

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020823\
 Data File : BN023992.D
 Acq On : 08 Feb 2023 16:43
 Operator : CG/JU
 Sample : 01479-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-D-020723-FD

Quant Time: Feb 08 17:19:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 02:37:27 2023
 Response via : Initial Calibration

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

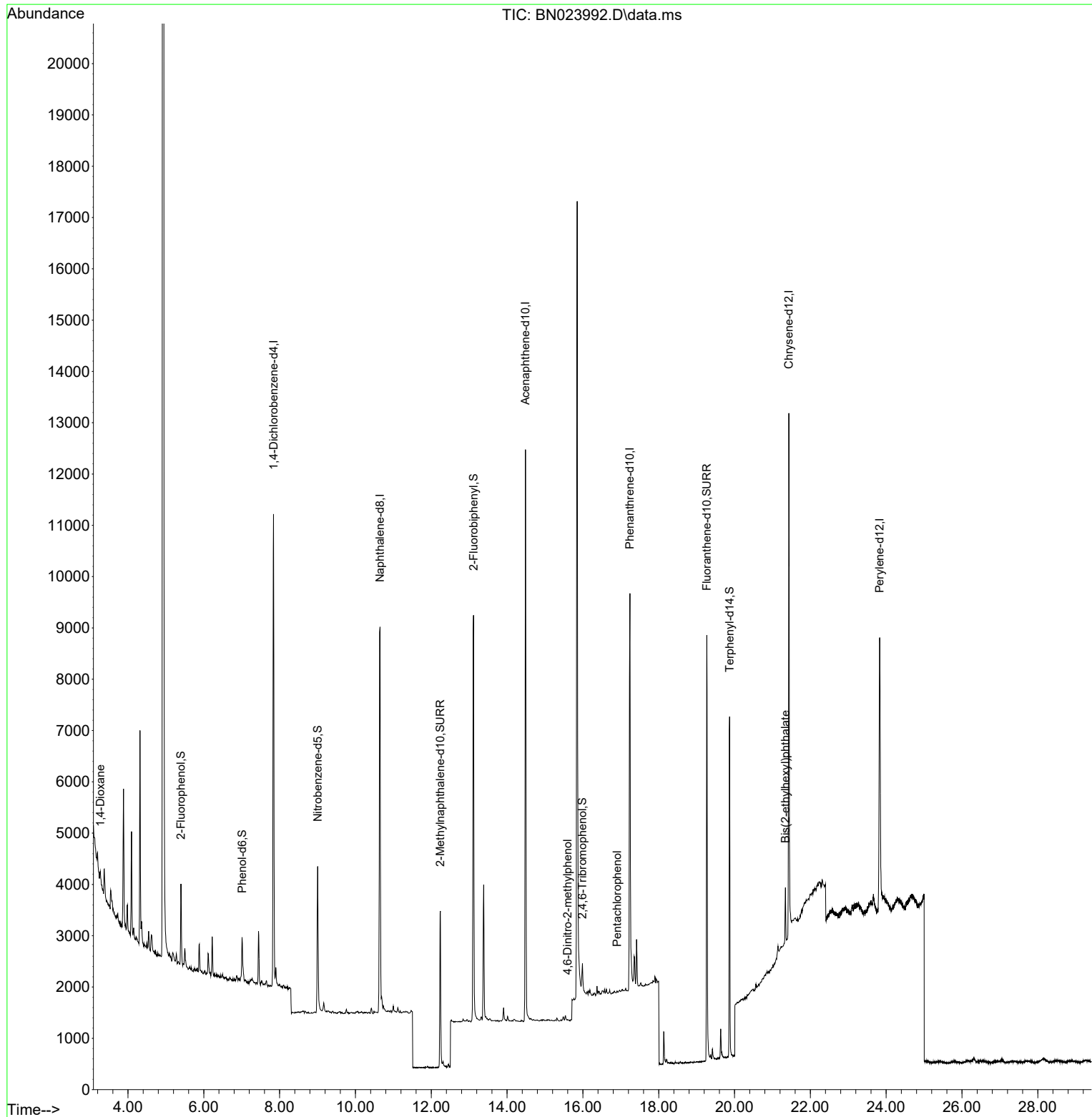
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	4589	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	10895	0.400	ng	0.00
13) Acenaphthene-d10	14.485	164	6155	0.400	ng	0.00
19) Phenanthrene-d10	17.241	188	12230	0.400	ng	0.00
29) Chrysene-d12	21.432	240	9679	0.400	ng	0.00
35) Perylene-d12	23.830	264	8068	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1240	0.130	ng	0.00
5) Phenol-d6	7.010	99	819	0.073	ng	0.00
8) Nitrobenzene-d5	9.004	82	2532	0.289	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	4368	0.288	ng	0.00
14) 2,4,6-Tribromophenol	15.987	330	357	0.113	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	7650	0.314	ng	0.00
27) Fluoranthene-d10	19.271	212	9532	0.321	ng	0.00
31) Terphenyl-d14	19.869	244	7169	0.397	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.268	88	153	0.035	ng	# 25
20) 4,6-Dinitro-2-methylph...	15.596	198	4	0.194	ng	# 1
24) Pentachlorophenol	16.906	266	26	0.173	ng	95
34) Bis(2-ethylhexyl)phtha...	21.343	149	1132	0.080	ng	# 97

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

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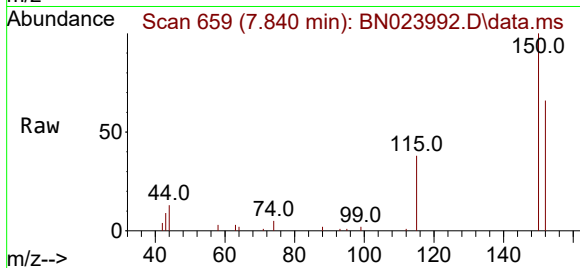
Quant Time: Feb 08 17:19:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
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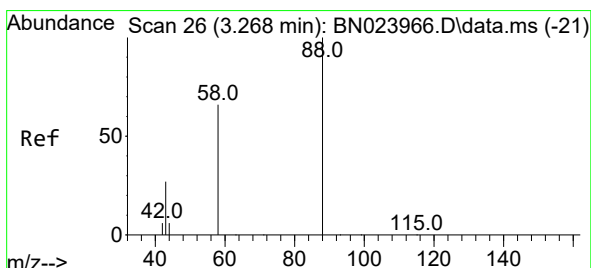
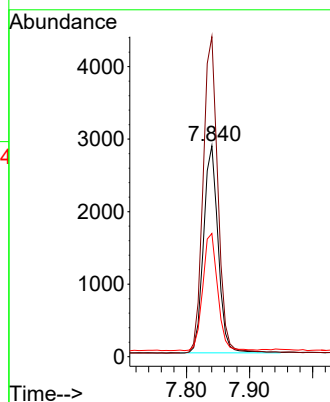
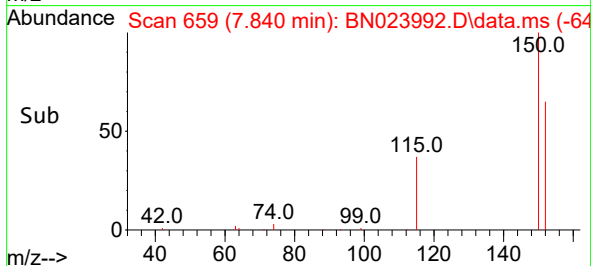


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.840 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN023992.D
 Acq: 08 Feb 2023 16:43

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-D-020723-FD

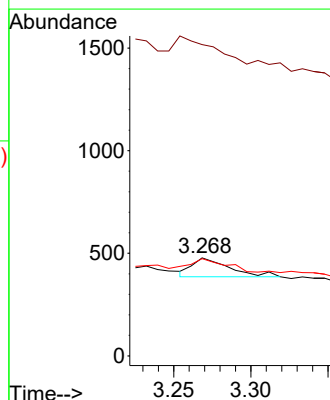
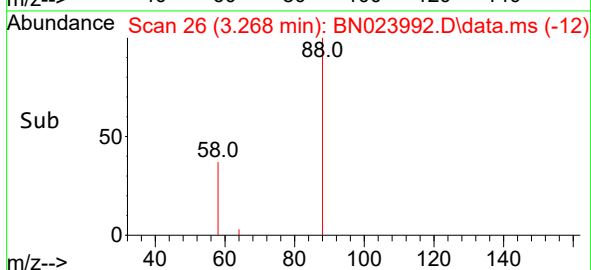
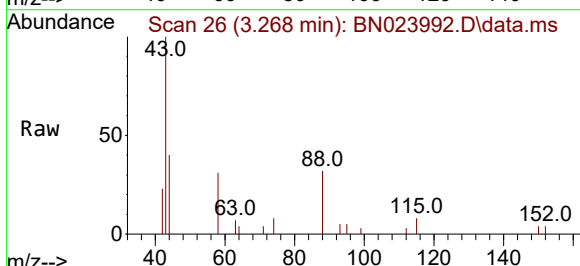


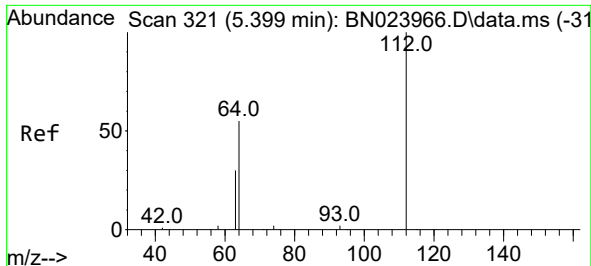
Tgt Ion:152 Resp: 4589
 Ion Ratio Lower Upper
 152 100
 150 151.8 121.8 182.6
 115 58.4 47.7 71.5



#2
 1,4-Dioxane
 Concen: 0.035 ng
 RT: 3.268 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: BN023992.D
 Acq: 08 Feb 2023 16:43

Tgt Ion: 88 Resp: 153
 Ion Ratio Lower Upper
 88 100
 43 154.2 23.7 35.5#
 58 71.9 53.4 80.2

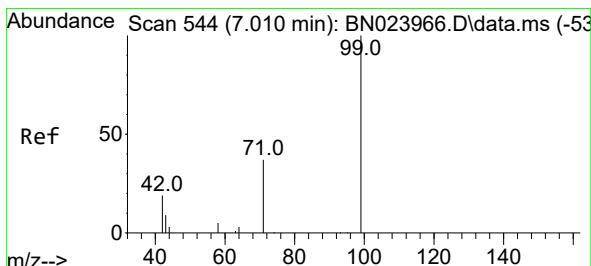
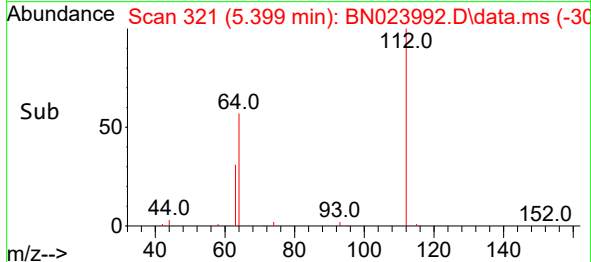
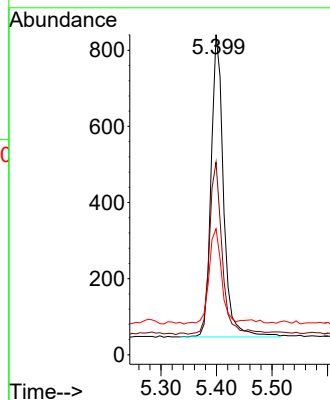
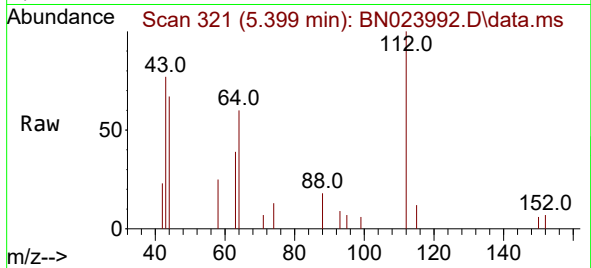




#4
2-Fluorophenol
Concen: 0.130 ng
RT: 5.399 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN023992.D
Acq: 08 Feb 2023 16:43

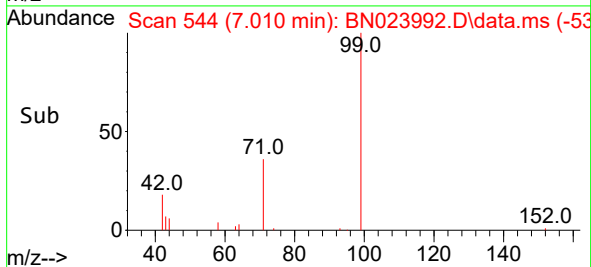
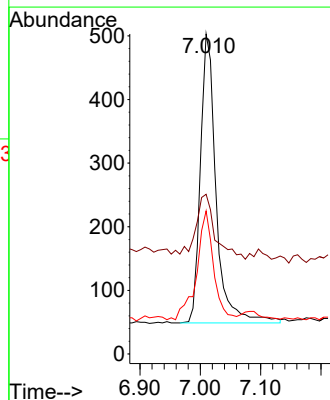
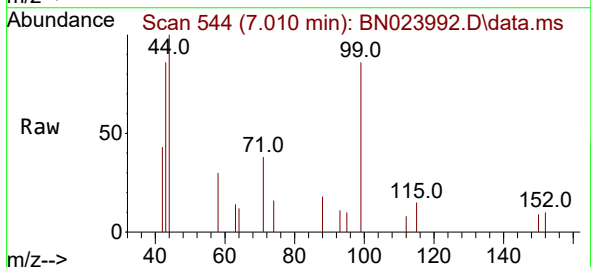
Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-D-020723-FD

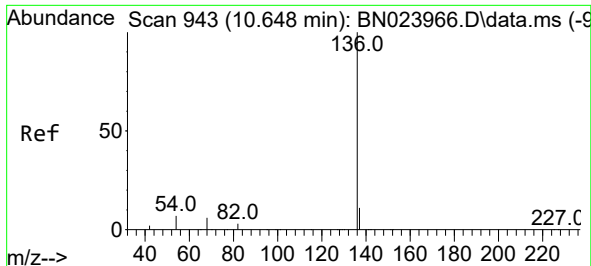
Tgt Ion:112 Resp: 1240
Ion Ratio Lower Upper
112 100
64 56.5 44.8 67.2
63 31.9 25.1 37.7



#5
Phenol-d6
Concen: 0.073 ng
RT: 7.010 min Scan# 544
Delta R.T. 0.000 min
Lab File: BN023992.D
Acq: 08 Feb 2023 16:43

Tgt Ion: 99 Resp: 819
Ion Ratio Lower Upper
99 100
42 27.6 17.0 25.6#
71 40.4 29.0 43.4

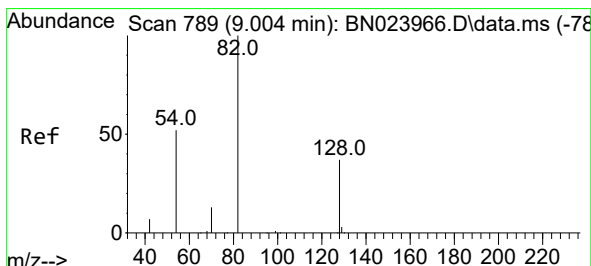
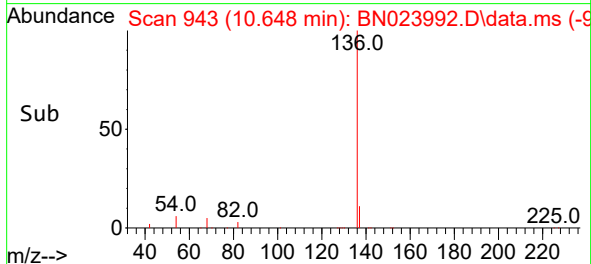
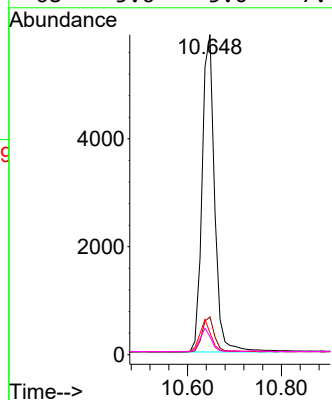
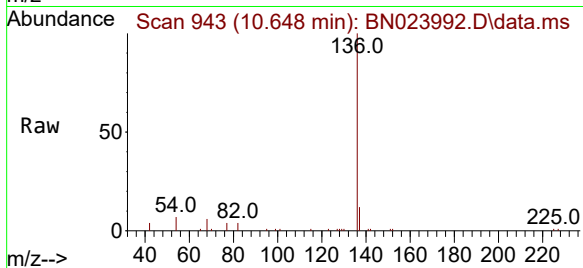




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN023992.D
Acq: 08 Feb 2023 16:43

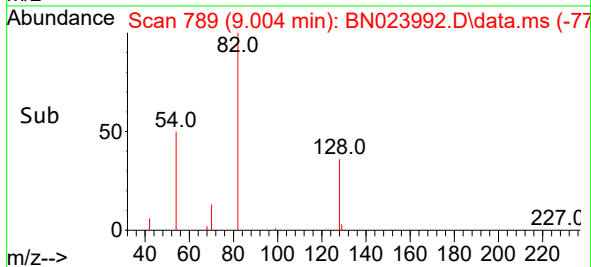
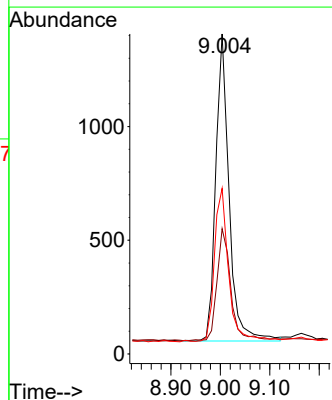
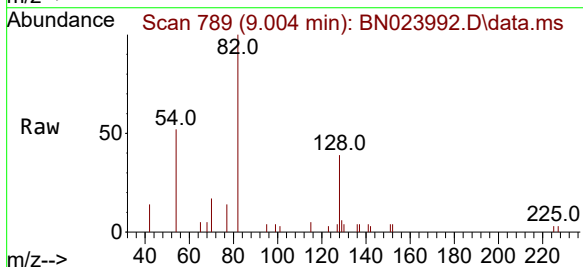
Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-D-020723-FD

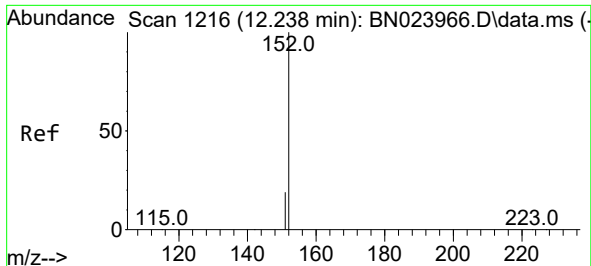
Tgt Ion:	136	Resp:	10895
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.1	13.7
54	6.9	5.8	8.8
68	5.6	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.289 ng
RT: 9.004 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN023992.D
Acq: 08 Feb 2023 16:43

Tgt Ion:	82	Resp:	2532
Ion Ratio	Lower	Upper	
82	100		
128	39.2	31.5	47.3
54	51.7	42.8	64.2

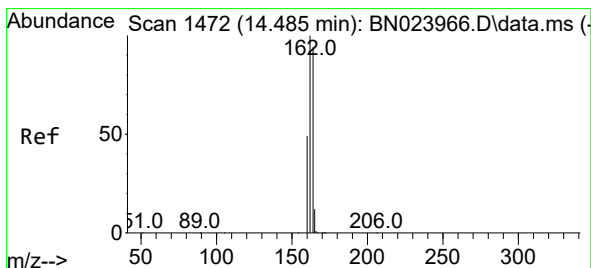
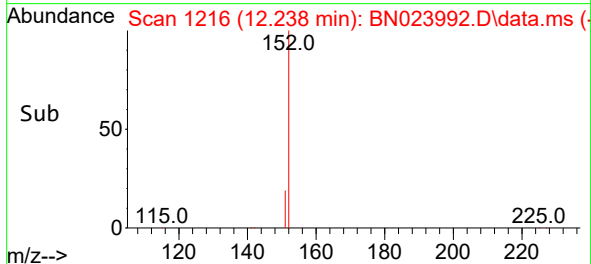
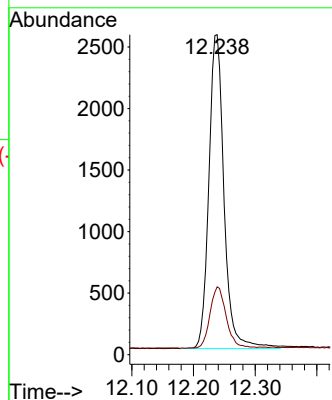
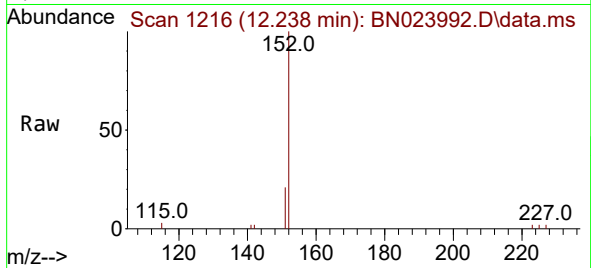




#11
2-Methylnaphthalene-d10
Concen: 0.288 ng
RT: 12.238 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BN023992.D
Acq: 08 Feb 2023 16:43

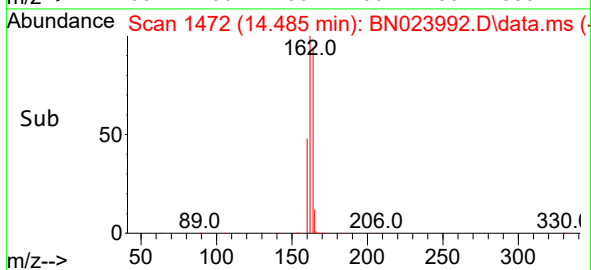
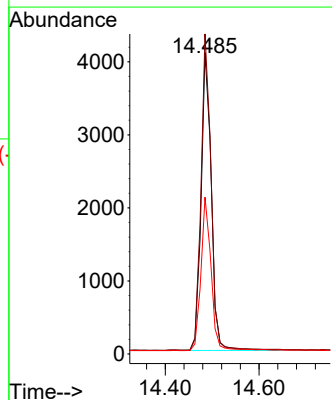
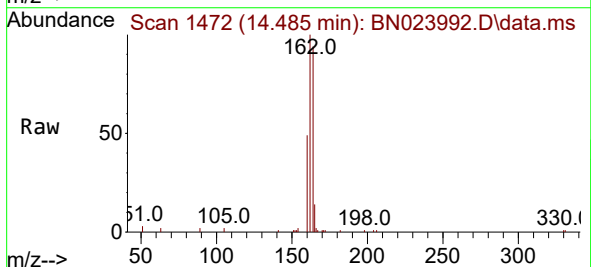
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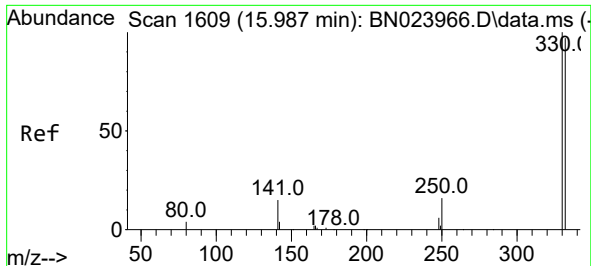
Tgt Ion:152 Resp: 4368
Ion Ratio Lower Upper
152 100
151 21.0 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN023992.D
Acq: 08 Feb 2023 16:43

Tgt Ion:164 Resp: 6155
Ion Ratio Lower Upper
164 100
162 106.1 84.8 127.2
160 52.0 42.0 63.0

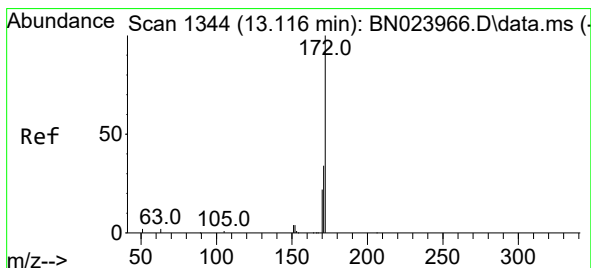
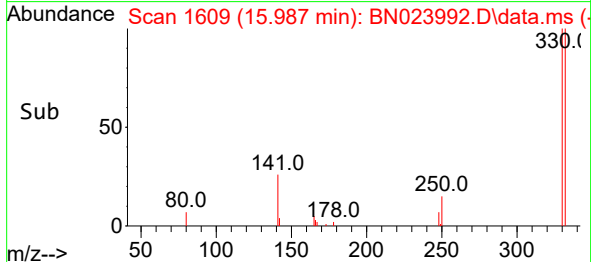
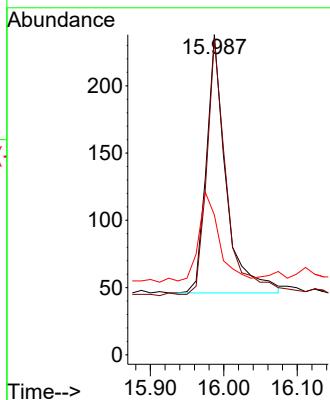
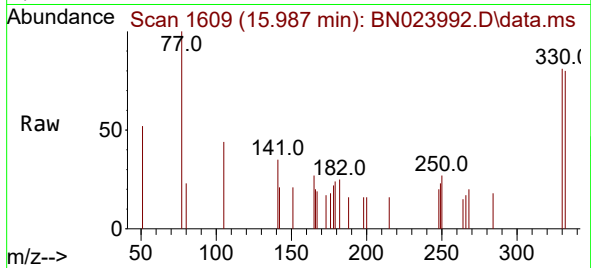




#14
2,4,6-Tribromophenol
Concen: 0.113 ng
RT: 15.987 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN023992.D
Acq: 08 Feb 2023 16:43

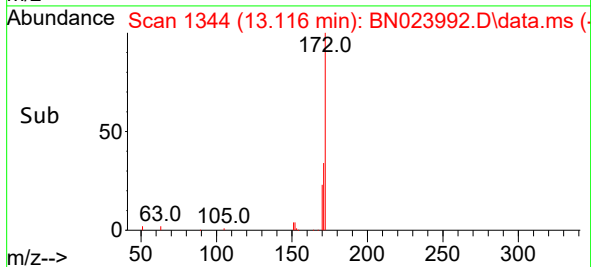
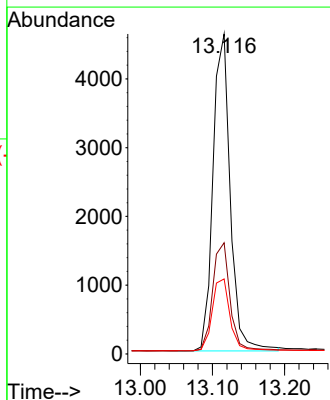
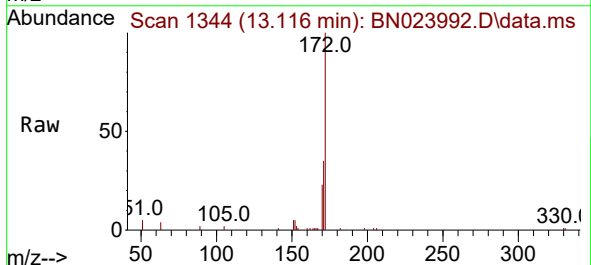
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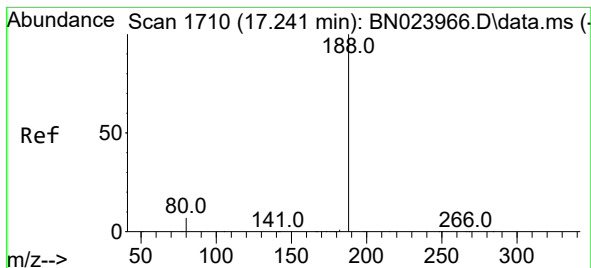
Tgt Ion:	330	Resp:	357
Ion Ratio	Lower	Upper	
330	100		
332	101.7	77.7	116.5
141	37.5	26.6	39.8



#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 13.116 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BN023992.D
Acq: 08 Feb 2023 16:43

Tgt Ion:	172	Resp:	7650
Ion Ratio	Lower	Upper	
172	100		
171	34.7	27.4	41.2
170	23.5	18.2	27.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.241 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN023992.D

Acq: 08 Feb 2023 16:43

Instrument :

BNA_N

ClientSampleId :

PW-B6-L10-D-020723-FD

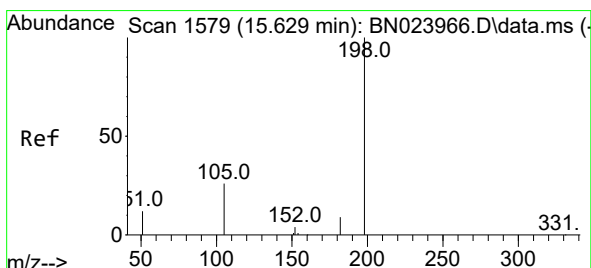
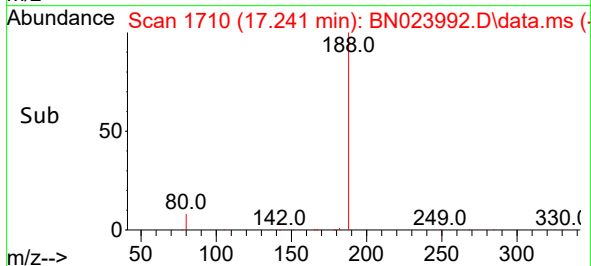
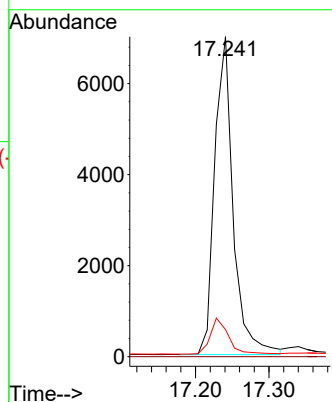
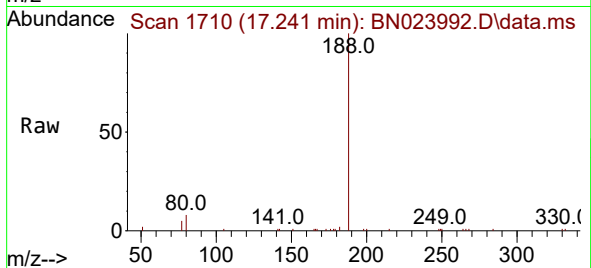
Tgt Ion:188 Resp: 12230

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.5 6.1 9.1



#20

4,6-Dinitro-2-methylphenol

Concen: 0.194 ng

RT: 15.596 min Scan# 1576

Delta R.T. -0.032 min

Lab File: BN023992.D

Acq: 08 Feb 2023 16:43

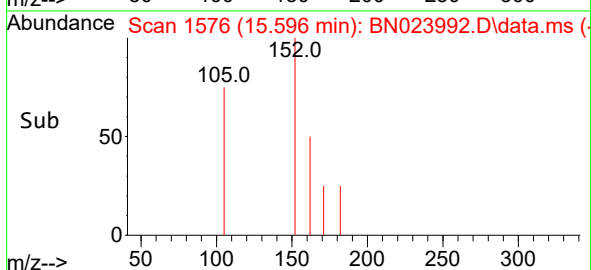
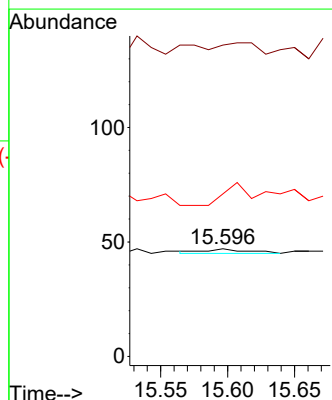
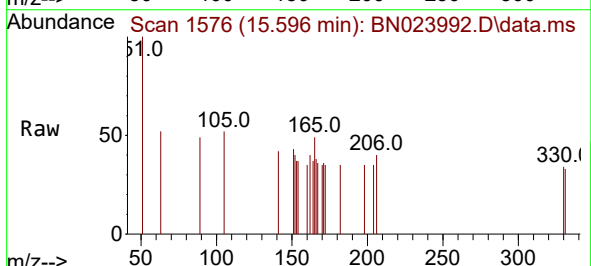
Tgt Ion:198 Resp: 4

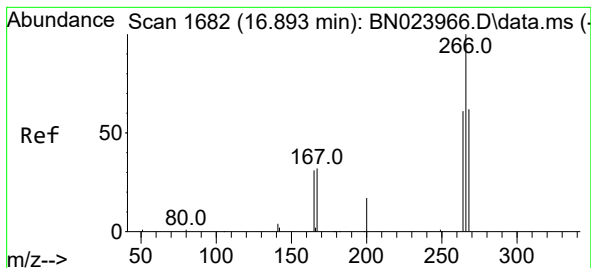
Ion Ratio Lower Upper

198 100

51 289.4 36.8 55.2#

105 151.1 28.8 43.2#





#24

Pentachlorophenol

Concen: 0.173 ng

RT: 16.906 min Scan# 1683

Delta R.T. 0.013 min

Lab File: BN023992.D

Acq: 08 Feb 2023 16:43

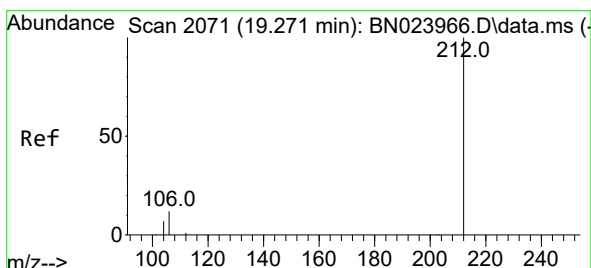
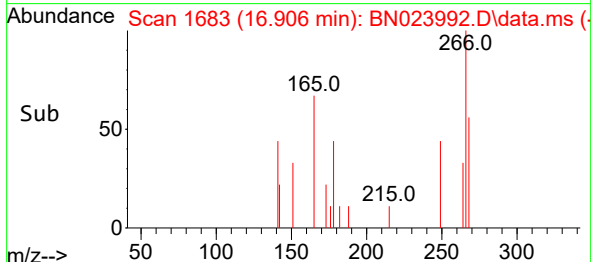
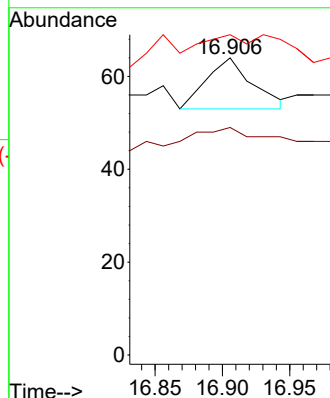
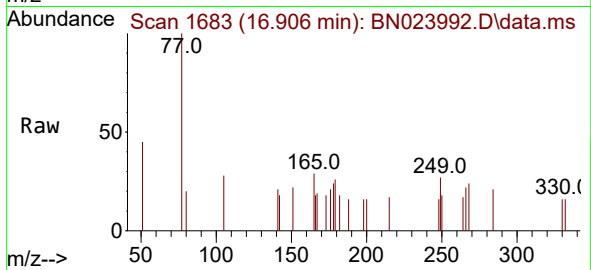
Instrument :

BNA_N

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Tgt Ion:	266	Resp:	26
Ion Ratio	Lower	Upper	
266	100		
264	65.4	47.6	71.4
268	61.5	47.5	71.3



#27

Fluoranthene-d10

Concen: 0.321 ng

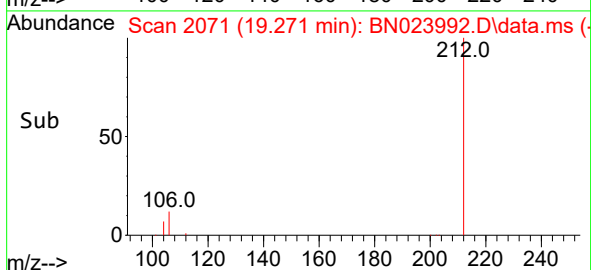
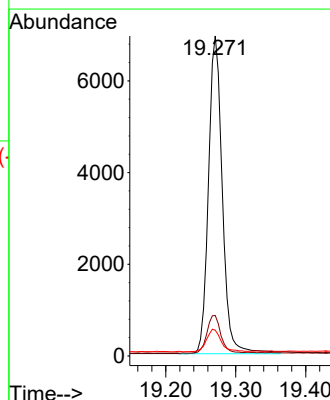
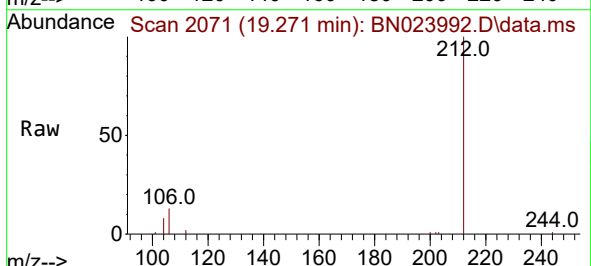
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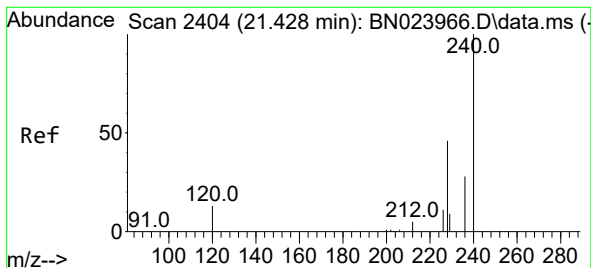
Delta R.T. 0.000 min

Lab File: BN023992.D

Acq: 08 Feb 2023 16:43

Tgt Ion:	212	Resp:	9532
Ion Ratio	Lower	Upper	
212	100		
106	11.9	9.2	13.8
104	7.2	5.7	8.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.432 min Scan# 2405

Delta R.T. 0.000 min

Lab File: BN023992.D

Acq: 08 Feb 2023 16:43

Instrument :

BNA_N

ClientSampleId :

PW-B6-L10-D-020723-FD

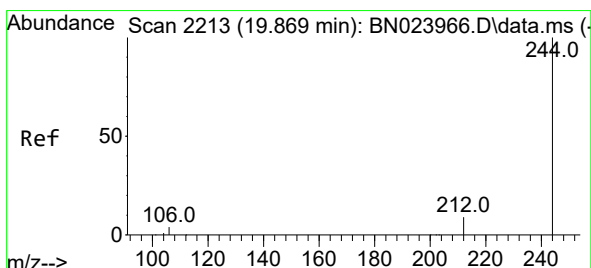
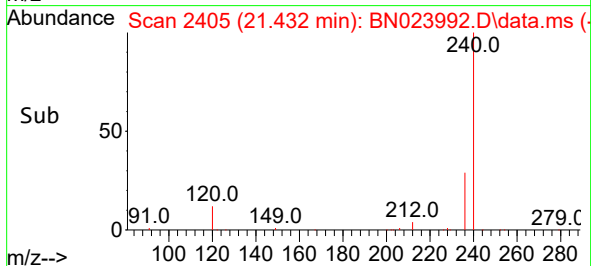
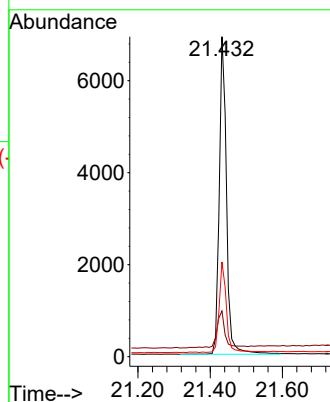
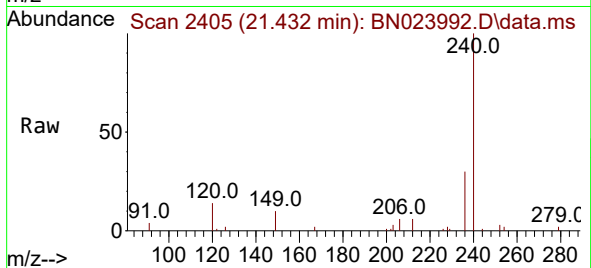
Tgt Ion:240 Resp: 9679

Ion Ratio Lower Upper

240 100

120 14.3 11.4 17.0

236 29.6 23.2 34.8



#31

Terphenyl-d14

Concen: 0.397 ng

RT: 19.869 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BN023992.D

Acq: 08 Feb 2023 16:43

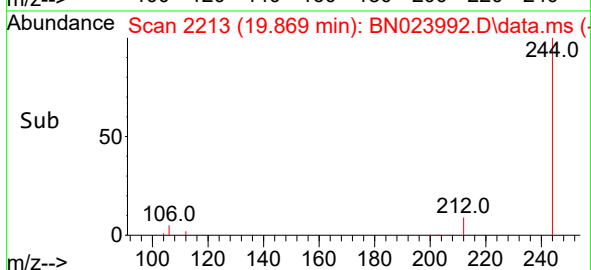
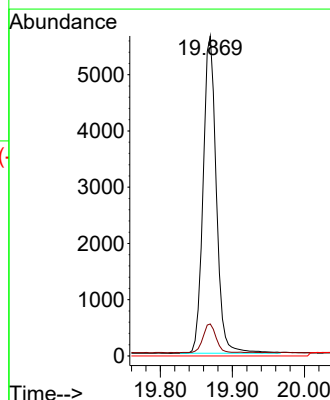
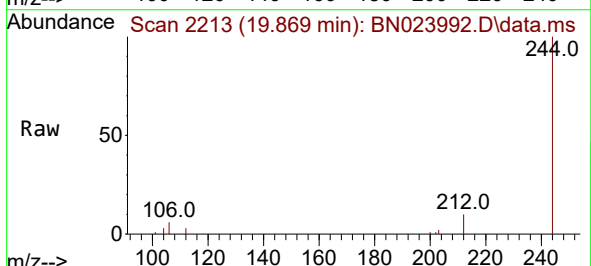
Tgt Ion:244 Resp: 7169

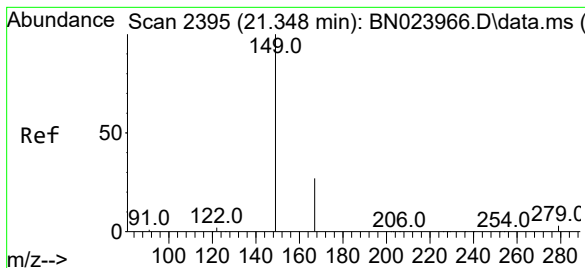
Ion Ratio Lower Upper

244 100

212 10.0 7.7 11.5

122 0.0 0.0 0.0

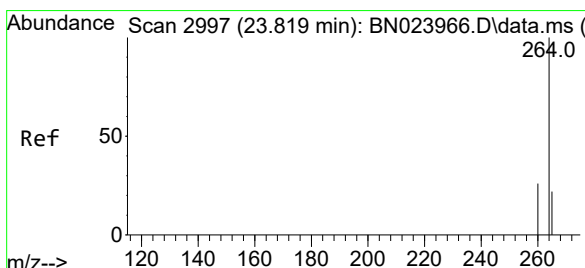
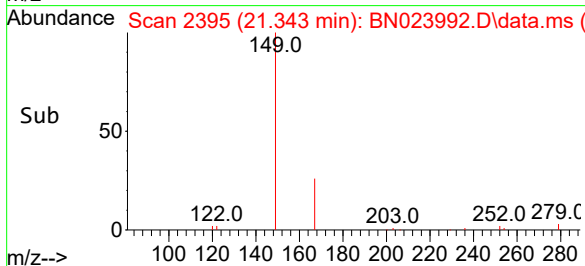
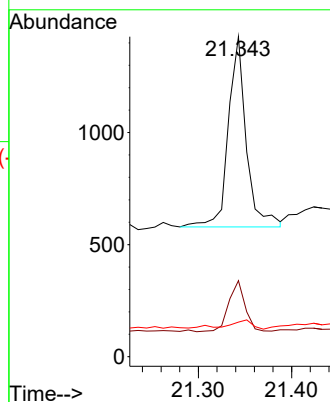
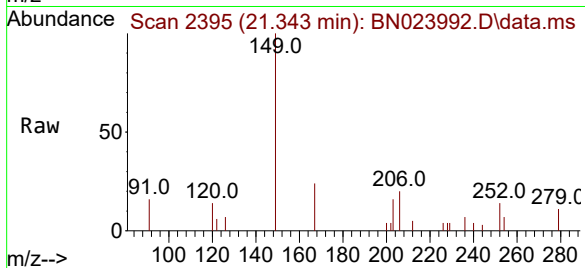




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.080 ng
 RT: 21.343 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN023992.D
 Acq: 08 Feb 2023 16:43

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-D-020723-FD

Tgt Ion:149 Resp: 1132
 Ion Ratio Lower Upper
 149 100
 167 24.6 21.1 31.7
 279 5.2 3.1 4.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.830 min Scan# 3000
 Delta R.T. 0.021 min
 Lab File: BN023992.D
 Acq: 08 Feb 2023 16:43

Tgt Ion:264 Resp: 8068
 Ion Ratio Lower Upper
 264 100
 260 27.6 21.4 32.0
 265 80.2 41.4 62.0#

