

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025689.D
 Acq On : 28 May 2023 19:49
 Operator : CG/JU
 Sample : 02912-08
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20230522

Quant Time: May 29 01:41:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 29 00:47:45 2023
 Response via : Initial Calibration

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

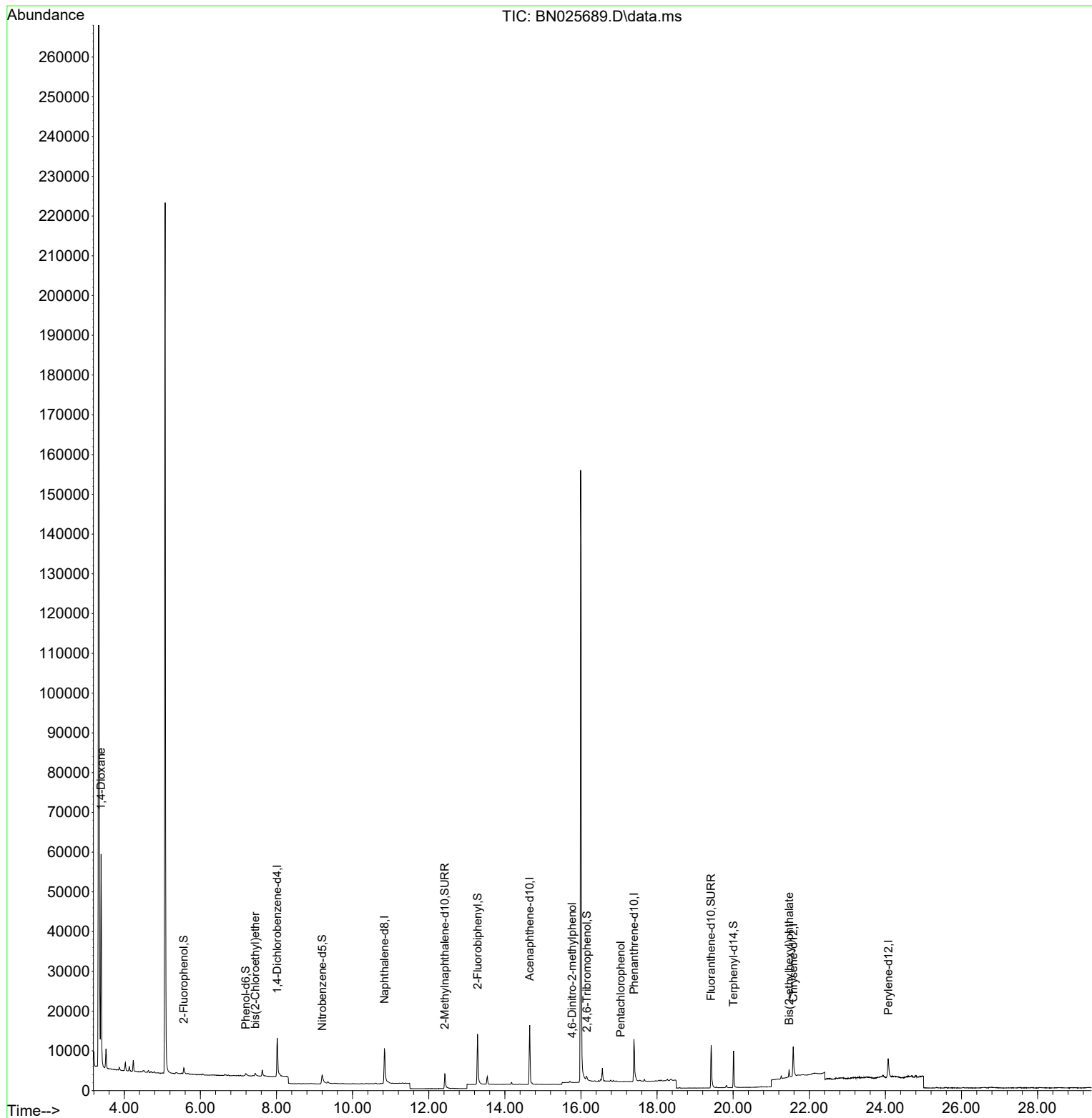
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5808	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	15708	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	9059	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	17581	0.400	ng	0.00
29) Chrysene-d12	21.578	240	9142	0.400	ng	0.00
35) Perylene-d12	24.078	264	8524	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1761	0.118	ng	0.00
5) Phenol-d6	7.189	99	1061	0.059	ng	0.01
8) Nitrobenzene-d5	9.202	82	3573	0.272	ng	0.01
11) 2-Methylnaphthalene-d10	12.423	152	7117	0.318	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	696	0.380	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	13151	0.352	ng	0.00
27) Fluoranthene-d10	19.421	212	13786	0.346	ng	0.00
31) Terphenyl-d14	20.011	244	9528	0.476	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	31226	4.643	ng	99
6) bis(2-Chloroethyl)ether	7.442	93	730	0.040	ng	# 78
20) 4,6-Dinitro-2-methylph...	15.767	198	7	0.116	ng	# 1
24) Pentachlorophenol	17.046	266	13	0.377	ng	# 12
34) Bis(2-ethylhexyl)phtha...	21.471	149	1946	0.094	ng	# 95

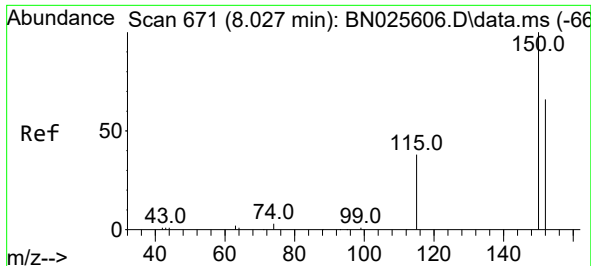
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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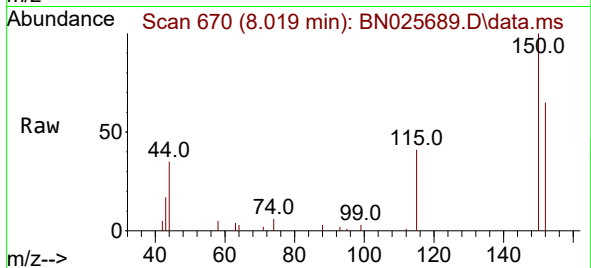
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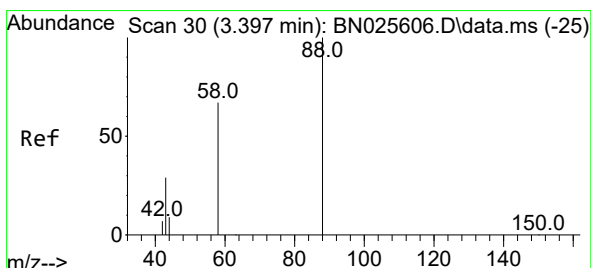
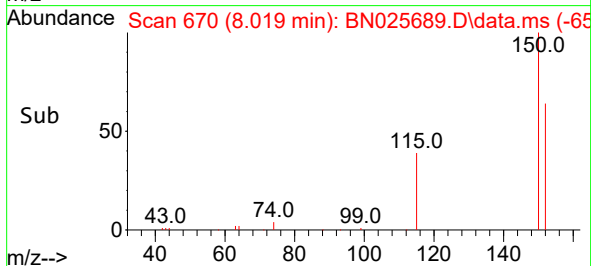
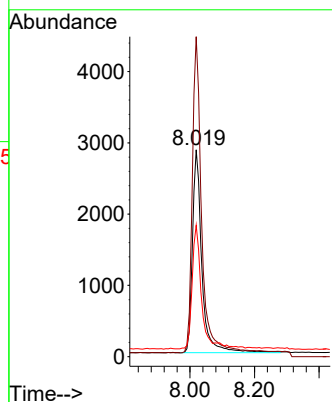


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025689.D
Acq: 28 May 2023 19:49

Instrument :
BNA_N
ClientSampleId :
RE115D1-20230522

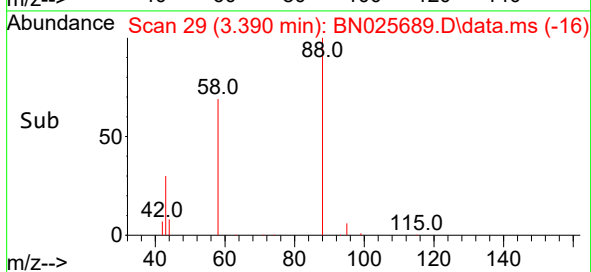
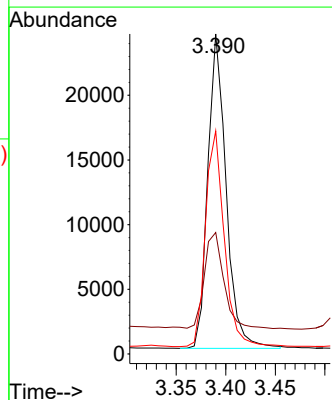
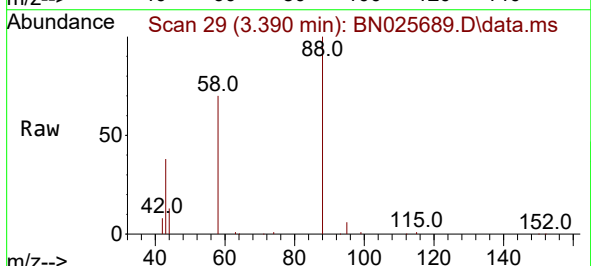


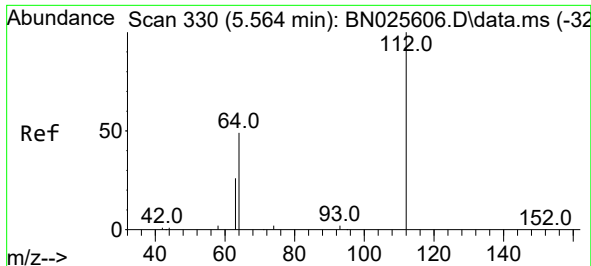
Tgt Ion:152 Resp: 5808
Ion Ratio Lower Upper
152 100
150 154.7 121.0 181.6
115 63.5 48.5 72.7



#2
1,4-Dioxane
Concen: 4.643 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025689.D
Acq: 28 May 2023 19:49

Tgt Ion: 88 Resp: 31226
Ion Ratio Lower Upper
88 100
43 32.3 26.5 39.7
58 70.3 56.8 85.2

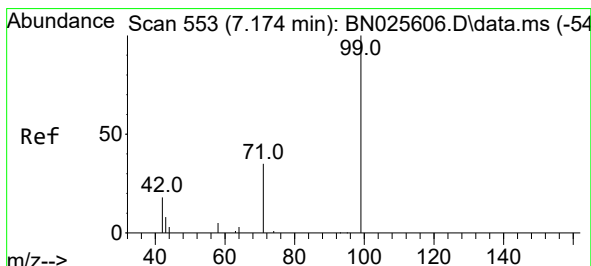
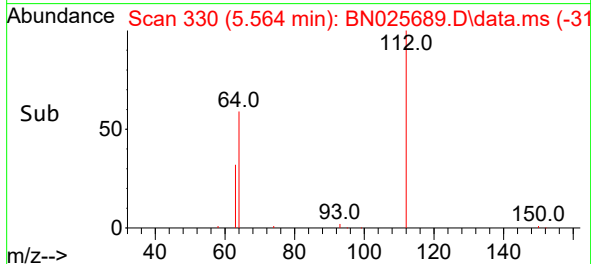
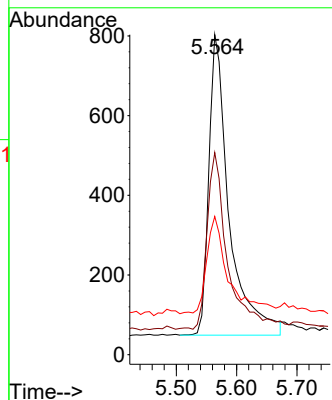
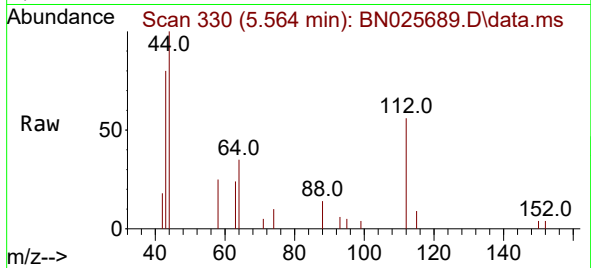




#4
2-Fluorophenol
Concen: 0.118 ng
RT: 5.564 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN025689.D
Acq: 28 May 2023 19:49

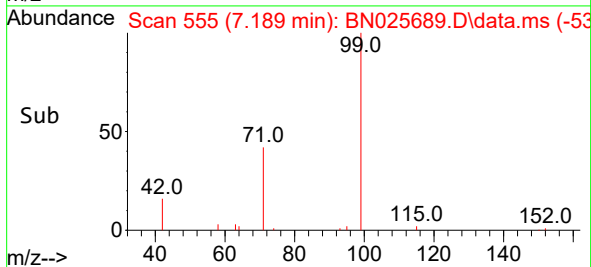
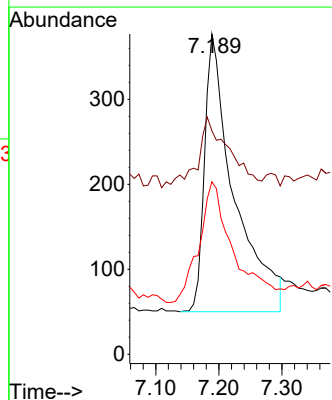
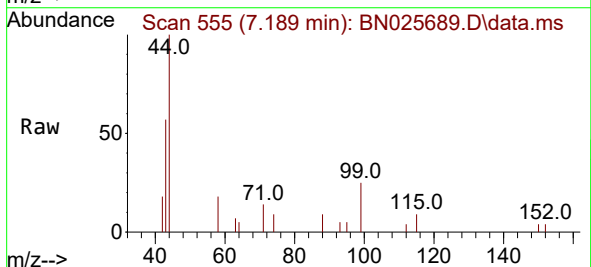
Instrument :
BNA_N
ClientSampleId :
RE115D1-20230522

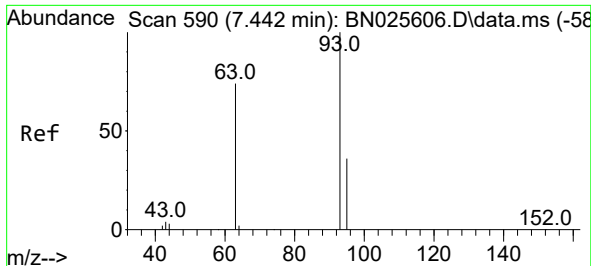
Tgt Ion:112 Resp: 1761
Ion Ratio Lower Upper
112 100
64 60.0 45.7 68.5
63 33.2 26.2 39.2



#5
Phenol-d6
Concen: 0.059 ng
RT: 7.189 min Scan# 555
Delta R.T. 0.014 min
Lab File: BN025689.D
Acq: 28 May 2023 19:49

Tgt Ion: 99 Resp: 1061
Ion Ratio Lower Upper
99 100
42 26.2 17.1 25.7#
71 50.2 29.3 43.9#

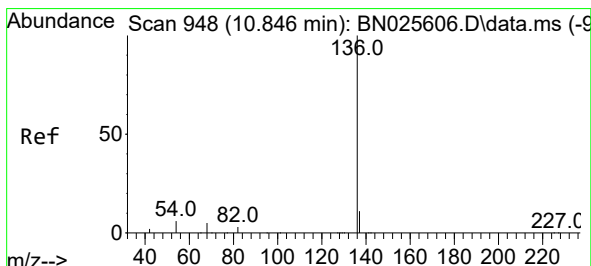
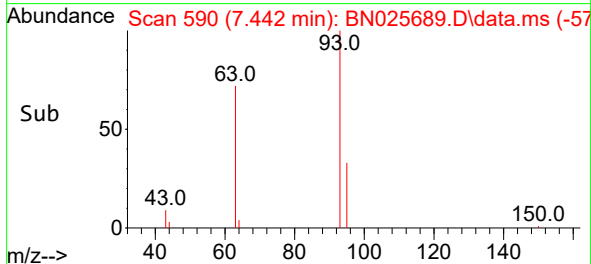
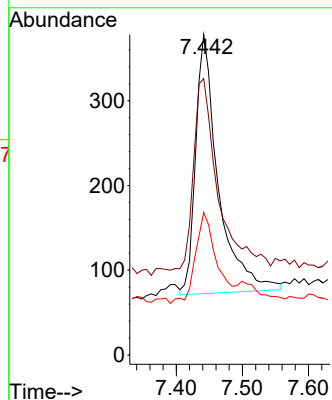
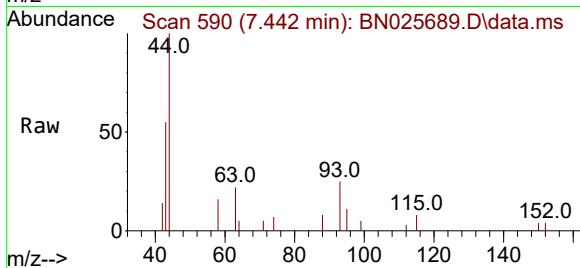




#6
bis(2-Chloroethyl)ether
Concen: 0.040 ng
RT: 7.442 min Scan# 590
Delta R.T. 0.007 min
Lab File: BN025689.D
Acq: 28 May 2023 19:49

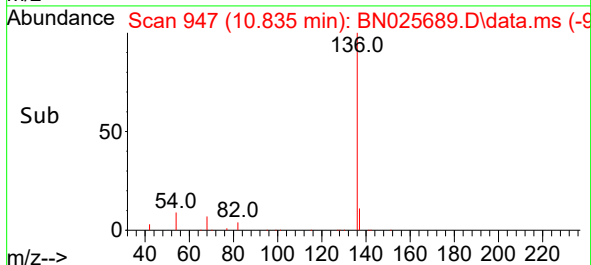
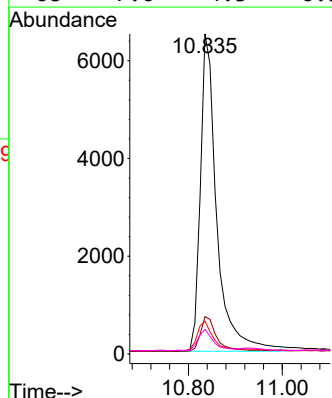
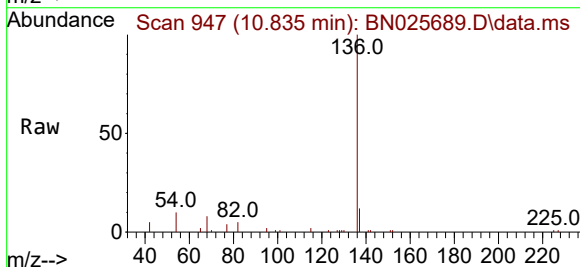
Instrument :
BNA_N
ClientSampleId :
RE115D1-20230522

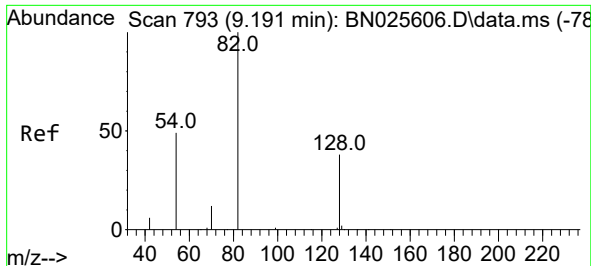
Tgt Ion: 93 Resp: 730
Ion Ratio Lower Upper
93 100
63 83.3 49.1 73.7#
95 32.5 22.6 33.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN025689.D
Acq: 28 May 2023 19:49

Tgt Ion: 136 Resp: 15708
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 10.3 5.4 8.0#
68 7.6 4.3 6.5#

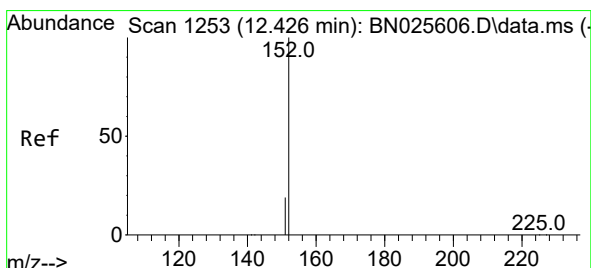
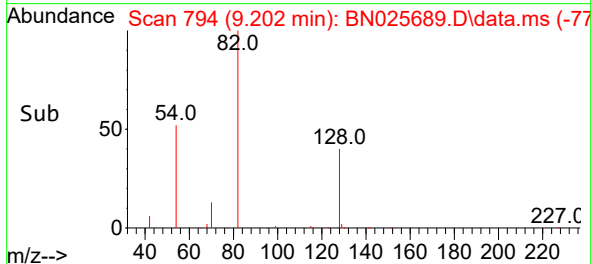
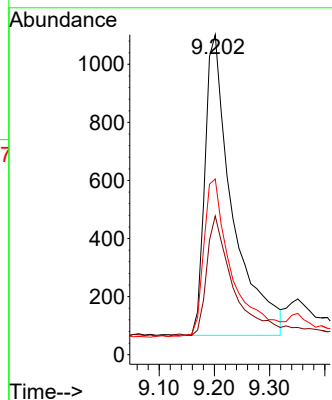
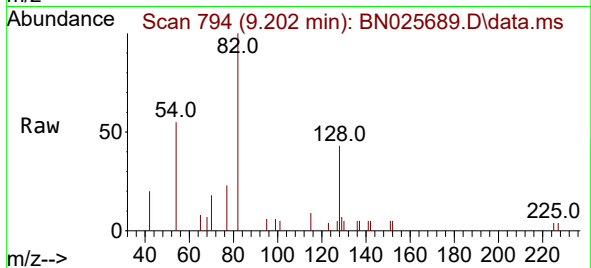




#8
Nitrobenzene-d5
Concen: 0.272 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN025689.D
Acq: 28 May 2023 19:49

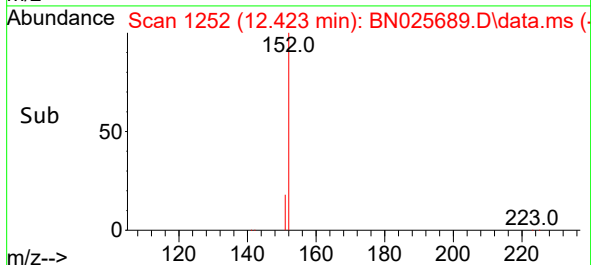
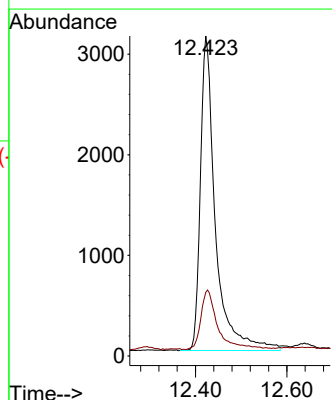
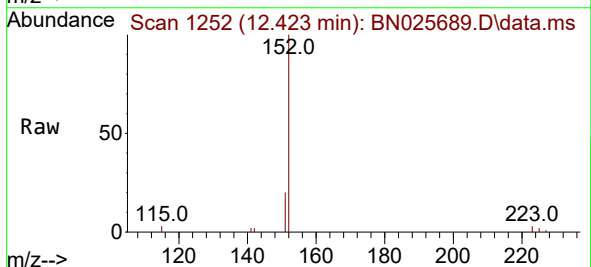
Instrument :
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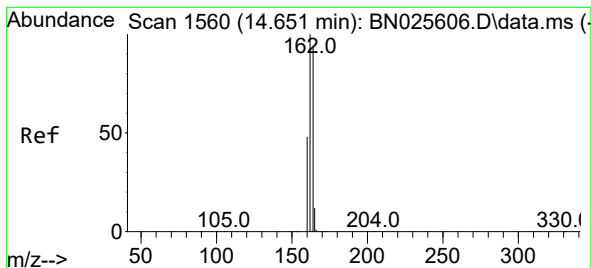
Tgt Ion: 82 Resp: 3573
Ion Ratio Lower Upper
82 100
128 43.4 32.5 48.7
54 54.9 40.6 60.8



#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 12.423 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BN025689.D
Acq: 28 May 2023 19:49

Tgt Ion: 152 Resp: 7117
Ion Ratio Lower Upper
152 100
151 21.0 16.1 24.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.651 min Scan# 1560

Delta R.T. -0.000 min

Lab File: BN025689.D

Acq: 28 May 2023 19:49

Instrument :

BNA_N

ClientSampleId :

RE115D1-20230522

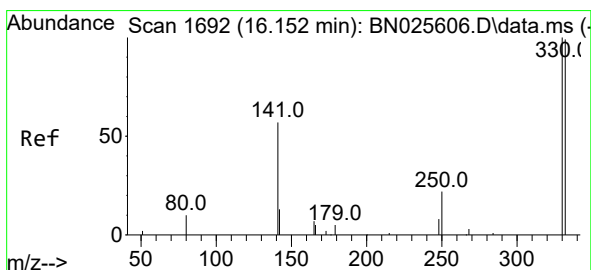
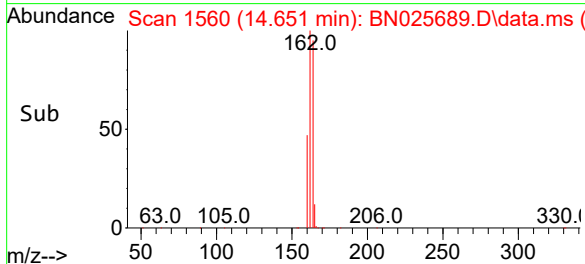
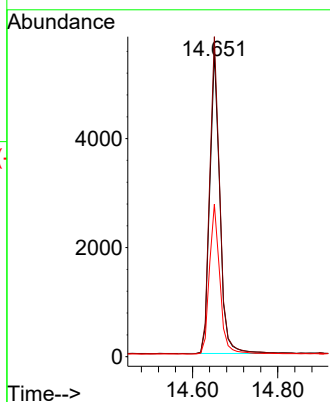
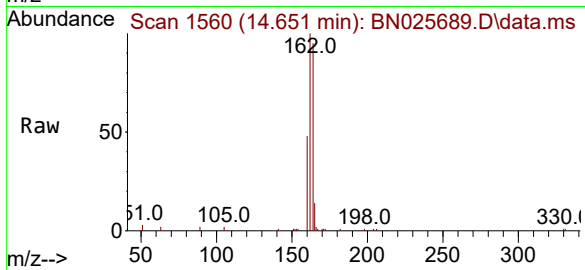
Tgt Ion:164 Resp: 9059

Ion Ratio Lower Upper

164 100

162 105.2 86.4 129.6

160 50.1 41.9 62.9



#14

2,4,6-Tribromophenol

Concen: 0.380 ng

RT: 16.152 min Scan# 1692

Delta R.T. -0.000 min

Lab File: BN025689.D

Acq: 28 May 2023 19:49

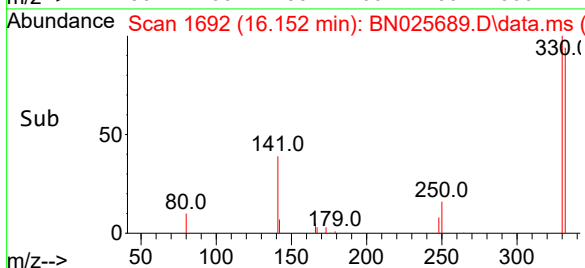
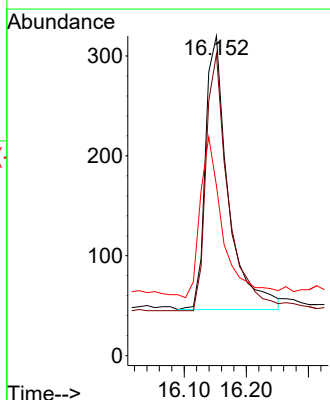
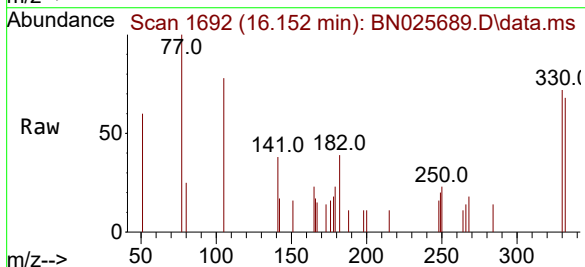
Tgt Ion:330 Resp: 696

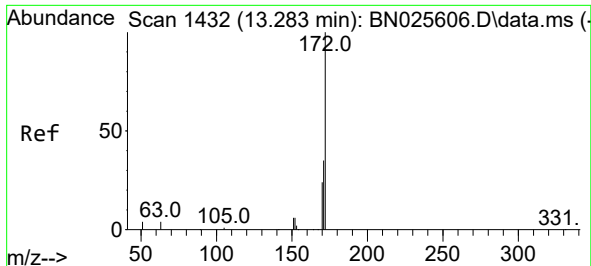
Ion Ratio Lower Upper

330 100

332 92.5 80.0 120.0

141 55.0 45.8 68.6

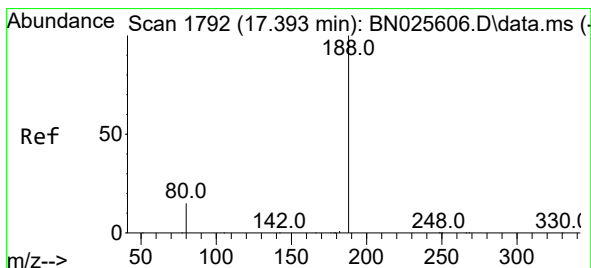
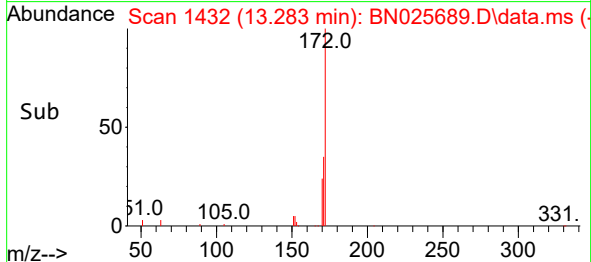
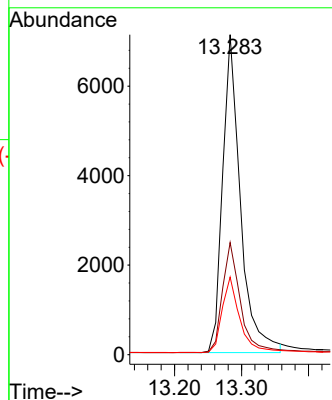
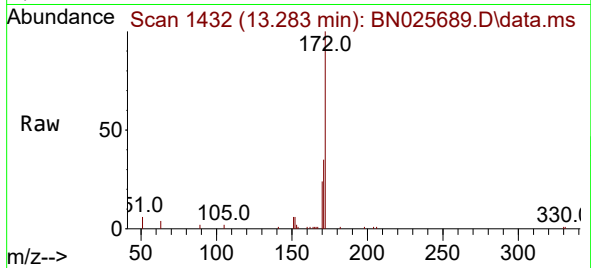




#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025689.D
Acq: 28 May 2023 19:49

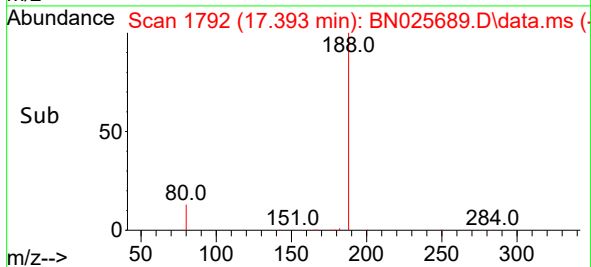
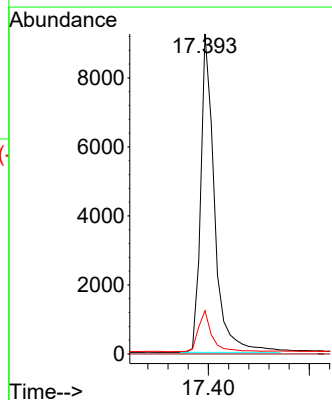
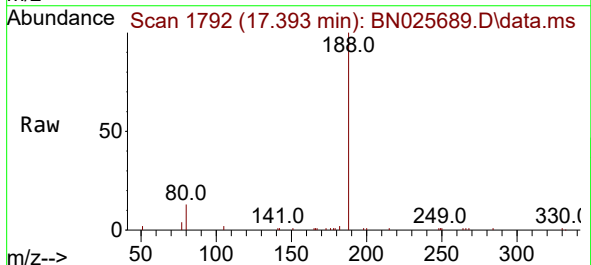
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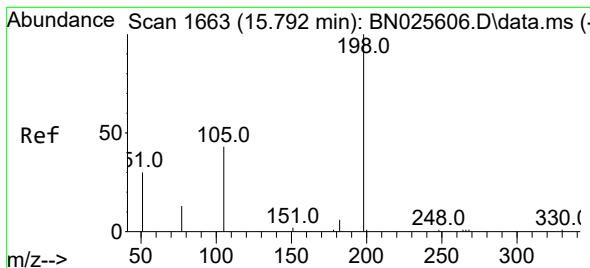
Tgt Ion:	172	Resp:	13151
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	24.3	19.7	29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BN025689.D
Acq: 28 May 2023 19:49

Tgt Ion:	188	Resp:	17581
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.5	12.2	18.2

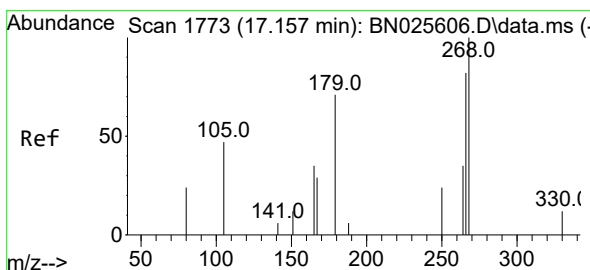
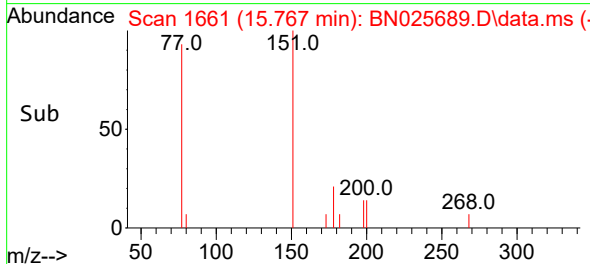
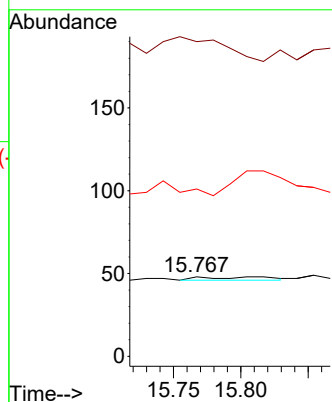
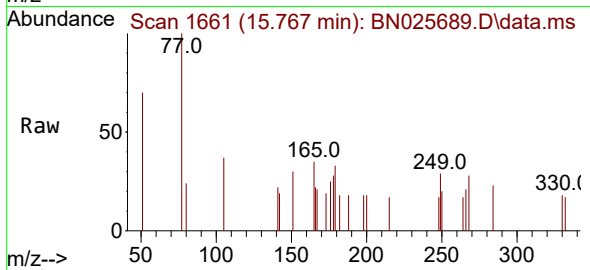




#20
4,6-Dinitro-2-methylphenol
Concen: 0.116 ng
RT: 15.767 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN025689.D
Acq: 28 May 2023 19:49

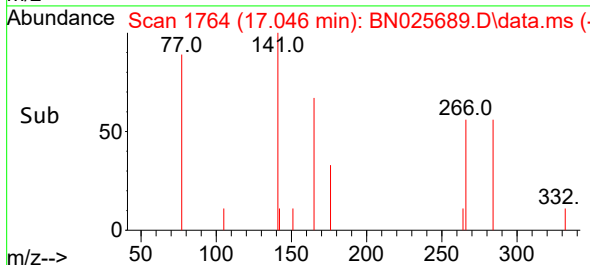
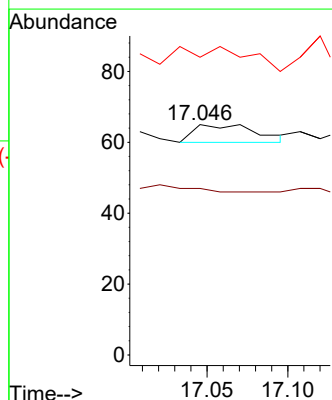
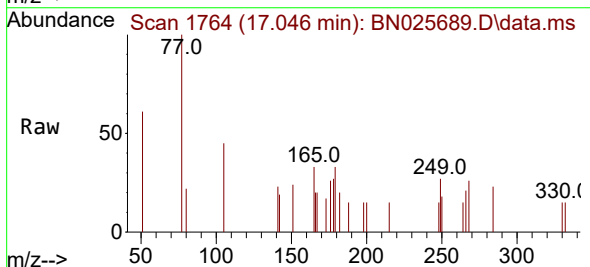
Instrument :
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RE115D1-20230522

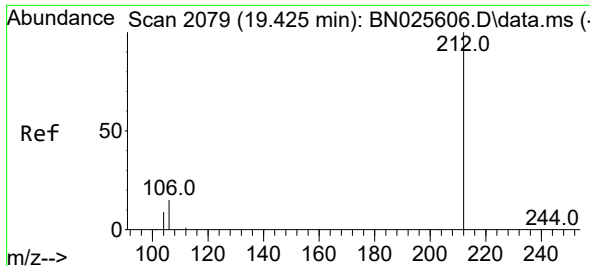
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 395.8 110.8 166.2#
105 210.4 61.9 92.9#



#24
Pentachlorophenol
Concen: 0.377 ng
RT: 17.046 min Scan# 1764
Delta R.T. -0.025 min
Lab File: BN025689.D
Acq: 28 May 2023 19:49

Tgt Ion:266 Resp: 13
Ion Ratio Lower Upper
266 100
264 0.0 60.0 90.0#
268 153.8 0.0 0.0#

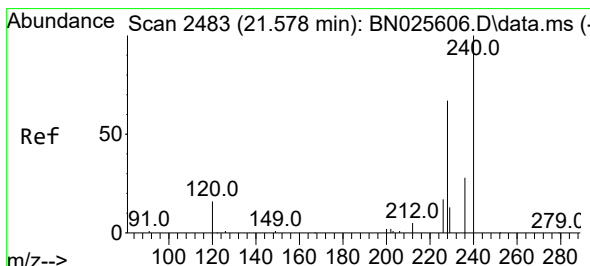
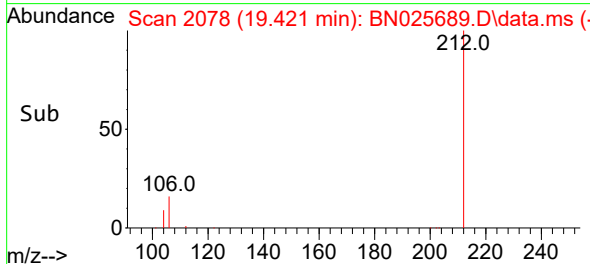
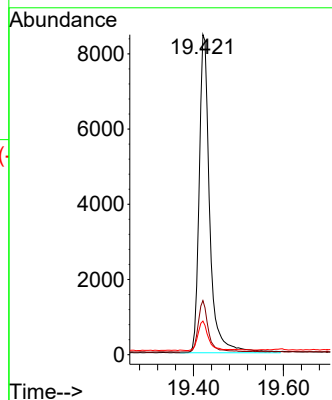
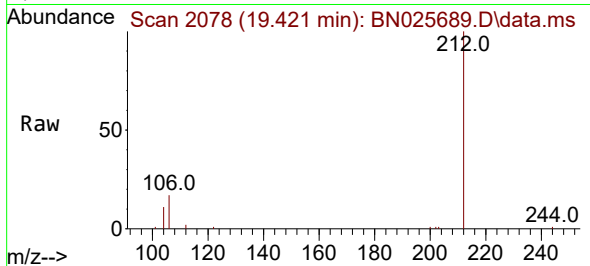




#27
Fluoranthene-d10
Concen: 0.346 ng
RT: 19.421 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BN025689.D
Acq: 28 May 2023 19:49

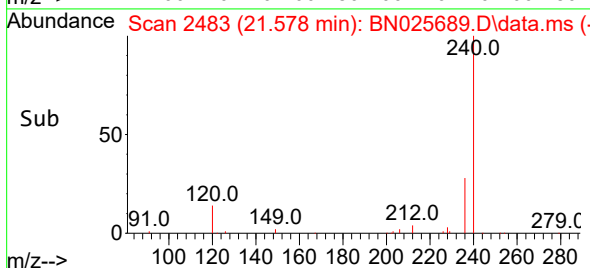
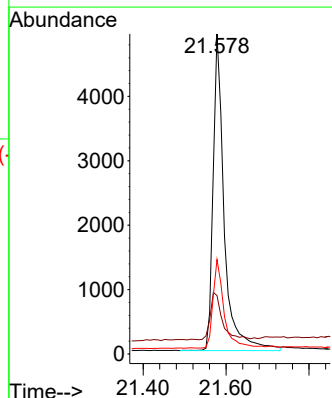
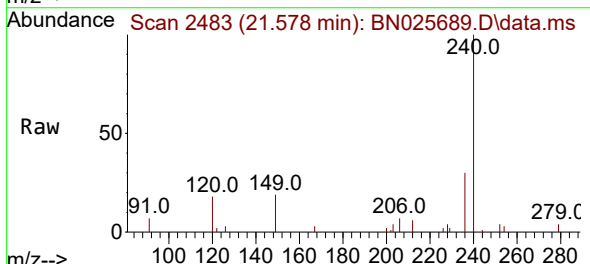
Instrument :
BNA_N
ClientSampleId :
RE115D1-20230522

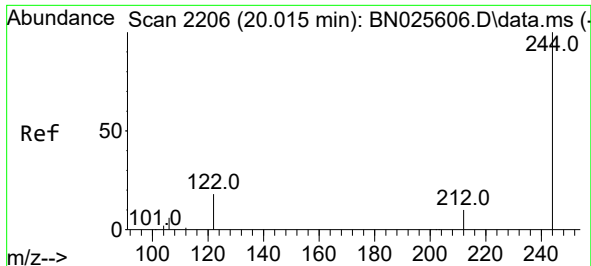
Tgt Ion:212 Resp: 13786
Ion Ratio Lower Upper
212 100
106 15.6 12.3 18.5
104 9.1 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN025689.D
Acq: 28 May 2023 19:49

Tgt Ion:240 Resp: 9142
Ion Ratio Lower Upper
240 100
120 18.3 15.4 23.0
236 29.5 23.2 34.8

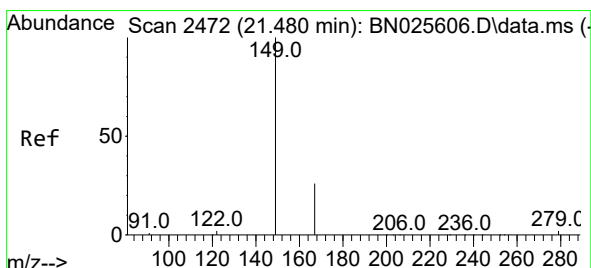
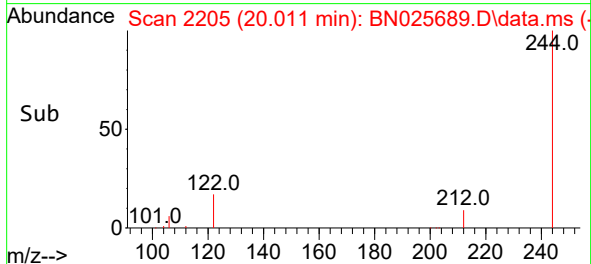
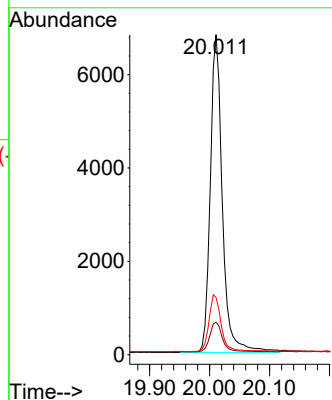
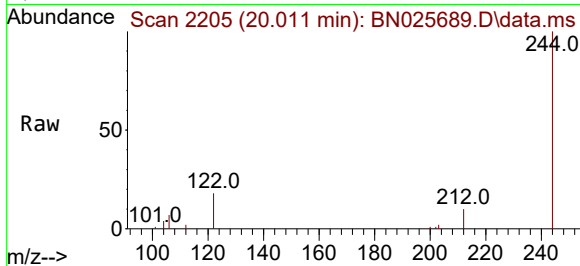




#31
 Terphenyl-d14
 Concen: 0.476 ng
 RT: 20.011 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN025689.D
 Acq: 28 May 2023 19:49

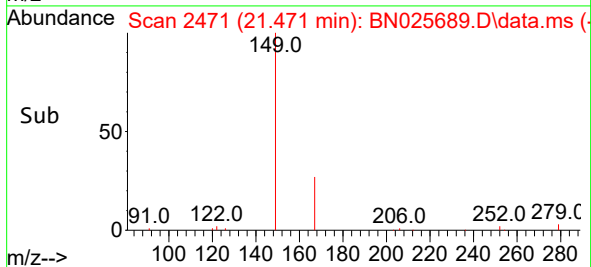
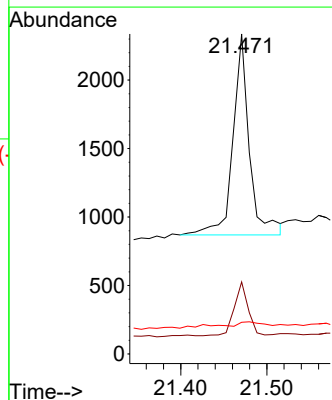
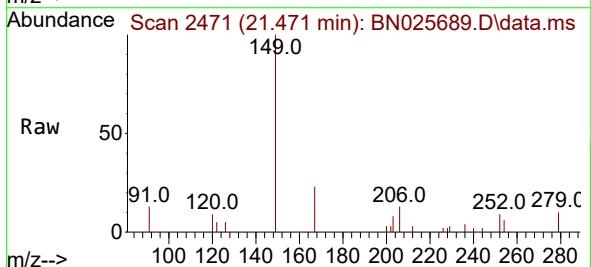
Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20230522

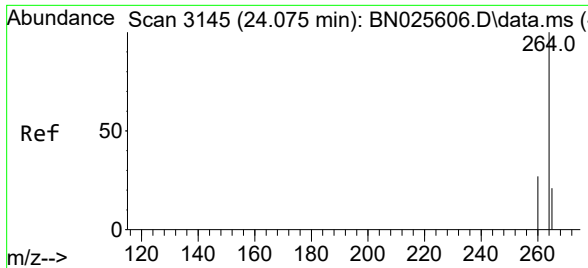
Tgt Ion:244 Resp: 9528
 Ion Ratio Lower Upper
 244 100
 212 10.1 8.5 12.7
 122 17.8 14.9 22.3



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.094 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. -0.000 min
 Lab File: BN025689.D
 Acq: 28 May 2023 19:49

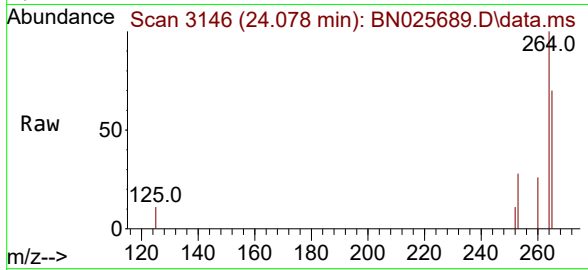
Tgt Ion:149 Resp: 1946
 Ion Ratio Lower Upper
 149 100
 167 22.7 20.4 30.6
 279 3.1 3.3 4.9#





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.078 min Scan# 31
Delta R.T. 0.009 min
Lab File: BN025689.D
Acq: 28 May 2023 19:49

Instrument :
BNA_N
ClientSampleId :
RE115D1-20230522



Tgt Ion:264 Resp: 8524

Ion	Ratio	Lower	Upper
264	100		
260	26.4	22.3	33.5
265	70.2	54.3	81.5

