

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
 Data File : BN033037.D
 Acq On : 27 Jul 2024 17:50
 Operator : MA/JU
 Sample : PB162294BL
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB162294BL

Quant Time: Jul 29 01:06:37 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)

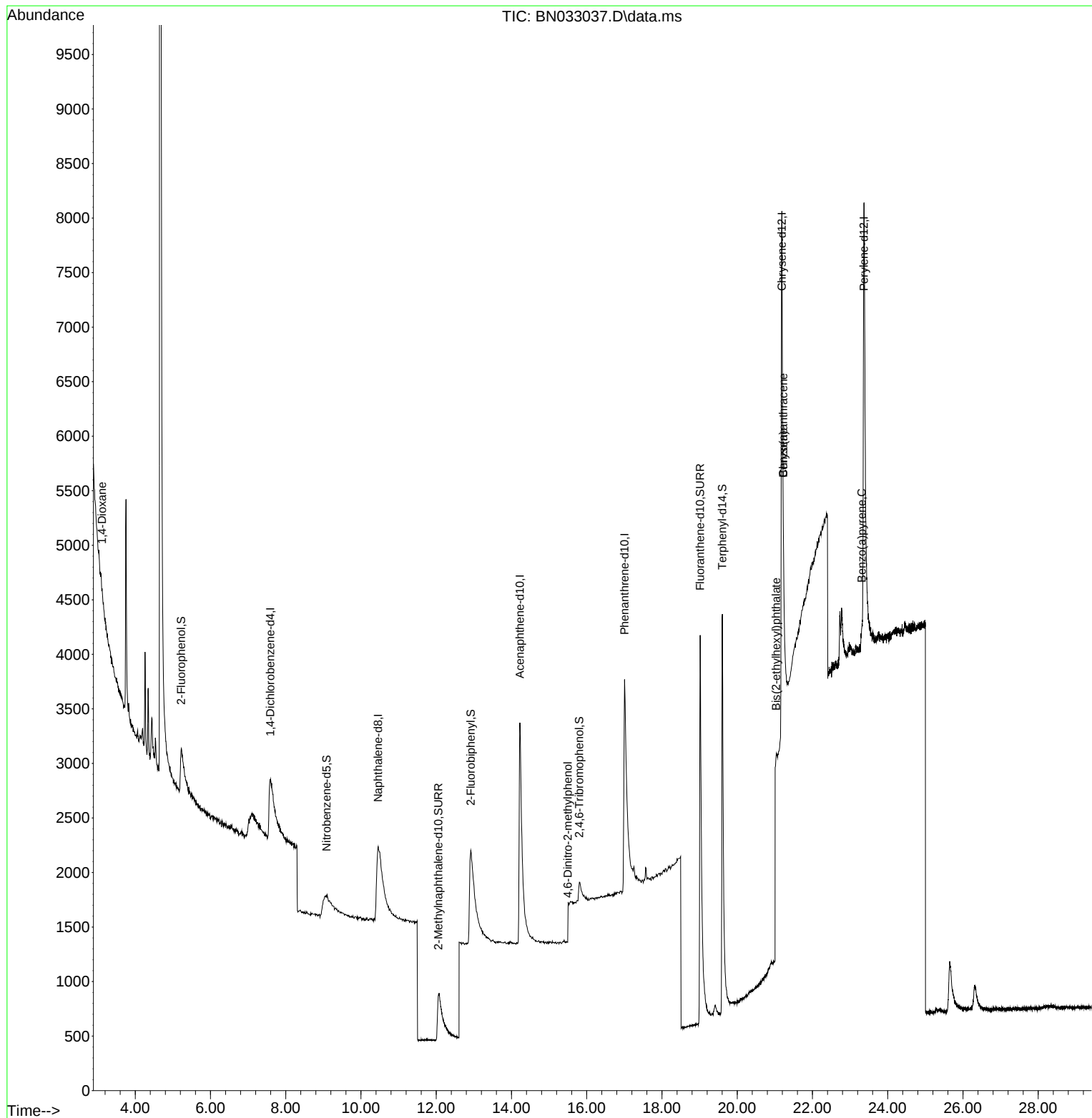
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1261	0.400	ng	# 0.06
7) Naphthalene-d8	10.458	136	4769	0.400	ng	# 0.15
13) Acenaphthene-d10	14.222	164	3174	0.400	ng	0.04
19) Phenanthrene-d10	17.007	188	8835	0.400	ng	# 0.05
29) Chrysene-d12	21.187	240	9420	0.400	ng	0.02
35) Perylene-d12	23.367	264	10162	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.220	112	1553	0.487	ng	0.04
5) Phenol-d6	6.788	99	7	0.002	ng	0.00
8) Nitrobenzene-d5	9.080	82	761	0.212	ng	0.35
11) 2-Methylnaphthalene-d10	12.060	152	908	0.124	ng	0.14
14) 2,4,6-Tribromophenol	15.803	330	321	0.237	ng	0.08
15) 2-Fluorobiphenyl	12.918	172	3917	0.332	ng	0.11
27) Fluoranthene-d10	19.015	212	9998	0.437	ng	0.02
31) Terphenyl-d14	19.605	244	8317	0.431	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.119	88	33	0.021	ng	# 29
20) 4,6-Dinitro-2-methylph...	15.494	198	1	0.294	ng	# 19
32) Benzo(a)anthracene	21.223	228	1163	0.039	ng	# 73
33) Chrysene	21.223	228	1777	0.050	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.035	149	2609	0.158	ng	# 90
39) Benzo(a)pyrene	23.312	252	674	0.021	ng	# 1

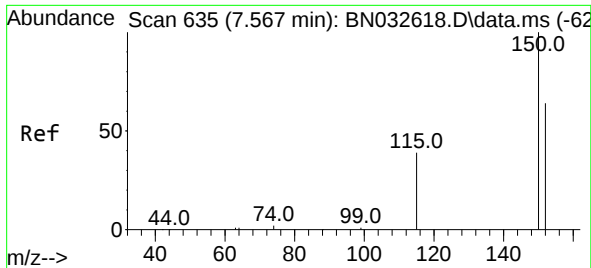
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033037.D
Acq On : 27 Jul 2024 17:50
Operator : MA/JU
Sample : PB162294BL
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162294BL

Quant Time: Jul 29 01:06:37 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

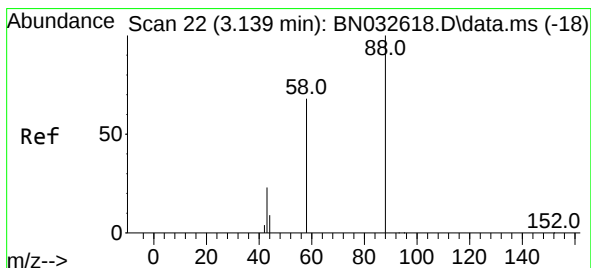
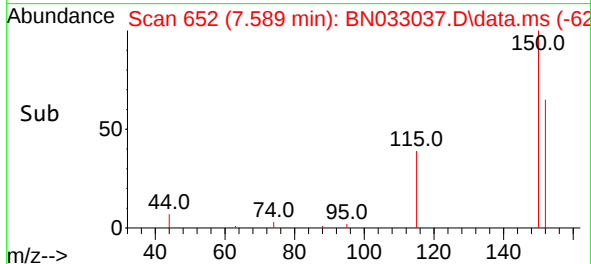
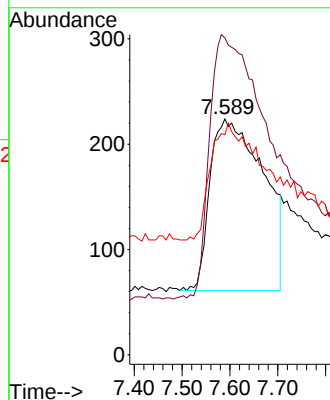
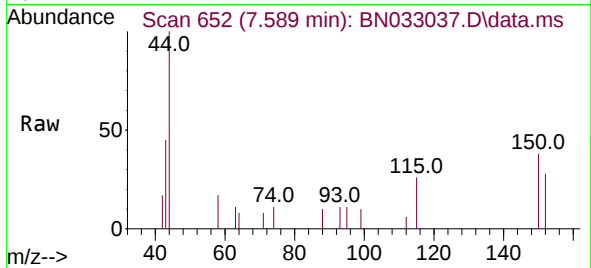




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. 0.058 min
 Lab File: BN033037.D
 Acq: 27 Jul 2024 17:50

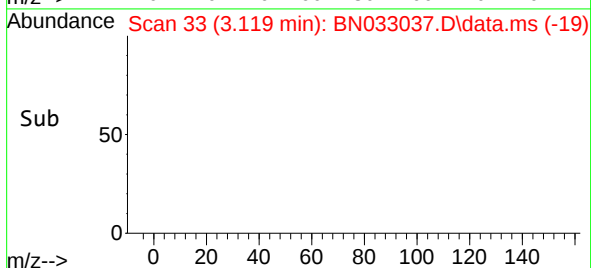
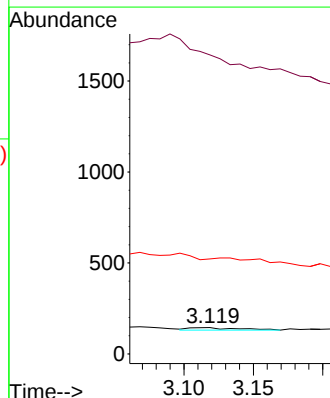
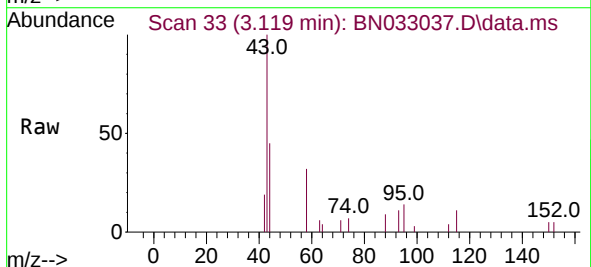
Instrument :
 BNA_N
 ClientSampleId :
 PB162294BL

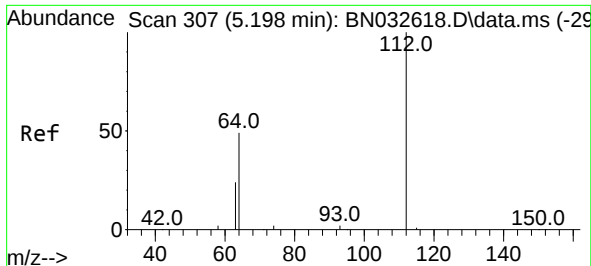
Tgt Ion:152 Resp: 1261
 Ion Ratio Lower Upper
 152 100
 150 134.4 123.8 185.6
 115 93.3 52.8 79.2#



#2
 1,4-Dioxane
 Concen: 0.021 ng
 RT: 3.119 min Scan# 33
 Delta R.T. 0.001 min
 Lab File: BN033037.D
 Acq: 27 Jul 2024 17:50

Tgt Ion: 88 Resp: 33
 Ion Ratio Lower Upper
 88 100
 43 0.0 18.4 27.6#
 58 0.0 49.2 73.8#

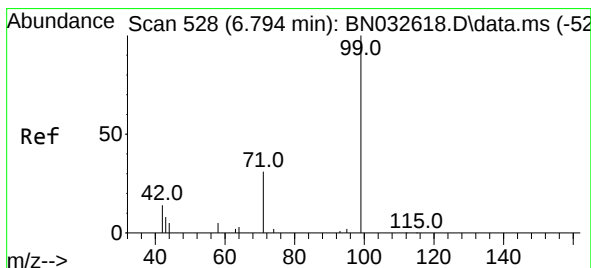
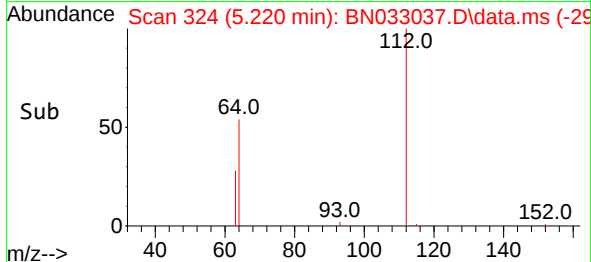
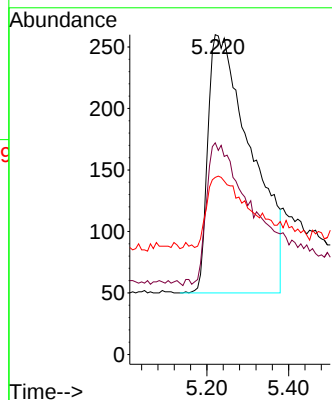
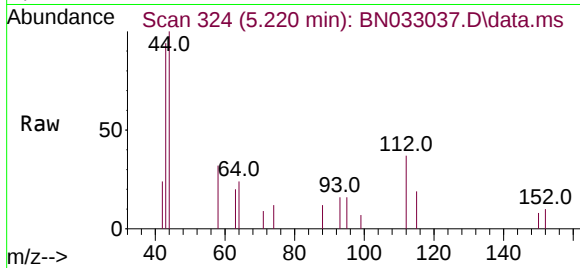




#4
2-Fluorophenol
Concen: 0.487 ng
RT: 5.220 min Scan# 31
Delta R.T. 0.044 min
Lab File: BN033037.D
Acq: 27 Jul 2024 17:50

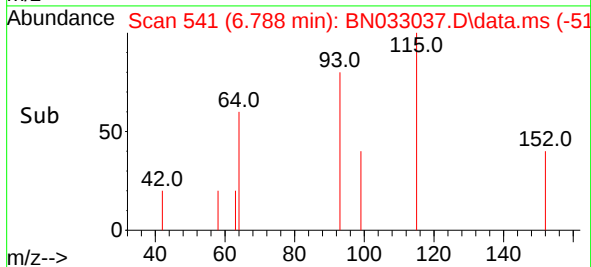
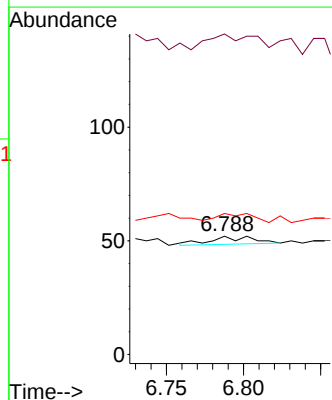
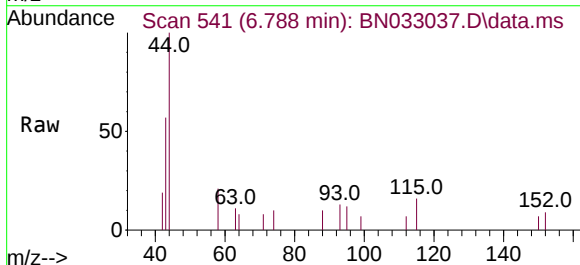
Instrument :
BNA_N
ClientSampleId :
PB162294BL

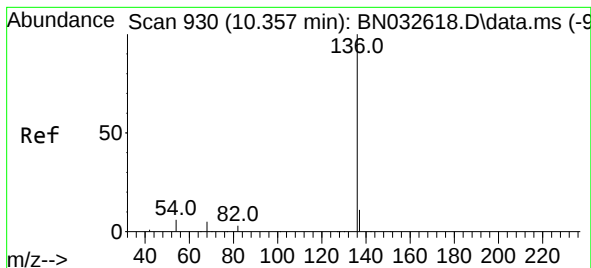
Tgt Ion:	112	Resp:	1553
Ion	Ratio	Lower	Upper
112	100		
64	56.0	40.2	60.4
63	23.4	22.2	33.4



#5
Phenol-d6
Concen: 0.002 ng
RT: 6.788 min Scan# 541
Delta R.T. 0.008 min
Lab File: BN033037.D
Acq: 27 Jul 2024 17:50

Tgt Ion:	99	Resp:	7
Ion	Ratio	Lower	Upper
99	100		
42	371.4	10.5	15.7#
71	42.9	22.3	33.5#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.458 min Scan# 91

Delta R.T. 0.154 min

Lab File: BN033037.D

Acq: 27 Jul 2024 17:50

Instrument :

BNA_N

ClientSampleId :

PB162294BL

Tgt Ion:136 Resp: 4769

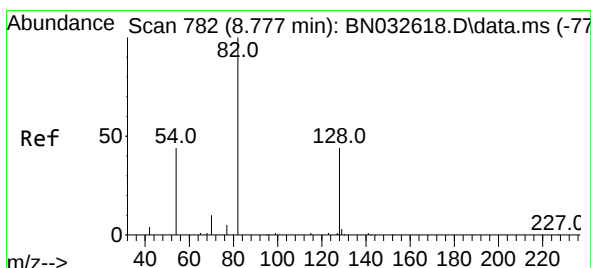
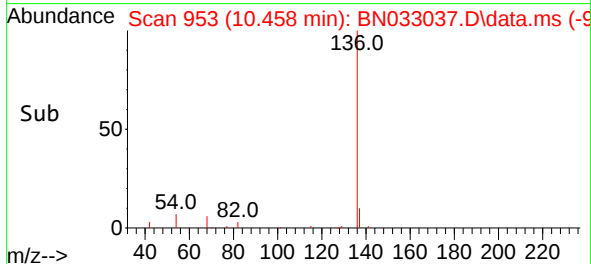
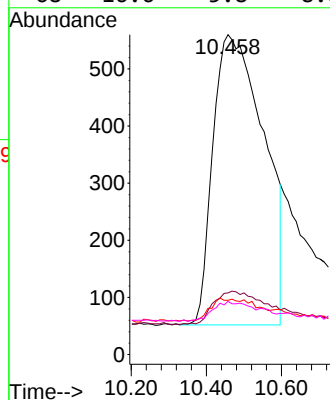
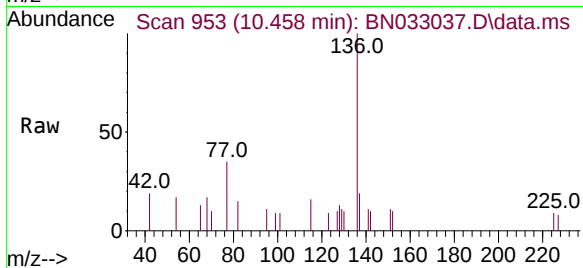
Ion Ratio Lower Upper

136 100

137 19.3 9.9 14.9#

54 17.0 6.5 9.7#

68 16.6 5.8 8.8#



#8

Nitrobenzene-d5

Concen: 0.212 ng

RT: 9.080 min Scan# 824

Delta R.T. 0.346 min

Lab File: BN033037.D

Acq: 27 Jul 2024 17:50

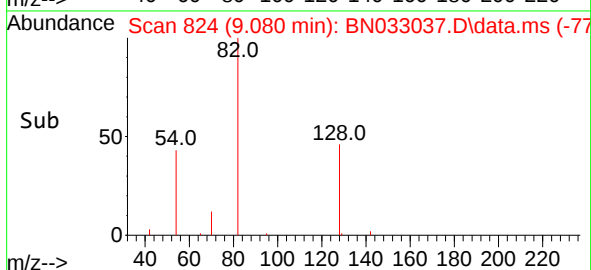
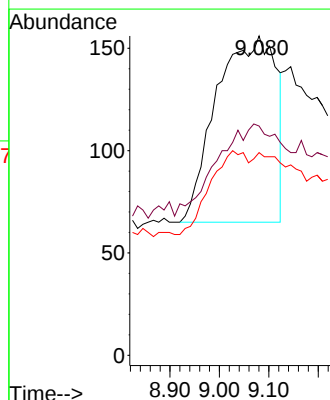
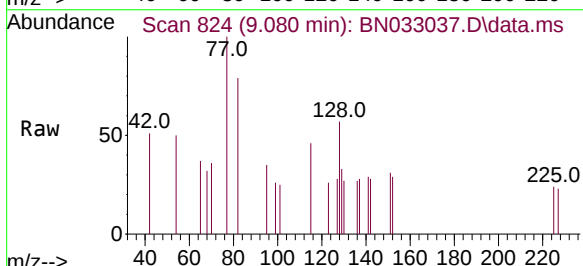
Tgt Ion: 82 Resp: 761

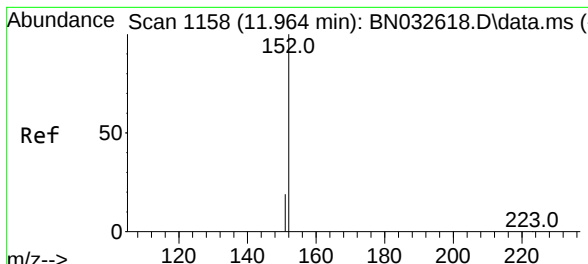
Ion Ratio Lower Upper

82 100

128 71.8 41.7 62.5#

54 63.5 39.5 59.3#



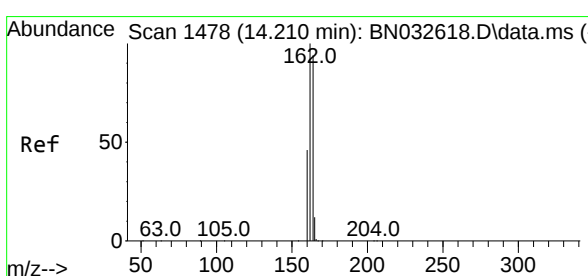
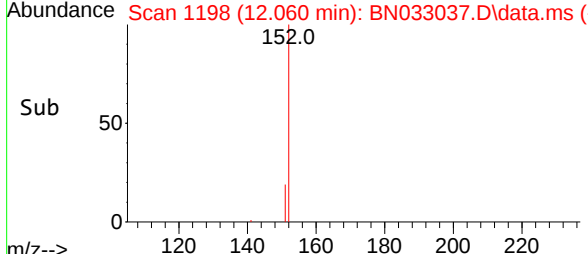
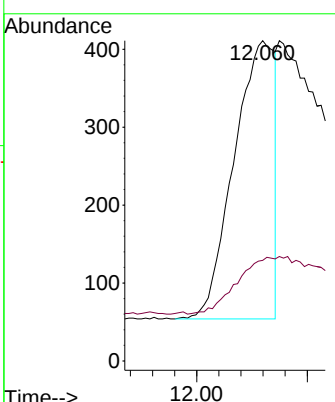
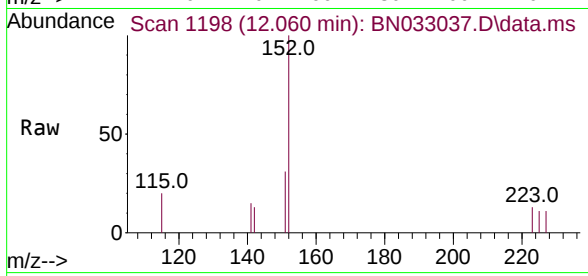


#11
 2-Methylnaphthalene-d10
 Concen: 0.124 ng
 RT: 12.060 min Scan# 1158
 Delta R.T. 0.145 min
 Lab File: BN033037.D
 Acq: 27 Jul 2024 17:50

Instrument : BNA_N
 ClientSampleId : PB162294BL

Tgt Ion:152 Resp: 908

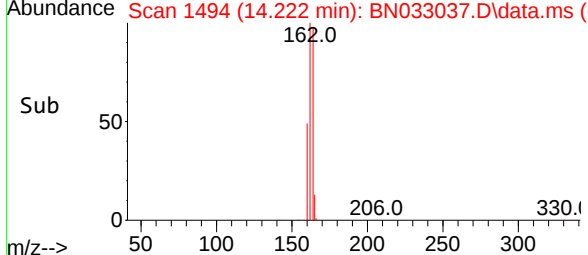
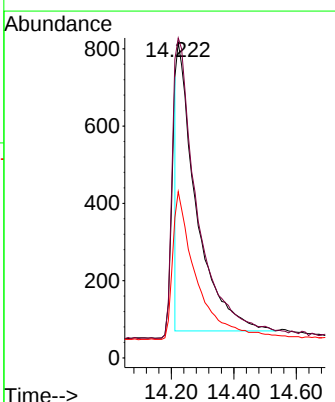
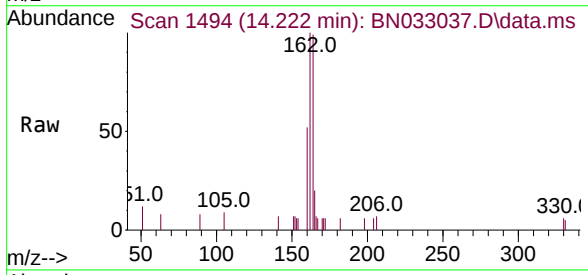
Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.2

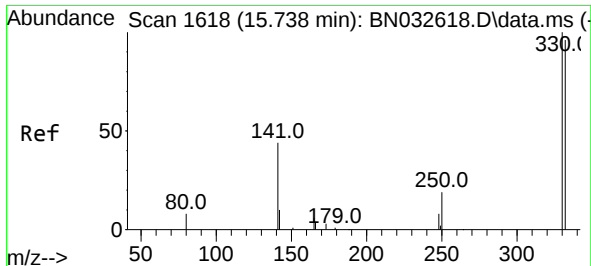


#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.222 min Scan# 1494
 Delta R.T. 0.044 min
 Lab File: BN033037.D
 Acq: 27 Jul 2024 17:50

Tgt Ion:164 Resp: 3174

Ion	Ratio	Lower	Upper
164	100		
162	101.5	85.0	127.4
160	52.7	39.4	59.2

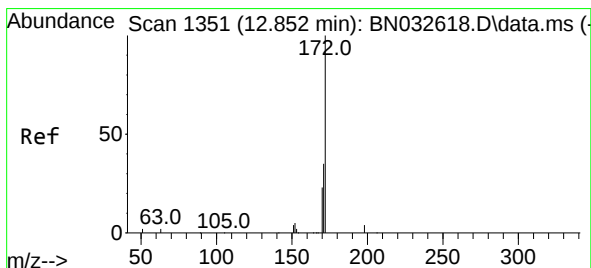
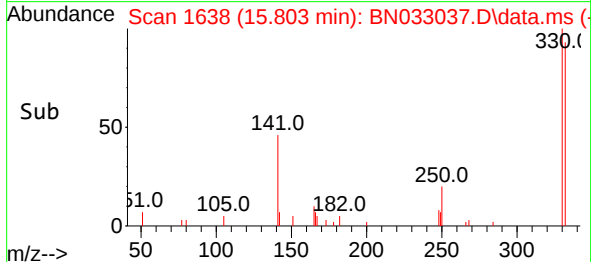
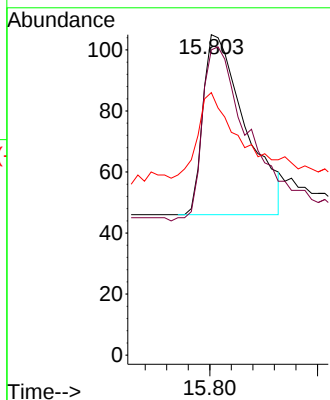
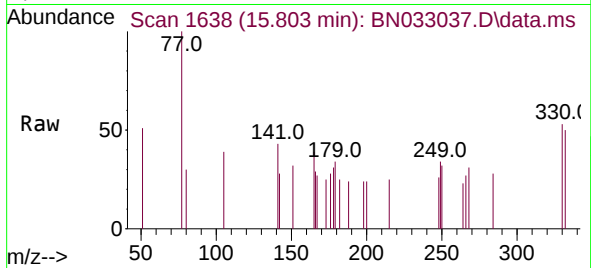




#14
2,4,6-Tribromophenol
Concen: 0.237 ng
RT: 15.803 min Scan# 1
Delta R.T. 0.078 min
Lab File: BN033037.D
Acq: 27 Jul 2024 17:50

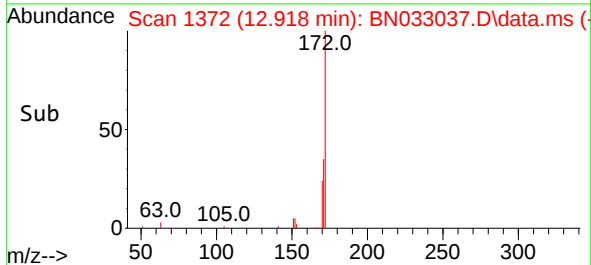
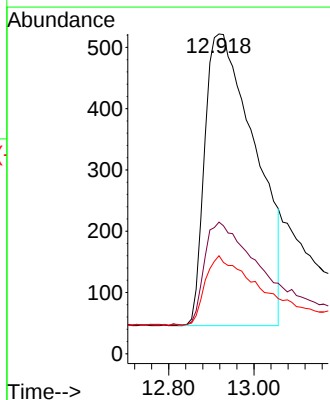
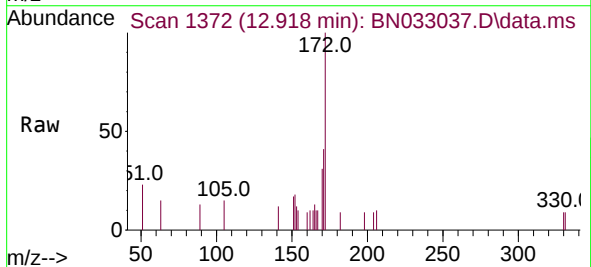
Instrument :
BNA_N
ClientSampleId :
PB162294BL

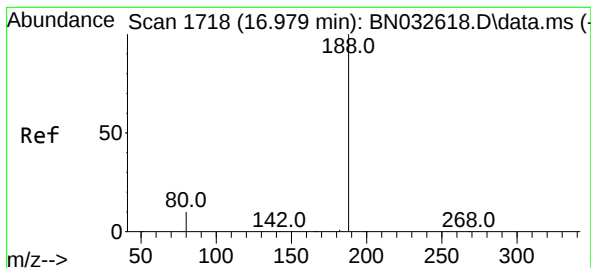
Tgt Ion:330 Resp: 321
Ion Ratio Lower Upper
330 100
332 102.2 77.8 116.8
141 44.5 34.2 51.2



#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 12.918 min Scan# 1372
Delta R.T. 0.108 min
Lab File: BN033037.D
Acq: 27 Jul 2024 17:50

Tgt Ion:172 Resp: 3917
Ion Ratio Lower Upper
172 100
171 41.2 28.6 43.0
170 30.7 19.0 28.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.007 min Scan# 11

Delta R.T. 0.053 min

Lab File: BN033037.D

Acq: 27 Jul 2024 17:50

Instrument :

BNA_N

ClientSampleId :

PB162294BL

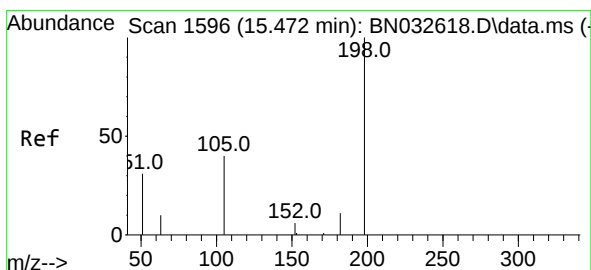
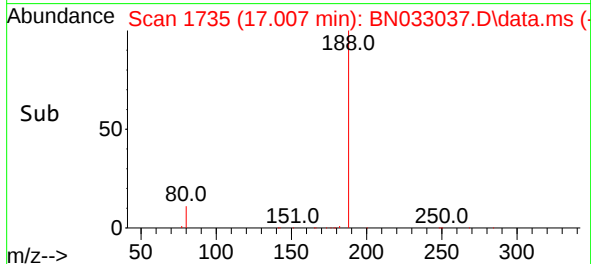
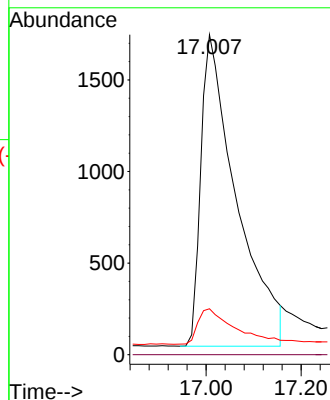
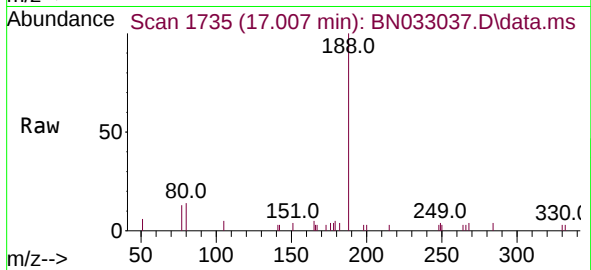
Tgt Ion:188 Resp: 8835

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.4 8.8 13.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.294 ng

RT: 15.494 min Scan# 1613

Delta R.T. 0.022 min

Lab File: BN033037.D

Acq: 27 Jul 2024 17:50

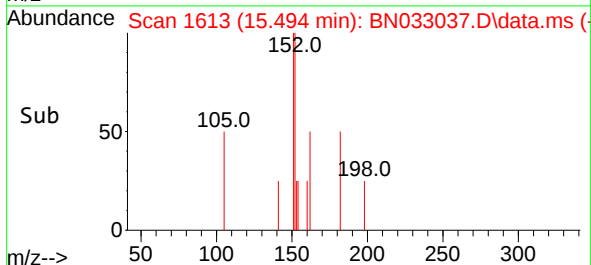
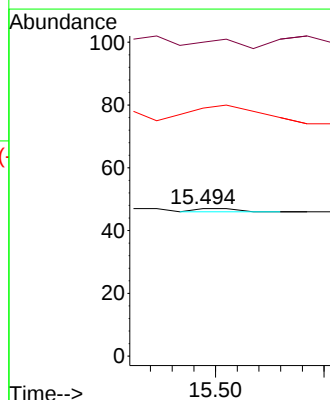
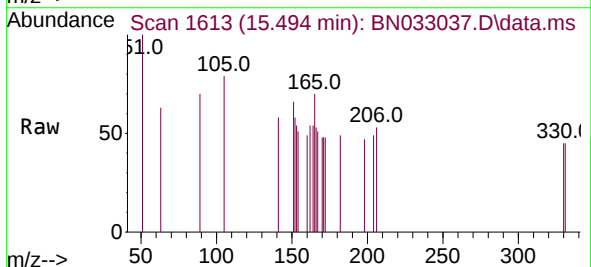
Tgt Ion:198 Resp: 1

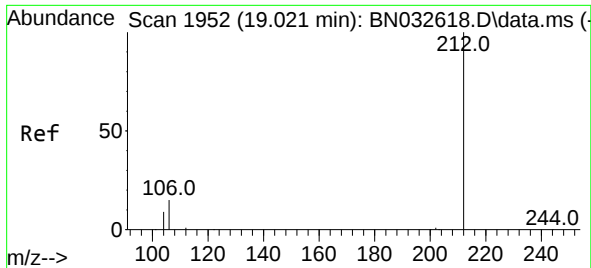
Ion Ratio Lower Upper

198 100

51 212.8 105.7 158.5#

105 168.1 63.0 94.6#

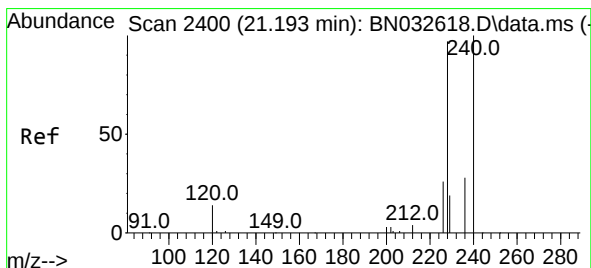
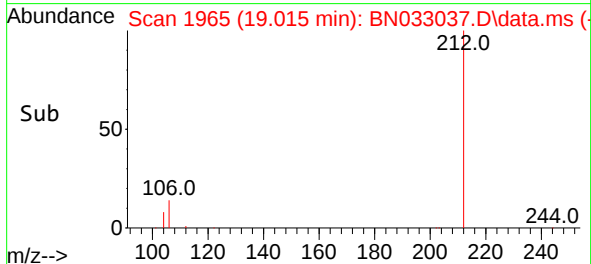
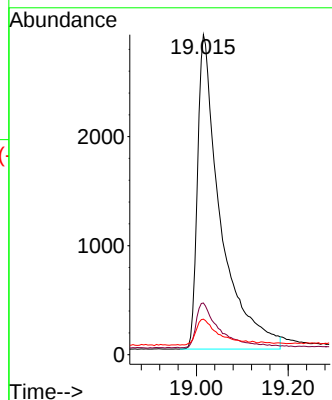
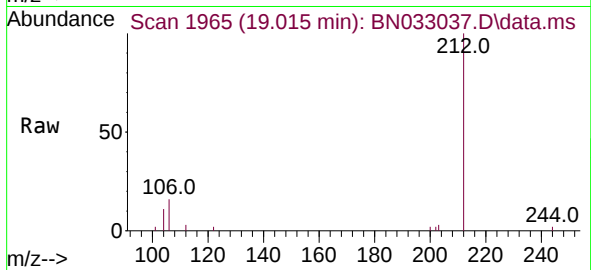




#27
Fluoranthene-d10
Concen: 0.437 ng
RT: 19.015 min Scan# 1952
Delta R.T. 0.022 min
Lab File: BN033037.D
Acq: 27 Jul 2024 17:50

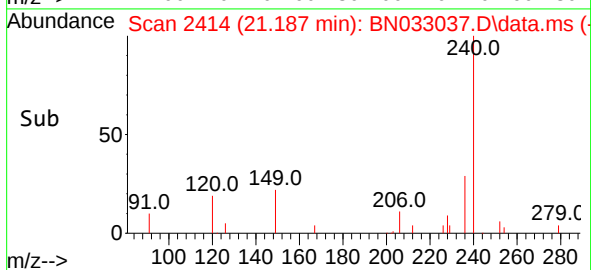
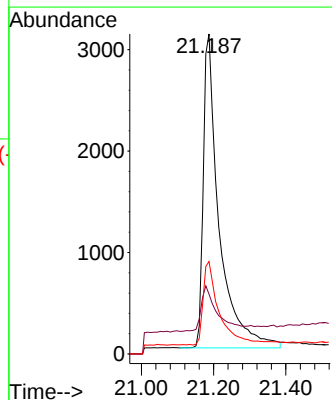
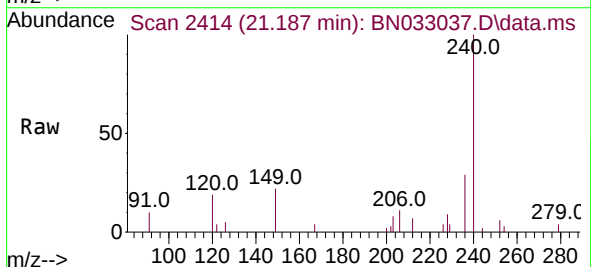
Instrument :
BNA_N
ClientSampleId :
PB162294BL

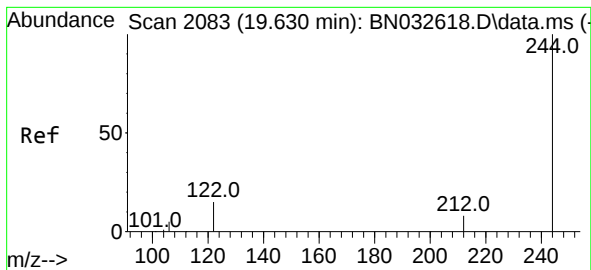
Tgt Ion:212 Resp: 9998
Ion Ratio Lower Upper
212 100
106 14.8 11.9 17.9
104 8.1 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.187 min Scan# 2414
Delta R.T. 0.021 min
Lab File: BN033037.D
Acq: 27 Jul 2024 17:50

Tgt Ion:240 Resp: 9420
Ion Ratio Lower Upper
240 100
120 18.7 14.8 22.2
236 28.9 23.3 34.9

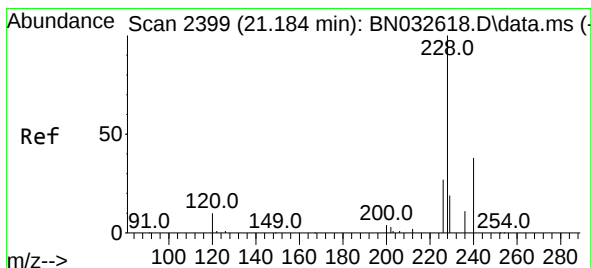
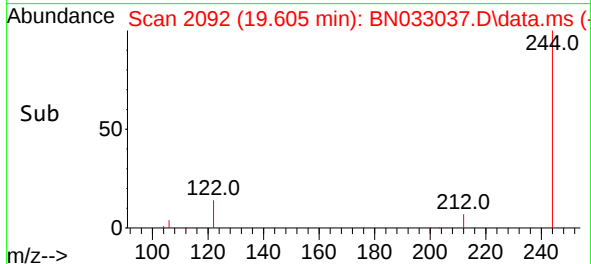
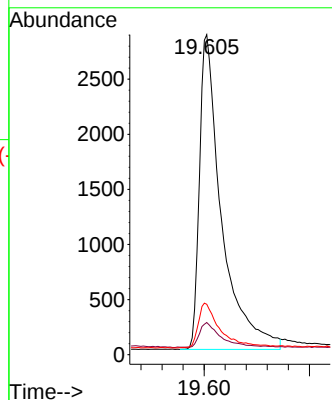
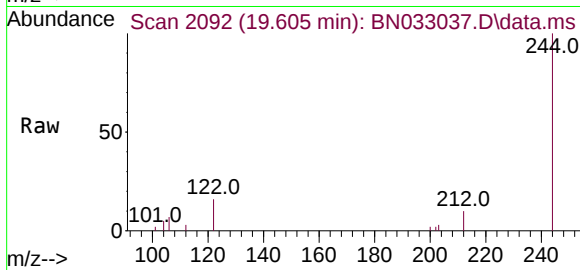




#31
Terphenyl-d14
Concen: 0.431 ng
RT: 19.605 min Scan# 2083
Delta R.T. 0.012 min
Lab File: BN033037.D
Acq: 27 Jul 2024 17:50

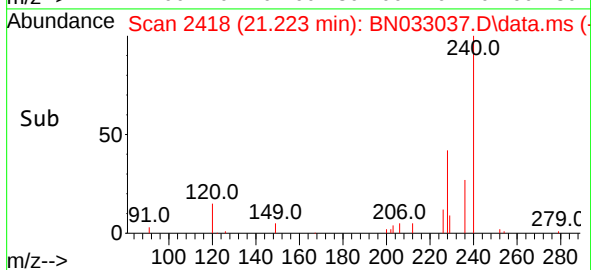
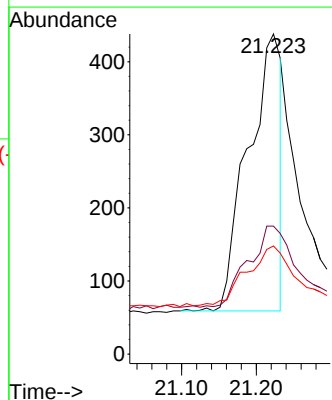
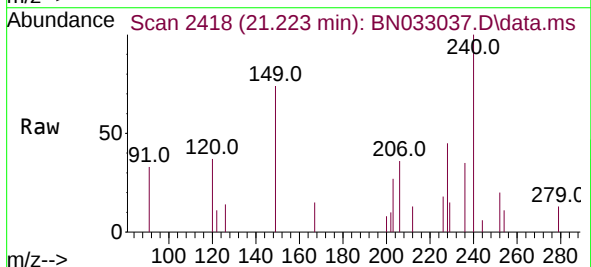
Instrument :
BNA_N
ClientSampleId :
PB162294BL

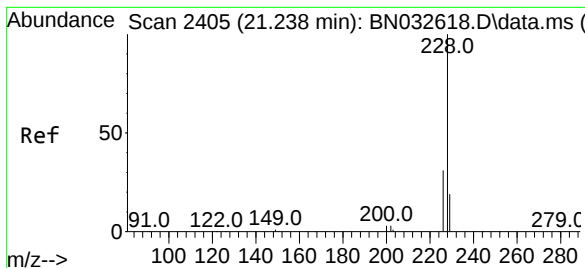
Tgt Ion:244 Resp: 8317
Ion Ratio Lower Upper
244 100
212 10.1 7.5 11.3
122 15.7 12.6 19.0



#32
Benzo(a)anthracene
Concen: 0.039 ng
RT: 21.223 min Scan# 2418
Delta R.T. 0.075 min
Lab File: BN033037.D
Acq: 27 Jul 2024 17:50

Tgt Ion:228 Resp: 1163
Ion Ratio Lower Upper
228 100
226 40.0 21.8 32.6#
229 33.8 16.0 24.0#





#33

Chrysene

Concen: 0.050 ng

RT: 21.223 min Scan# 2418

Delta R.T. 0.021 min

Lab File: BN033037.D

Acq: 27 Jul 2024 17:50

Instrument :

BNA_N

ClientSampleId :

PB162294BL

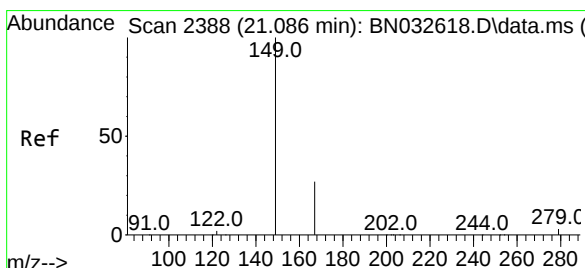
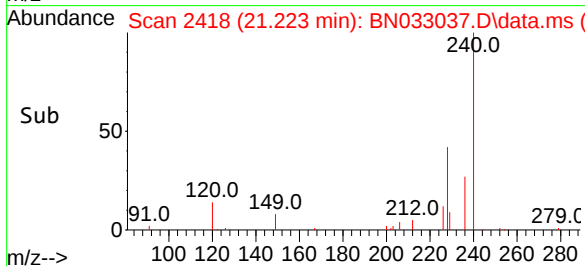
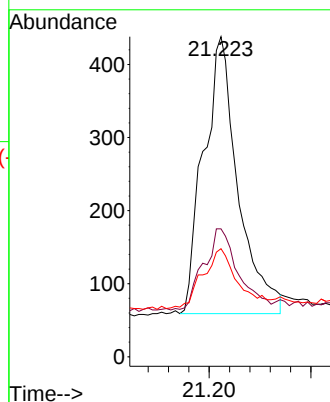
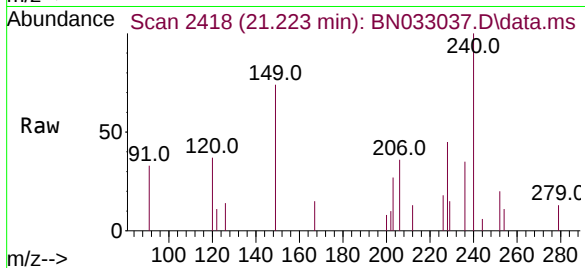
Tgt Ion:228 Resp: 1777

Ion Ratio Lower Upper

228 100

226 40.0 24.2 36.2#

229 33.8 16.0 24.0#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.158 ng

RT: 21.035 min Scan# 2397

Delta R.T. -0.015 min

Lab File: BN033037.D

Acq: 27 Jul 2024 17:50

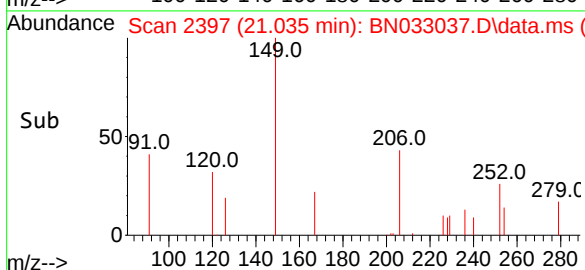
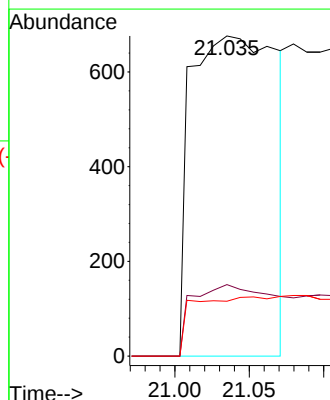
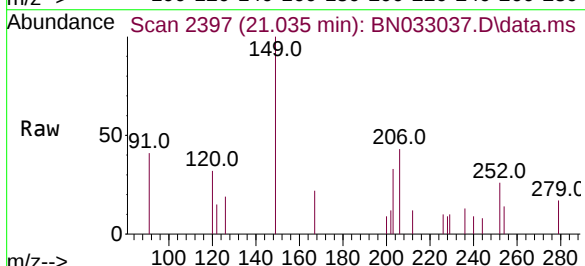
Tgt Ion:149 Resp: 2609

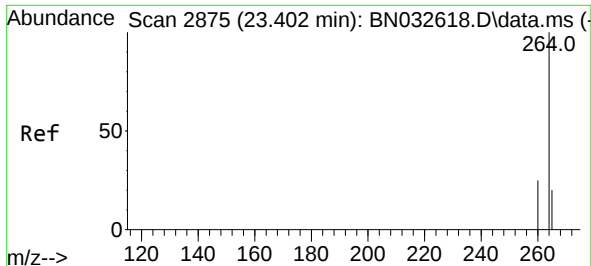
Ion Ratio Lower Upper

149 100

167 23.4 21.4 32.2

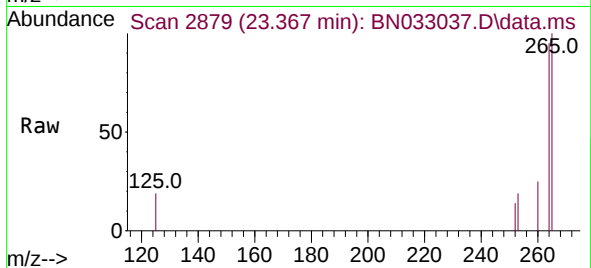
279 16.0 2.8 4.2#



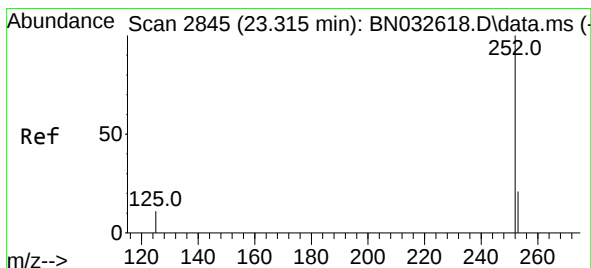
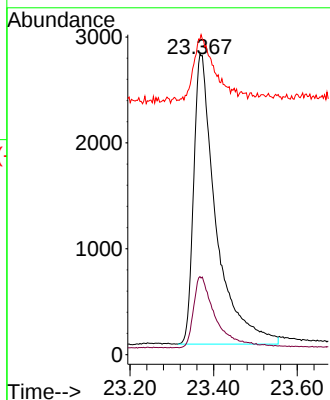


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.367 min Scan# 2879
Delta R.T. 0.009 min
Lab File: BN033037.D
Acq: 27 Jul 2024 17:50

Instrument :
BNA_N
ClientSampleId :
PB162294BL



Tgt Ion:264 Resp: 10162
Ion Ratio Lower Upper
264 100
260 26.0 20.9 31.3
265 104.9 85.4 128.2



#39
Benzo(a)pyrene
Concen: 0.021 ng
RT: 23.312 min Scan# 2860
Delta R.T. 0.044 min
Lab File: BN033037.D
Acq: 27 Jul 2024 17:50

Tgt Ion:252 Resp: 674
Ion Ratio Lower Upper
252 100
253 111.5 25.8 38.8#
125 117.3 21.4 32.2#

