

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025657.D
 Acq On : 27 May 2023 22:22
 Operator : CG/JU
 Sample : 02911-07
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20230522

Quant Time: May 29 00:55:24 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)

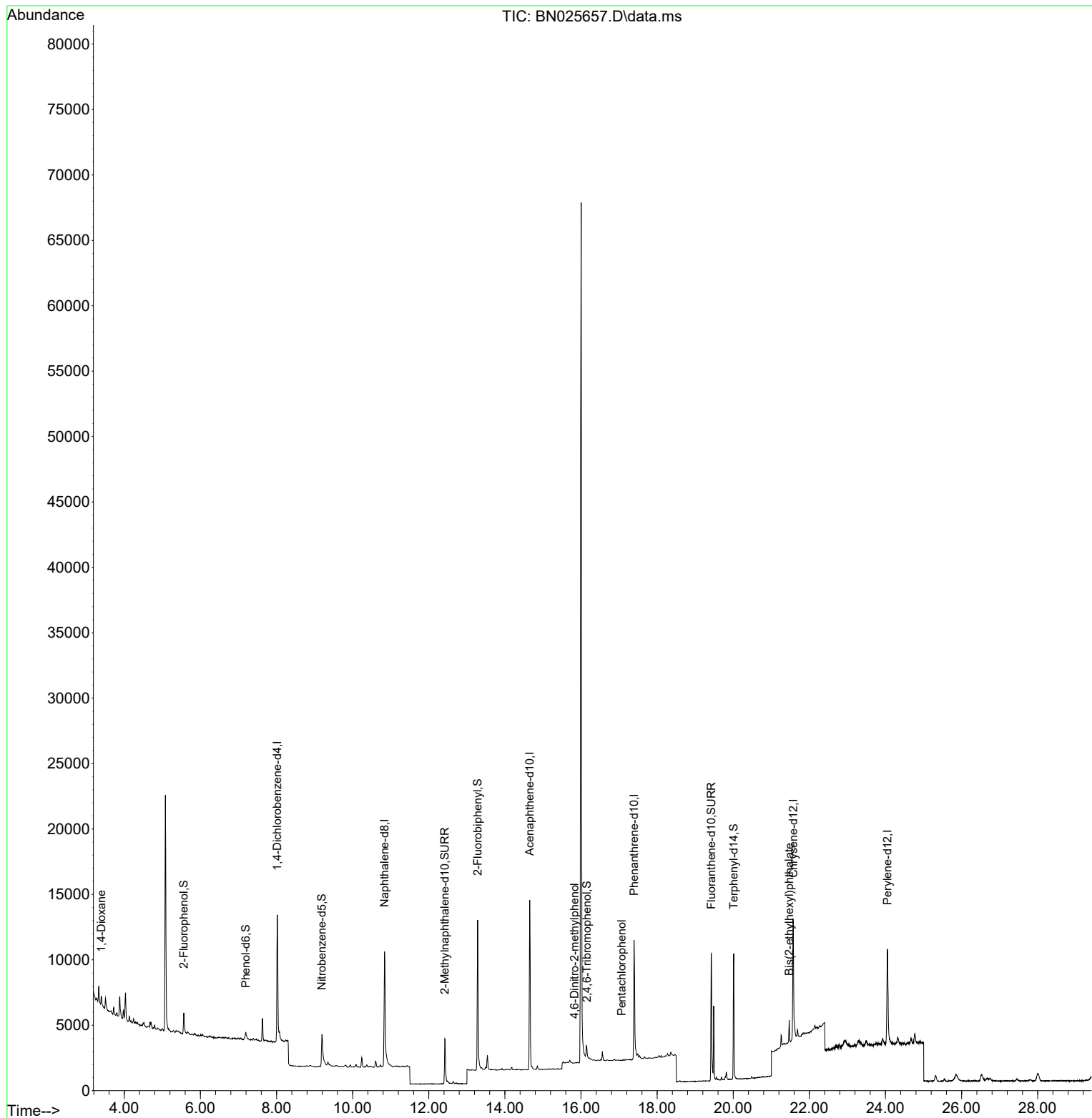
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5649	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	14763	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	7633	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	14555	0.400	ng	0.00
29) Chrysene-d12	21.578	240	10396	0.400	ng	# 0.00
35) Perylene-d12	24.051	264	11686	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1613	0.111	ng	0.00
5) Phenol-d6	7.189	99	894	0.052	ng	0.01
8) Nitrobenzene-d5	9.191	82	3432	0.278	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	6101	0.290	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	675	0.437	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	11067	0.351	ng	0.00
27) Fluoranthene-d10	19.426	212	11946	0.362	ng	0.00
31) Terphenyl-d14	20.011	244	9276	0.408	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.397	88	496	0.076	ng	# 55
20) 4,6-Dinitro-2-methylph...	15.829	198	2	0.114	ng	# 1
24) Pentachlorophenol	17.071	266	20	0.387	ng	# 12
34) Bis(2-ethylhexyl)phtha...	21.471	149	1749	0.074	ng	100

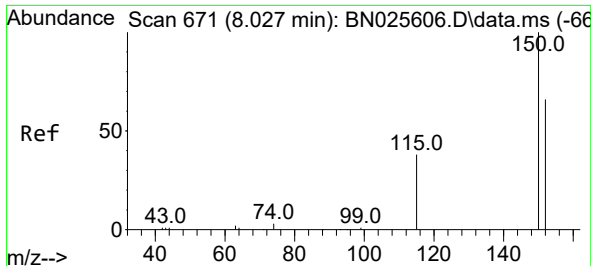
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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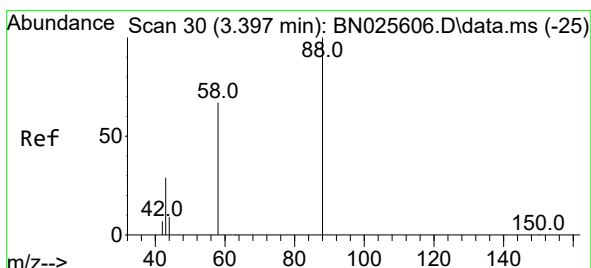
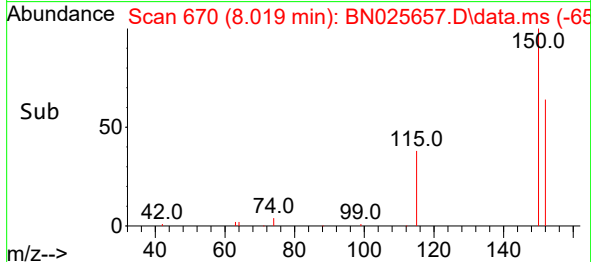
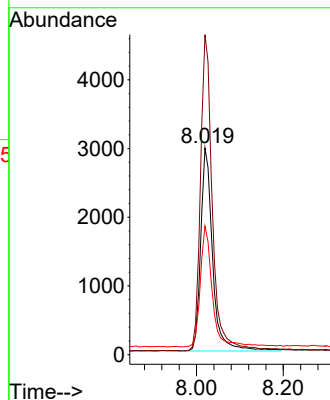
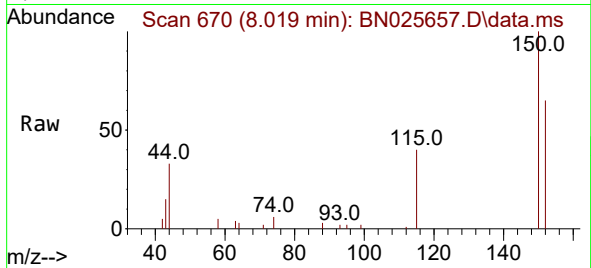




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025657.D
Acq: 27 May 2023 22:22

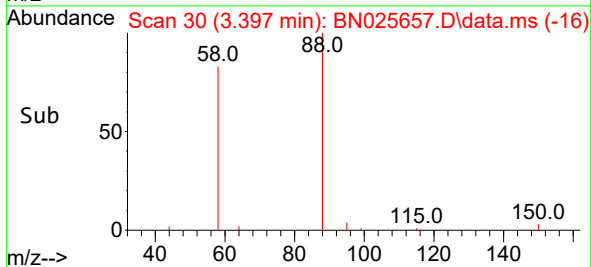
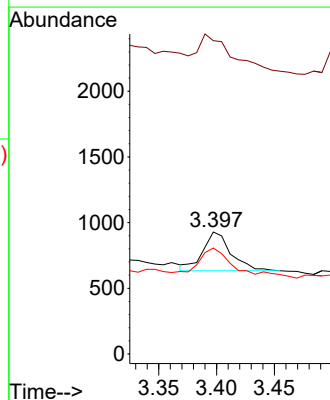
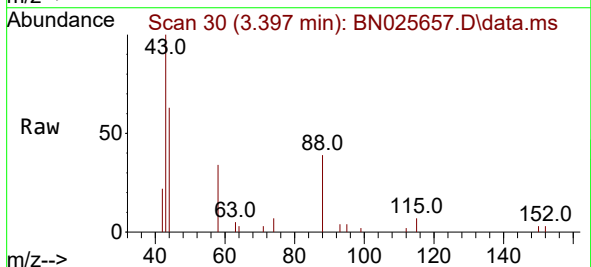
Instrument :
BNA_N
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DUP05-20230522

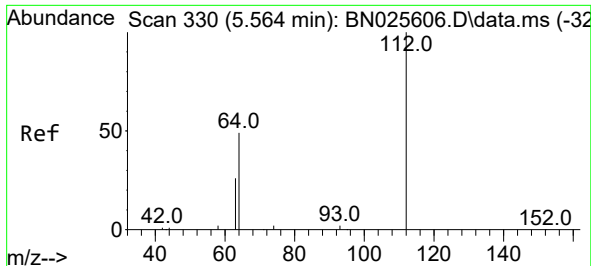
Tgt Ion:152 Resp: 5649
Ion Ratio Lower Upper
152 100
150 154.8 121.0 181.6
115 62.2 48.5 72.7



#2
1,4-Dioxane
Concen: 0.076 ng
RT: 3.397 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN025657.D
Acq: 27 May 2023 22:22

Tgt Ion: 88 Resp: 496
Ion Ratio Lower Upper
88 100
43 110.5 26.5 39.7#
58 72.6 56.8 85.2

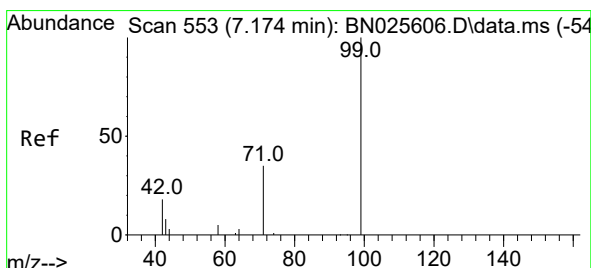
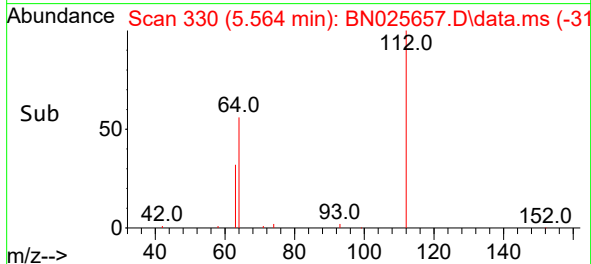
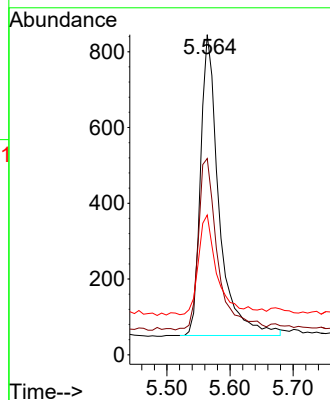
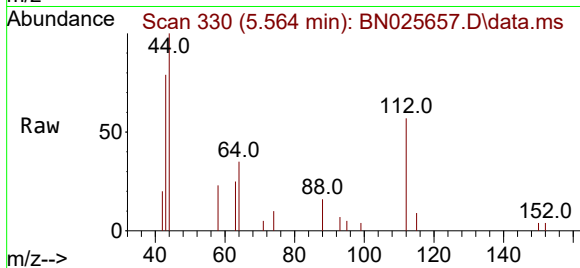




#4
2-Fluorophenol
Concen: 0.111 ng
RT: 5.564 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN025657.D
Acq: 27 May 2023 22:22

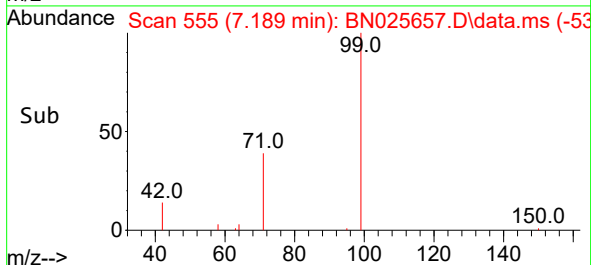
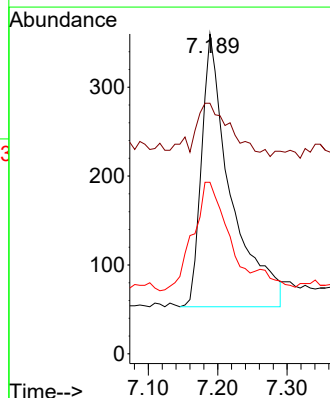
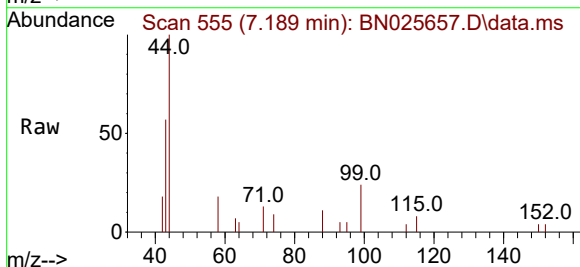
Instrument :
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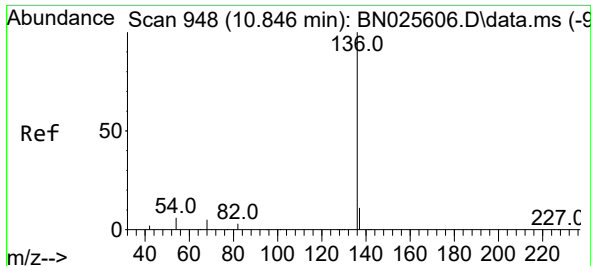
Tgt Ion:	112	Resp:	1613
Ion	Ratio	Lower	Upper
112	100		
64	59.5	45.7	68.5
63	33.6	26.2	39.2



#5
Phenol-d6
Concen: 0.052 ng
RT: 7.189 min Scan# 555
Delta R.T. 0.014 min
Lab File: BN025657.D
Acq: 27 May 2023 22:22

Tgt Ion:	99	Resp:	894
Ion	Ratio	Lower	Upper
99	100		
42	24.7	17.1	25.7
71	47.1	29.3	43.9

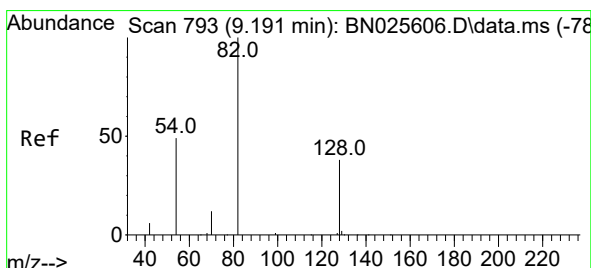
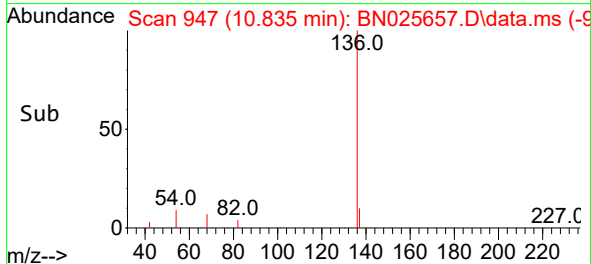
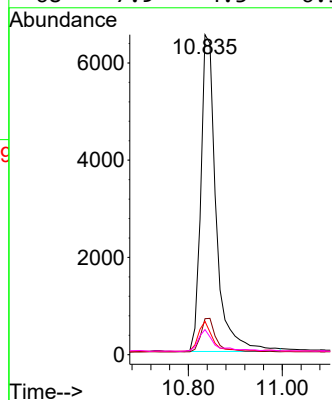
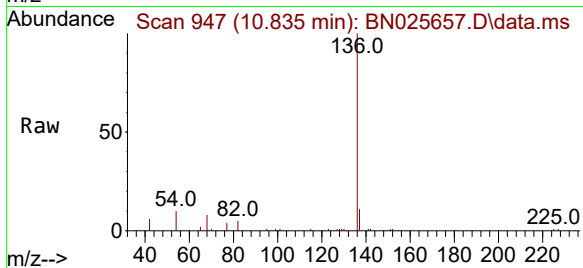




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN025657.D
Acq: 27 May 2023 22:22

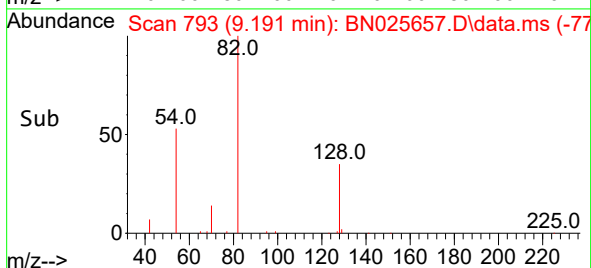
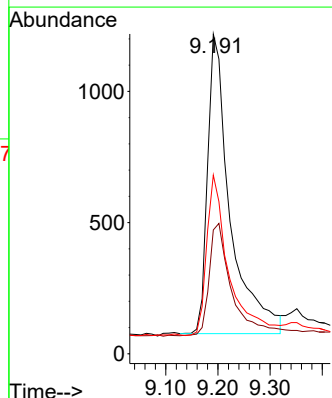
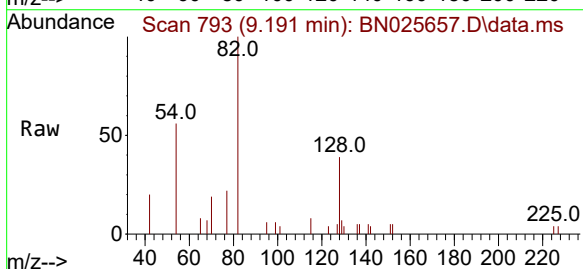
Instrument :
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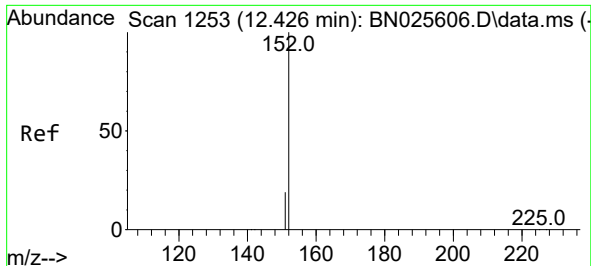
Tgt Ion:	136	Resp:	14763
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.4	5.4	8.0#
68	7.9	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.278 ng
RT: 9.191 min Scan# 793
Delta R.T. -0.000 min
Lab File: BN025657.D
Acq: 27 May 2023 22:22

Tgt Ion:	82	Resp:	3432
Ion	Ratio	Lower	Upper
82	100		
128	38.7	32.5	48.7
54	55.9	40.6	60.8

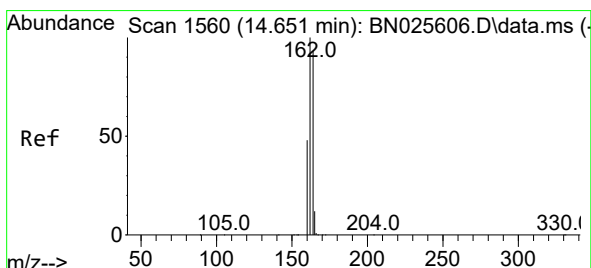
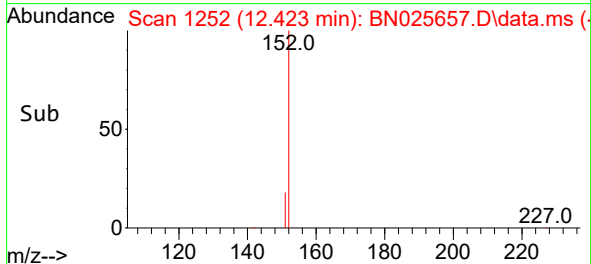
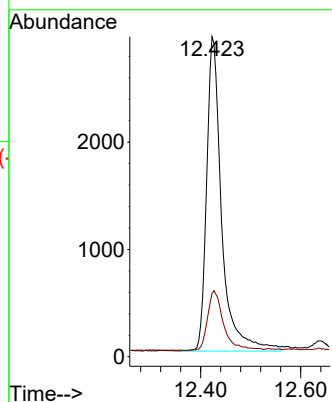
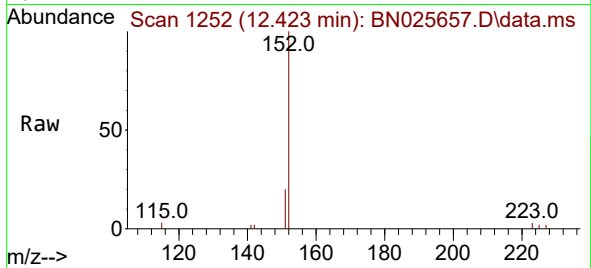




#11
2-Methylnaphthalene-d10
Concen: 0.290 ng
RT: 12.423 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025657.D
Acq: 27 May 2023 22:22

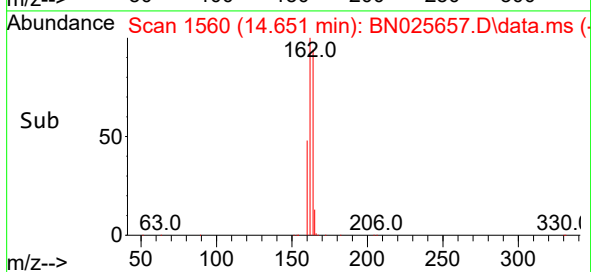
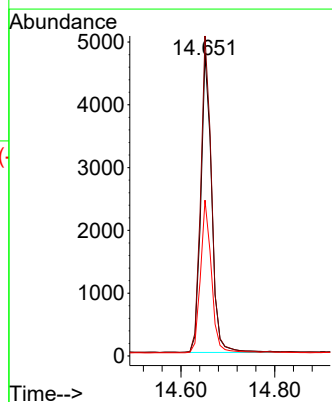
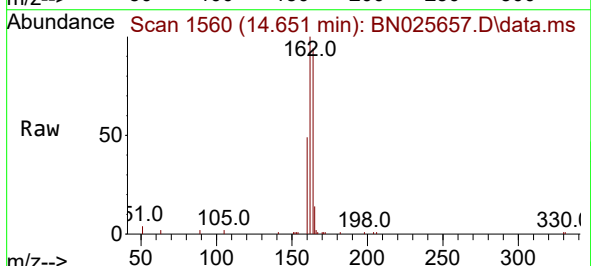
Instrument :
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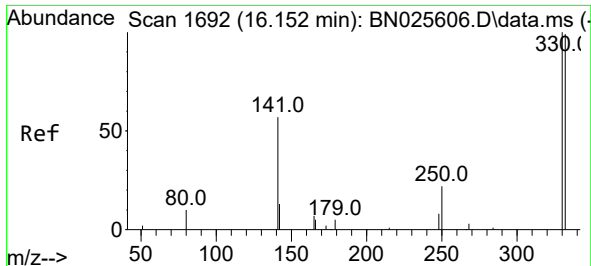
Tgt Ion:152 Resp: 6101
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN025657.D
Acq: 27 May 2023 22:22

Tgt Ion:164 Resp: 7633
Ion Ratio Lower Upper
164 100
162 106.1 86.4 129.6
160 51.7 41.9 62.9

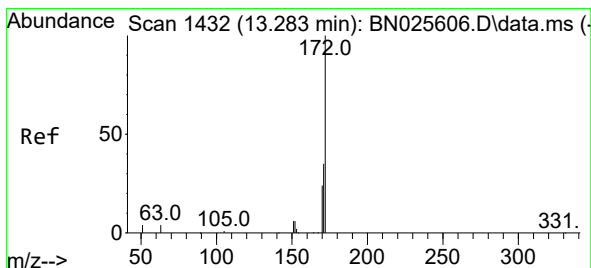
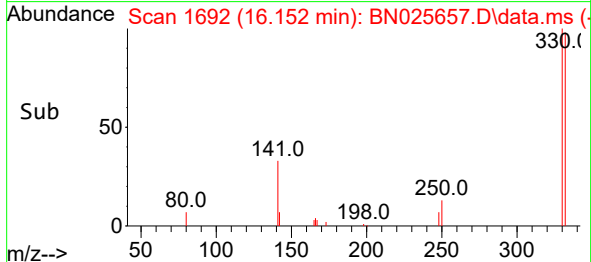
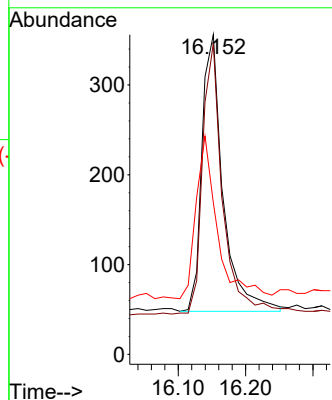
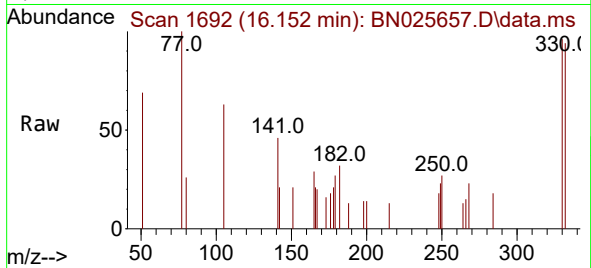




#14
2,4,6-Tribromophenol
Concen: 0.437 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025657.D
Acq: 27 May 2023 22:22

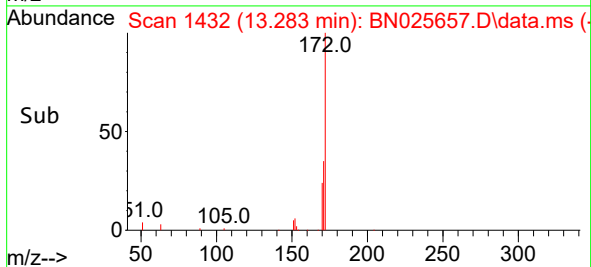
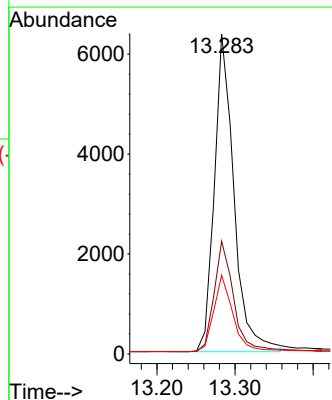
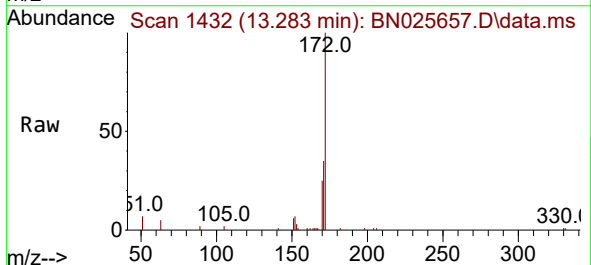
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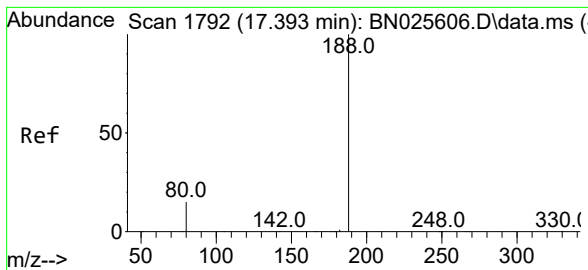
Tgt Ion: 330 Resp: 675
Ion Ratio Lower Upper
330 100
332 93.0 80.0 120.0
141 58.1 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025657.D
Acq: 27 May 2023 22:22

Tgt Ion: 172 Resp: 11067
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 24.6 19.7 29.5

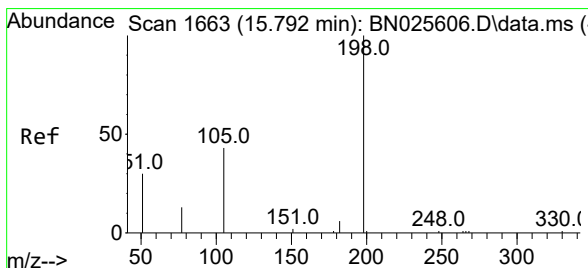
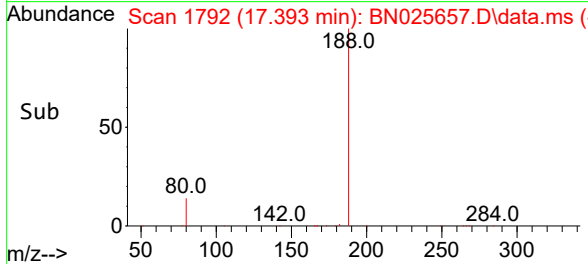
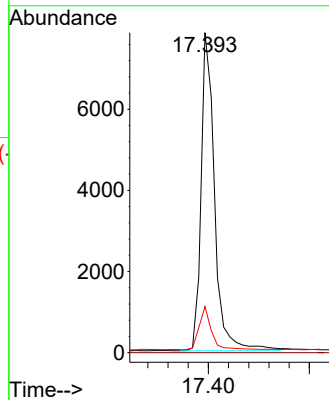
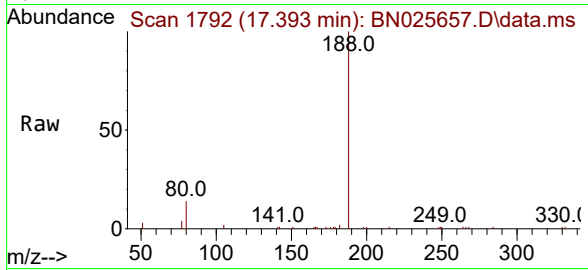




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BN025657.D
Acq: 27 May 2023 22:22

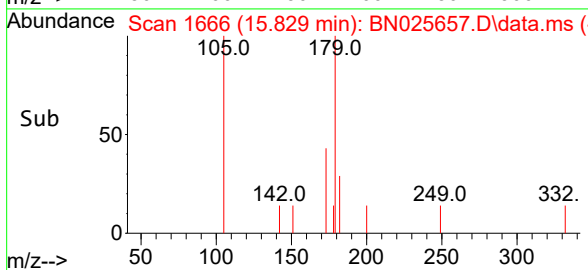
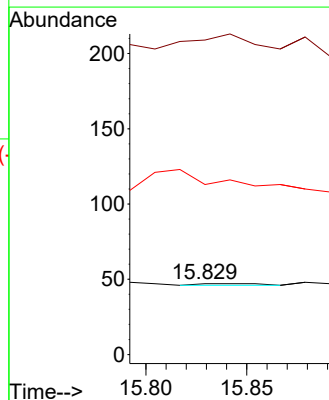
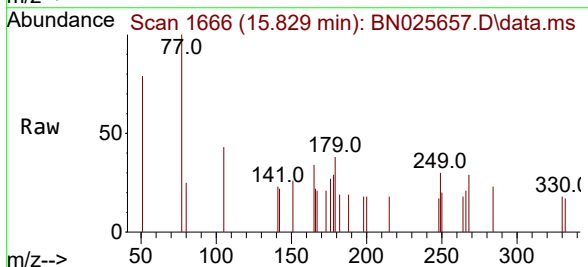
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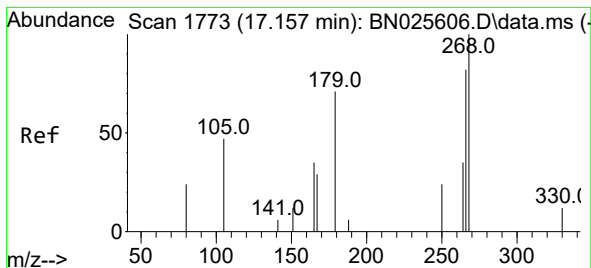
Tgt Ion:188 Resp: 14555
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 12.2 18.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.114 ng
RT: 15.829 min Scan# 1666
Delta R.T. 0.037 min
Lab File: BN025657.D
Acq: 27 May 2023 22:22

Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 444.7 110.8 166.2#
105 240.4 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.387 ng

RT: 17.071 min Scan# 1766

Delta R.T. -0.000 min

Lab File: BN025657.D

Acq: 27 May 2023 22:22

Instrument :

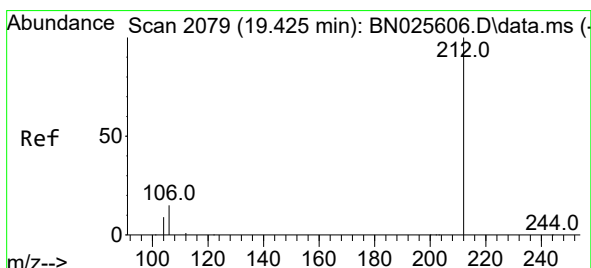
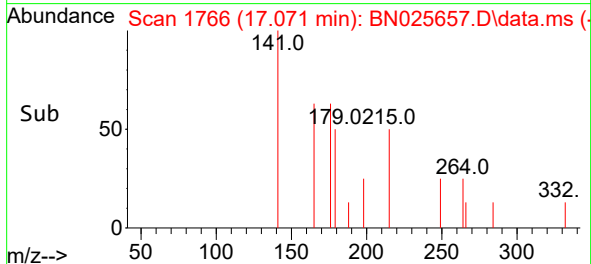
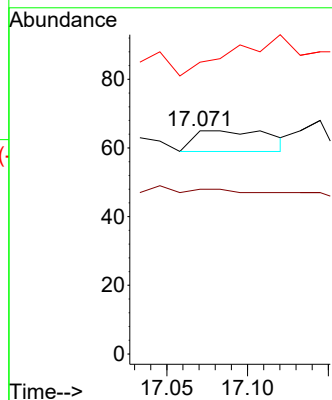
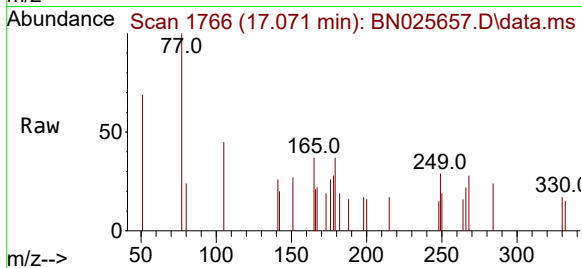
BNA_N

ClientSampleId :

DUP05-20230522

Tgt Ion:266 Resp: 20

Ion	Ratio	Lower	Upper
266	100		
264	0.0	60.0	90.0#
268	0.0	0.0	0.0



#27

Fluoranthene-d10

Concen: 0.362 ng

RT: 19.426 min Scan# 2079

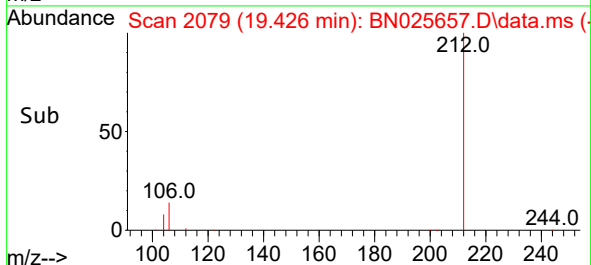
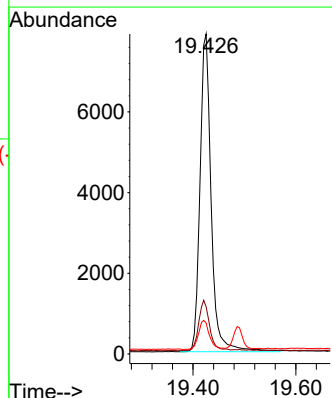
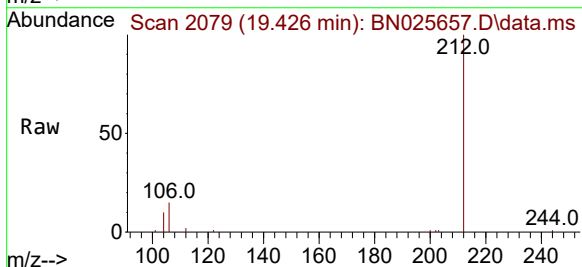
Delta R.T. 0.005 min

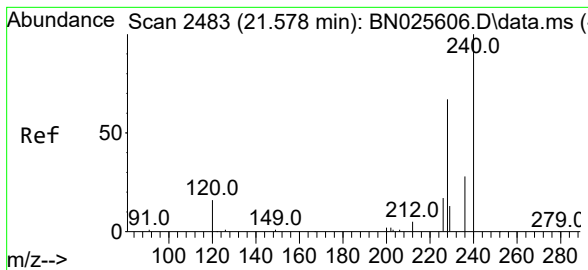
Lab File: BN025657.D

Acq: 27 May 2023 22:22

Tgt Ion:212 Resp: 11946

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: BN025657.D

Acq: 27 May 2023 22:22

Instrument :

BNA_N

ClientSampleId :

DUP05-20230522

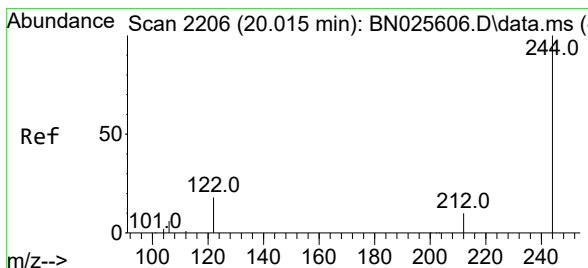
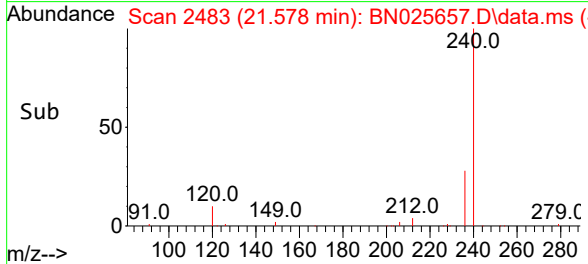
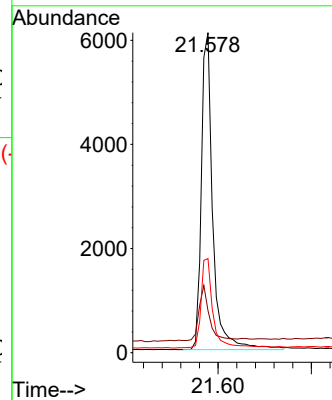
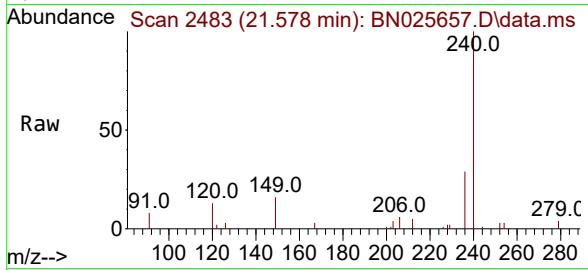
Tgt Ion:240 Resp: 10396

Ion Ratio Lower Upper

240 100

120 13.2 15.4 23.0#

236 29.4 23.2 34.8



#31

Terphenyl-d14

Concen: 0.408 ng

RT: 20.011 min Scan# 2205

Delta R.T. -0.005 min

Lab File: BN025657.D

Acq: 27 May 2023 22:22

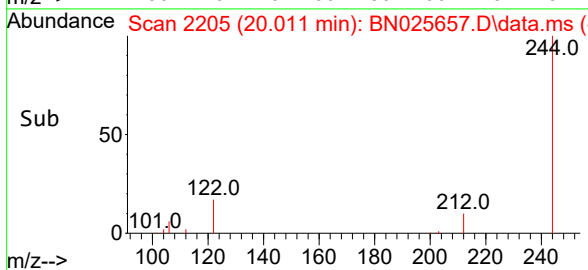
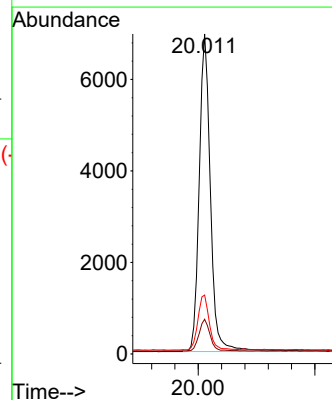
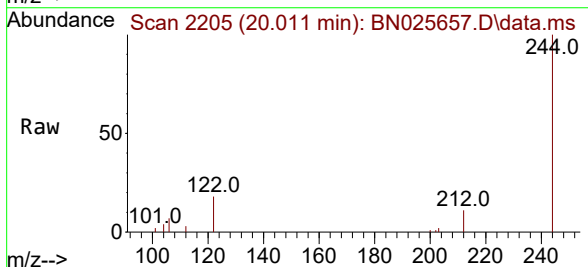
Tgt Ion:244 Resp: 9276

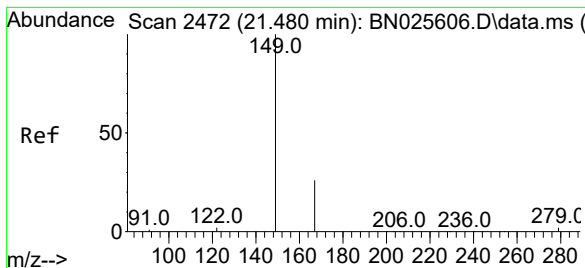
Ion Ratio Lower Upper

244 100

212 10.9 8.5 12.7

122 18.4 14.9 22.3

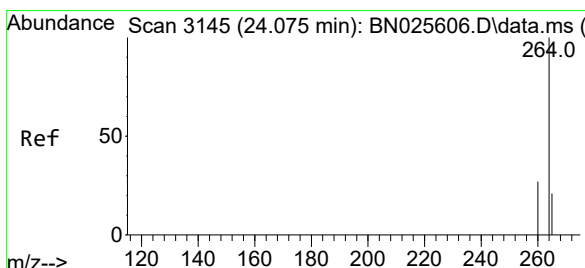
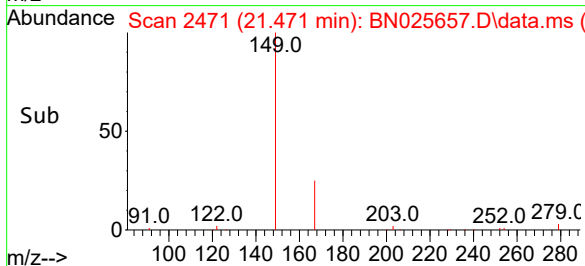
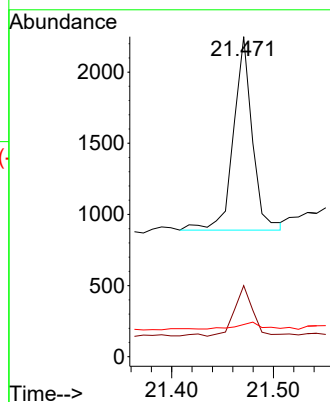
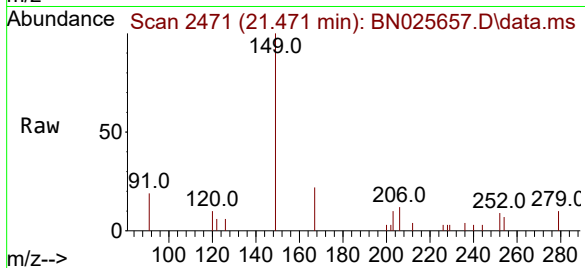




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.074 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. -0.000 min
 Lab File: BN025657.D
 Acq: 27 May 2023 22:22

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20230522

Tgt Ion:149 Resp: 1749
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.4 30.6
 279 4.5 3.3 4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.051 min Scan# 3137
 Delta R.T. -0.018 min
 Lab File: BN025657.D
 Acq: 27 May 2023 22:22

Tgt Ion:264 Resp: 11686
 Ion Ratio Lower Upper
 264 100
 260 27.5 22.3 33.5
 265 54.4 54.3 81.5

