

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029036.D
 Acq On : 04 Dec 2023 02:26
 Operator : MA/JU
 Sample : 05428-02
 Misc :
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20231113

Quant Time: Dec 04 03:00:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 00:28:48 2023
 Response via : Initial Calibration

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

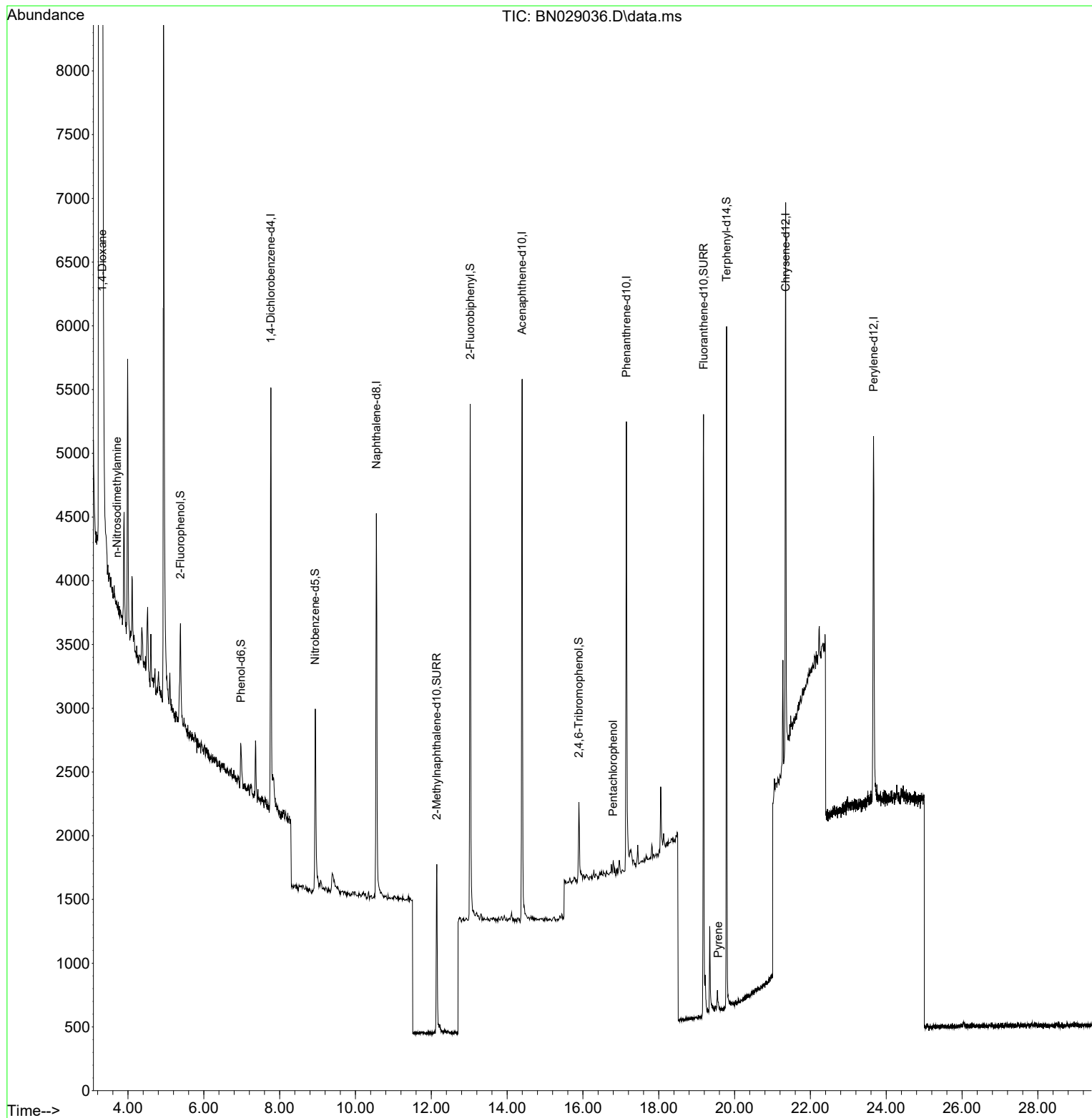
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	1540	0.400	ng	-0.01
7) Naphthalene-d8	10.552	136	4141	0.400	ng	#-0.01
13) Acenaphthene-d10	14.396	164	2561	0.400	ng	-0.01
19) Phenanthrene-d10	17.147	188	5293	0.400	ng	-0.01
29) Chrysene-d12	21.347	240	4287	0.400	ng	# 0.00
35) Perylene-d12	23.667	264	4142	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	499	0.107	ng	-0.01
5) Phenol-d6	6.981	99	300	0.058	ng	0.00
8) Nitrobenzene-d5	8.939	82	1425	0.346	ng	-0.01
11) 2-Methylnaphthalene-d10	12.144	152	2000	0.301	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	411	0.238	ng	-0.01
15) 2-Fluorobiphenyl	13.028	172	3673	0.332	ng	-0.01
27) Fluoranthene-d10	19.181	212	5630	0.404	ng	0.00
31) Terphenyl-d14	19.789	244	5332	0.423	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.319	88	9703	6.434	ng	# 93
3) n-Nitrosodimethylamine	3.709	42	24	0.101	ng	# 69
24) Pentachlorophenol	16.799	266	79	0.038	ng	91
30) Pyrene	19.571	202	56	0.096	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.275	149	1063	Below Cal		# 84

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

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RE120D1-20231113

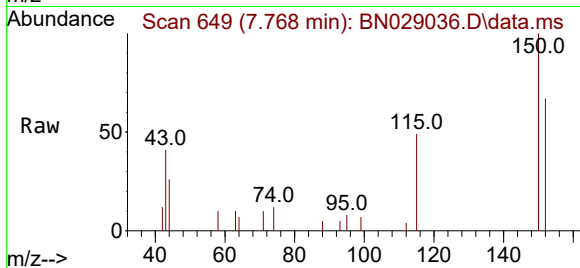
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 00:28:48 2023
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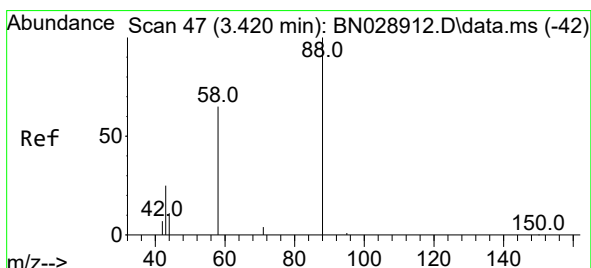
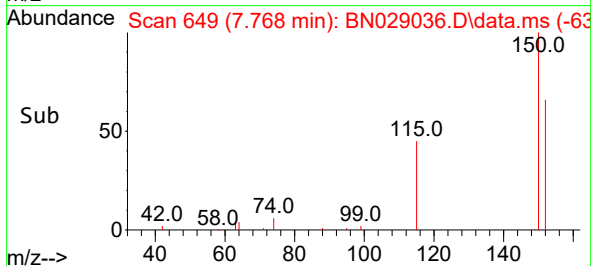
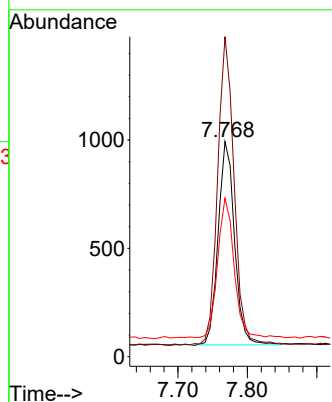


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN029036.D
Acq: 04 Dec 2023 02:26

Instrument :
BNA_N
ClientSampleId :
RE120D1-20231113

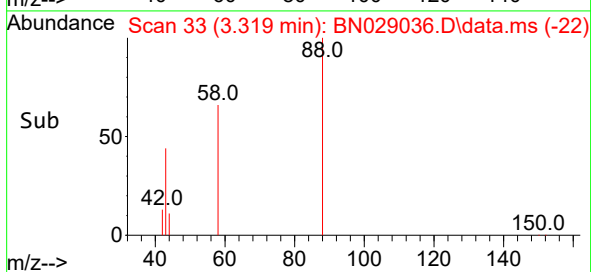
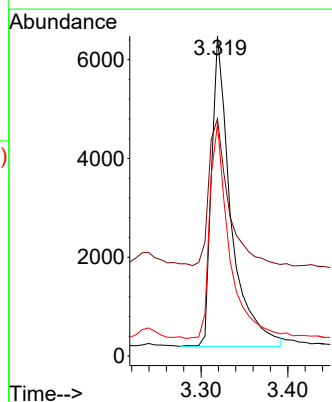
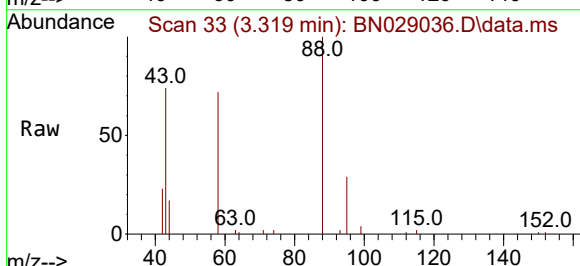


Tgt Ion:152 Resp: 1540
Ion Ratio Lower Upper
152 100
150 148.7 123.4 185.2
115 73.6 59.1 88.7



#2
1,4-Dioxane
Concen: 6.434 ng
RT: 3.319 min Scan# 33
Delta R.T. -0.022 min
Lab File: BN029036.D
Acq: 04 Dec 2023 02:26

Tgt Ion: 88 Resp: 9703
Ion Ratio Lower Upper
88 100
43 48.2 29.9 44.9#
58 69.8 55.0 82.4

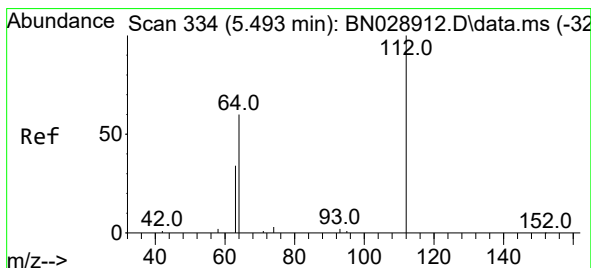
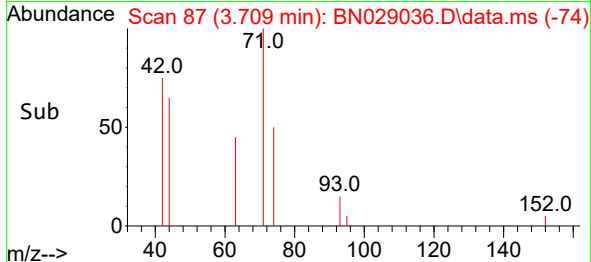
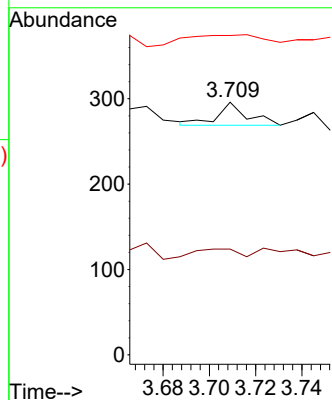
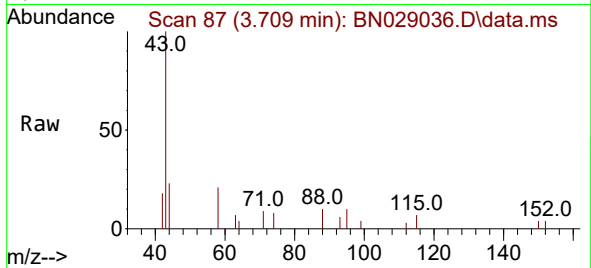




#3
n-Nitrosodimethylamine
Concen: 0.101 ng
RT: 3.709 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN029036.D
Acq: 04 Dec 2023 02:26

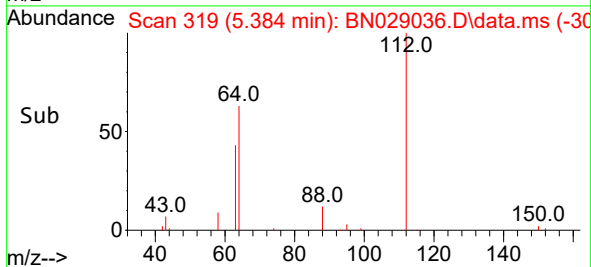
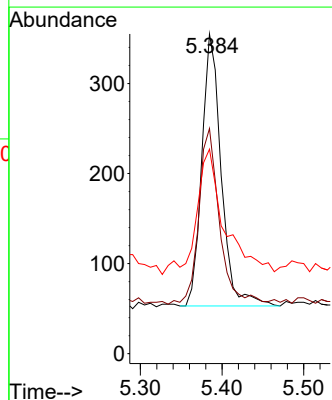
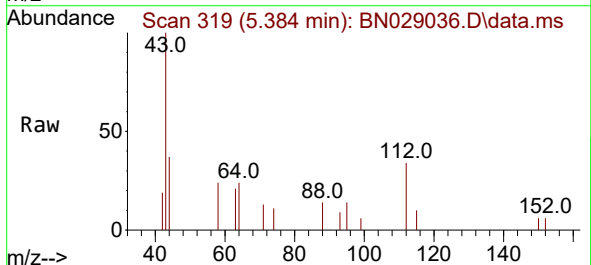
Instrument :
BNA_N
ClientSampleId :
RE120D1-20231113

Tgt Ion: 42 Resp: 24
Ion Ratio Lower Upper
42 100
74 45.8 57.0 85.6#
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.107 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.014 min
Lab File: BN029036.D
Acq: 04 Dec 2023 02:26

Tgt Ion: 112 Resp: 499
Ion Ratio Lower Upper
112 100
64 68.7 51.5 77.3
63 66.5 30.4 45.6#

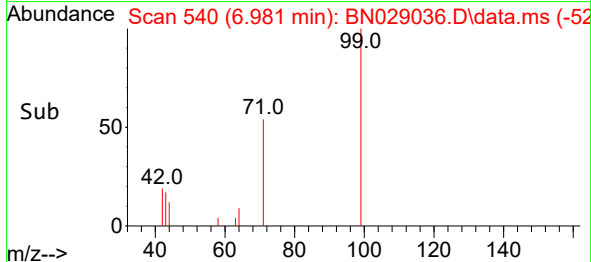
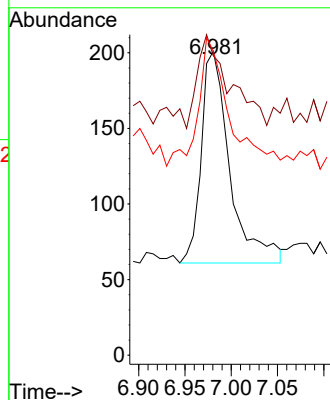
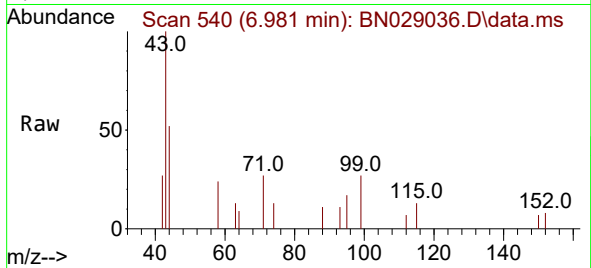




#5
Phenol-d6
Concen: 0.058 ng
RT: 6.981 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN029036.D
Acq: 04 Dec 2023 02:26

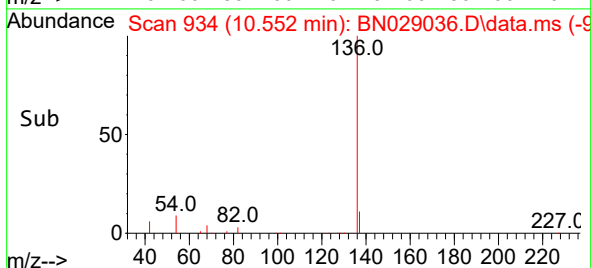
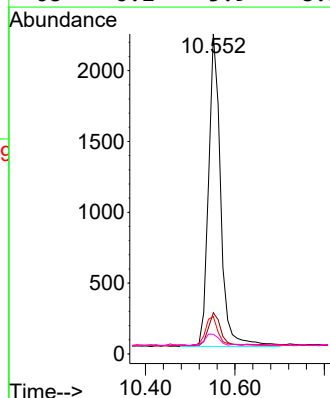
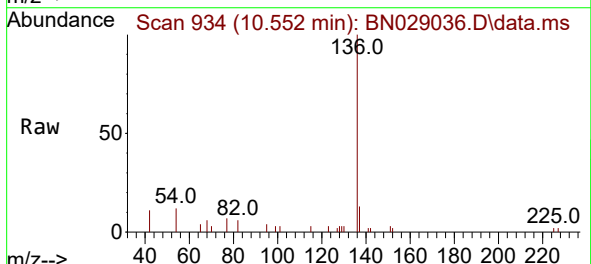
Instrument :
BNA_N
ClientSampleId :
RE120D1-20231113

Tgt Ion: 99 Resp: 300
Ion Ratio Lower Upper
99 100
42 50.7 21.2 31.8#
71 67.3 35.4 53.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.552 min Scan# 934
Delta R.T. -0.011 min
Lab File: BN029036.D
Acq: 04 Dec 2023 02:26

Tgt Ion: 136 Resp: 4141
Ion Ratio Lower Upper
136 100
137 12.9 10.6 16.0
54 11.7 7.5 11.3#
68 6.2 5.9 8.9

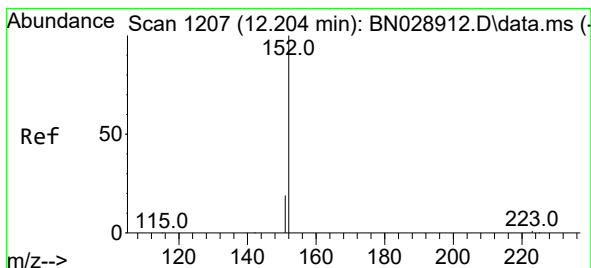
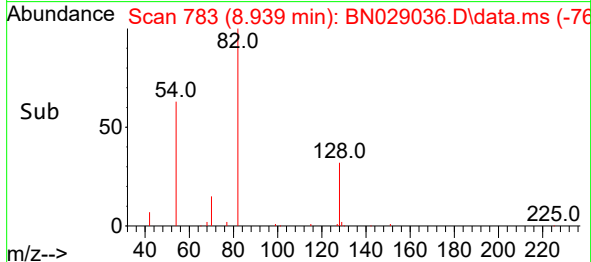
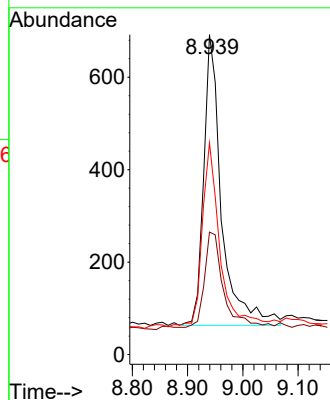
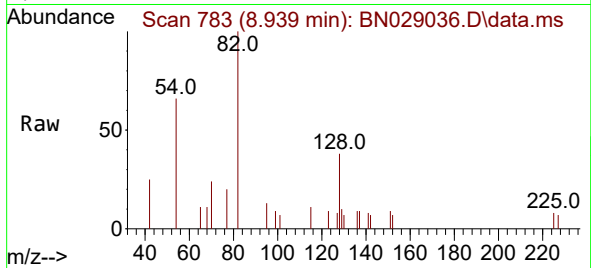




#8
Nitrobenzene-d5
Concen: 0.346 ng
RT: 8.939 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN029036.D
Acq: 04 Dec 2023 02:26

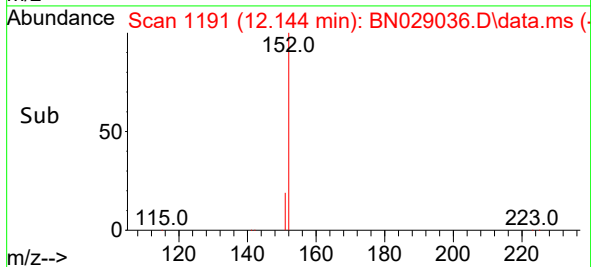
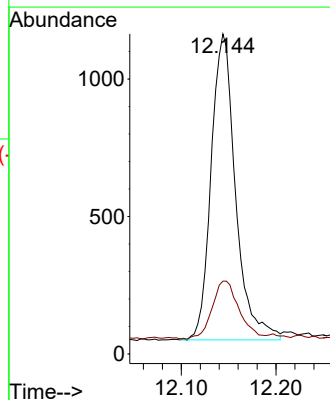
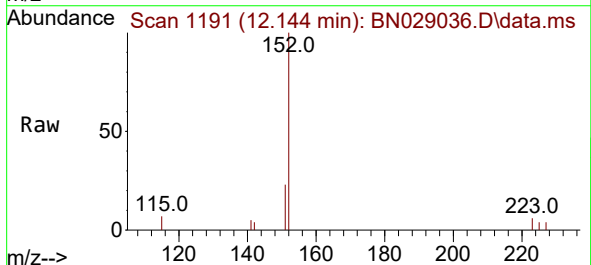
Instrument :
BNA_N
ClientSampleId :
RE120D1-20231113

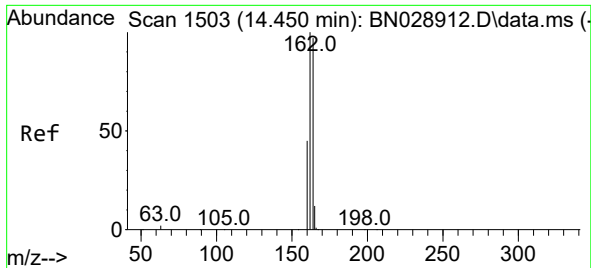
Tgt Ion: 82 Resp: 1425
Ion Ratio Lower Upper
82 100
128 38.3 29.2 43.8
54 66.2 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.301 ng
RT: 12.144 min Scan# 1191
Delta R.T. -0.008 min
Lab File: BN029036.D
Acq: 04 Dec 2023 02:26

Tgt Ion: 152 Resp: 2000
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1

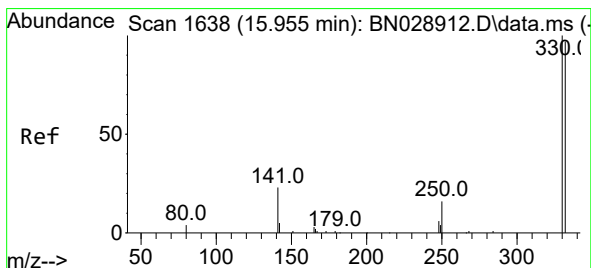
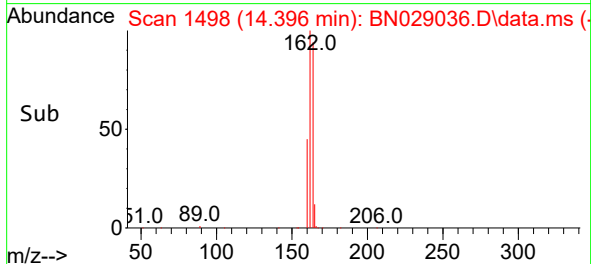
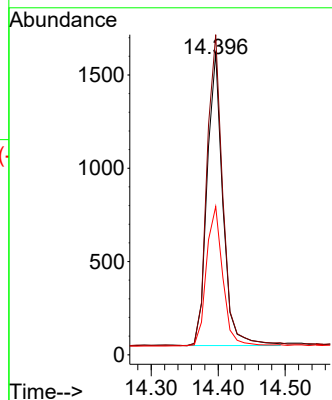
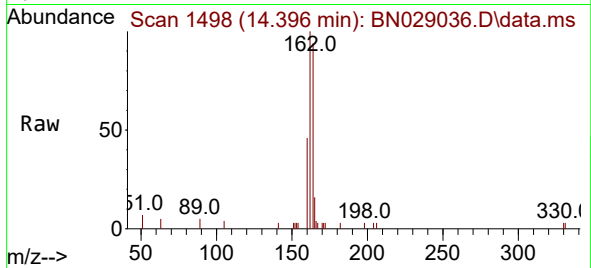




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN029036.D
Acq: 04 Dec 2023 02:26

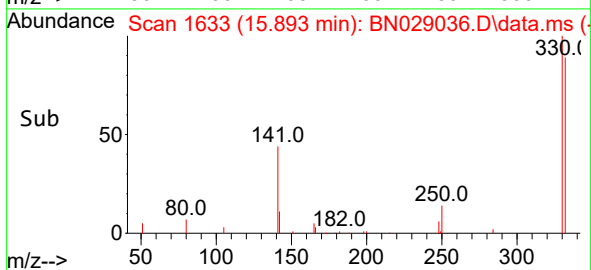
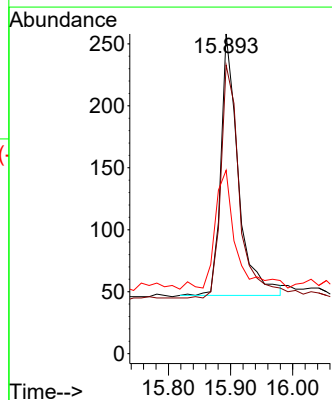
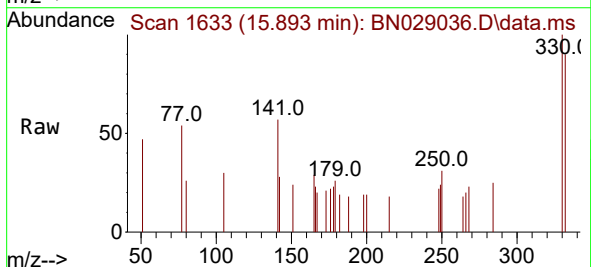
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BNA_N
ClientSampleId :
RE120D1-20231113

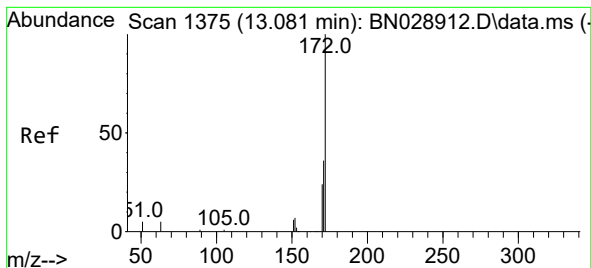
Tgt Ion:164 Resp: 2561
Ion Ratio Lower Upper
164 100
162 105.9 81.7 122.5
160 49.1 37.0 55.6



#14
2,4,6-Tribromophenol
Concen: 0.238 ng
RT: 15.893 min Scan# 1633
Delta R.T. -0.012 min
Lab File: BN029036.D
Acq: 04 Dec 2023 02:26

Tgt Ion:330 Resp: 411
Ion Ratio Lower Upper
330 100
332 96.8 75.4 113.2
141 55.0 35.7 53.5#





#15

2-Fluorobiphenyl

Concen: 0.332 ng

RT: 13.028 min Scan# 11

Delta R.T. -0.011 min

Lab File: BN029036.D

Acq: 04 Dec 2023 02:26

Instrument :

BNA_N

ClientSampleId :

RE120D1-20231113

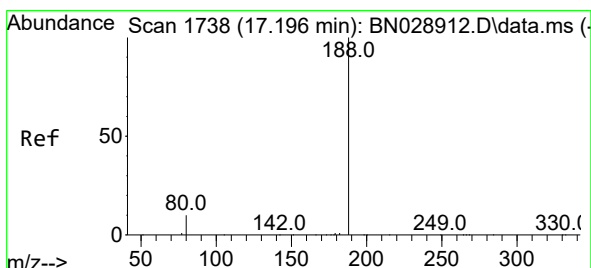
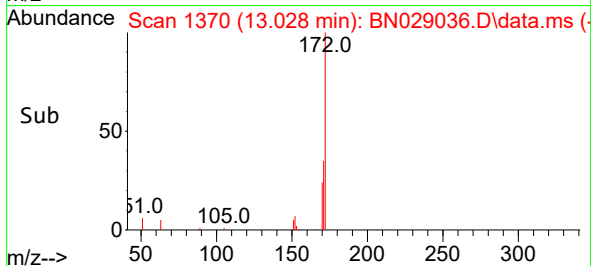
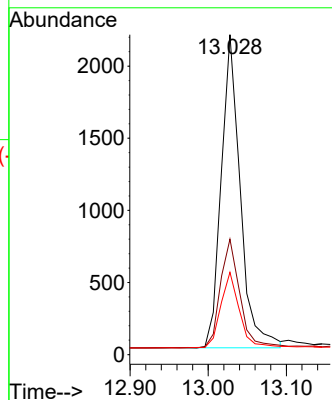
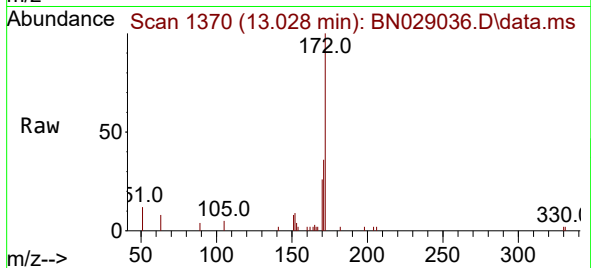
Tgt Ion:172 Resp: 3673

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

170 25.7 19.7 29.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.147 min Scan# 1734

Delta R.T. -0.012 min

Lab File: BN029036.D

Acq: 04 Dec 2023 02:26

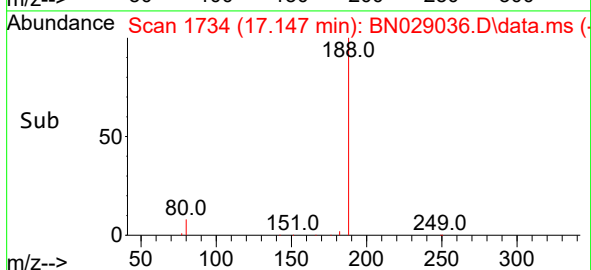
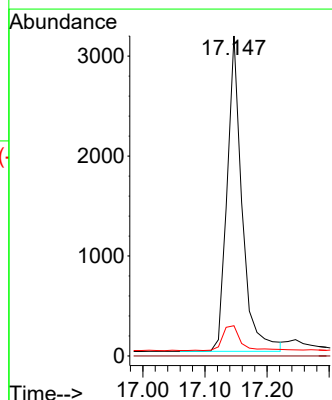
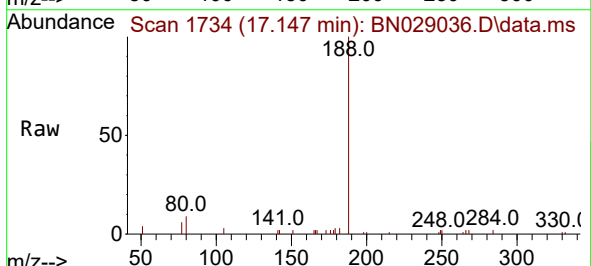
Tgt Ion:188 Resp: 5293

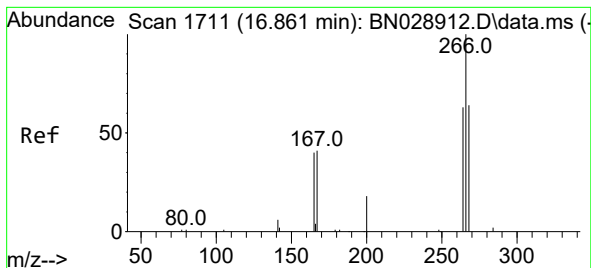
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.4 9.0 13.6





#24

Pentachlorophenol

Concen: 0.038 ng

RT: 16.799 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN029036.D

Acq: 04 Dec 2023 02:26

Instrument :

BNA_N

ClientSampleId :

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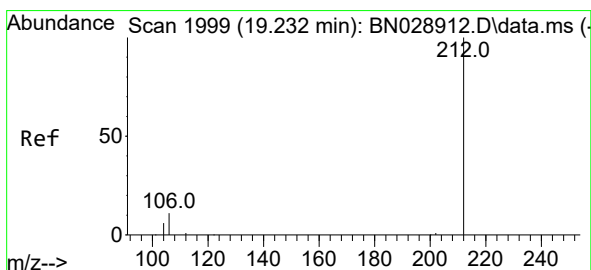
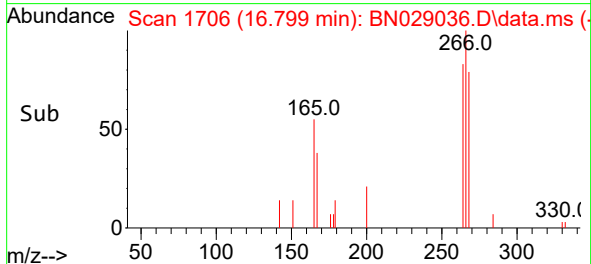
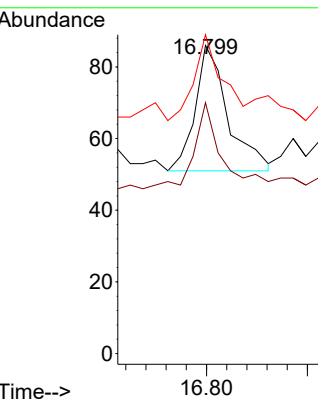
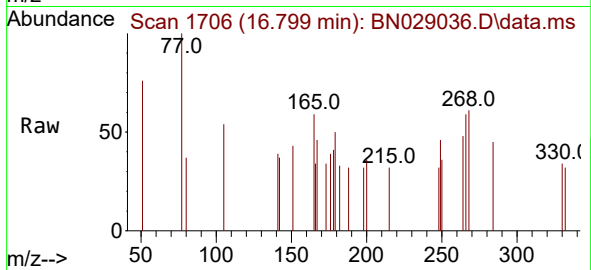
Tgt Ion:266 Resp: 79

Ion Ratio Lower Upper

266 100

264 68.4 50.7 76.1

268 78.5 54.9 82.3



#27

Fluoranthene-d10

Concen: 0.404 ng

RT: 19.181 min Scan# 1988

Delta R.T. -0.009 min

Lab File: BN029036.D

Acq: 04 Dec 2023 02:26

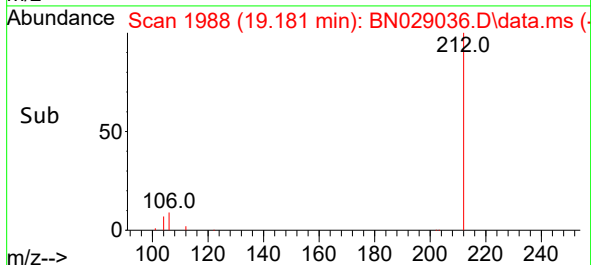
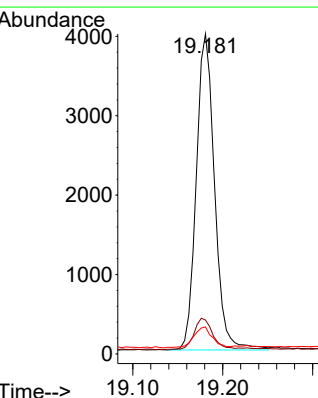
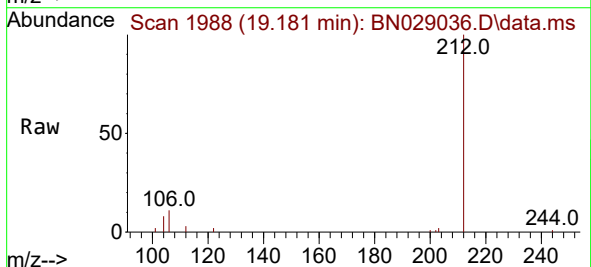
Tgt Ion:212 Resp: 5630

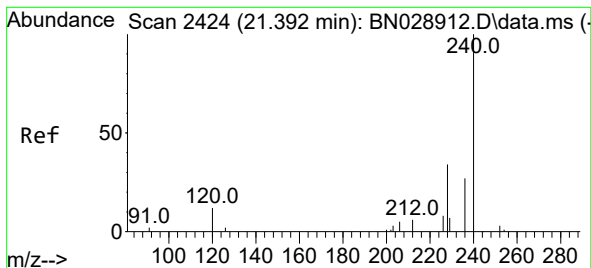
Ion Ratio Lower Upper

212 100

106 10.1 9.4 14.2

104 6.8 6.2 9.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.347 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BN029036.D

Acq: 04 Dec 2023 02:26

Instrument :

BNA_N

ClientSampleId :

RE120D1-20231113

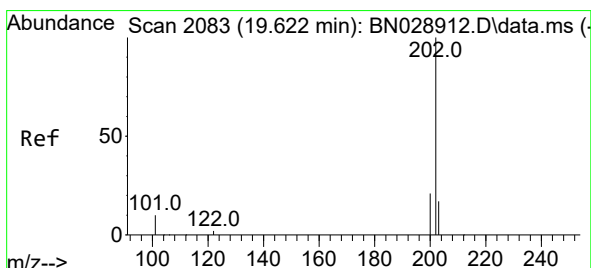
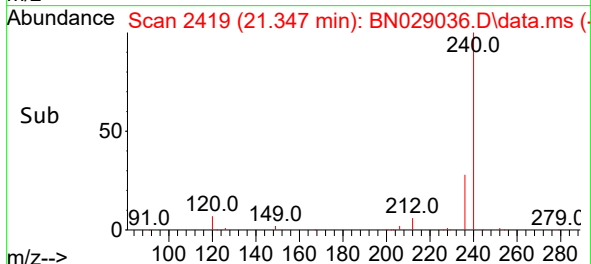
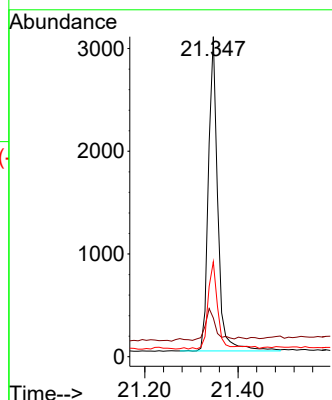
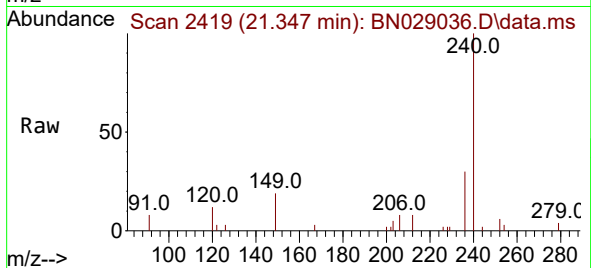
Tgt Ion:240 Resp: 4287

Ion Ratio Lower Upper

240 100

120 12.1 37.1 55.7#

236 29.7 32.4 48.6#



#30

Pyrene

Concen: 0.096 ng

RT: 19.571 min Scan# 2072

Delta R.T. -0.009 min

Lab File: BN029036.D

Acq: 04 Dec 2023 02:26

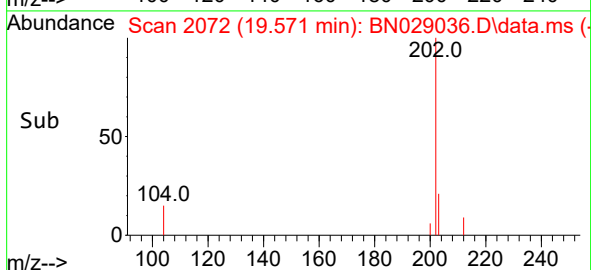
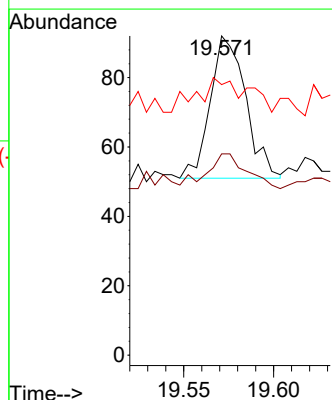
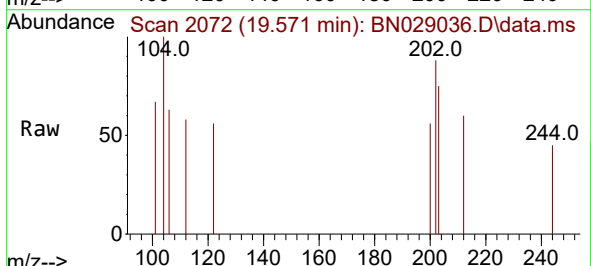
Tgt Ion:202 Resp: 56

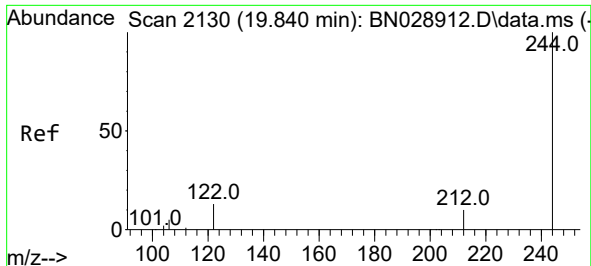
Ion Ratio Lower Upper

202 100

200 26.8 16.9 25.3#

203 25.0 14.8 22.2#

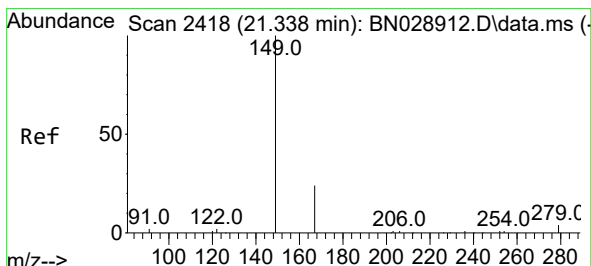
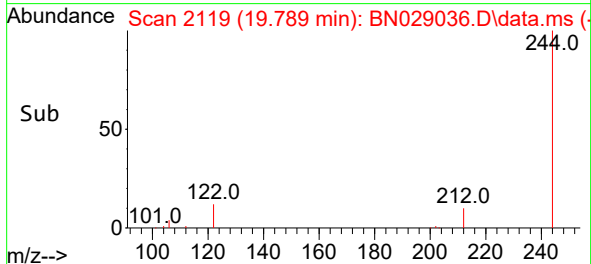
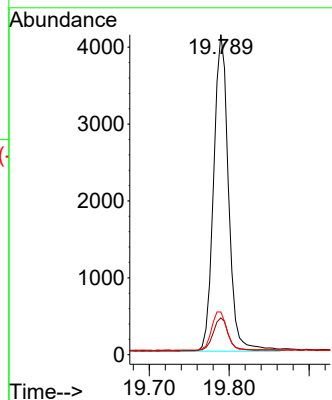
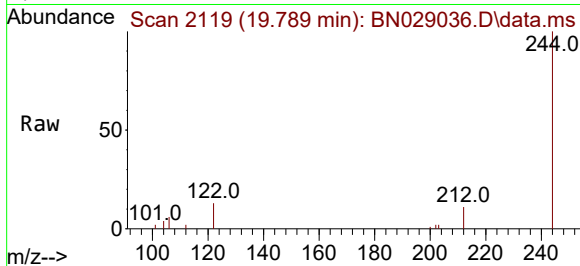




#31
 Terphenyl-d14
 Concen: 0.423 ng
 RT: 19.789 min Scan# 2130
 Delta R.T. -0.005 min
 Lab File: BN029036.D
 Acq: 04 Dec 2023 02:26

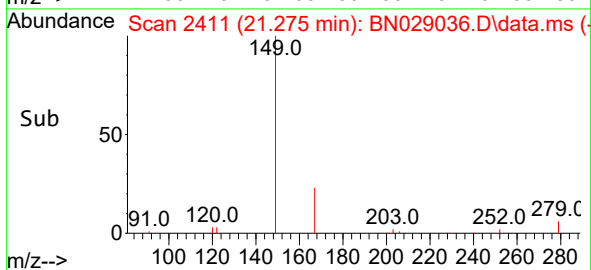
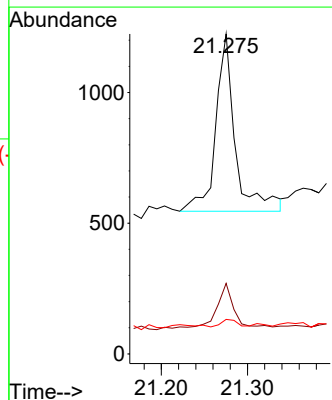
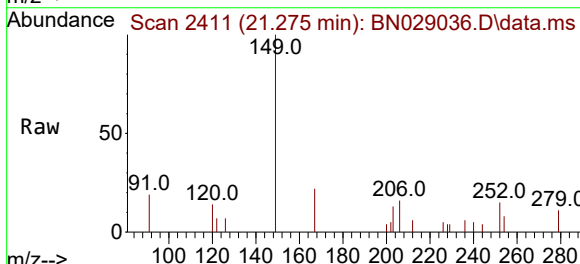
Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20231113

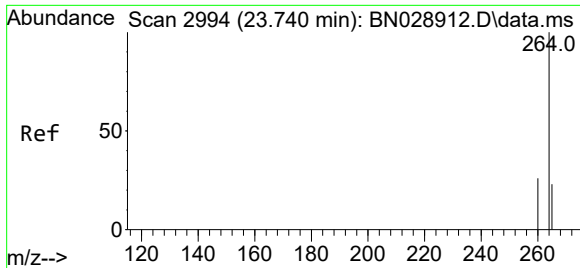
Tgt Ion:244 Resp: 5332
 Ion Ratio Lower Upper
 244 100
 212 11.5 11.5 17.3#
 122 13.4 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.275 min Scan# 2411
 Delta R.T. 0.000 min
 Lab File: BN029036.D
 Acq: 04 Dec 2023 02:26

Tgt Ion:149 Resp: 1063
 Ion Ratio Lower Upper
 149 100
 167 26.5 14.9 22.3#
 279 3.6 6.3 9.5#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.667 min Scan# 2969

Delta R.T. -0.003 min

Lab File: BN029036.D

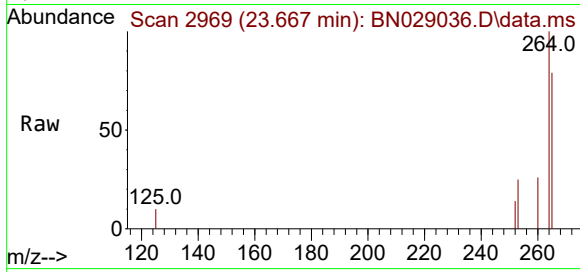
Acq: 04 Dec 2023 02:26

Instrument :

BNA_N

ClientSampleId :

RE120D1-20231113



Tgt Ion:264 Resp: 4142

Ion Ratio Lower Upper

264 100

260 25.6 20.6 30.8

265 78.6 464.5 696.7#

