

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072024\
 Data File : BN032881.D
 Acq On : 20 Jul 2024 17:47
 Operator : MA/JU
 Sample : P3299-01
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 22 00:44:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 21 23:33:21 2024
 Response via : Initial Calibration

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

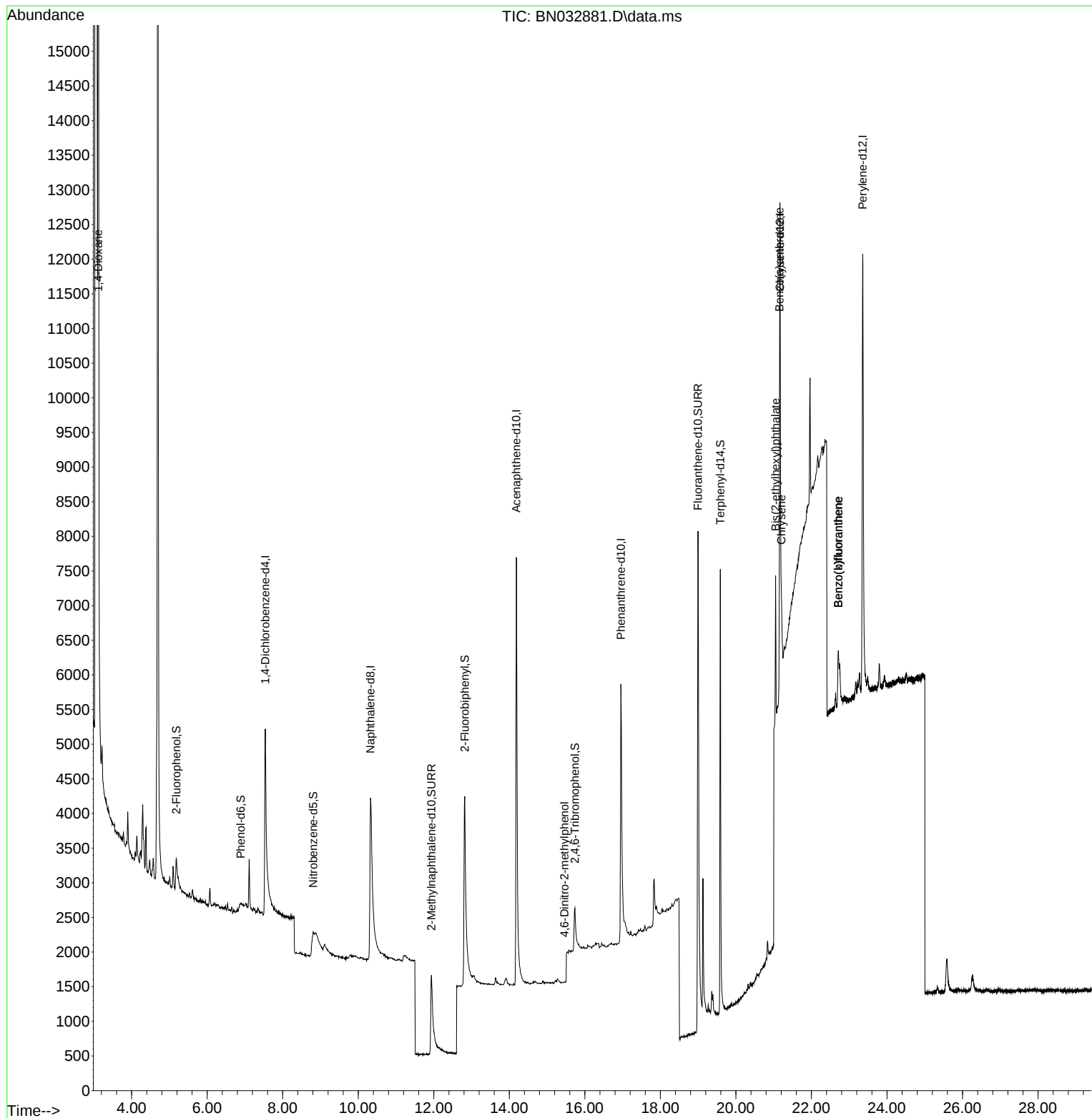
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.538	152	2793	0.400	ng	0.00
7) Naphthalene-d8	10.325	136	9084	0.400	ng	# 0.02
13) Acenaphthene-d10	14.189	164	5584	0.400	ng	0.01
19) Phenanthrene-d10	16.954	188	9129	0.400	ng	# 0.00
29) Chrysene-d12	21.166	240	8890	0.400	ng	0.00
35) Perylene-d12	23.358	264	10149	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	1044	0.148	ng	0.00
5) Phenol-d6	6.888	99	466	0.053	ng	0.11
8) Nitrobenzene-d5	8.809	82	1791	0.262	ng	0.07
11) 2-Methylnaphthalene-d10	11.937	152	4159	0.299	ng	0.02
14) 2,4,6-Tribromophenol	15.738	330	635	0.266	ng	0.01
15) 2-Fluorobiphenyl	12.820	172	6205	0.299	ng	0.01
27) Fluoranthene-d10	18.993	212	8997	0.381	ng	0.00
31) Terphenyl-d14	19.588	244	7809	0.429	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.118	88	17066	4.932	ng	97
20) 4,6-Dinitro-2-methylph...	15.461	198	3	0.295	ng	# 1
32) Benzo(a)anthracene	21.157	228	651	0.023	ng	# 44
33) Chrysene	21.202	228	858	0.026	ng	# 59
34) Bis(2-ethylhexyl)phtha...	21.050	149	6482	0.417	ng	98
37) Benzo(b)fluoranthene	22.709	252	954	0.027	ng	# 1
38) Benzo(k)fluoranthene	22.709	252	954	0.024	ng	# 1

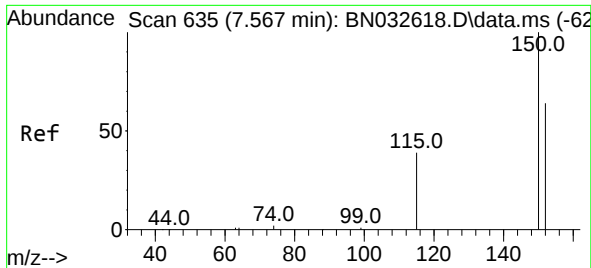
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072024\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
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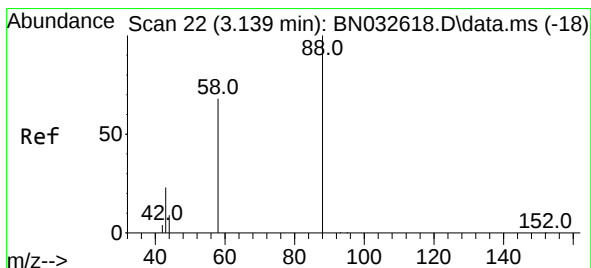
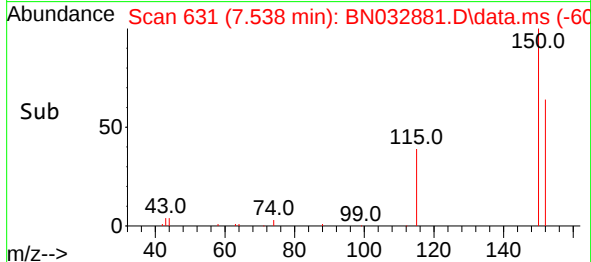
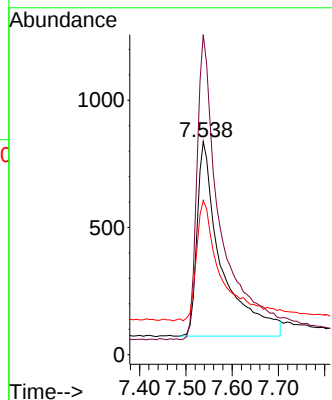
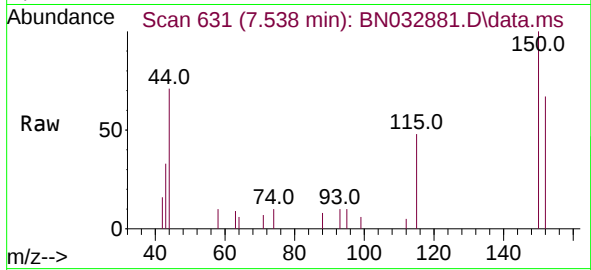




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.538 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN032881.D
 Acq: 20 Jul 2024 17:47

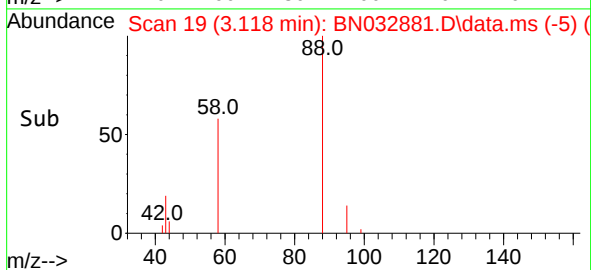
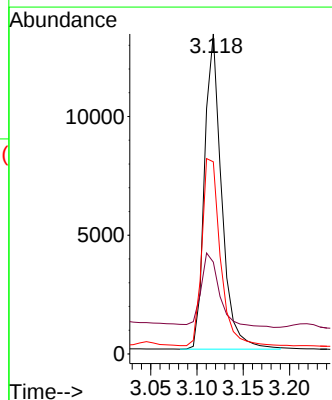
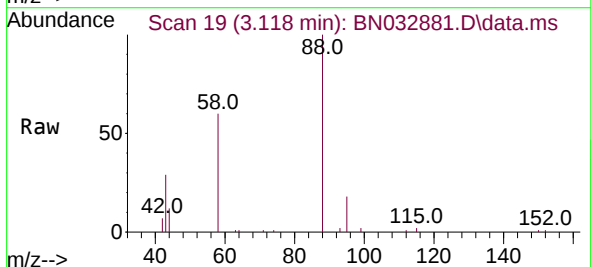
Instrument :
 BNA_N
 ClientSampleId :

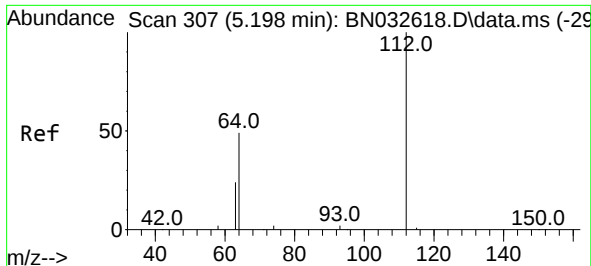
Tgt Ion:152 Resp: 2793
 Ion Ratio Lower Upper
 152 100
 150 150.1 123.8 185.6
 115 72.3 52.8 79.2



#2
 1,4-Dioxane
 Concen: 4.932 ng
 RT: 3.118 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: BN032881.D
 Acq: 20 Jul 2024 17:47

Tgt Ion: 88 Resp: 17066
 Ion Ratio Lower Upper
 88 100
 43 25.3 18.4 27.6
 58 63.7 49.2 73.8





#4

2-Fluorophenol

Concen: 0.148 ng

RT: 5.183 min Scan# 30

Delta R.T. 0.007 min

Lab File: BN032881.D

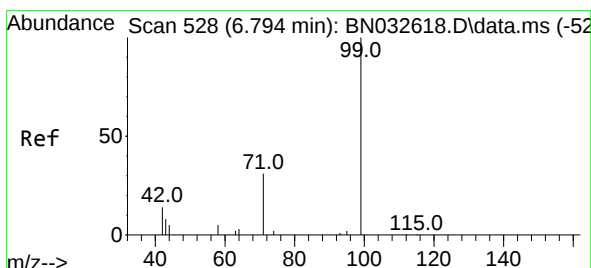
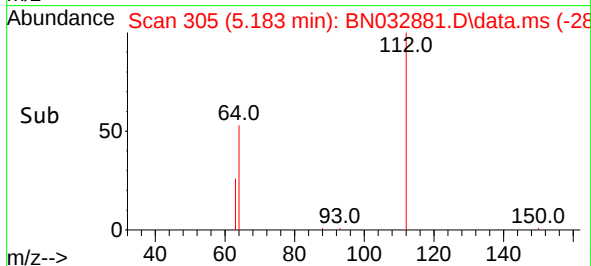
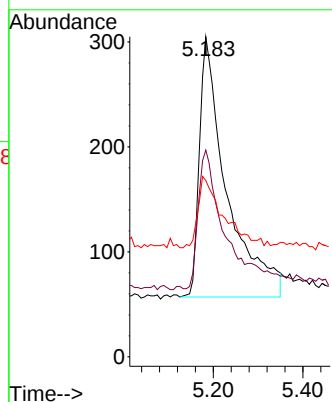
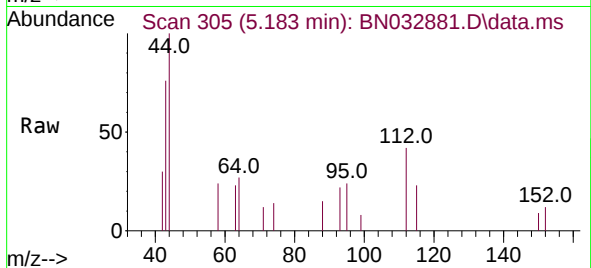
Acq: 20 Jul 2024 17:47

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	112	Resp:	1044
Ion Ratio	Lower	Upper	
112	100		
64	53.5	40.2	60.4
63	25.9	22.2	33.4



#5

Phenol-d6

Concen: 0.053 ng

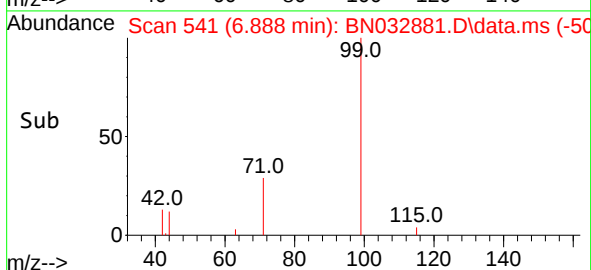
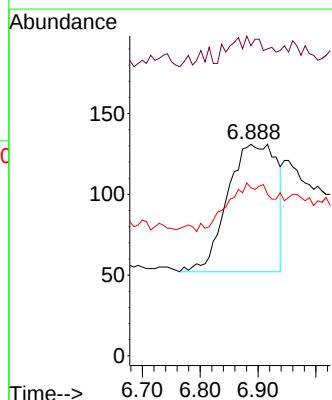
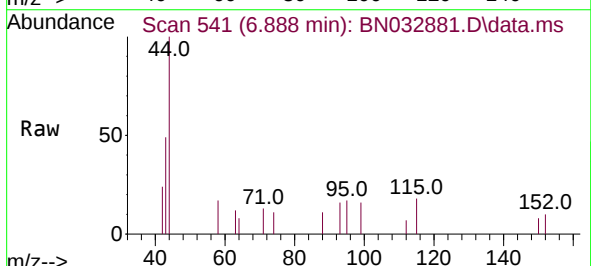
RT: 6.888 min Scan# 541

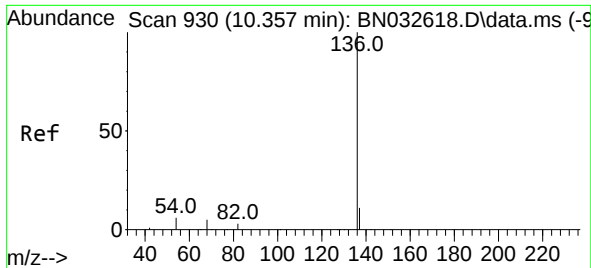
Delta R.T. 0.108 min

Lab File: BN032881.D

Acq: 20 Jul 2024 17:47

Tgt Ion:	99	Resp:	466
Ion Ratio	Lower	Upper	
99	100		
42	0.0	10.5	15.7#
71	21.5	22.3	33.5#

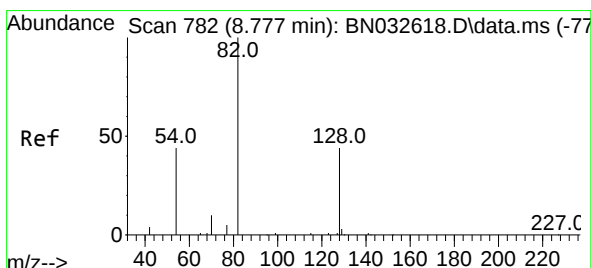
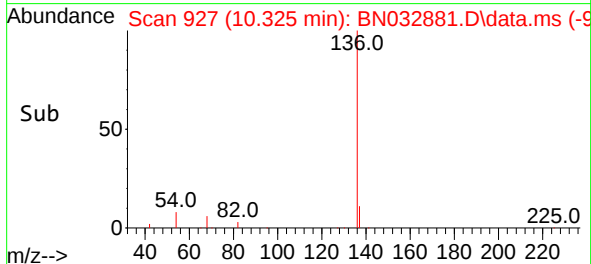
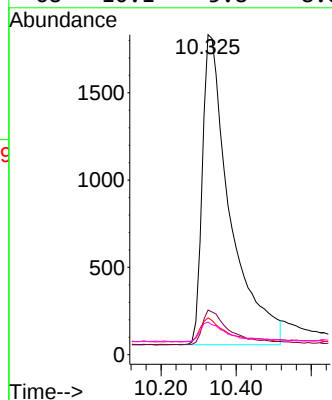
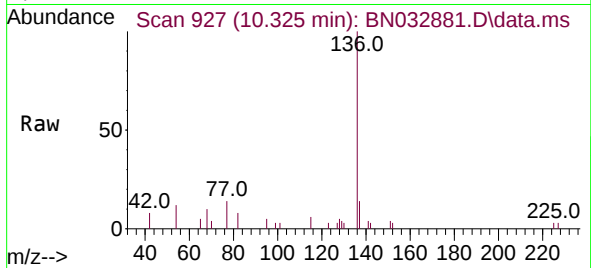




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.325 min Scan# 91
Delta R.T. 0.021 min
Lab File: BN032881.D
Acq: 20 Jul 2024 17:47

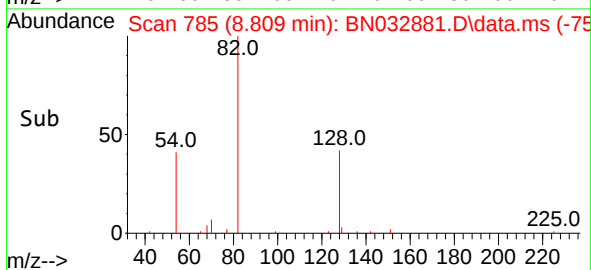
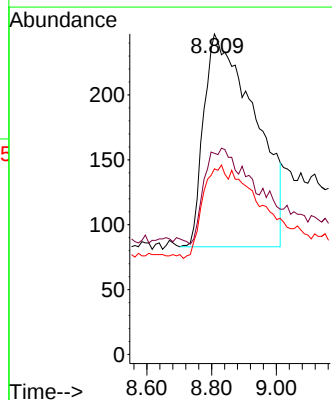
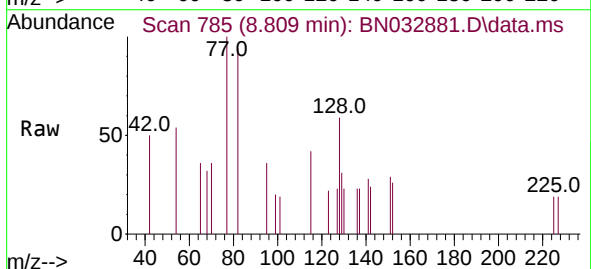
Instrument :
BNA_N
ClientSampleId :

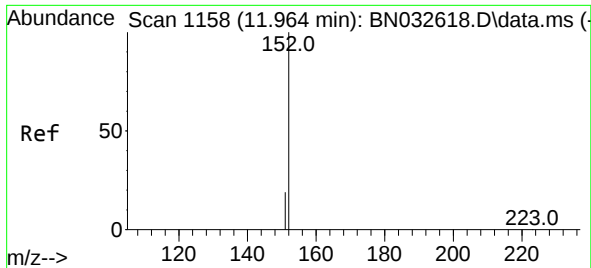
Tgt Ion:	136	Resp:	9084
Ion Ratio	Lower	Upper	
136	100		
137	14.0	9.9	14.9
54	11.5	6.5	9.7#
68	10.1	5.8	8.8#



#8
Nitrobenzene-d5
Concen: 0.262 ng
RT: 8.809 min Scan# 785
Delta R.T. 0.075 min
Lab File: BN032881.D
Acq: 20 Jul 2024 17:47

Tgt Ion:	82	Resp:	1791
Ion Ratio	Lower	Upper	
82	100		
128	62.8	41.7	62.5#
54	57.9	39.5	59.3

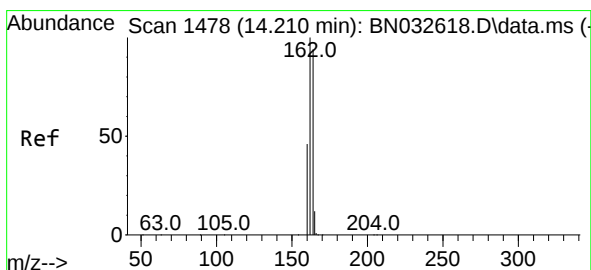
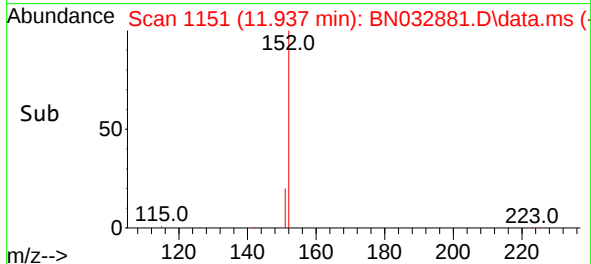
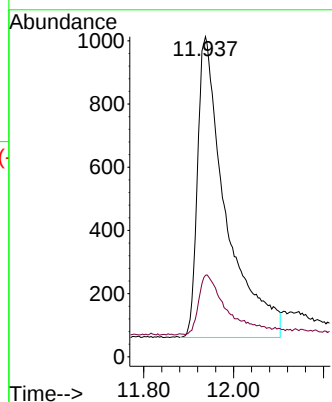
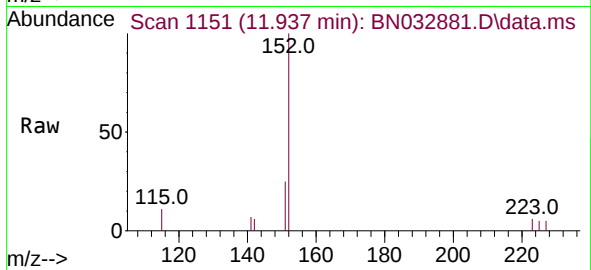




#11
2-Methylnaphthalene-d10
Concen: 0.299 ng
RT: 11.937 min Scan# 1151
Delta R.T. 0.023 min
Lab File: BN032881.D
Acq: 20 Jul 2024 17:47

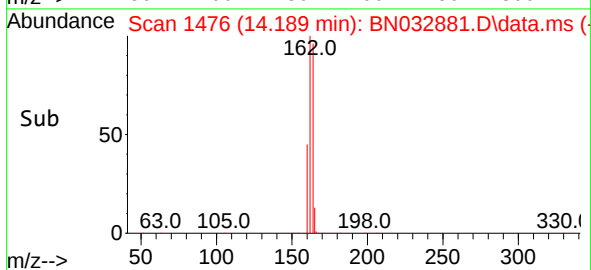
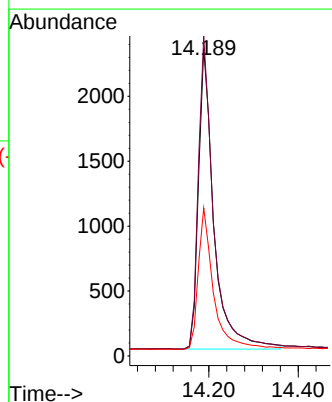
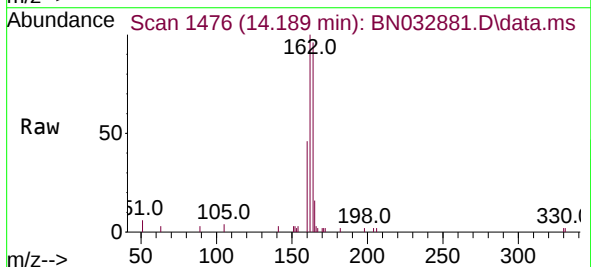
Instrument :
BNA_N
ClientSampleId :

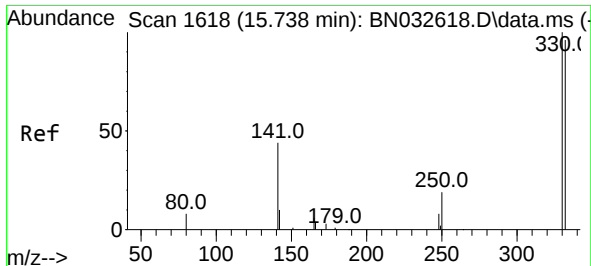
Tgt Ion:152 Resp: 4159
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 1476
Delta R.T. 0.011 min
Lab File: BN032881.D
Acq: 20 Jul 2024 17:47

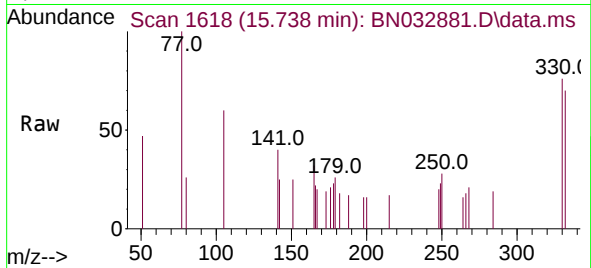
Tgt Ion:164 Resp: 5584
Ion Ratio Lower Upper
164 100
162 104.1 85.0 127.4
160 48.1 39.4 59.2



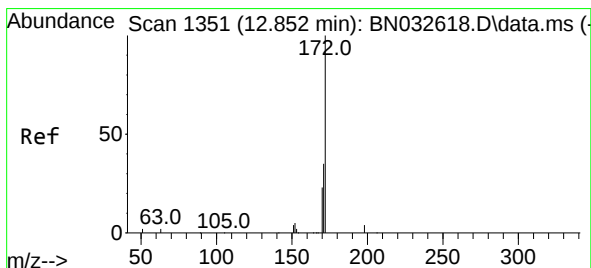
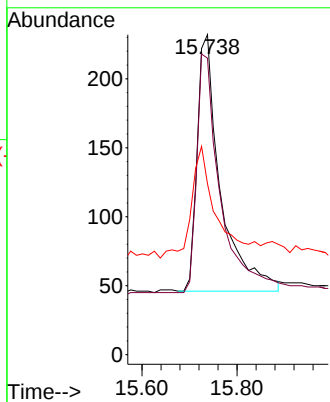
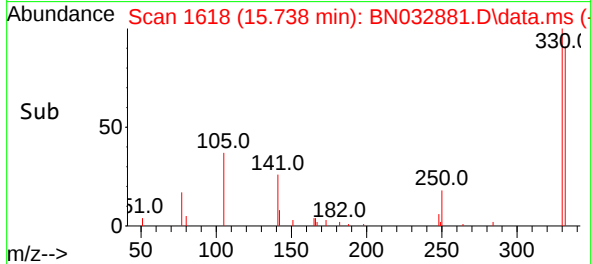


#14
2,4,6-Tribromophenol
Concen: 0.266 ng
RT: 15.738 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN032881.D
Acq: 20 Jul 2024 17:47

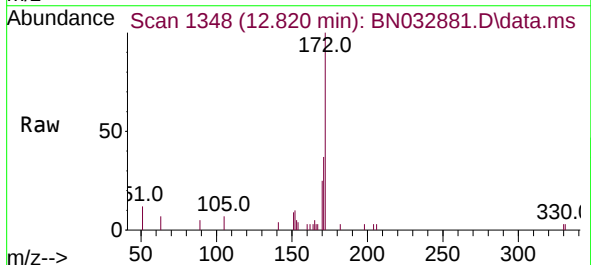
Instrument :
BNA_N
ClientSampleId :



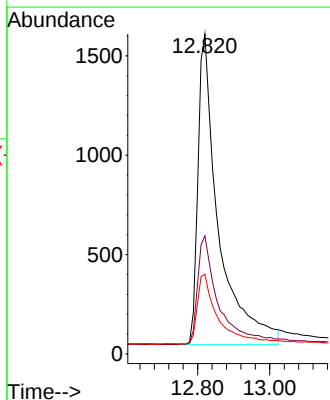
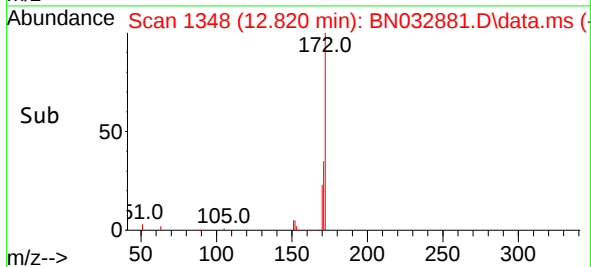
Tgt Ion:330 Resp: 635
Ion Ratio Lower Upper
330 100
332 94.0 77.8 116.8
141 35.9 34.2 51.2

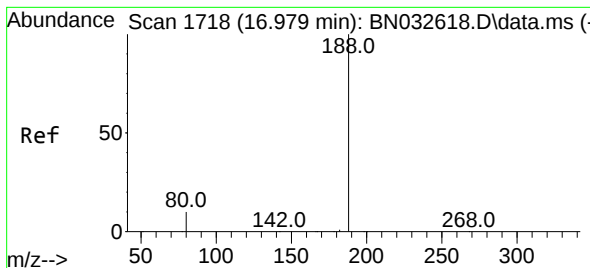


#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 12.820 min Scan# 1348
Delta R.T. 0.011 min
Lab File: BN032881.D
Acq: 20 Jul 2024 17:47



Tgt Ion:172 Resp: 6205
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 25.0 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.954 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN032881.D

Acq: 20 Jul 2024 17:47

Instrument :

BNA_N

ClientSampleId :

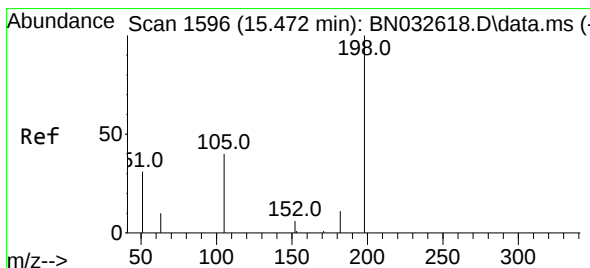
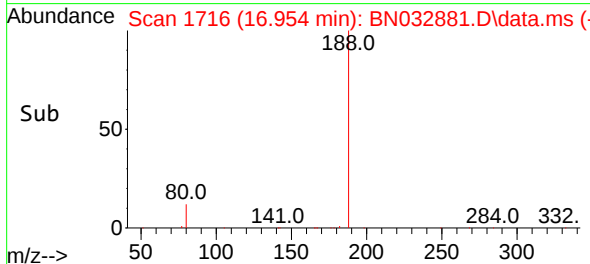
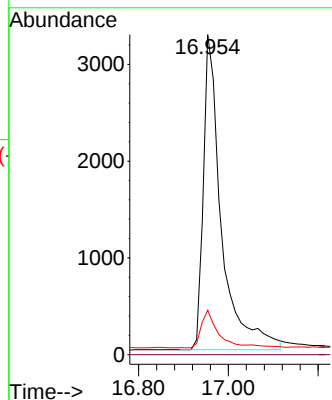
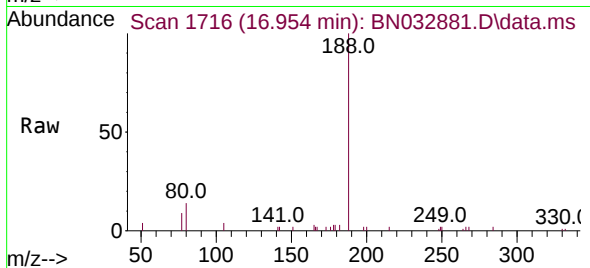
Tgt Ion:188 Resp: 9129

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.9 8.8 13.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.295 ng

RT: 15.461 min Scan# 1595

Delta R.T. -0.011 min

Lab File: BN032881.D

Acq: 20 Jul 2024 17:47

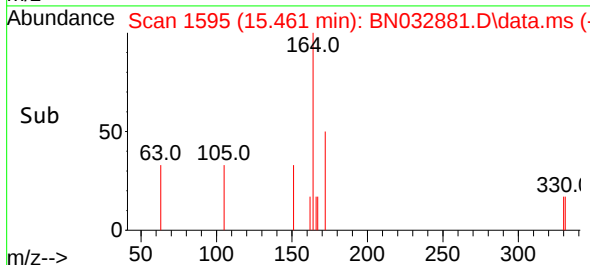
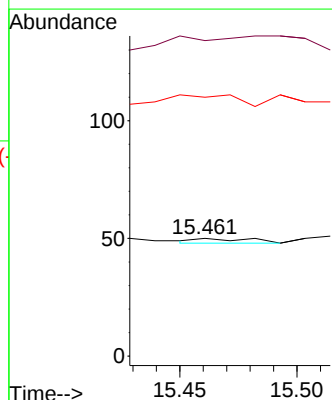
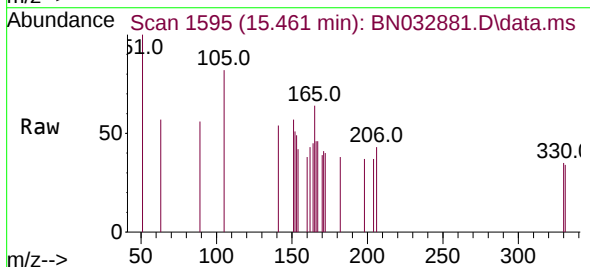
Tgt Ion:198 Resp: 3

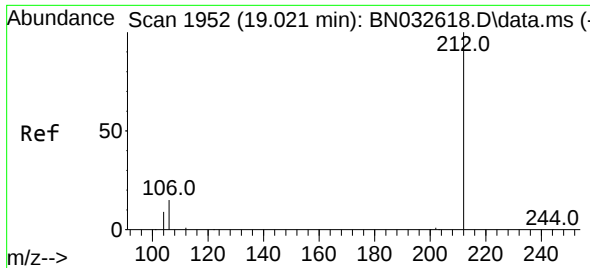
Ion Ratio Lower Upper

198 100

51 268.0 105.7 158.5#

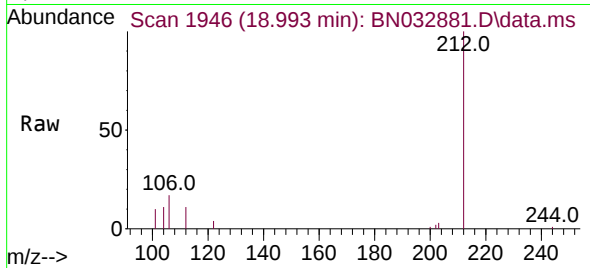
105 220.0 63.0 94.6#



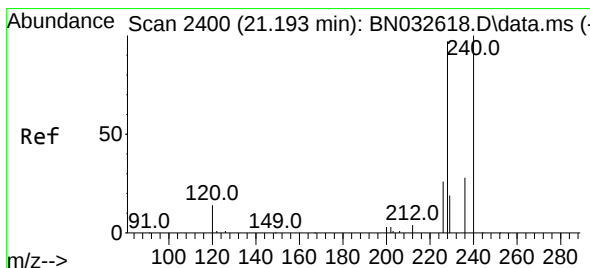
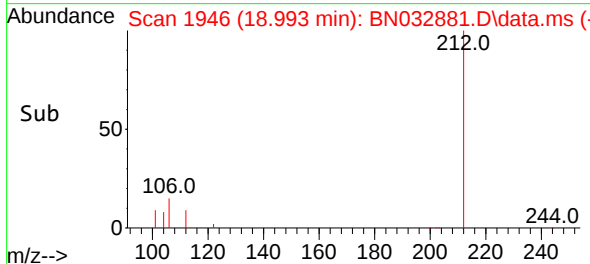
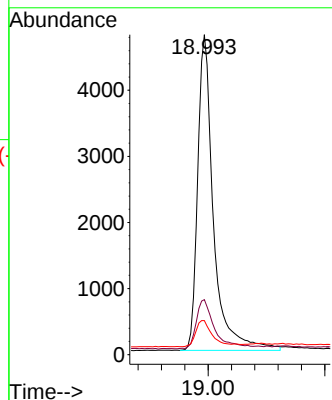


#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 18.993 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BN032881.D
Acq: 20 Jul 2024 17:47

Instrument :
BNA_N
ClientSampleId :

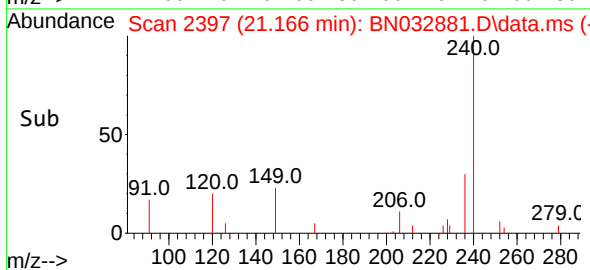
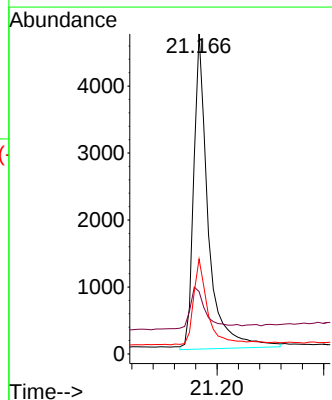
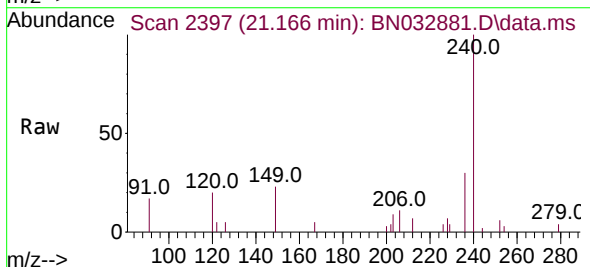


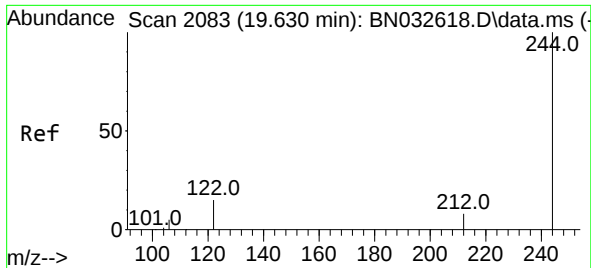
Tgt Ion:212 Resp: 8997
Ion Ratio Lower Upper
212 100
106 18.2 11.9 17.9#
104 8.6 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.166 min Scan# 2397
Delta R.T. -0.000 min
Lab File: BN032881.D
Acq: 20 Jul 2024 17:47

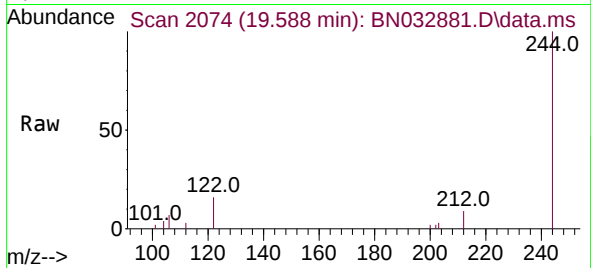
Tgt Ion:240 Resp: 8890
Ion Ratio Lower Upper
240 100
120 19.5 14.8 22.2
236 29.6 23.3 34.9



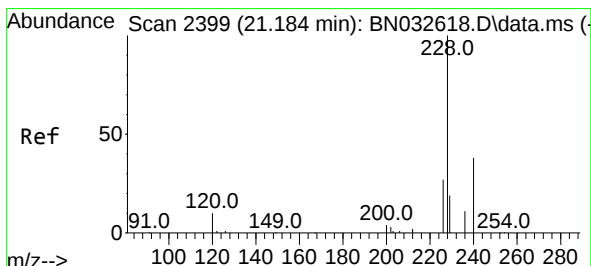
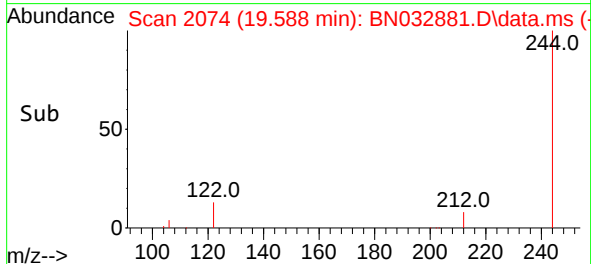
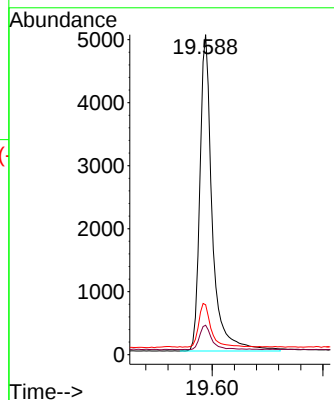


#31
 Terphenyl-d14
 Concen: 0.429 ng
 RT: 19.588 min Scan# 2083
 Delta R.T. -0.005 min
 Lab File: BN032881.D
 Acq: 20 Jul 2024 17:47

Instrument :
 BNA_N
 ClientSampleId :

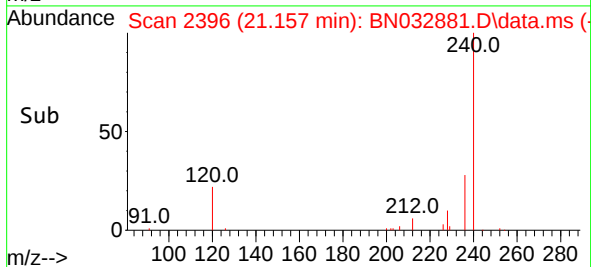
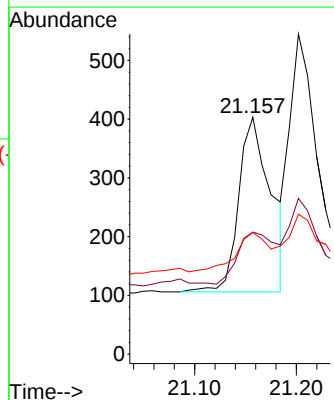
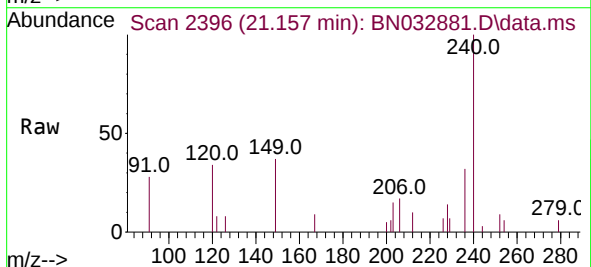


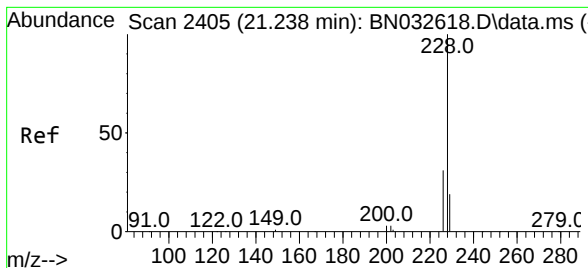
Tgt Ion:244 Resp: 7809
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.5 11.3
 122 15.6 12.6 19.0



#32
 Benzo(a)anthracene
 Concen: 0.023 ng
 RT: 21.157 min Scan# 2396
 Delta R.T. 0.009 min
 Lab File: BN032881.D
 Acq: 20 Jul 2024 17:47

Tgt Ion:228 Resp: 651
 Ion Ratio Lower Upper
 228 100
 226 51.6 21.8 32.6#
 229 51.4 16.0 24.0#





#33

Chrysene

Concen: 0.026 ng

RT: 21.202 min Scan# 2405

Delta R.T. -0.000 min

Lab File: BN032881.D

Acq: 20 Jul 2024 17:47

Instrument :

BNA_N

ClientSampleId :

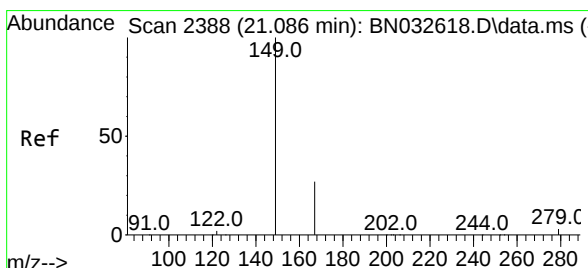
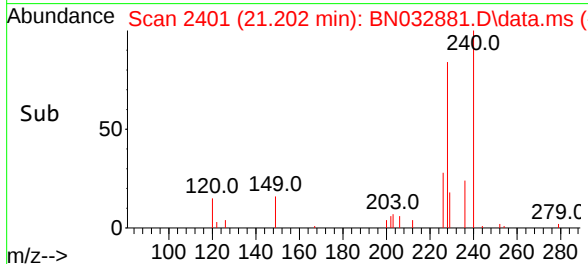
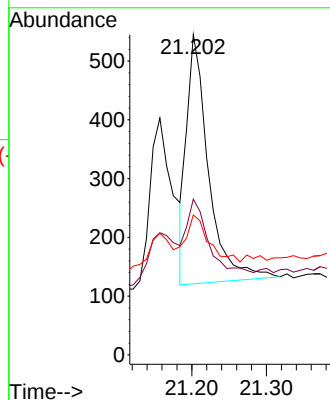
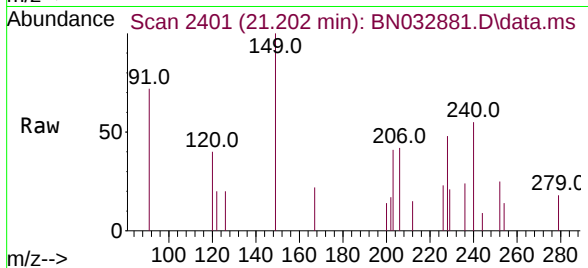
Tgt Ion:228 Resp: 858

Ion Ratio Lower Upper

228 100

226 48.6 24.2 36.2#

229 43.7 16.0 24.0#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.417 ng

RT: 21.050 min Scan# 2384

Delta R.T. -0.000 min

Lab File: BN032881.D

Acq: 20 Jul 2024 17:47

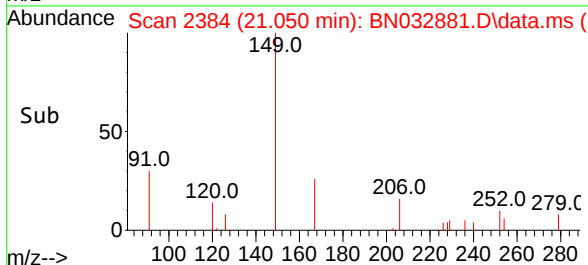
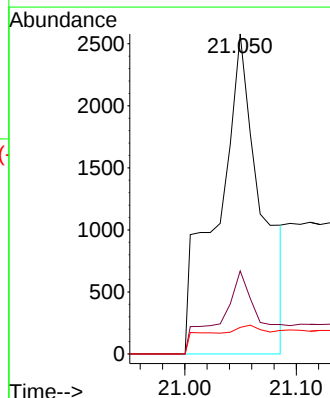
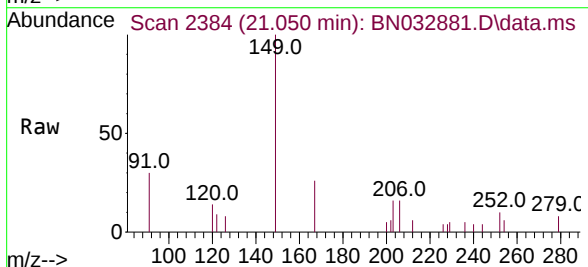
Tgt Ion:149 Resp: 6482

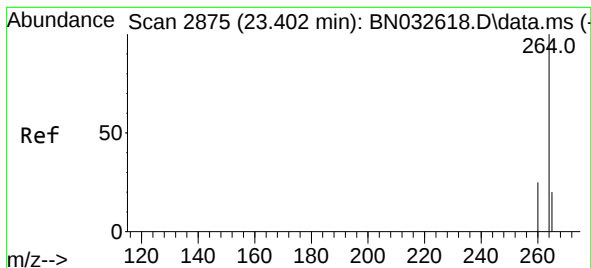
Ion Ratio Lower Upper

149 100

167 25.9 21.4 32.2

279 2.9 2.8 4.2





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.358 min Scan# 21

Delta R.T. -0.000 min

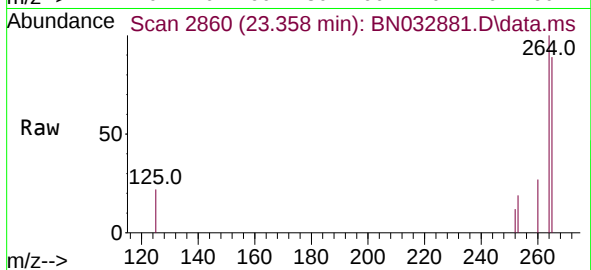
Lab File: BN032881.D

Acq: 20 Jul 2024 17:47

Instrument :

BNA_N

ClientSampleId :



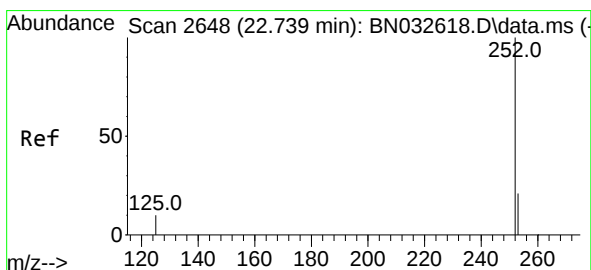
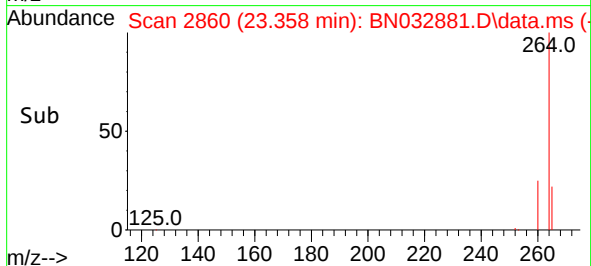
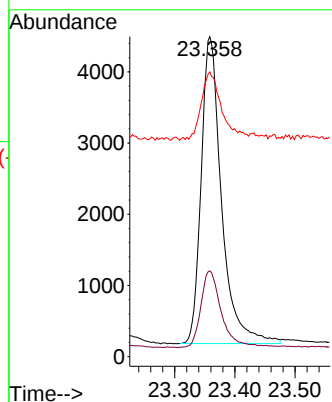
Tgt Ion:264 Resp: 10149

Ion Ratio Lower Upper

264 100

260 26.8 20.9 31.3

265 89.0 85.4 128.2



#37

Benzo(b)fluoranthene

Concen: 0.027 ng

RT: 22.709 min Scan# 2638

Delta R.T. 0.009 min

Lab File: BN032881.D

Acq: 20 Jul 2024 17:47

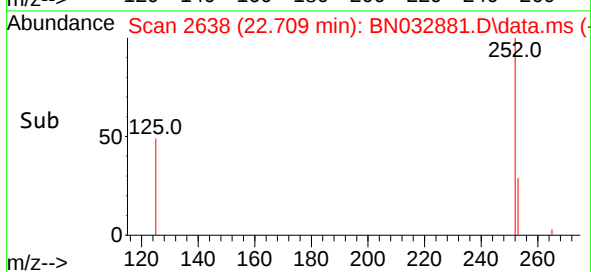
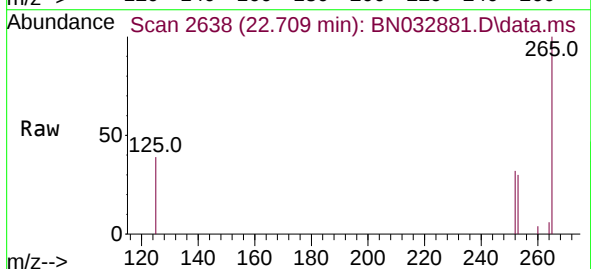
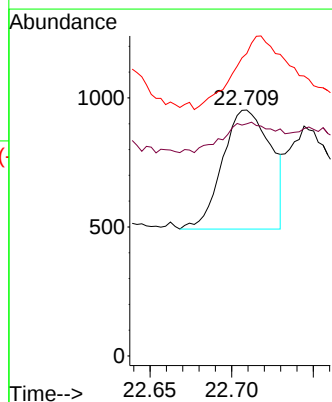
Tgt Ion:252 Resp: 954

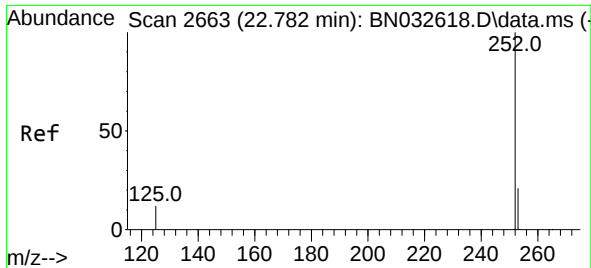
Ion Ratio Lower Upper

252 100

253 94.4 22.3 33.5#

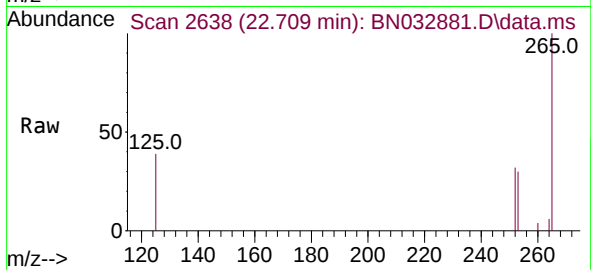
125 123.0 15.4 23.2#





#38
Benzo(k)fluoranthene
Concen: 0.024 ng
RT: 22.709 min Scan# 20
Delta R.T. -0.035 min
Lab File: BN032881.D
Acq: 20 Jul 2024 17:47

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:252 Resp: 954
Ion Ratio Lower Upper
252 100
253 94.4 22.6 34.0#
125 123.0 16.2 24.4#

