

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029966.D
 Acq On : 23 Feb 2024 20:51
 Operator : MA/JU
 Sample : P1507-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20240214

Quant Time: Feb 24 02:23:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 23:52:05 2024
 Response via : Initial Calibration

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

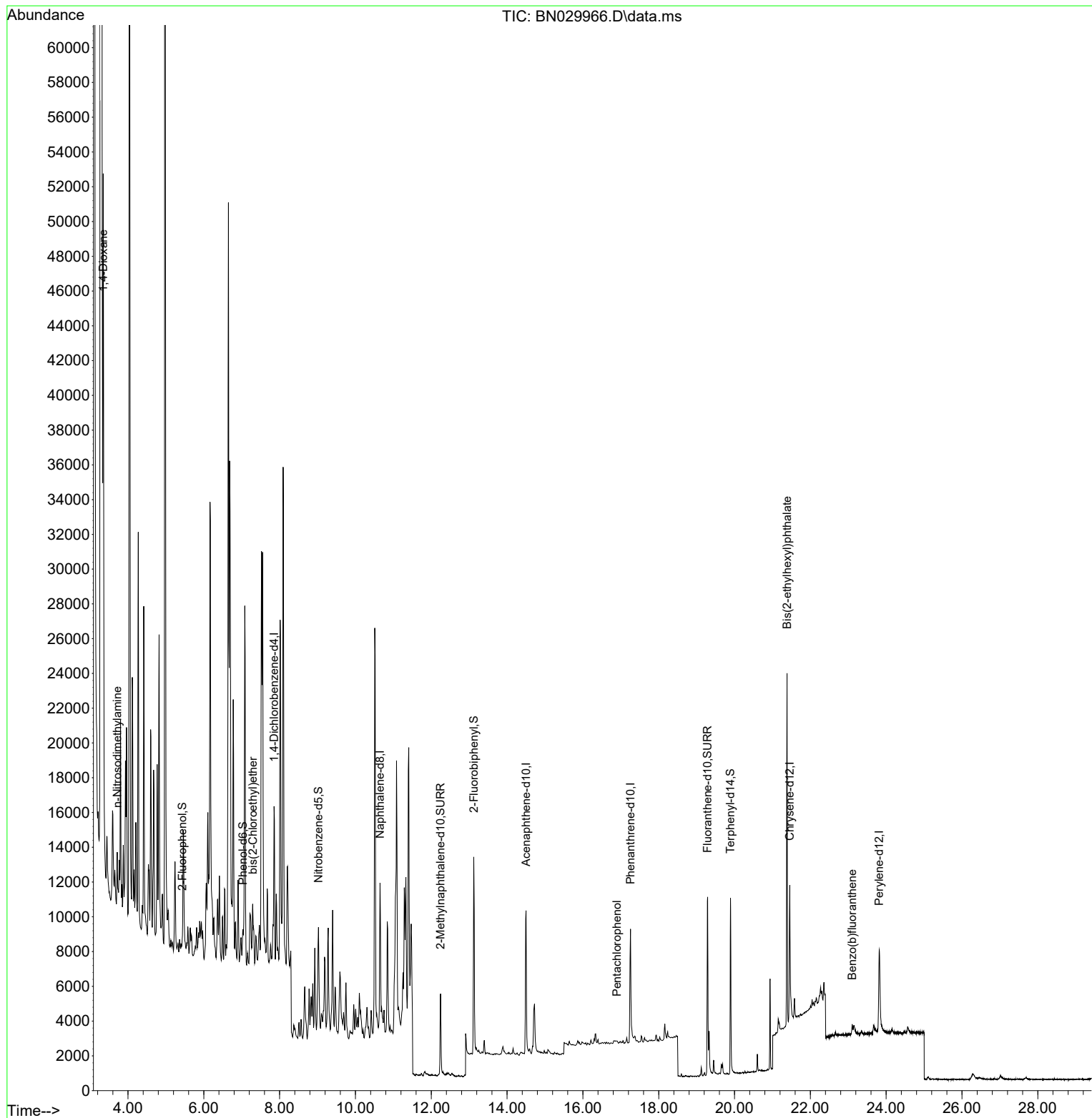
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4686	0.400	ng	-0.01
7) Naphthalene-d8	10.648	136	12125	0.400	ng	#-0.02
13) Acenaphthene-d10	14.500	164	5739	0.400	ng	-0.01
19) Phenanthrene-d10	17.255	188	10922	0.400	ng	0.00
29) Chrysene-d12	21.456	240	9408	0.400	ng	# 0.00
35) Perylene-d12	23.818	264	8830	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	442	0.039	ng	0.00
5) Phenol-d6	7.031	99	1290	0.099	ng	0.00
8) Nitrobenzene-d5	9.025	82	4813	0.477	ng	-0.01
11) 2-Methylnaphthalene-d10	12.246	152	6771	0.410	ng	-0.01
14) 2,4,6-Tribromophenol	16.002	330	14	0.008	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	10645	0.432	ng	-0.01
27) Fluoranthene-d10	19.289	212	12947	0.489	ng	0.00
31) Terphenyl-d14	19.893	244	10756	0.461	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	18412	2.791	ng	# 93
3) n-Nitrosodimethylamine	3.716	42	800	0.149	ng	# 1
6) bis(2-Chloroethyl)ether	7.298	93	584	0.047	ng	# 75
24) Pentachlorophenol	16.895	266	122	0.048	ng	# 30
34) Bis(2-ethylhexyl)phtha...	21.384	149	18440	0.842	ng	99
37) Benzo(b)fluoranthene	23.104	252	837	0.027	ng	# 1

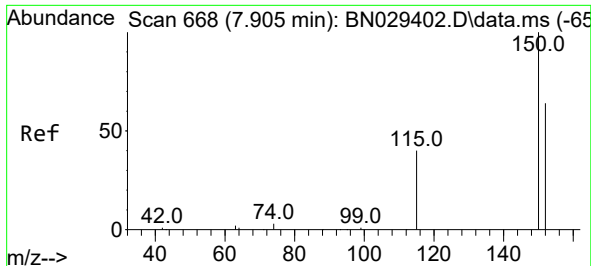
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
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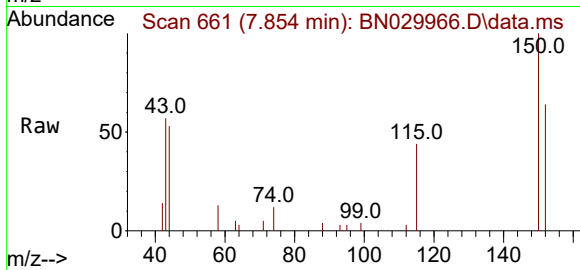
Quant Time: Feb 24 02:23:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
Response via : Initial Calibration



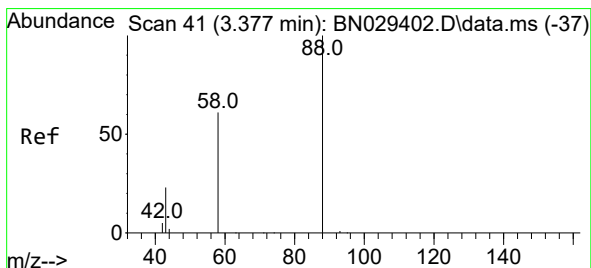
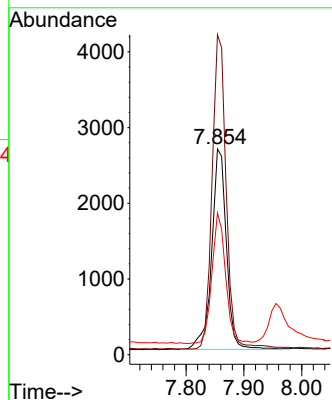
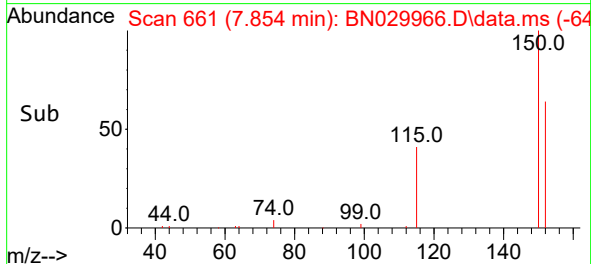


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 6
 Delta R.T. -0.015 min
 Lab File: BN029966.D
 Acq: 23 Feb 2024 20:51

Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20240214

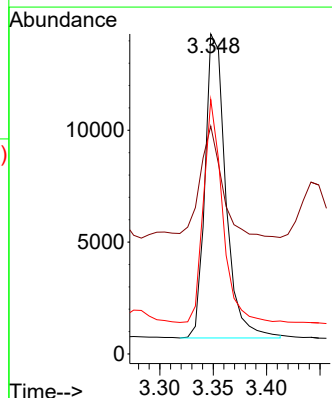
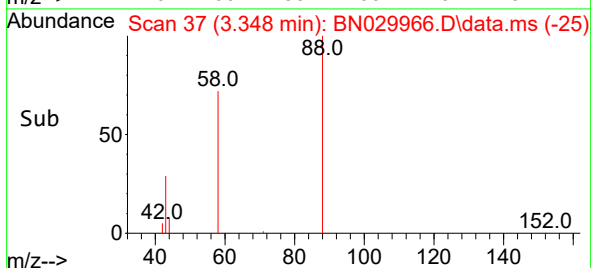
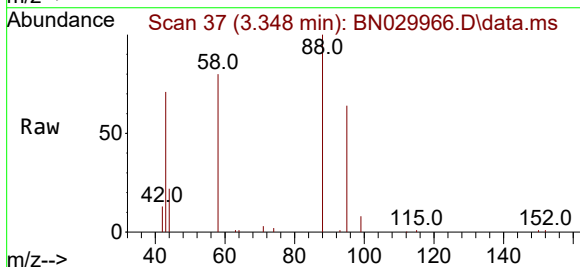


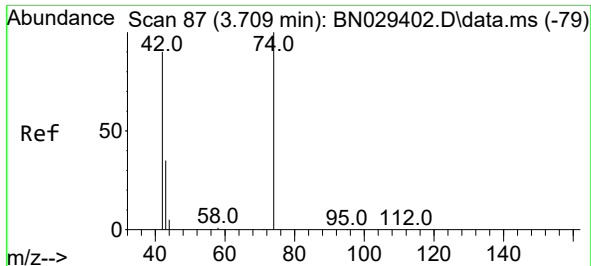
Tgt Ion:152 Resp: 4686
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.0 184.4
 115 68.9 51.4 77.0



#2
 1,4-Dioxane
 Concen: 2.791 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.014 min
 Lab File: BN029966.D
 Acq: 23 Feb 2024 20:51

Tgt Ion: 88 Resp: 18412
 Ion Ratio Lower Upper
 88 100
 43 41.9 23.3 34.9#
 58 67.1 53.8 80.6

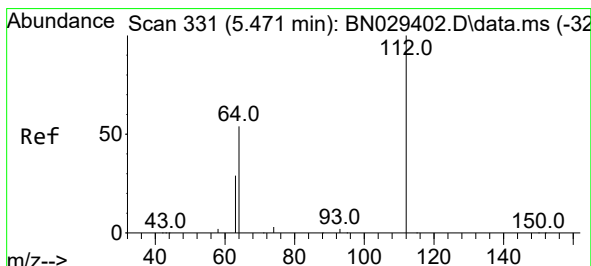
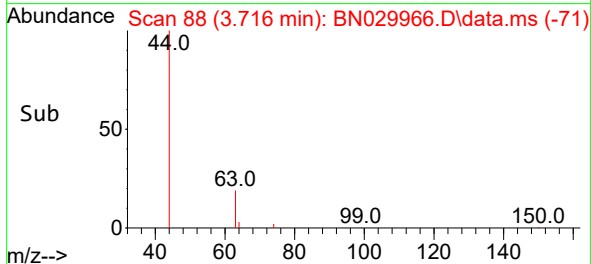
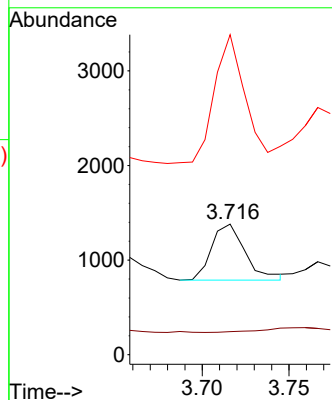
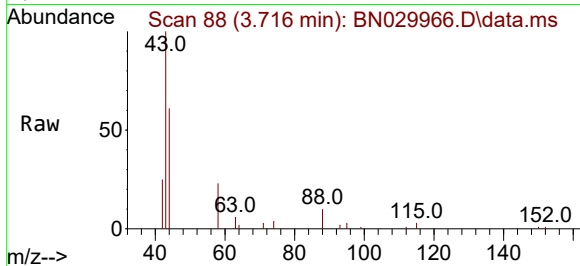




#3
n-Nitrosodimethylamine
Concen: 0.149 ng
RT: 3.716 min Scan# 81
Delta R.T. 0.022 min
Lab File: BN029966.D
Acq: 23 Feb 2024 20:51

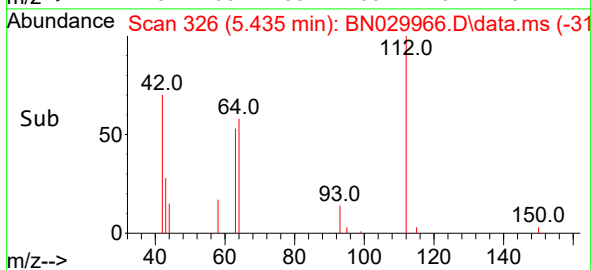
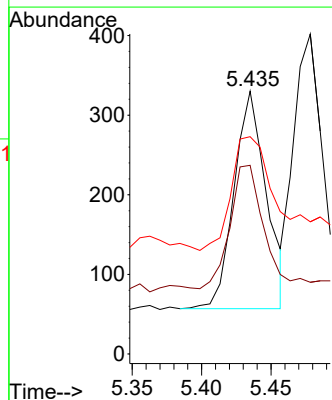
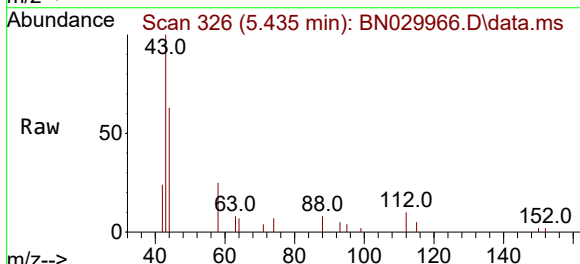
Instrument :
BNA_N
ClientSampleId :
RE132D7-20240214

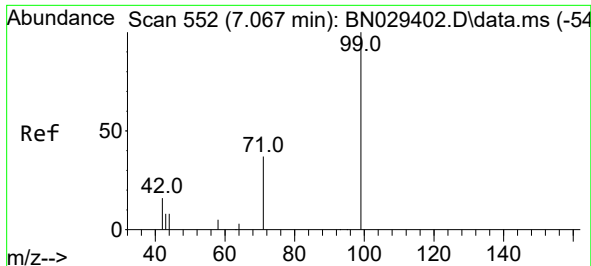
Tgt Ion: 42 Resp: 800
Ion Ratio Lower Upper
42 100
74 0.0 93.7 140.5#
44 209.5 13.0 19.4#



#4
2-Fluorophenol
Concen: 0.039 ng
RT: 5.435 min Scan# 326
Delta R.T. -0.007 min
Lab File: BN029966.D
Acq: 23 Feb 2024 20:51

Tgt Ion: 112 Resp: 442
Ion Ratio Lower Upper
112 100
64 60.2 47.2 70.8
63 90.5 25.8 38.6#

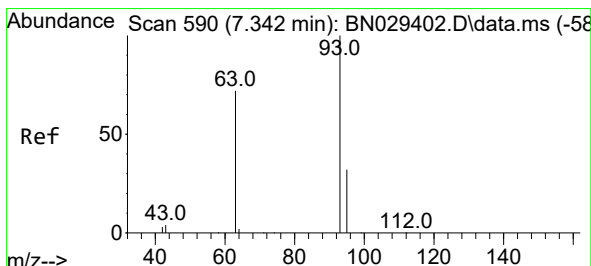
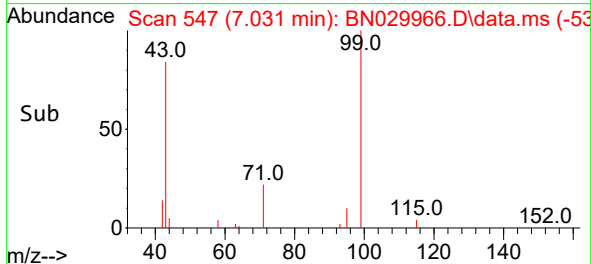
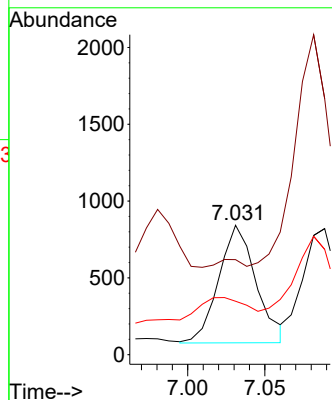
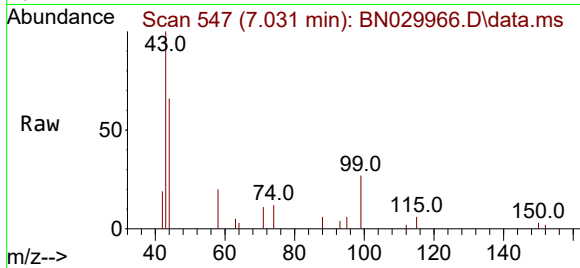




#5
Phenol-d6
Concen: 0.099 ng
RT: 7.031 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN029966.D
Acq: 23 Feb 2024 20:51

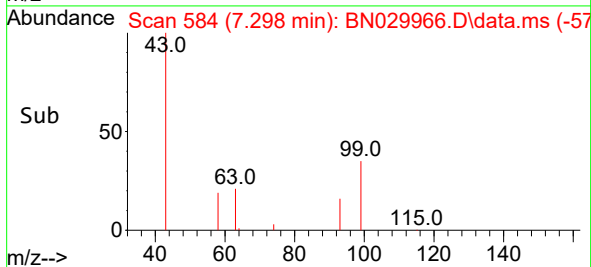
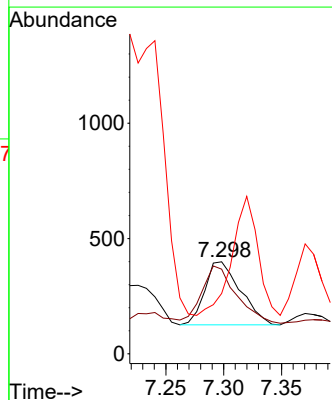
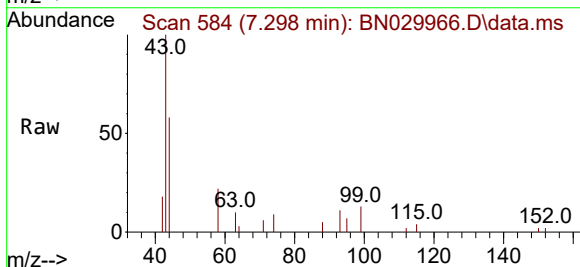
Instrument :
BNA_N
ClientSampleId :
RE132D7-20240214

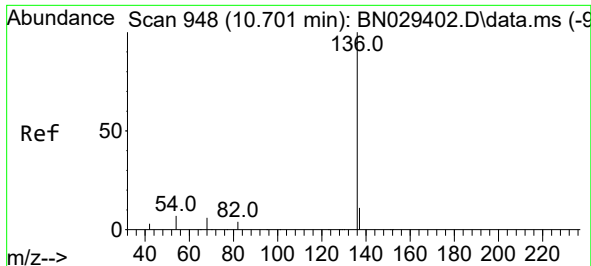
Tgt Ion: 99 Resp: 1290
Ion Ratio Lower Upper
99 100
42 12.9 16.9 25.3#
71 45.2 30.0 45.0#



#6
bis(2-Chloroethyl)ether
Concen: 0.047 ng
RT: 7.298 min Scan# 584
Delta R.T. -0.007 min
Lab File: BN029966.D
Acq: 23 Feb 2024 20:51

Tgt Ion: 93 Resp: 584
Ion Ratio Lower Upper
93 100
63 87.5 63.1 94.7
95 0.0 27.1 40.7#

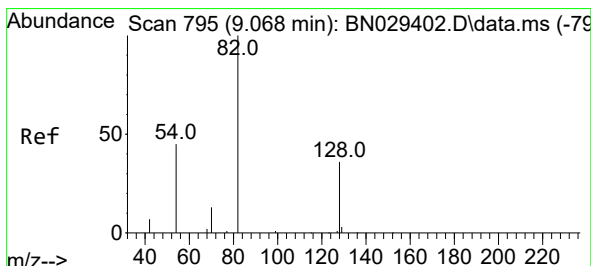
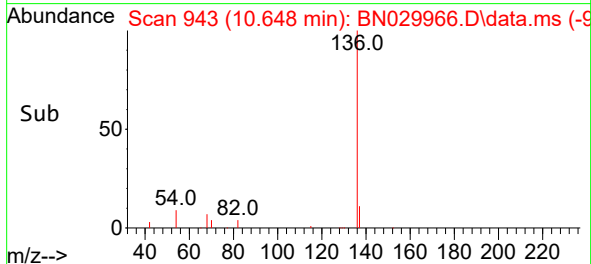
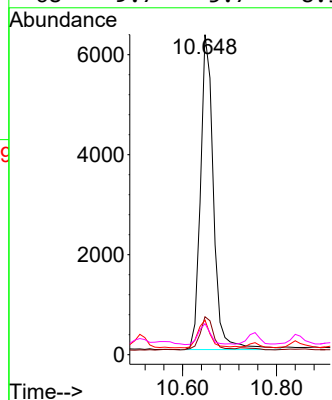
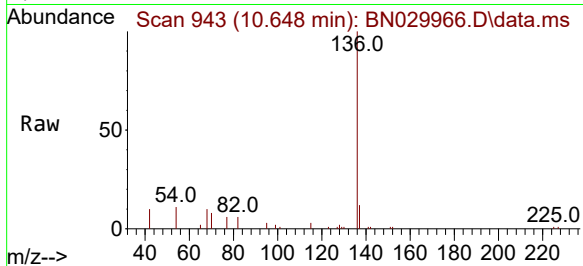




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 948
Delta R.T. -0.021 min
Lab File: BN029966.D
Acq: 23 Feb 2024 20:51

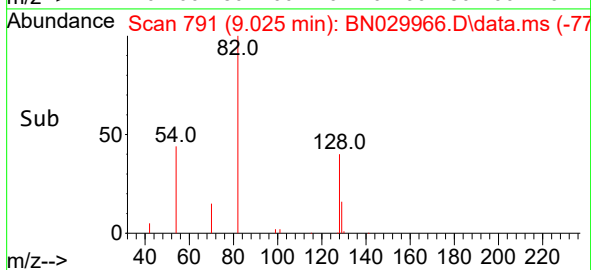
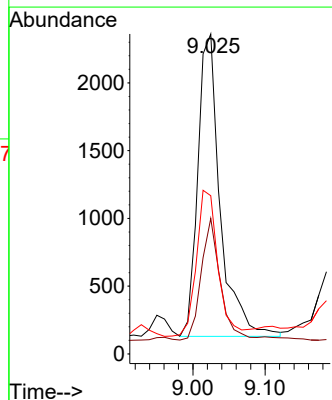
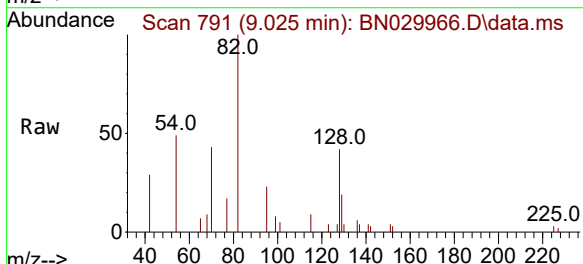
Instrument :
BNA_N
ClientSampleId :
RE132D7-20240214

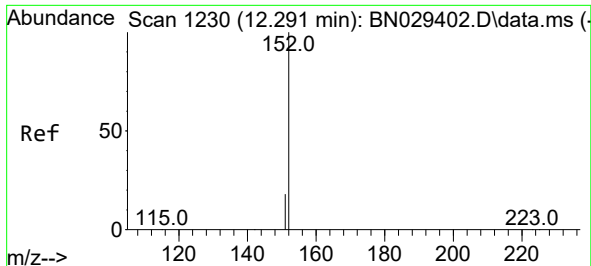
Tgt Ion:	136	Resp:	12125
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.7	14.5
54	10.8	6.6	10.0#
68	9.7	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.477 ng
RT: 9.025 min Scan# 791
Delta R.T. -0.011 min
Lab File: BN029966.D
Acq: 23 Feb 2024 20:51

Tgt Ion:	82	Resp:	4813
Ion	Ratio	Lower	Upper
82	100		
128	42.4	31.6	47.4
54	49.5	38.2	57.4

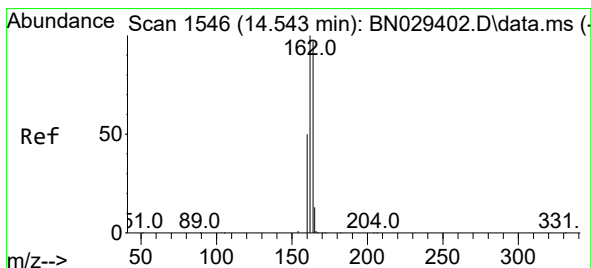
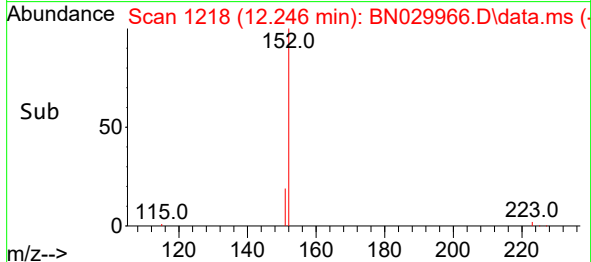
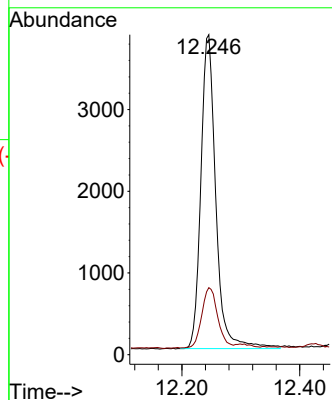
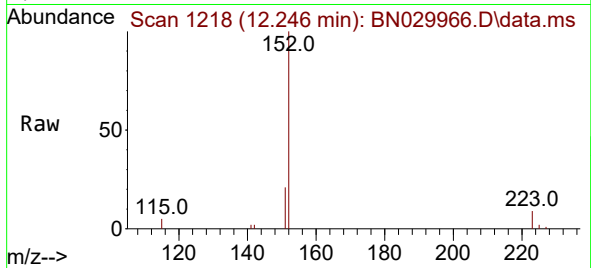




#11
2-Methylnaphthalene-d10
Concen: 0.410 ng
RT: 12.246 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN029966.D
Acq: 23 Feb 2024 20:51

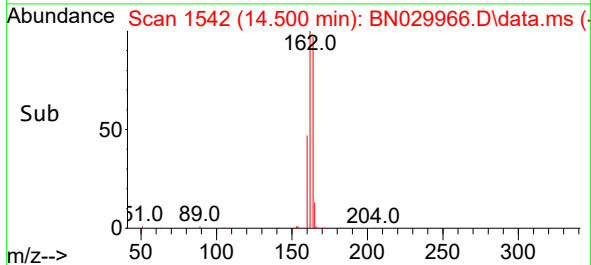
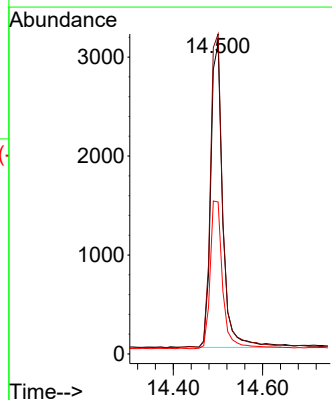
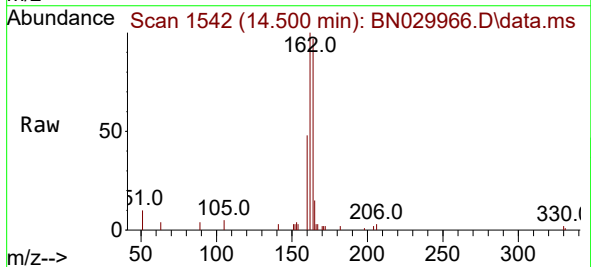
Instrument :
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RE132D7-20240214

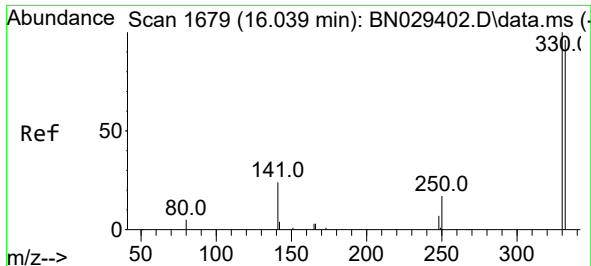
Tgt Ion:152 Resp: 6771
Ion Ratio Lower Upper
152 100
151 20.3 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. -0.011 min
Lab File: BN029966.D
Acq: 23 Feb 2024 20:51

Tgt Ion:164 Resp: 5739
Ion Ratio Lower Upper
164 100
162 103.1 82.6 123.8
160 49.0 41.5 62.3

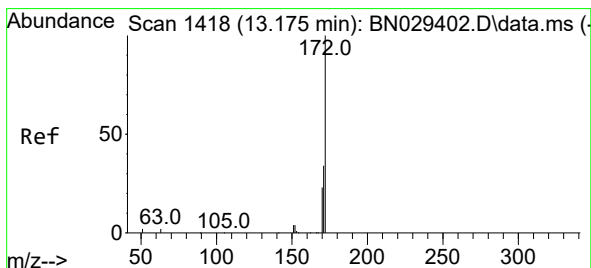
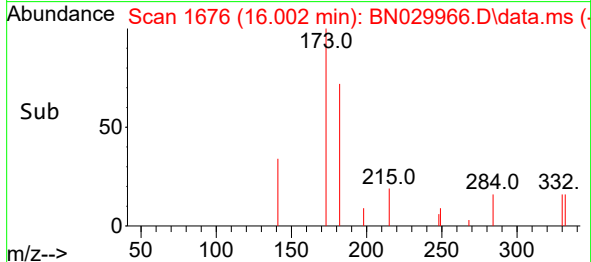
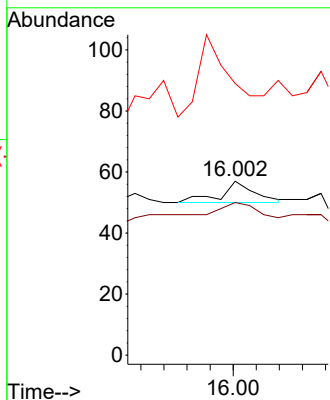
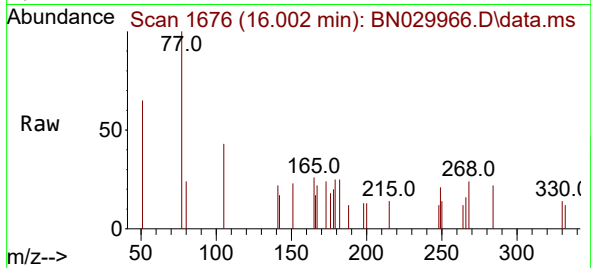




#14
2,4,6-Tribromophenol
Concen: 0.008 ng
RT: 16.002 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029966.D
Acq: 23 Feb 2024 20:51

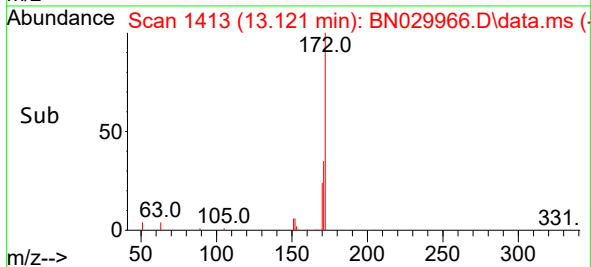
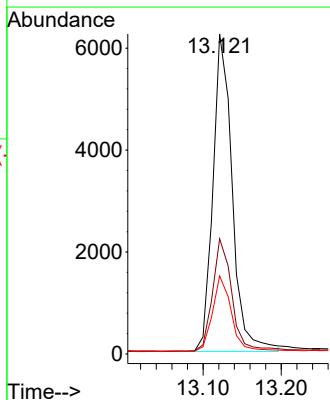
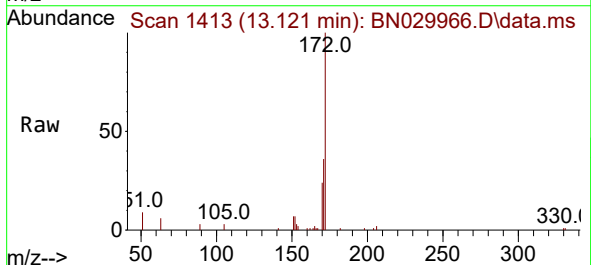
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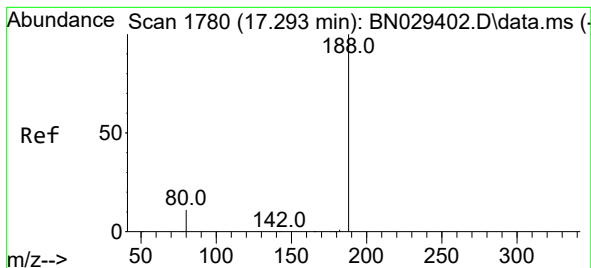
Tgt Ion:330 Resp: 14
Ion Ratio Lower Upper
330 100
332 71.4 76.0 114.0#
141 0.0 43.4 65.2#



#15
2-Fluorobiphenyl
Concen: 0.432 ng
RT: 13.121 min Scan# 1413
Delta R.T. -0.011 min
Lab File: BN029966.D
Acq: 23 Feb 2024 20:51

Tgt Ion:172 Resp: 10645
Ion Ratio Lower Upper
172 100
171 36.0 28.0 42.0
170 24.4 18.7 28.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN029966.D

Acq: 23 Feb 2024 20:51

Instrument :

BNA_N

ClientSampleId :

RE132D7-20240214

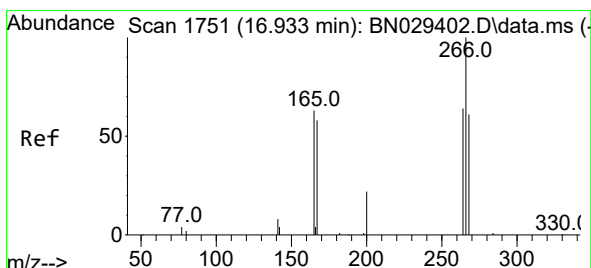
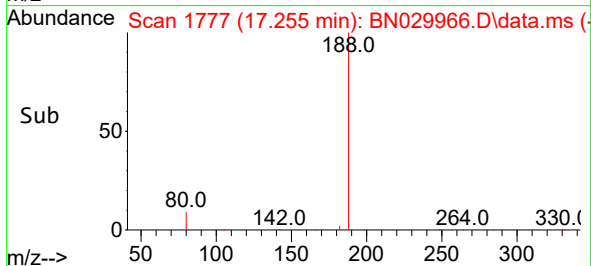
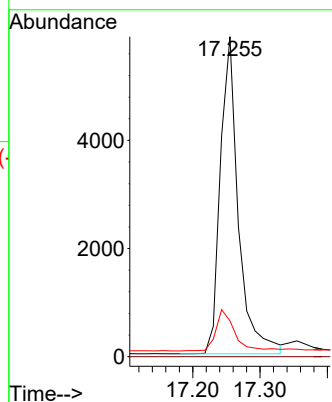
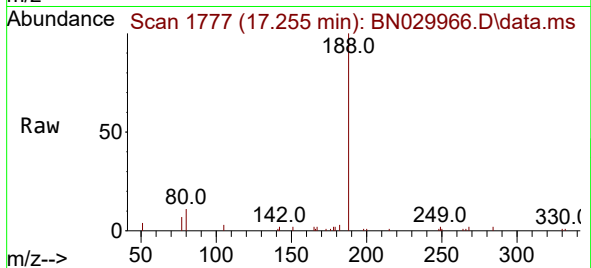
Tgt Ion:188 Resp: 10922

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.2 10.0 15.0



#24

Pentachlorophenol

Concen: 0.048 ng

RT: 16.895 min Scan# 1748

Delta R.T. -0.012 min

Lab File: BN029966.D

Acq: 23 Feb 2024 20:51

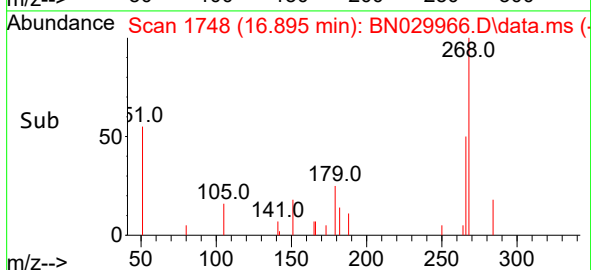
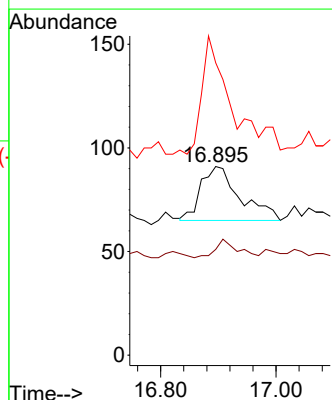
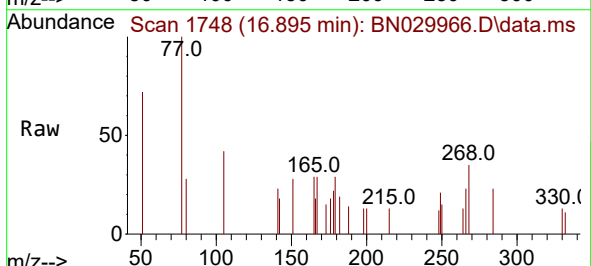
Tgt Ion:266 Resp: 122

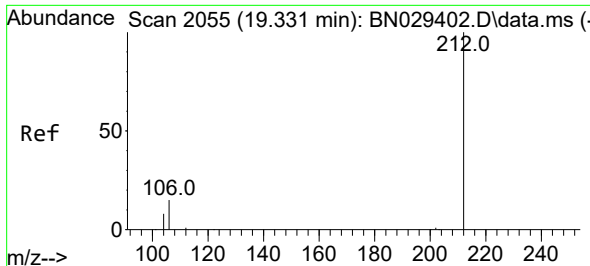
Ion Ratio Lower Upper

266 100

264 18.9 50.8 76.2#

268 0.0 51.5 77.3#

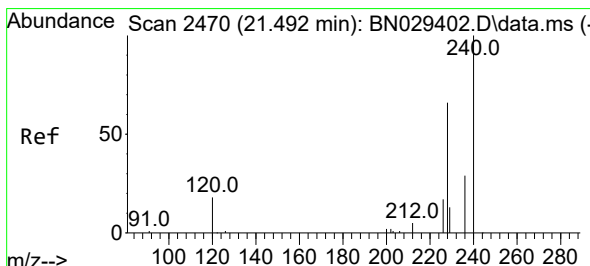
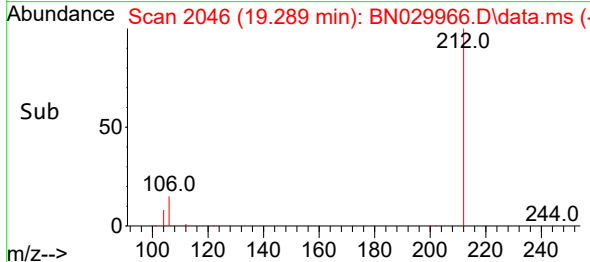
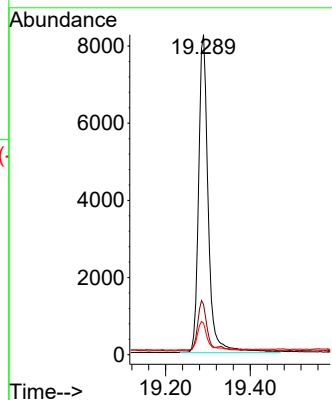
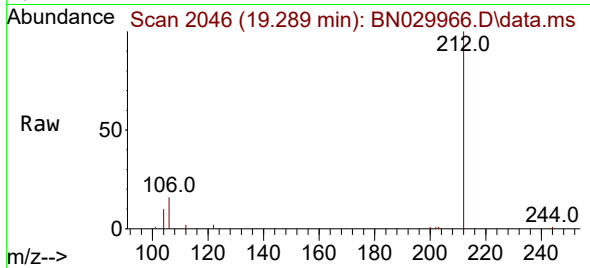




#27
Fluoranthene-d10
Concen: 0.489 ng
RT: 19.289 min Scan# 2046
Delta R.T. -0.009 min
Lab File: BN029966.D
Acq: 23 Feb 2024 20:51

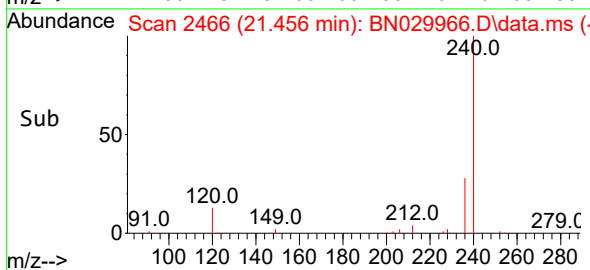
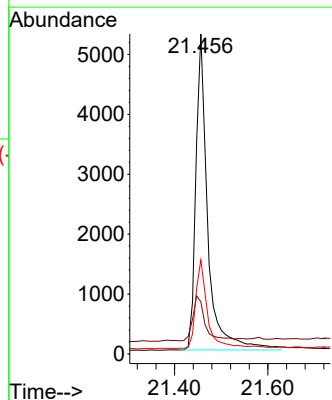
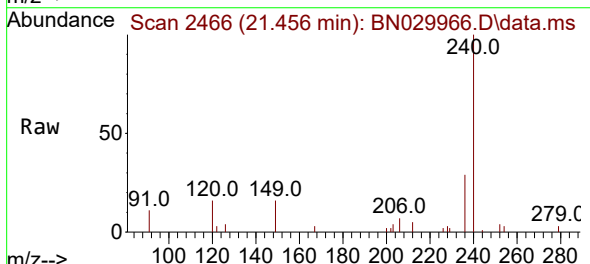
Instrument :
BNA_N
ClientSampleId :
RE132D7-20240214

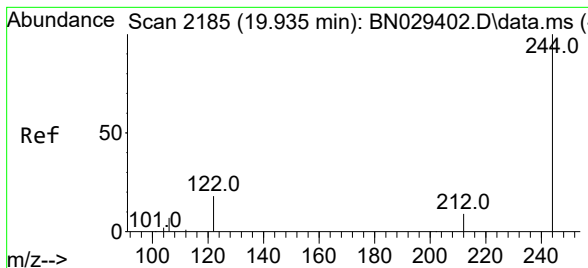
Tgt Ion:212 Resp: 12947
Ion Ratio Lower Upper
212 100
106 14.7 13.2 19.8
104 9.3 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. -0.009 min
Lab File: BN029966.D
Acq: 23 Feb 2024 20:51

Tgt Ion:240 Resp: 9408
Ion Ratio Lower Upper
240 100
120 16.3 16.7 25.1#
236 29.4 23.9 35.9





#31

Terphenyl-d14

Concen: 0.461 ng

RT: 19.893 min Scan# 2185

Delta R.T. -0.014 min

Lab File: BN029966.D

Acq: 23 Feb 2024 20:51

Instrument :

BNA_N

ClientSampleId :

RE132D7-20240214

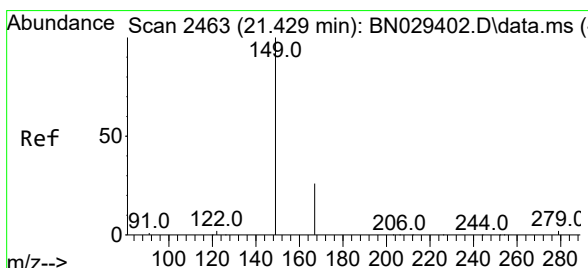
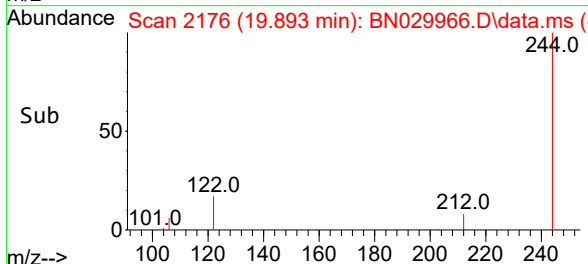
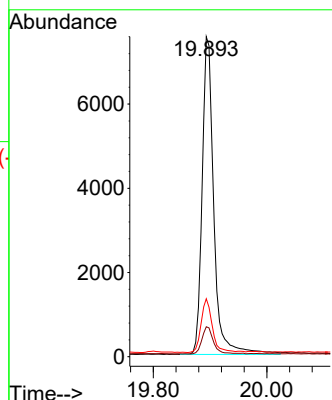
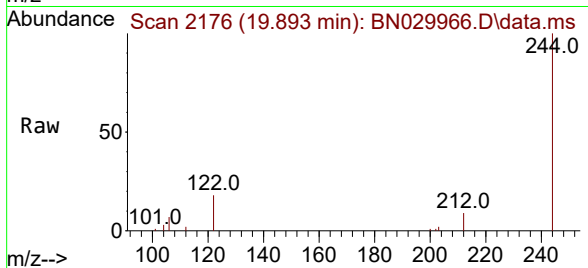
Tgt Ion:244 Resp: 10756

Ion Ratio Lower Upper

244 100

212 9.4 8.2 12.4

122 18.1 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.842 ng

RT: 21.384 min Scan# 2458

Delta R.T. -0.009 min

Lab File: BN029966.D

Acq: 23 Feb 2024 20:51

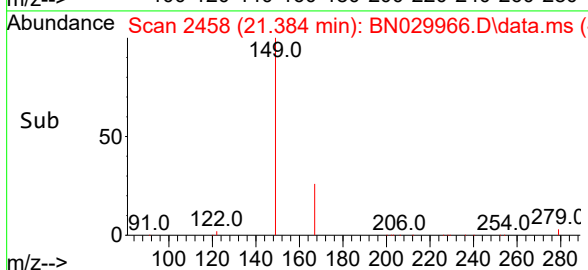
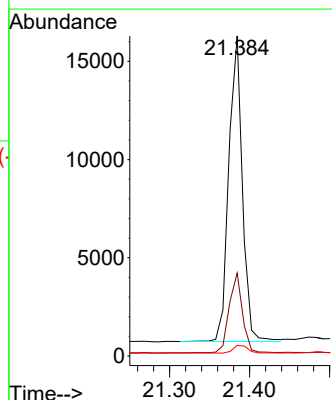
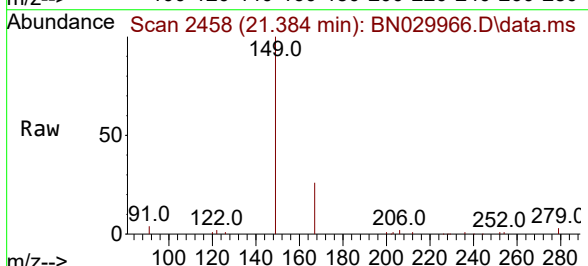
Tgt Ion:149 Resp: 18440

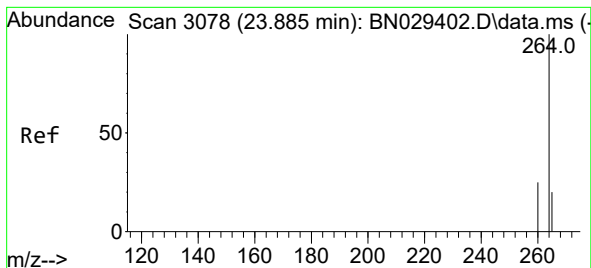
Ion Ratio Lower Upper

149 100

167 25.5 20.1 30.1

279 2.8 2.5 3.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.818 min Scan# 3078

Delta R.T. -0.015 min

Lab File: BN029966.D

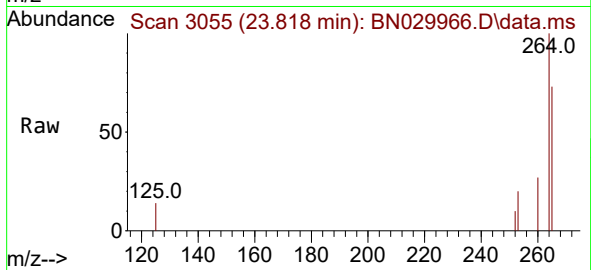
Acq: 23 Feb 2024 20:51

Instrument :

BNA_N

ClientSampleId :

RE132D7-20240214



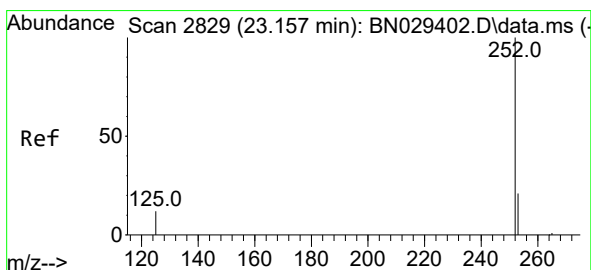
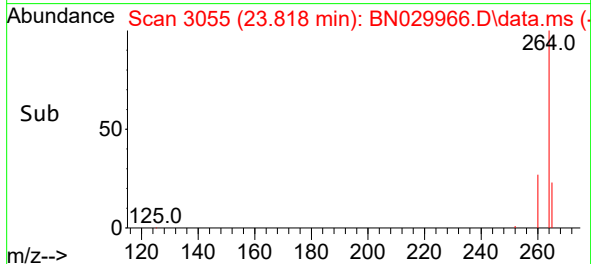
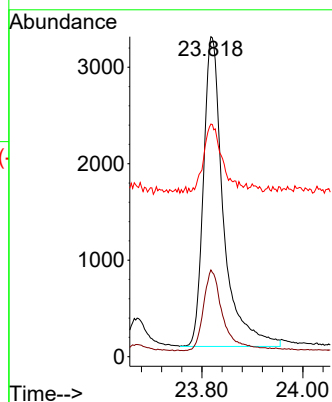
Tgt Ion:264 Resp: 8830

Ion Ratio Lower Upper

264 100

260 27.1 21.2 31.8

265 72.7 41.5 62.3#



#37

Benzo(b)fluoranthene

Concen: 0.027 ng

RT: 23.104 min Scan# 2811

Delta R.T. -0.006 min

Lab File: BN029966.D

Acq: 23 Feb 2024 20:51

Tgt Ion:252 Resp: 837

Ion Ratio Lower Upper

252 100

253 98.3 21.7 32.5#

125 71.3 13.3 19.9#

