

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122823\
 Data File : BN029214.D
 Acq On : 28 Dec 2023 15:01
 Operator : MA/JU
 Sample : 05967-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COLS7

Quant Time: Dec 28 16:23:52 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)

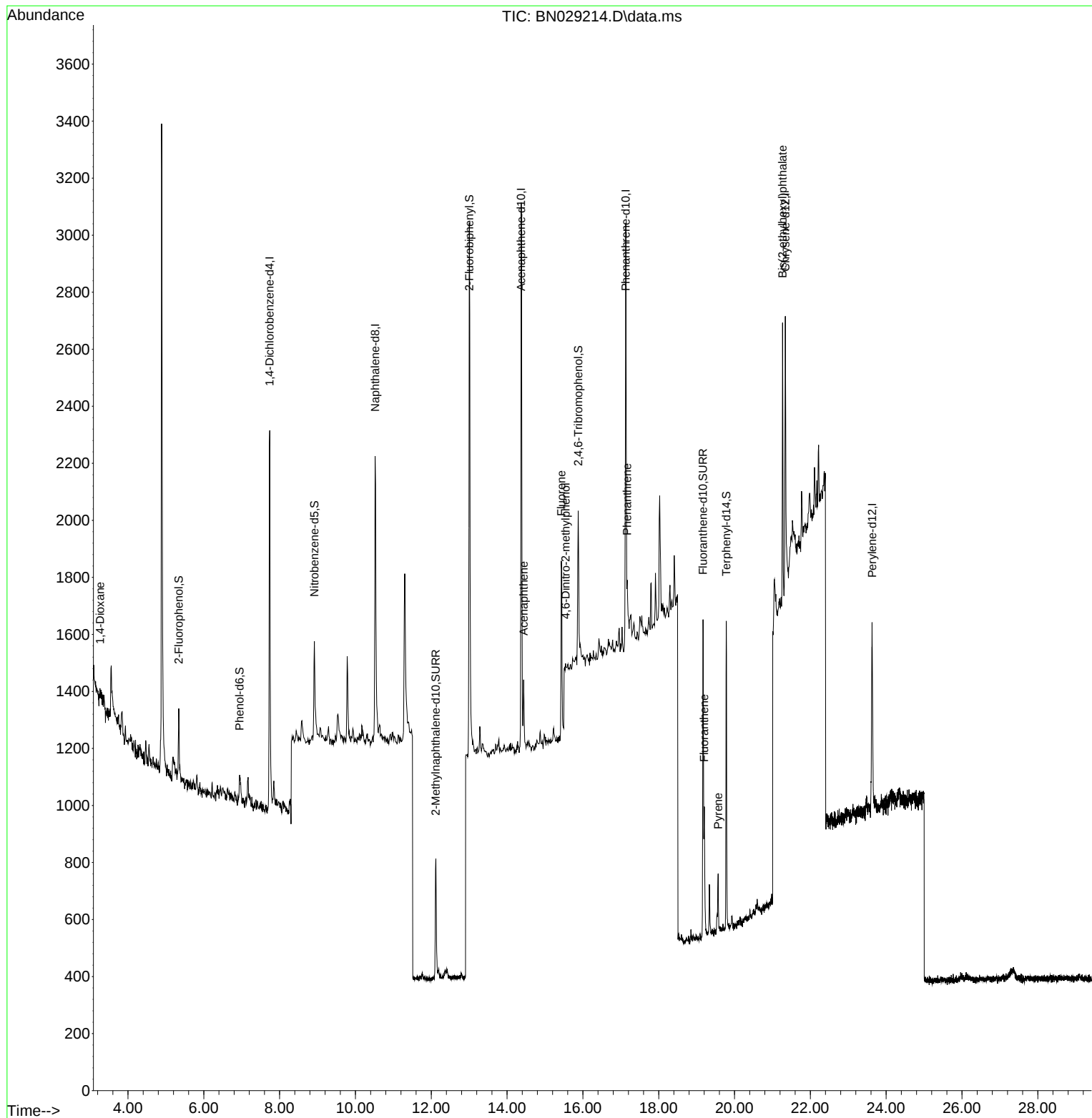
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	793	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	1740	0.400	ng	0.00
13) Acenaphthene-d10	14.372	164	1188	0.400	ng	0.00
19) Phenanthrene-d10	17.131	188	2079	0.400	ng	0.00
29) Chrysene-d12	21.340	240	788	0.400	ng	0.00
35) Perylene-d12	23.628	264	811	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	201	0.109	ng	0.00
5) Phenol-d6	6.944	99	114	0.055	ng	0.00
8) Nitrobenzene-d5	8.918	82	475	0.218	ng	0.01
11) 2-Methylnaphthalene-d10	12.117	152	722	0.240	ng	0.00
14) 2,4,6-Tribromophenol	15.878	330	298	0.325	ng	0.00
15) 2-Fluorobiphenyl	13.004	172	1963	0.308	ng	0.00
27) Fluoranthene-d10	19.169	212	1296	0.306	ng	0.00
31) Terphenyl-d14	19.782	244	916	0.375	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.261	88	18	0.025	ng	# 1
17) Acenaphthene	14.436	154	116	0.024	ng	98
18) Fluorene	15.430	166	383	0.055	ng	# 96
20) 4,6-Dinitro-2-methylph...	15.542	198	5	0.108	ng	# 11
25) Phenanthrene	17.168	178	186	0.020	ng	# 92
28) Fluoranthene	19.201	202	341	0.041	ng	# 75
30) Pyrene	19.568	202	205	0.026	ng	97
34) Bis(2-ethylhexyl)phtha...	21.268	149	871	0.132	ng	# 96

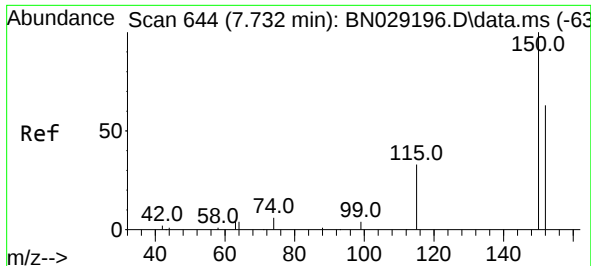
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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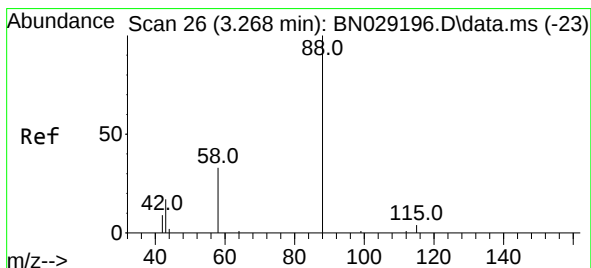
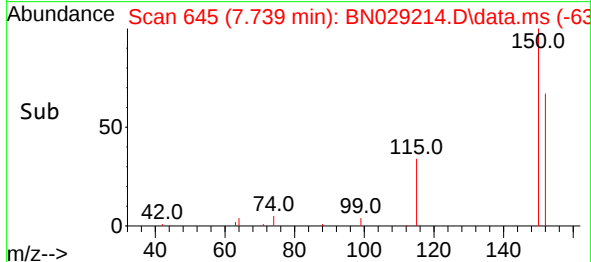
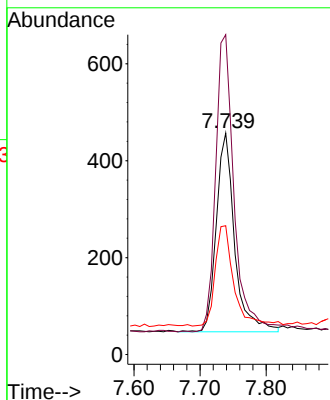
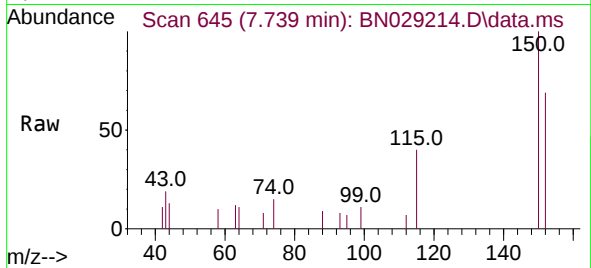




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.739 min Scan# 64
 Delta R.T. 0.007 min
 Lab File: BN029214.D
 Acq: 28 Dec 2023 15:01

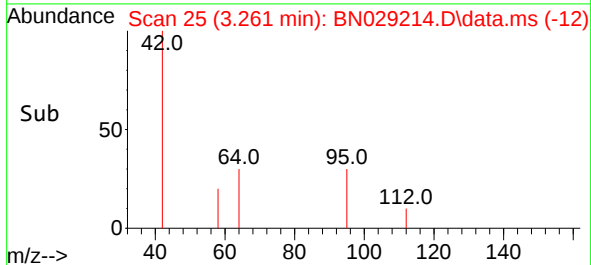
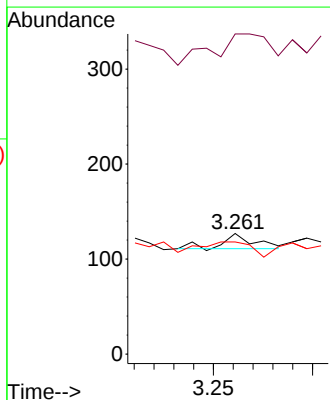
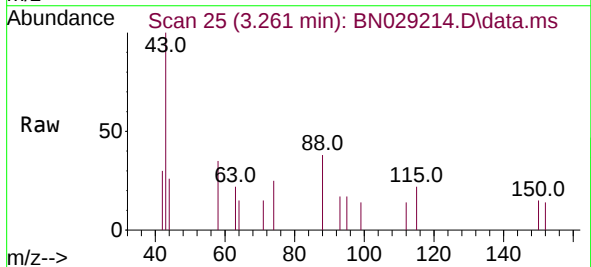
Instrument :
 BNA_N
 ClientSampleId :
 COLS7

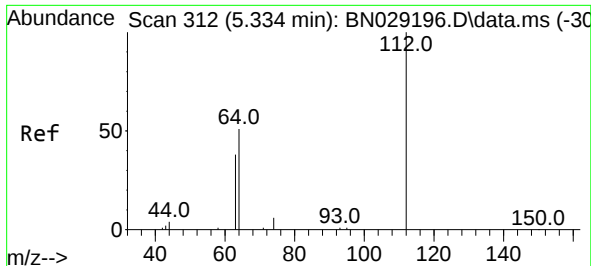
Tgt Ion:152 Resp: 793
 Ion Ratio Lower Upper
 152 100
 150 144.4 122.2 183.2
 115 58.2 48.2 72.4



#2
 1,4-Dioxane
 Concen: 0.025 ng
 RT: 3.261 min Scan# 25
 Delta R.T. -0.007 min
 Lab File: BN029214.D
 Acq: 28 Dec 2023 15:01

Tgt Ion: 88 Resp: 18
 Ion Ratio Lower Upper
 88 100
 43 361.1 19.0 28.4#
 58 161.1 23.1 34.7#

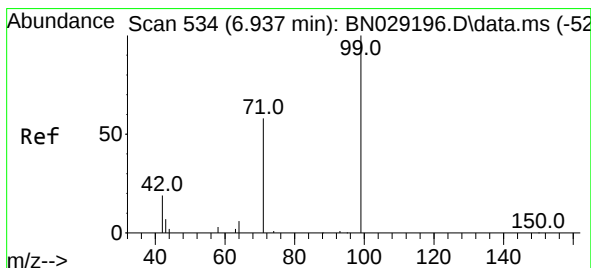
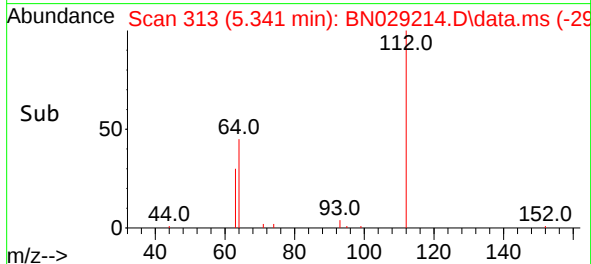
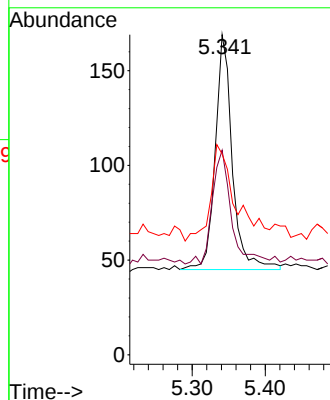
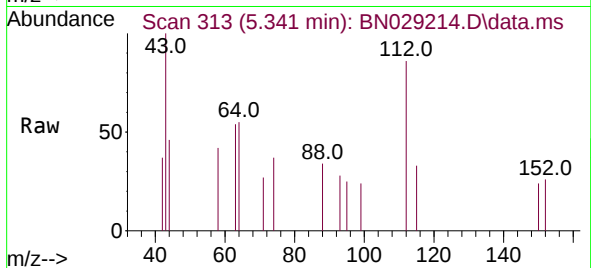




#4
2-Fluorophenol
Concen: 0.109 ng
RT: 5.341 min Scan# 312
Delta R.T. 0.007 min
Lab File: BN029214.D
Acq: 28 Dec 2023 15:01

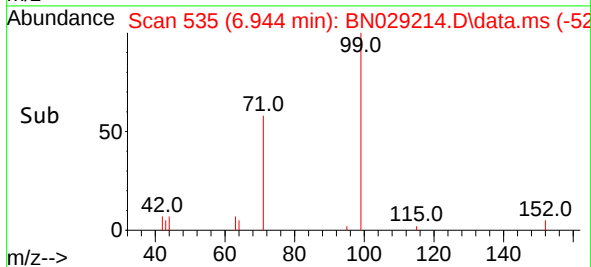
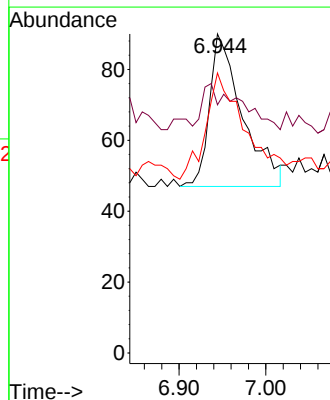
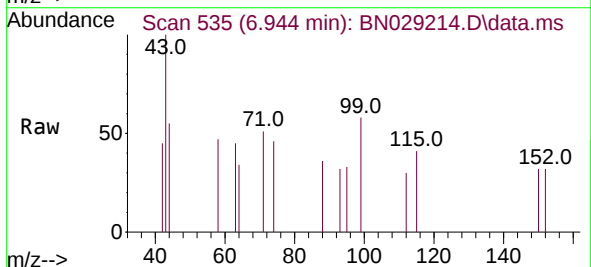
Instrument :
BNA_N
ClientSampleId :
COLS7

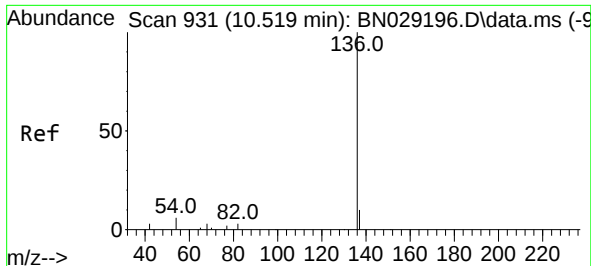
Tgt Ion:112 Resp: 201
Ion Ratio Lower Upper
112 100
64 54.7 38.8 58.2
63 60.7 30.6 45.8#



#5
Phenol-d6
Concen: 0.055 ng
RT: 6.944 min Scan# 535
Delta R.T. 0.007 min
Lab File: BN029214.D
Acq: 28 Dec 2023 15:01

Tgt Ion: 99 Resp: 114
Ion Ratio Lower Upper
99 100
42 36.8 18.3 27.5#
71 82.5 48.6 73.0#

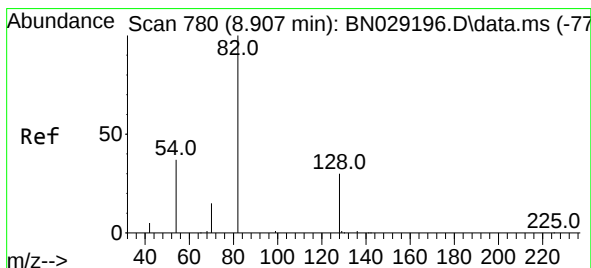
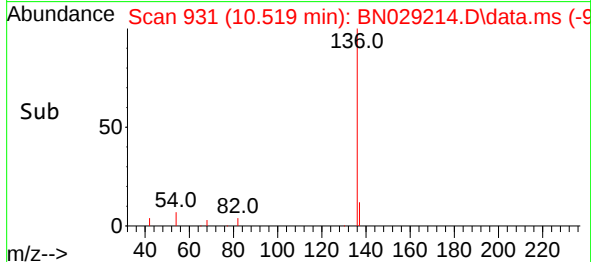
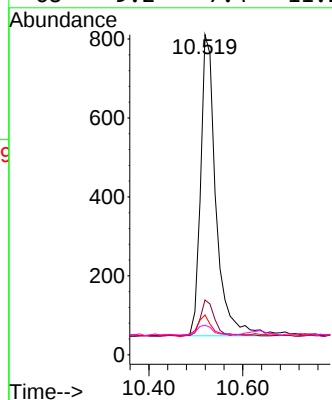
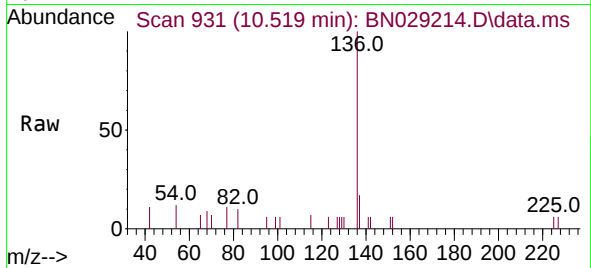




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN029214.D
Acq: 28 Dec 2023 15:01

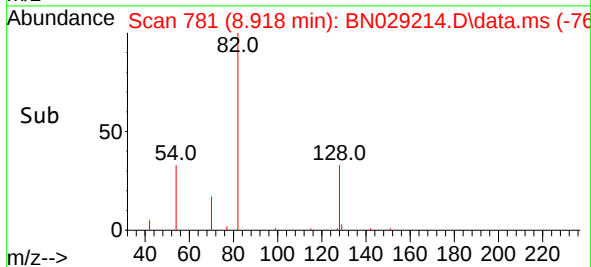
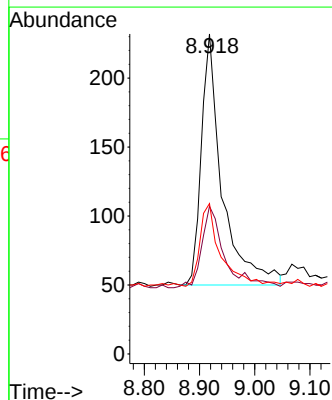
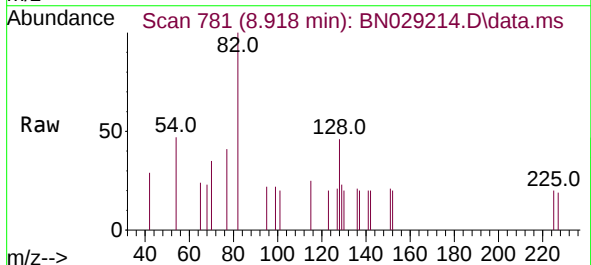
Instrument :
BNA_N
ClientSampleId :
COLS7

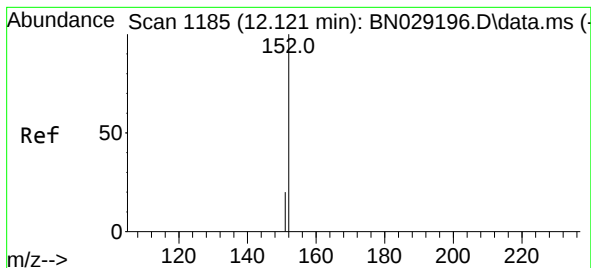
Tgt Ion:	136	Resp:	1740
Ion	Ratio	Lower	Upper
136	100		
137	17.1	13.0	19.4
54	12.5	9.8	14.6
68	9.2	7.4	11.2



#8
Nitrobenzene-d5
Concen: 0.218 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.011 min
Lab File: BN029214.D
Acq: 28 Dec 2023 15:01

Tgt Ion:	82	Resp:	475
Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.2	51.2
54	47.0	38.8	58.2

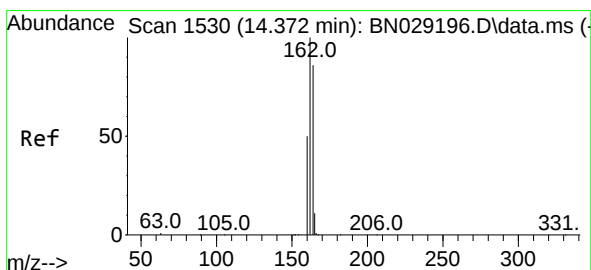
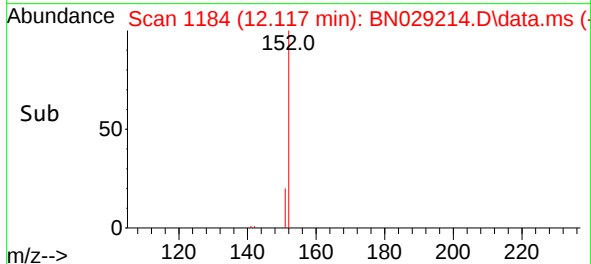
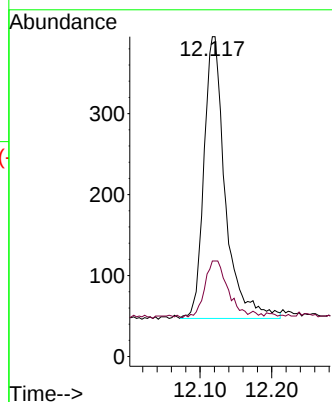
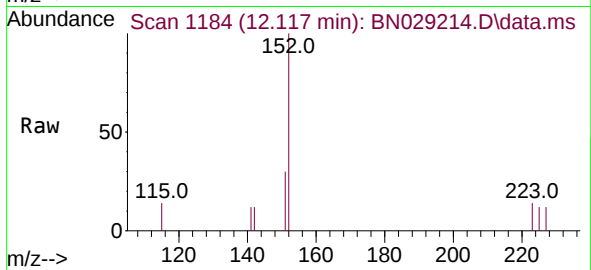




#11
2-Methylnaphthalene-d10
Concen: 0.240 ng
RT: 12.117 min Scan# 1184
Delta R.T. -0.004 min
Lab File: BN029214.D
Acq: 28 Dec 2023 15:01

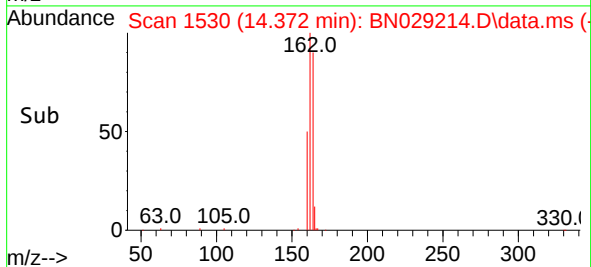
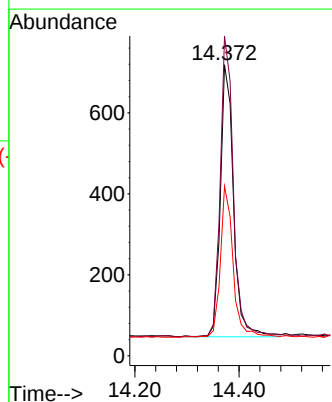
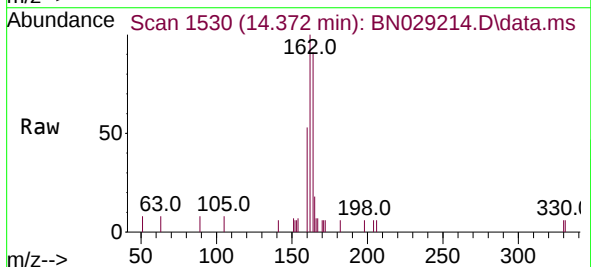
Instrument :
BNA_N
ClientSampleId :
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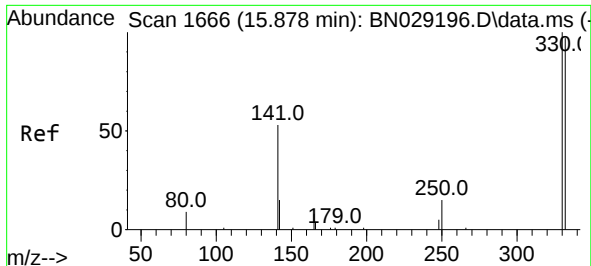
Tgt Ion:152 Resp: 722
Ion Ratio Lower Upper
152 100
151 21.7 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.372 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BN029214.D
Acq: 28 Dec 2023 15:01

Tgt Ion:164 Resp: 1188
Ion Ratio Lower Upper
164 100
162 109.9 91.8 137.8
160 58.3 49.4 74.2

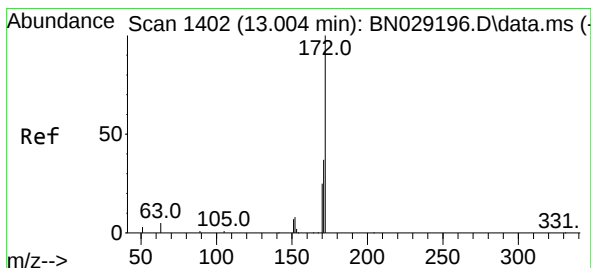
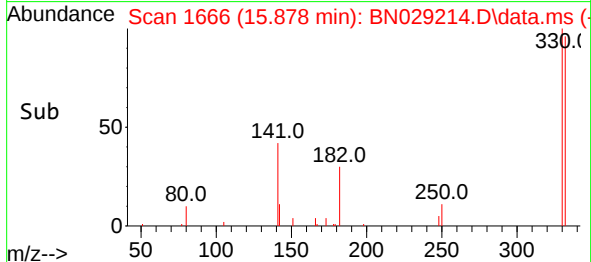
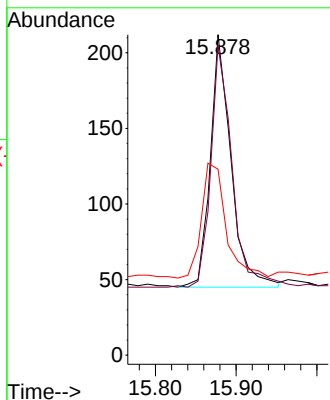
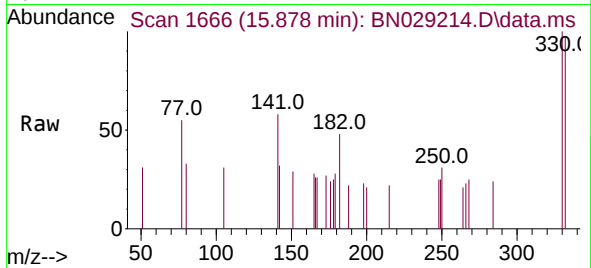




#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 15.878 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BN029214.D
Acq: 28 Dec 2023 15:01

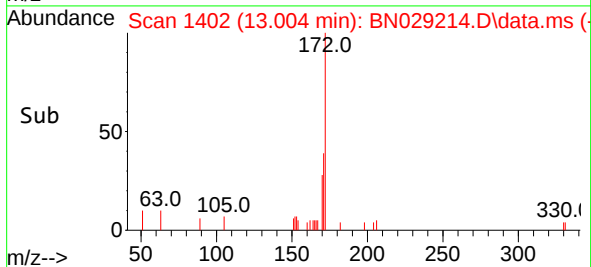
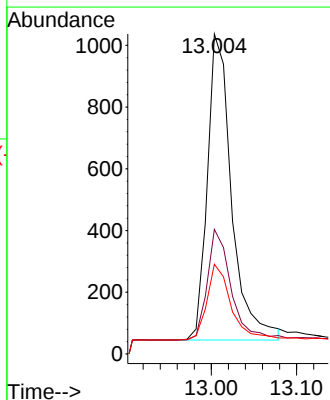
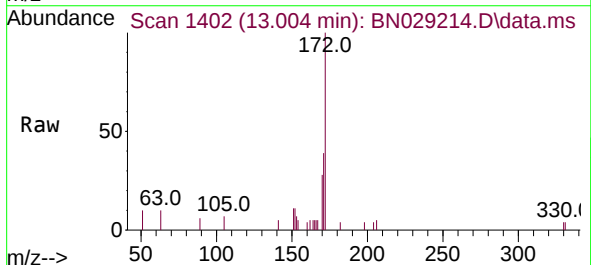
Instrument :
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ClientSampleId :
COLS7

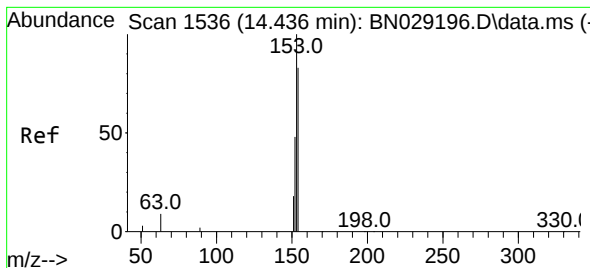
Tgt Ion:330 Resp: 298
Ion Ratio Lower Upper
330 100
332 98.3 74.4 111.6
141 54.0 46.7 70.1



#15
2-Fluorobiphenyl
Concen: 0.308 ng
RT: 13.004 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BN029214.D
Acq: 28 Dec 2023 15:01

Tgt Ion:172 Resp: 1963
Ion Ratio Lower Upper
172 100
171 39.0 32.8 49.2
170 28.1 24.0 36.0





#17

Acenaphthene

Concen: 0.024 ng

RT: 14.436 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BN029214.D

Acq: 28 Dec 2023 15:01

Instrument :

BNA_N

ClientSampleId :

C0LS7

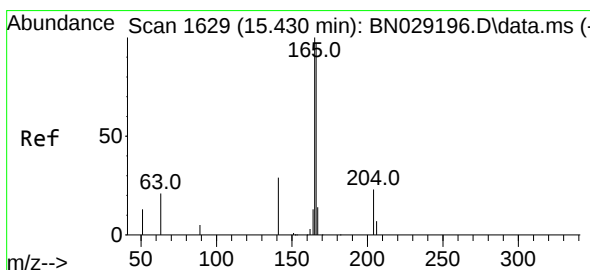
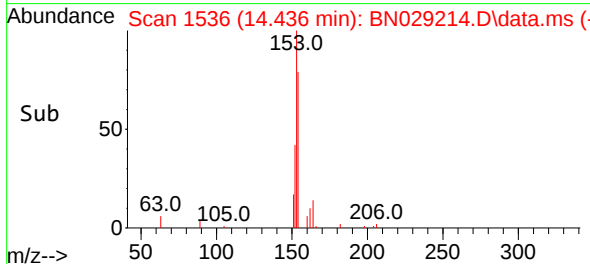
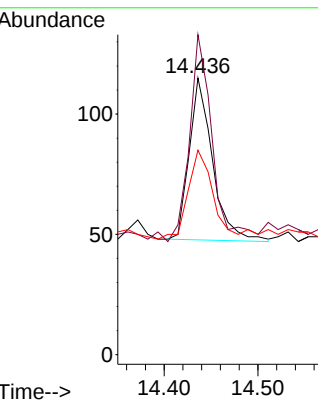
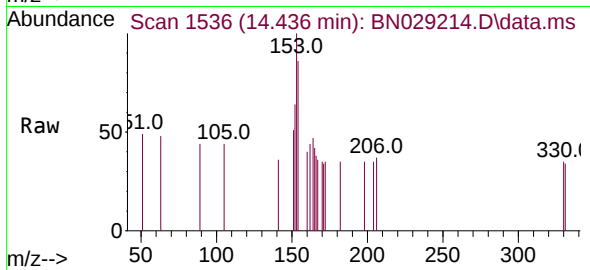
Tgt Ion:154 Resp: 116

Ion Ratio Lower Upper

154 100

153 120.7 94.6 141.8

152 57.8 46.4 69.6



#18

Fluorene

Concen: 0.055 ng

RT: 15.430 min Scan# 1629

Delta R.T. -0.000 min

Lab File: BN029214.D

Acq: 28 Dec 2023 15:01

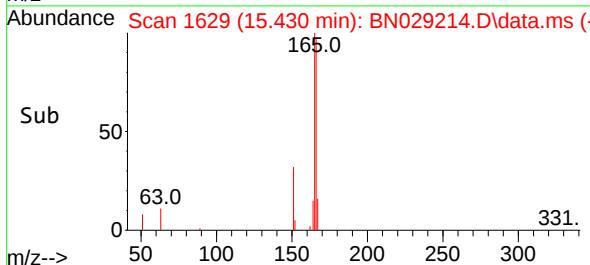
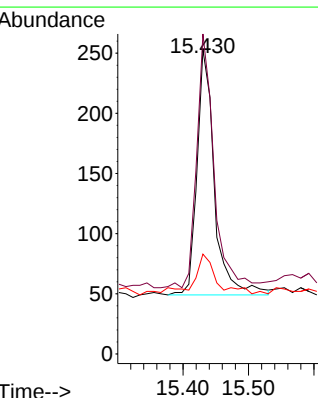
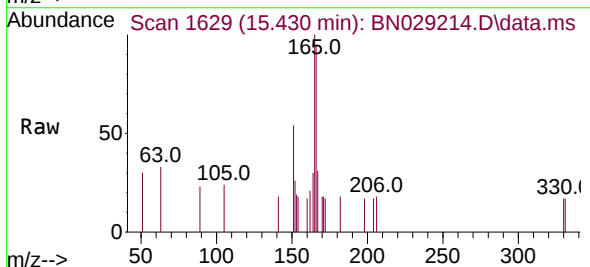
Tgt Ion:166 Resp: 383

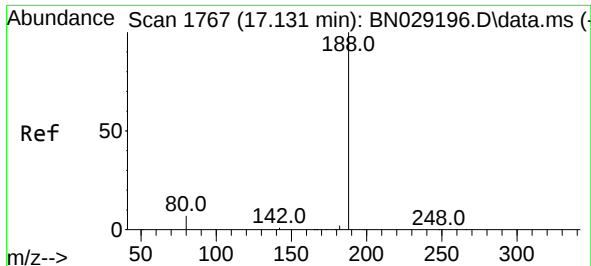
Ion Ratio Lower Upper

166 100

165 102.1 82.8 124.2

167 23.8 11.4 17.2#

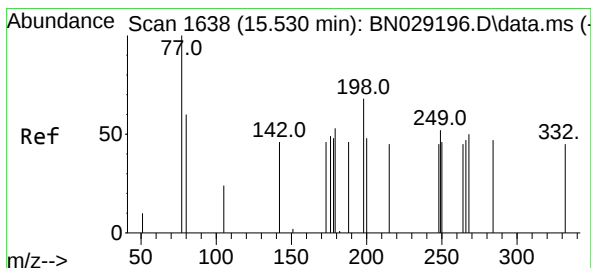
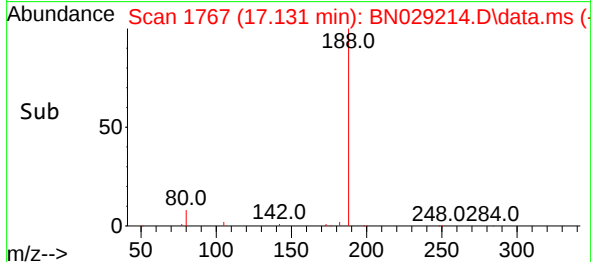
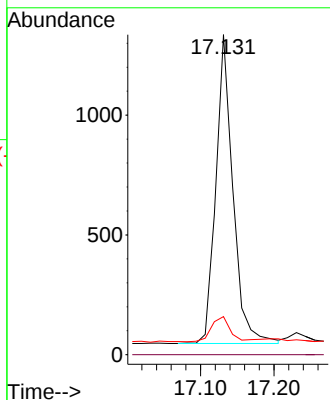
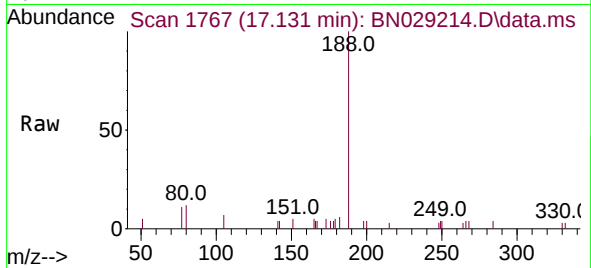




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.131 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029214.D
Acq: 28 Dec 2023 15:01

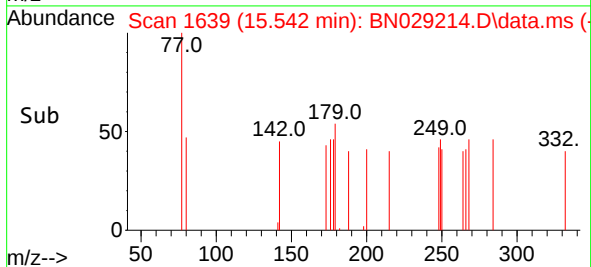
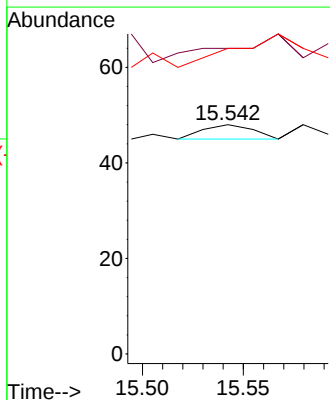
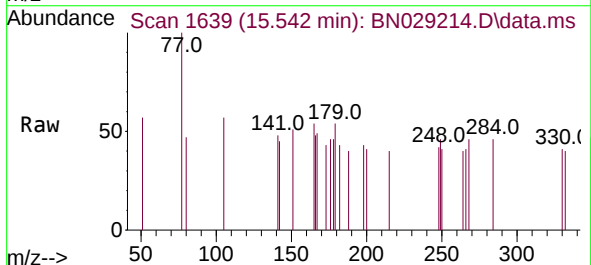
Instrument :
BNA_N
ClientSampleId :
COLS7

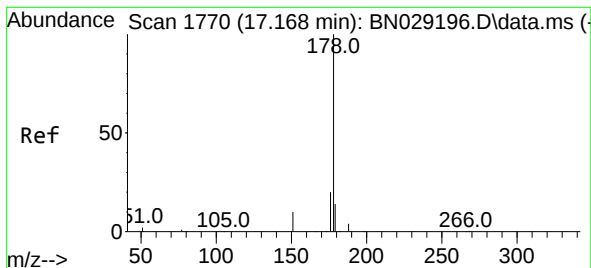
Tgt Ion:188 Resp: 2079
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 8.8 13.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.108 ng
RT: 15.542 min Scan# 1639
Delta R.T. 0.012 min
Lab File: BN029214.D
Acq: 28 Dec 2023 15:01

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 133.3 47.4 71.2#
105 133.3 54.5 81.7#





#25

Phenanthrene

Concen: 0.020 ng

RT: 17.168 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN029214.D

Acq: 28 Dec 2023 15:01

Instrument :

BNA_N

ClientSampleId :

C0LS7

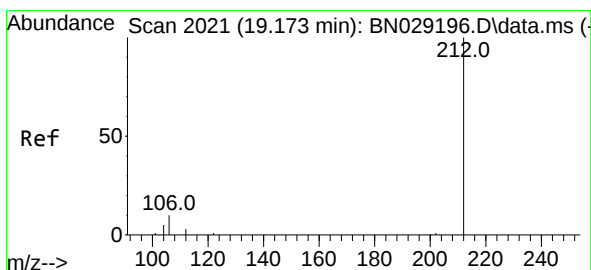
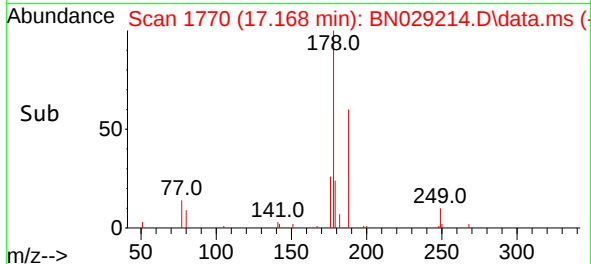
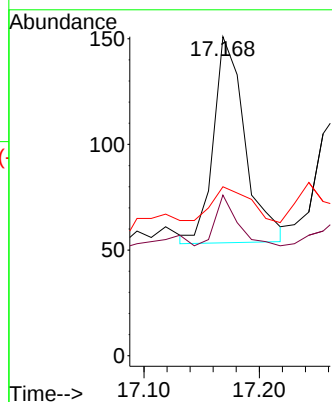
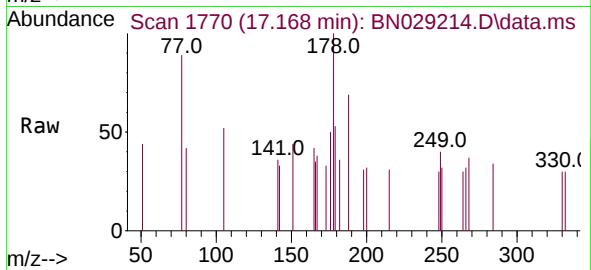
Tgt Ion:178 Resp: 186

Ion Ratio Lower Upper

178 100

176 23.1 16.7 25.1

179 21.5 12.8 19.2#



#27

Fluoranthene-d10

Concen: 0.306 ng

RT: 19.169 min Scan# 2020

Delta R.T. -0.005 min

Lab File: BN029214.D

Acq: 28 Dec 2023 15:01

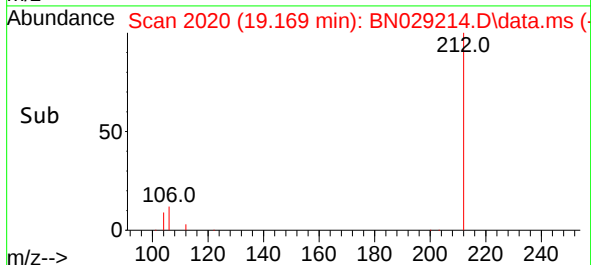
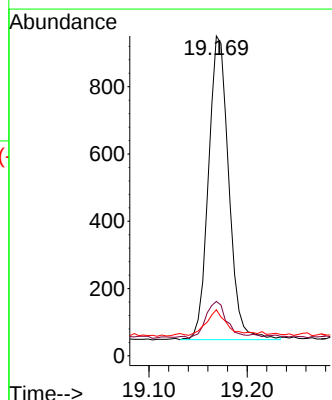
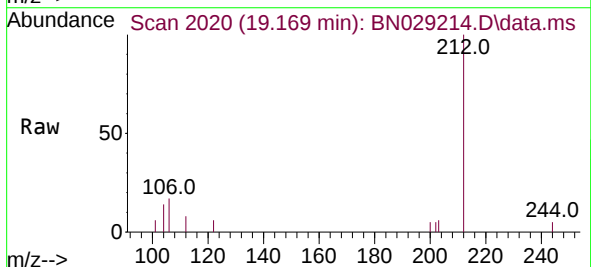
Tgt Ion:212 Resp: 1296

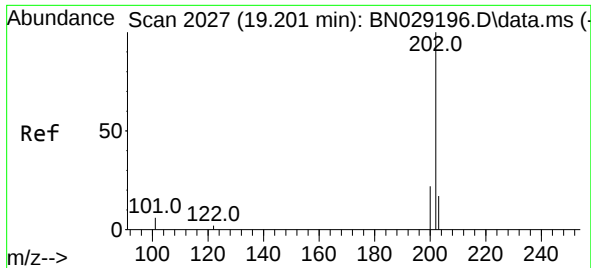
Ion Ratio Lower Upper

212 100

106 11.9 9.7 14.5

104 8.8 6.3 9.5

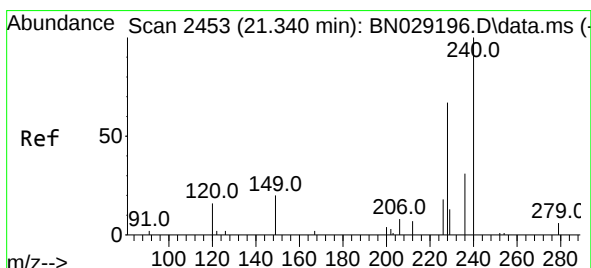
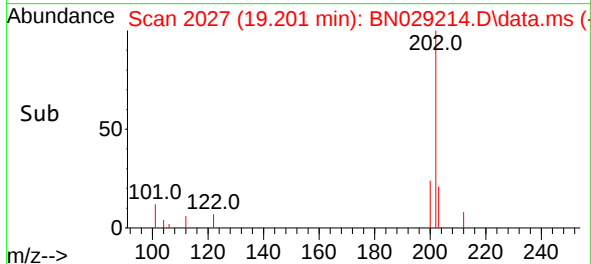
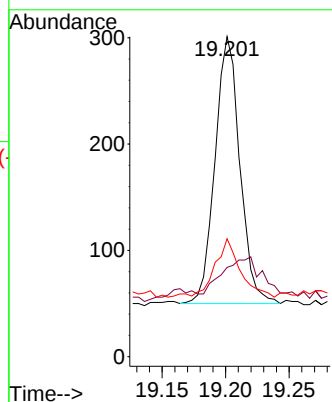
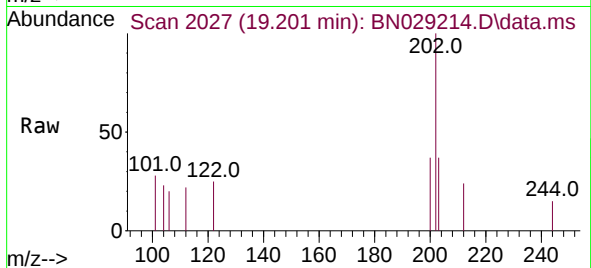




#28
Fluoranthene
Concen: 0.041 ng
RT: 19.201 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BN029214.D
Acq: 28 Dec 2023 15:01

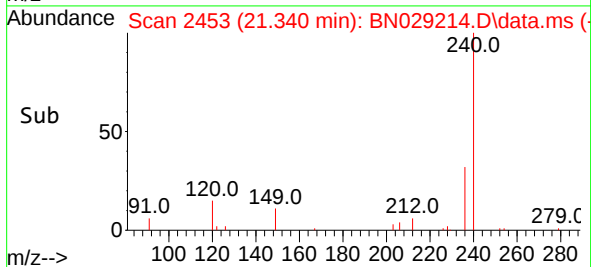
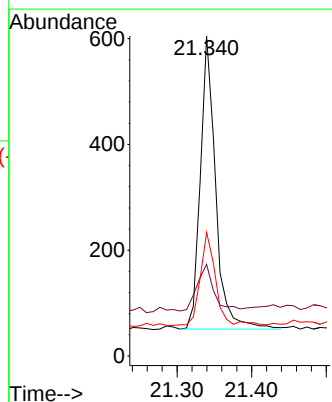
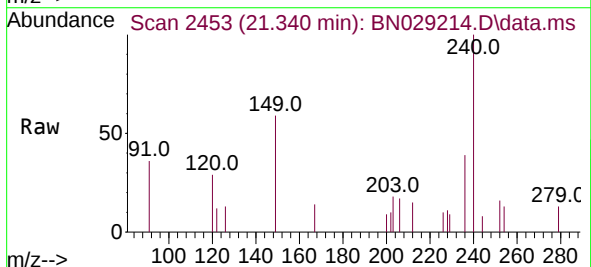
Instrument :
BNA_N
ClientSampleId :
COLS7

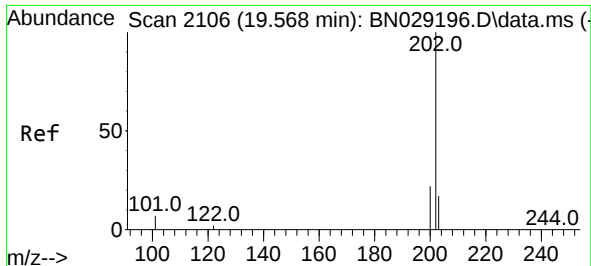
Tgt Ion:202 Resp: 341
Ion Ratio Lower Upper
202 100
101 25.2 5.8 8.6#
203 22.6 13.6 20.4#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2453
Delta R.T. -0.000 min
Lab File: BN029214.D
Acq: 28 Dec 2023 15:01

Tgt Ion:240 Resp: 788
Ion Ratio Lower Upper
240 100
120 28.6 24.6 36.8
236 38.7 32.0 48.0

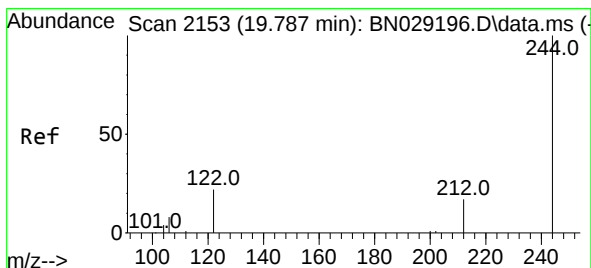
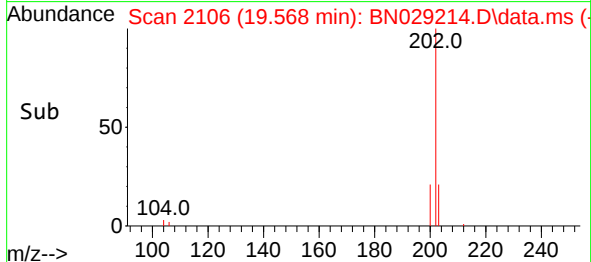
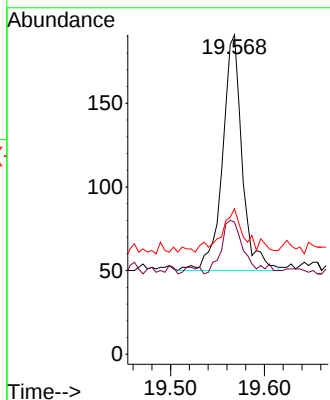
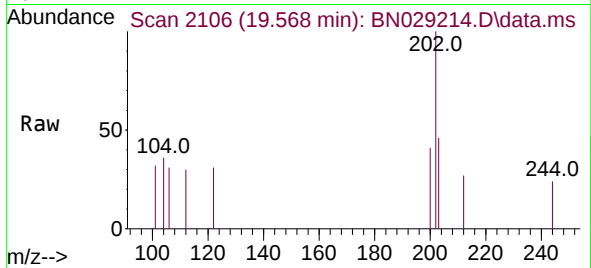




#30
Pyrene
Concen: 0.026 ng
RT: 19.568 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN029214.D
Acq: 28 Dec 2023 15:01

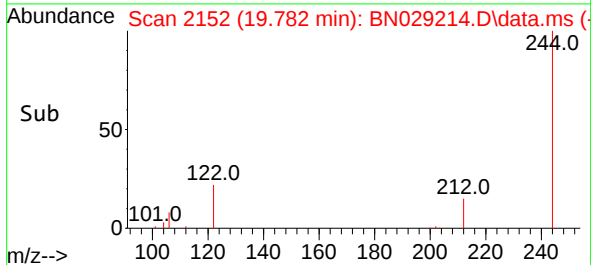
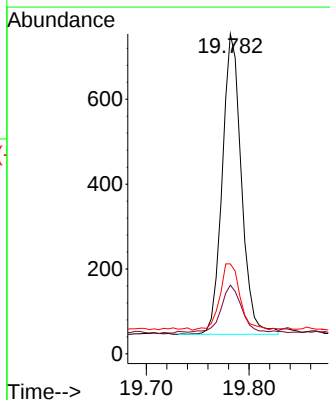
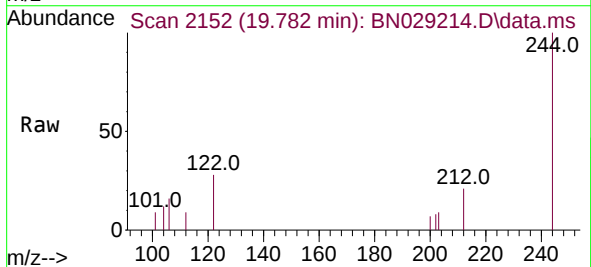
Instrument :
BNA_N
ClientSampleId :
COLS7

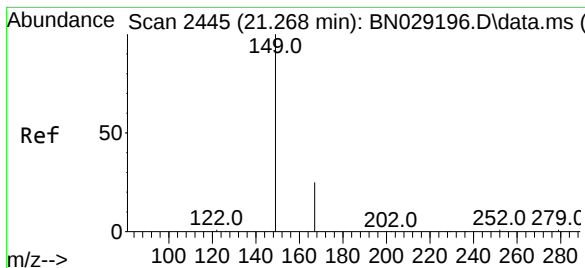
Tgt Ion:	202	Resp:	205
Ion	Ratio	Lower	Upper
202	100		
200	24.4	18.2	27.4
203	17.1	14.8	22.2



#31
Terphenyl-d14
Concen: 0.375 ng
RT: 19.782 min Scan# 2152
Delta R.T. -0.005 min
Lab File: BN029214.D
Acq: 28 Dec 2023 15:01

Tgt Ion:	244	Resp:	916
Ion	Ratio	Lower	Upper
244	100		
212	21.5	20.1	30.1
122	28.1	23.9	35.9

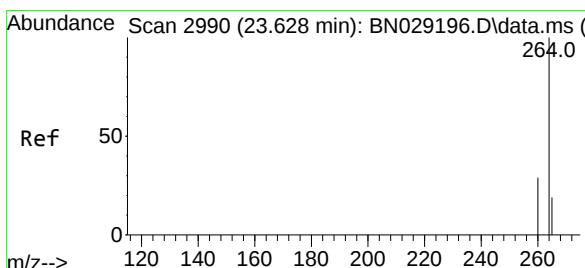
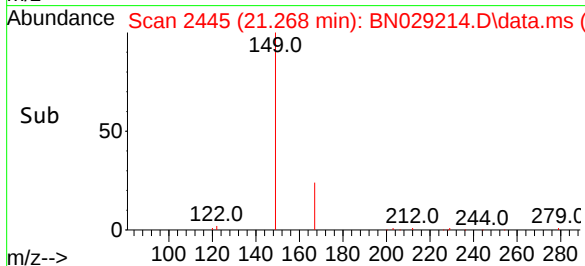
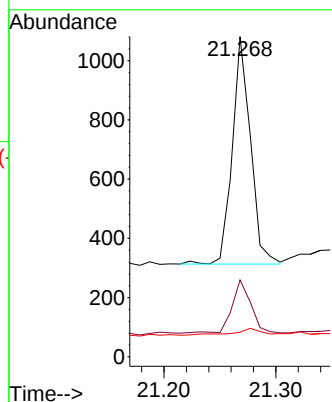
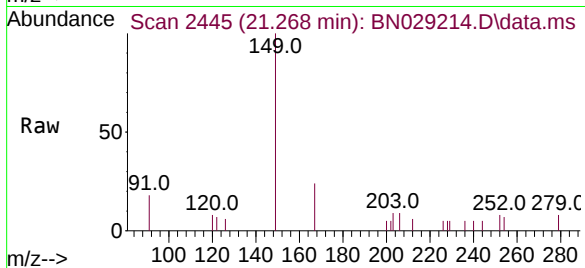




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.132 ng
RT: 21.268 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BN029214.D
Acq: 28 Dec 2023 15:01

Instrument :
BNA_N
ClientSampleId :
COLS7

Tgt Ion:149 Resp: 871
Ion Ratio Lower Upper
149 100
167 24.0 20.7 31.1
279 4.5 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.628 min Scan# 2990
Delta R.T. -0.000 min
Lab File: BN029214.D
Acq: 28 Dec 2023 15:01

Tgt Ion:264 Resp: 811
Ion Ratio Lower Upper
264 100
260 35.6 30.2 45.4
265 111.9 88.1 132.1

