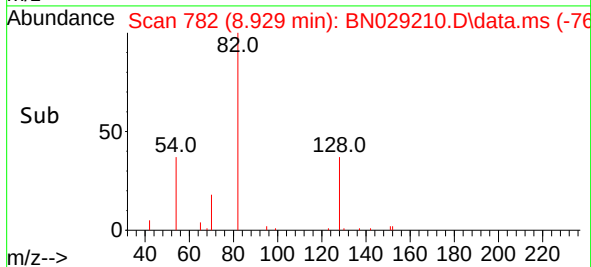
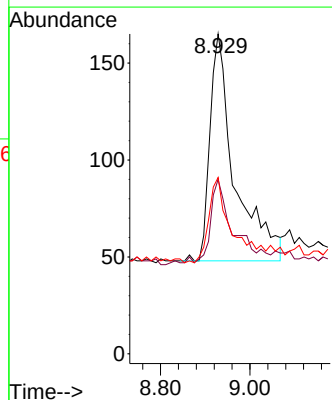
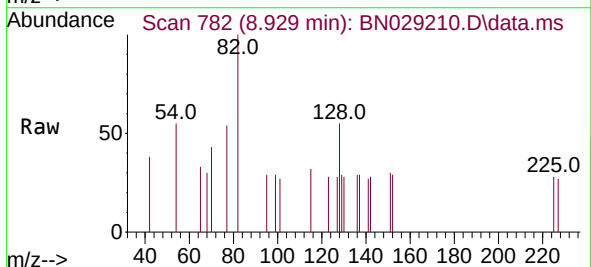
Instrument :
BNA_N
ClientSampleId :
COMA4

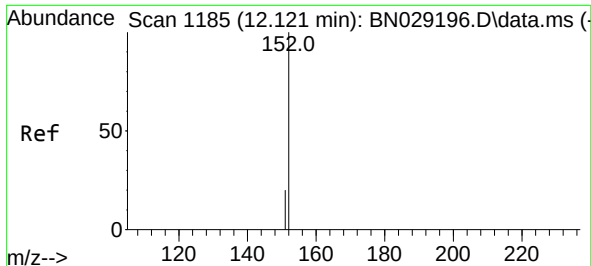
Tgt Ion:136	Resp:	1549
Ion	Ratio	Lower Upper
136	100	
137	17.9	13.0 19.4
54	12.8	9.8 14.6
68	10.4	7.4 11.2



#8
Nitrobenzene-d5
Concen: 0.231 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.022 min
Lab File: BN029210.D
Acq: 28 Dec 2023 12:37

Tgt Ion: 82	Resp:	449
Ion	Ratio	Lower Upper
82	100	
128	54.5	34.2 51.2#
54	55.2	38.8 58.2





#11

2-Methylnaphthalene-d10

Concen: 0.222 ng

RT: 12.125 min Scan# 1186

Delta R.T. 0.004 min

Lab File: BN029210.D

Acq: 28 Dec 2023 12:37

Instrument :

BNA_N

ClientSampleId :

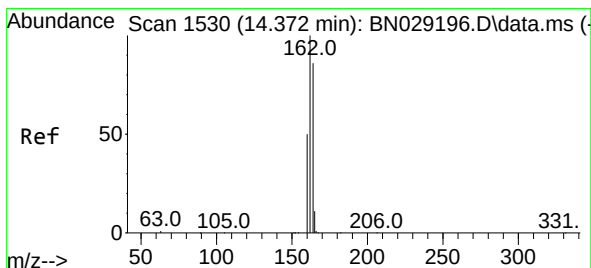
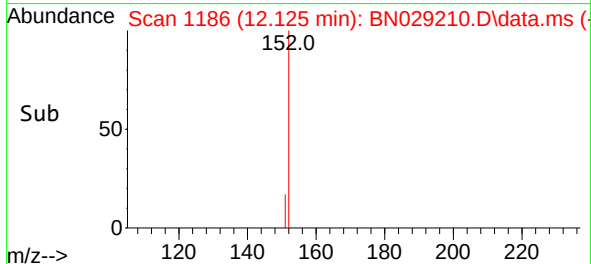
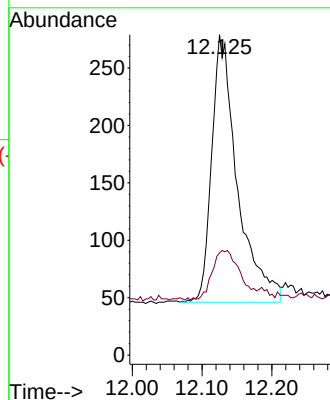
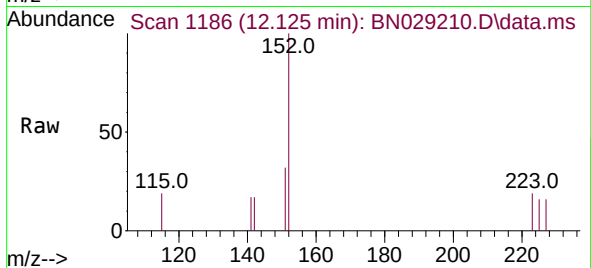
COMA4

Tgt Ion:152 Resp: 595

Ion Ratio Lower Upper

152 100

151 20.0 16.6 24.8



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.383 min Scan# 1531

Delta R.T. 0.011 min

Lab File: BN029210.D

Acq: 28 Dec 2023 12:37

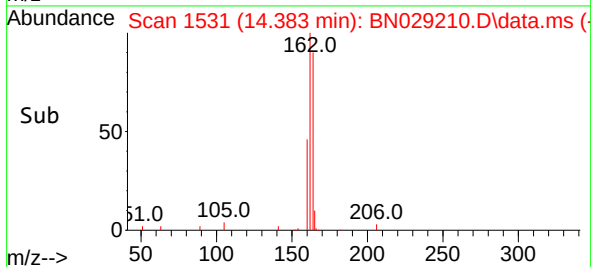
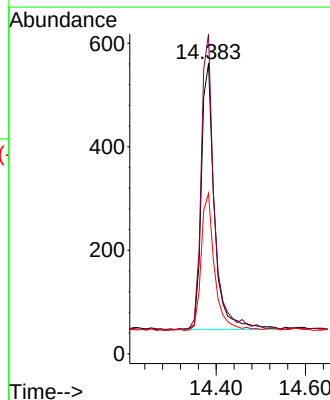
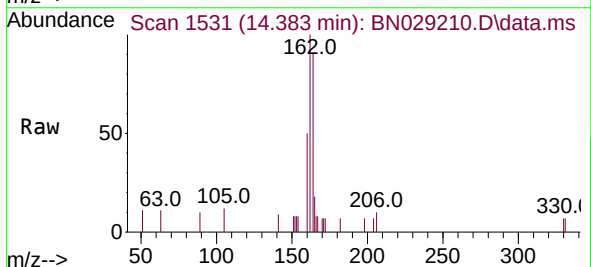
Tgt Ion:164 Resp: 1050

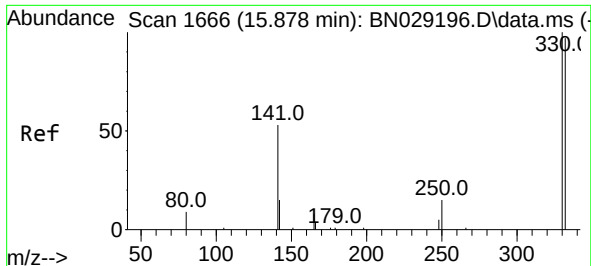
Ion Ratio Lower Upper

164 100

162 110.2 91.8 137.8

160 55.3 49.4 74.2

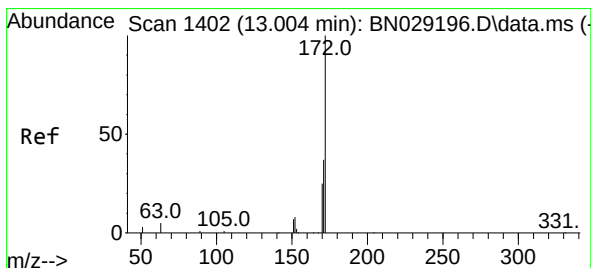
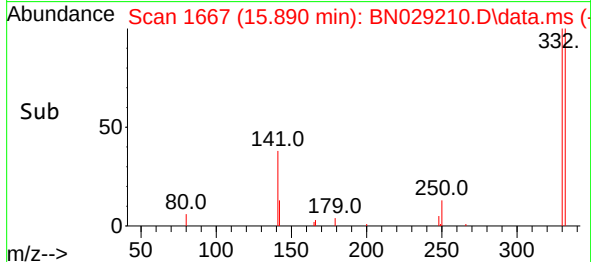
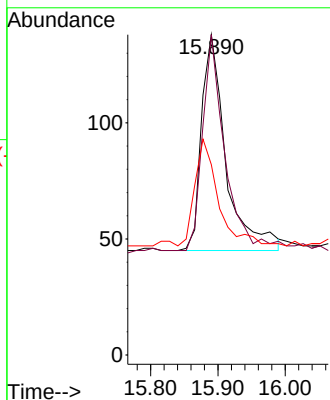
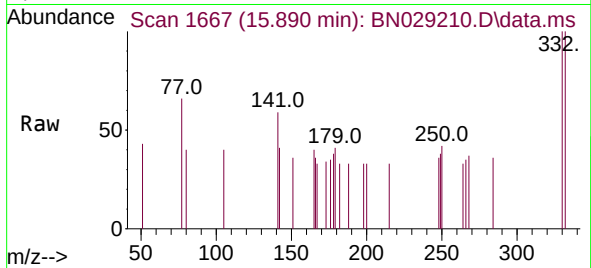




#14
2,4,6-Tribromophenol
Concen: 0.291 ng
RT: 15.890 min Scan# 1667
Delta R.T. 0.013 min
Lab File: BN029210.D
Acq: 28 Dec 2023 12:37

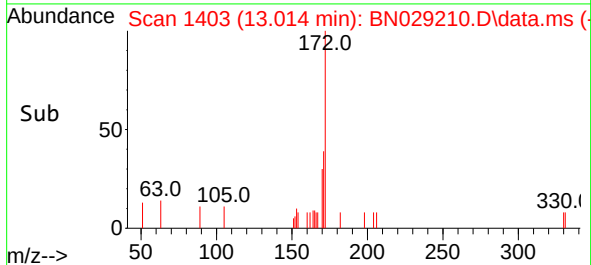
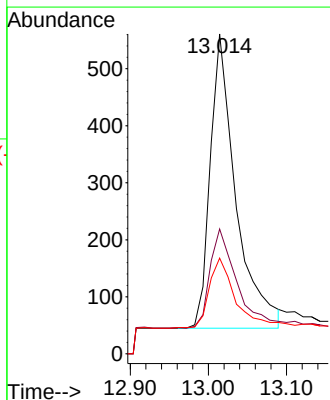
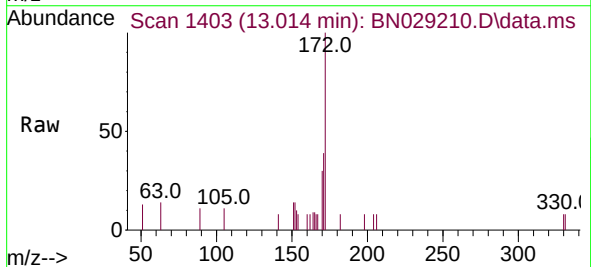
Instrument :
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ClientSampleId :
COMA4

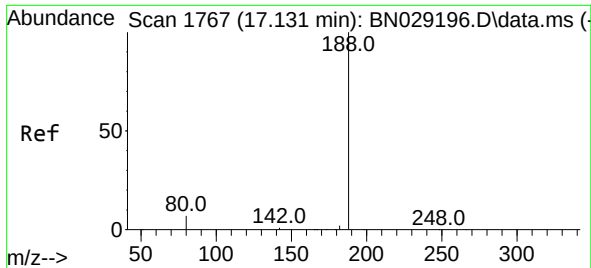
Tgt Ion:330 Resp: 236
Ion Ratio Lower Upper
330 100
332 89.8 74.4 111.6
141 47.0 46.7 70.1



#15
2-Fluorobiphenyl
Concen: 0.209 ng
RT: 13.014 min Scan# 1403
Delta R.T. 0.011 min
Lab File: BN029210.D
Acq: 28 Dec 2023 12:37

Tgt Ion:172 Resp: 1175
Ion Ratio Lower Upper
172 100
171 39.0 32.8 49.2
170 29.9 24.0 36.0

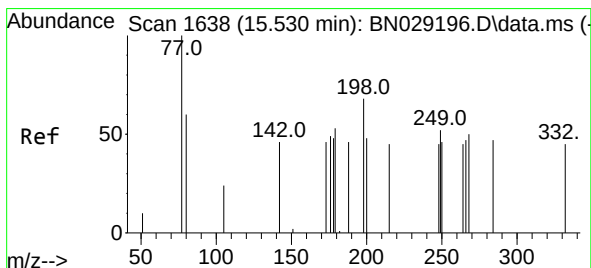
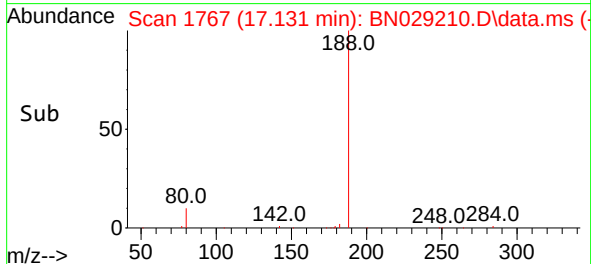
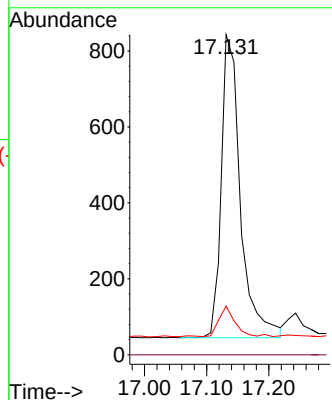
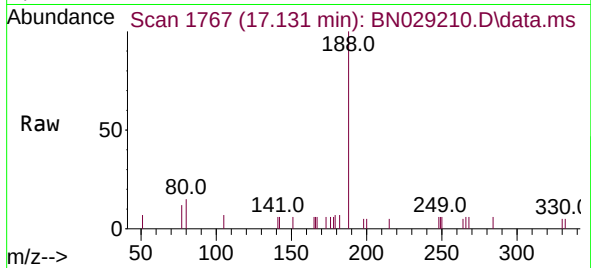




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.131 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029210.D
Acq: 28 Dec 2023 12:37

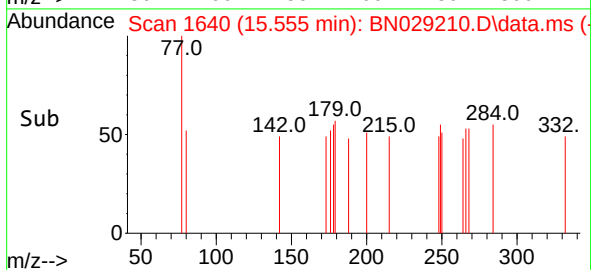
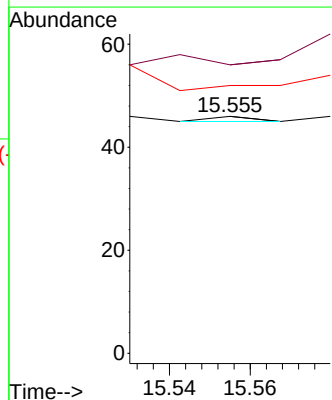
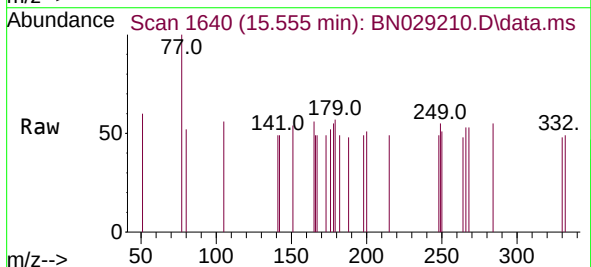
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BNA_N
ClientSampleId :
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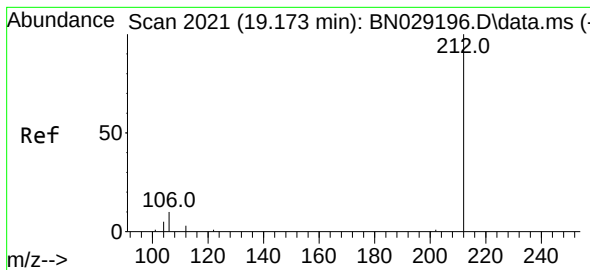
Tgt Ion:188 Resp: 1702
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.2 8.8 13.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.104 ng
RT: 15.555 min Scan# 1640
Delta R.T. 0.025 min
Lab File: BN029210.D
Acq: 28 Dec 2023 12:37

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 121.7 47.4 71.2#
105 113.0 54.5 81.7#

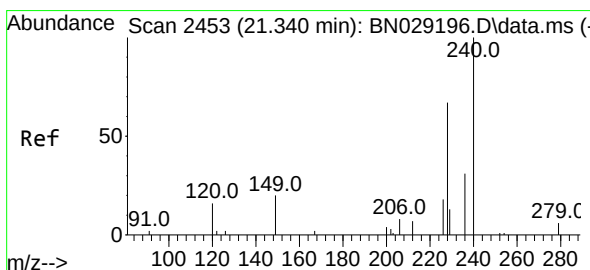
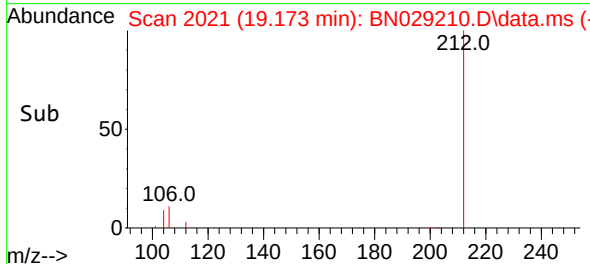
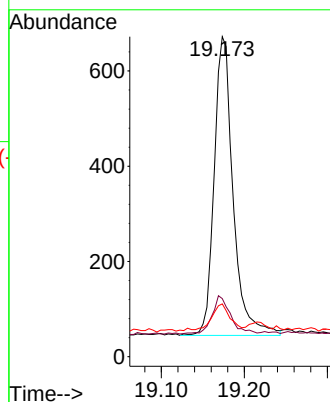
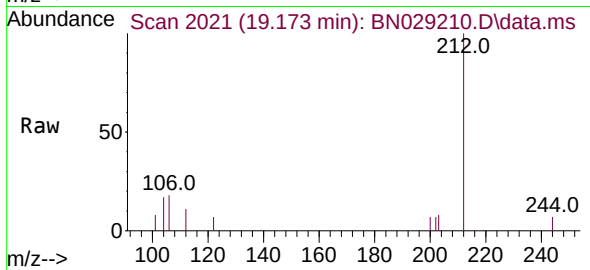




#27
Fluoranthene-d10
Concen: 0.286 ng
RT: 19.173 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BN029210.D
Acq: 28 Dec 2023 12:37

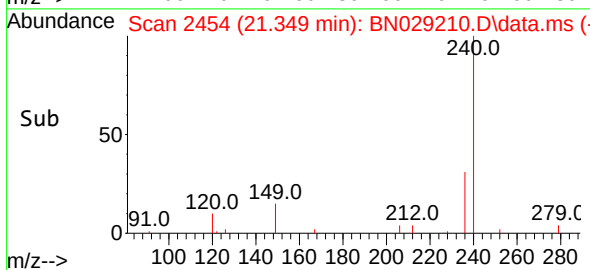
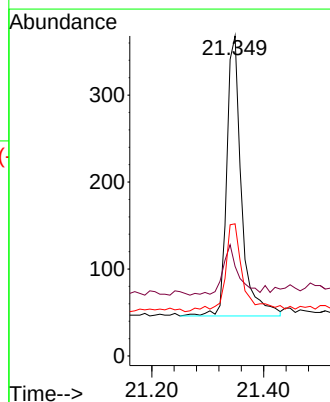
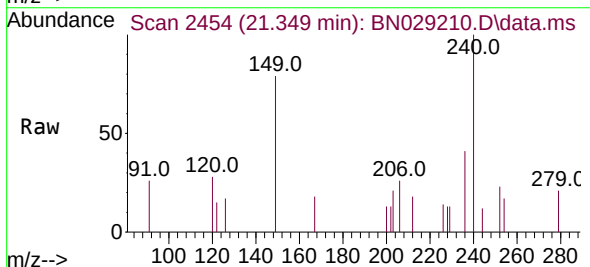
Instrument :
BNA_N
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COMA4

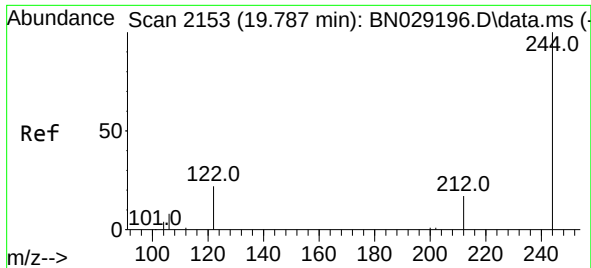
Tgt Ion:212 Resp: 993
Ion Ratio Lower Upper
212 100
106 12.4 9.7 14.5
104 8.4 6.3 9.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.349 min Scan# 2454
Delta R.T. 0.009 min
Lab File: BN029210.D
Acq: 28 Dec 2023 12:37

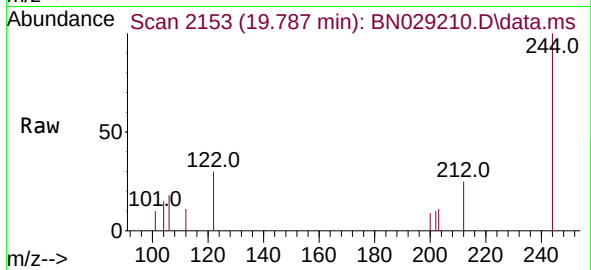
Tgt Ion:240 Resp: 589
Ion Ratio Lower Upper
240 100
120 28.0 24.6 36.8
236 41.3 32.0 48.0



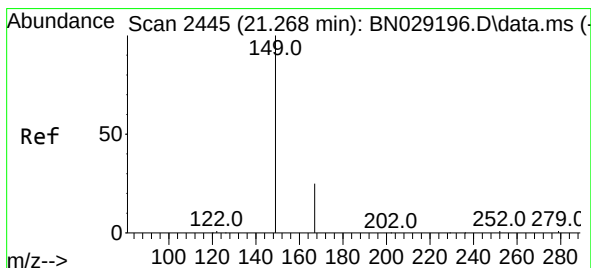
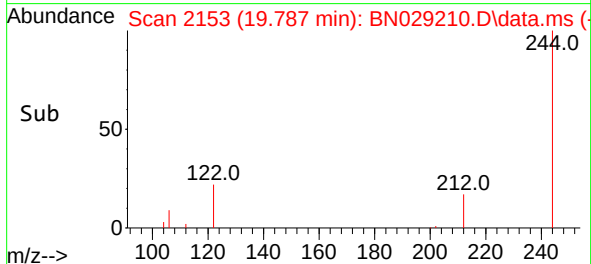
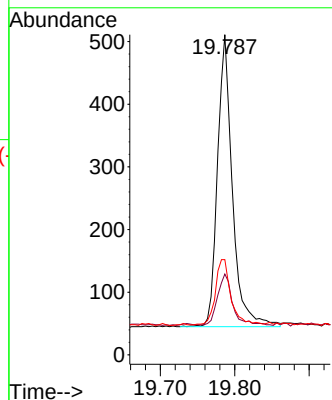


#31
 Terphenyl-d14
 Concen: 0.355 ng
 RT: 19.787 min Scan# 2153
 Delta R.T. 0.000 min
 Lab File: BN029210.D
 Acq: 28 Dec 2023 12:37

Instrument :
 BNA_N
 ClientSampleId :
 COMA4

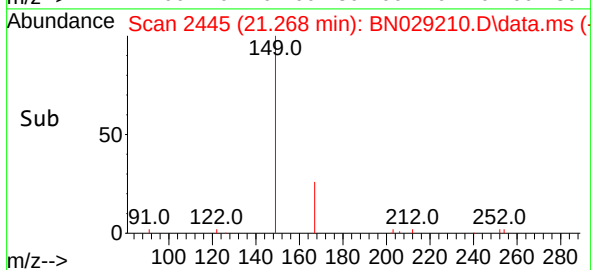
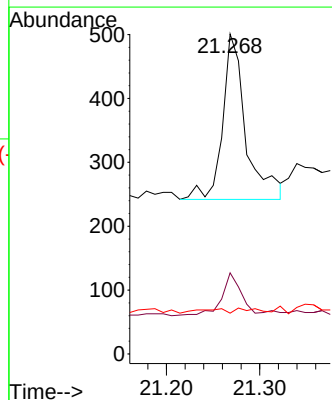
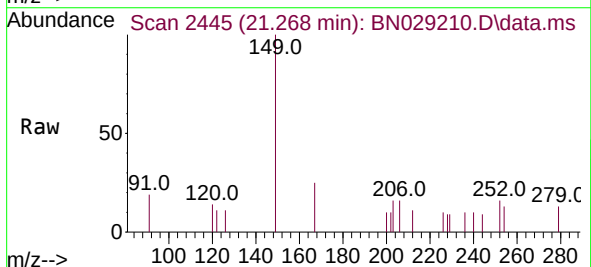


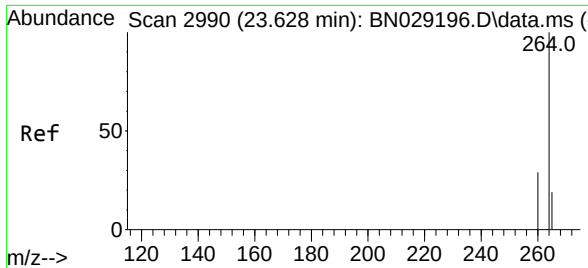
Tgt Ion:244 Resp: 649
 Ion Ratio Lower Upper
 244 100
 212 25.2 20.1 30.1
 122 29.7 23.9 35.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.091 ng
 RT: 21.268 min Scan# 2445
 Delta R.T. 0.000 min
 Lab File: BN029210.D
 Acq: 28 Dec 2023 12:37

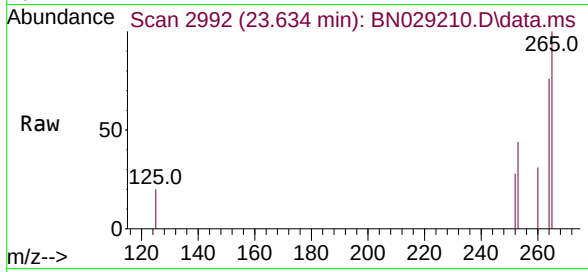
Tgt Ion:149 Resp: 448
 Ion Ratio Lower Upper
 149 100
 167 22.1 20.7 31.1
 279 2.9 2.4 3.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.634 min Scan# 2992
Delta R.T. 0.006 min
Lab File: BN029210.D
Acq: 28 Dec 2023 12:37

Instrument :
BNA_N
ClientSampleId :
C0MA4



Tgt Ion:	264	Resp:	655
Ion	Ratio	Lower	Upper
264	100		
260	40.7	30.2	45.4
265	131.9	88.1	132.1

