

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021523\
 Data File : BN024032.D
 Acq On : 14 Feb 2023 20:31
 Operator : CG/JU
 Sample : 01516-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OWBR-01-160-180-020923-FD

Quant Time: Feb 15 03:00:05 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 15 02:55:51 2023
 Response via : Initial Calibration

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

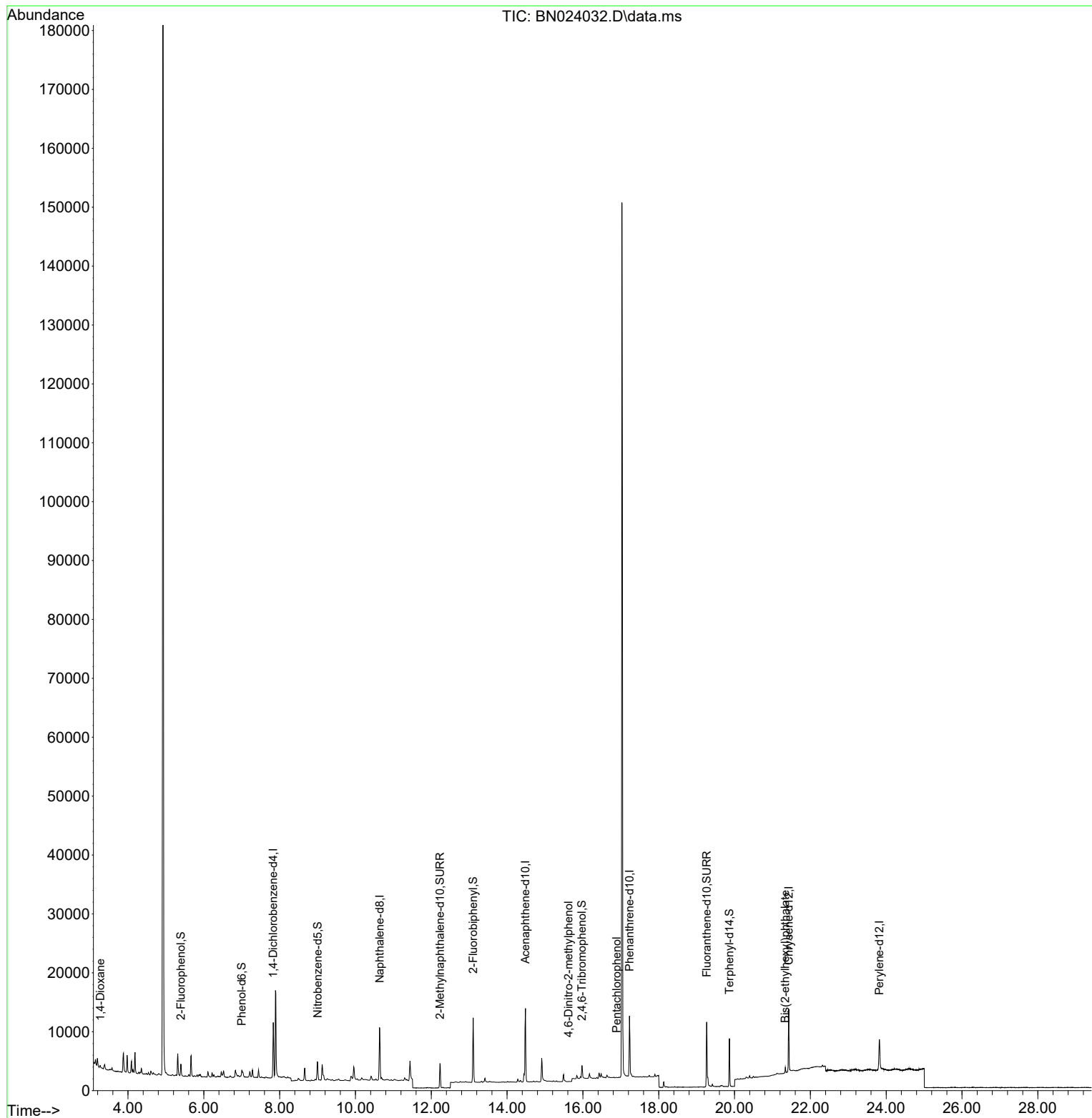
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	4411	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	11361	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	6632	0.400	ng	0.00
19) Phenanthrene-d10	17.228	188	13618	0.400	ng	# 0.00
29) Chrysene-d12	21.428	240	9117	0.400	ng	0.00
35) Perylene-d12	23.822	264	7157	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1206	0.132	ng	0.00
5) Phenol-d6	7.002	99	881	0.082	ng	0.00
8) Nitrobenzene-d5	9.003	82	2824	0.310	ng	0.00
11) 2-Methylnaphthalene-d10	12.231	152	5333	0.338	ng	0.00
14) 2,4,6-Tribromophenol	15.975	330	1234	0.361	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	8866	0.338	ng	0.00
27) Fluoranthene-d10	19.266	212	12089	0.366	ng	0.00
31) Terphenyl-d14	19.865	244	8641	0.508	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.268	88	247	0.059	ng	# 20
20) 4,6-Dinitro-2-methylph...	15.618	198	9	0.195	ng	# 1
24) Pentachlorophenol	16.893	266	48	0.177	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.339	149	1023	0.077	ng	# 94

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

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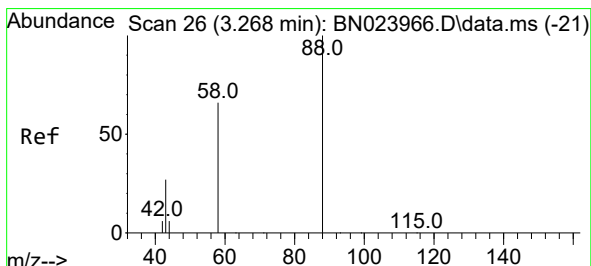
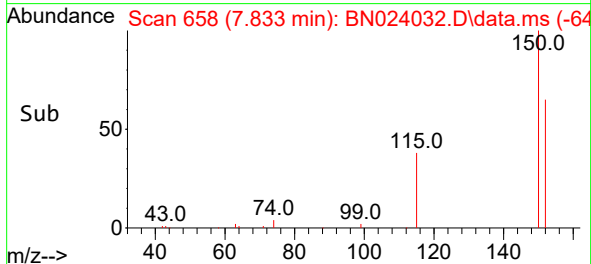
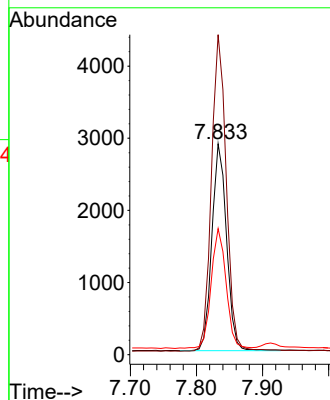
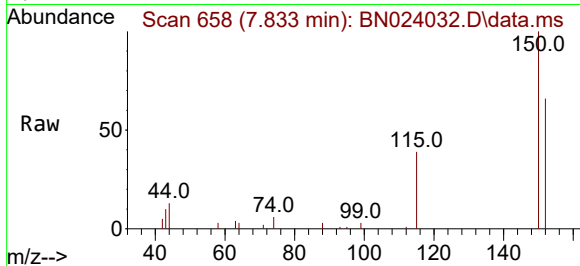




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024032.D
 Acq: 14 Feb 2023 20:31

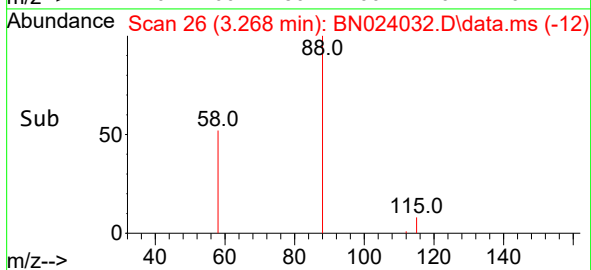
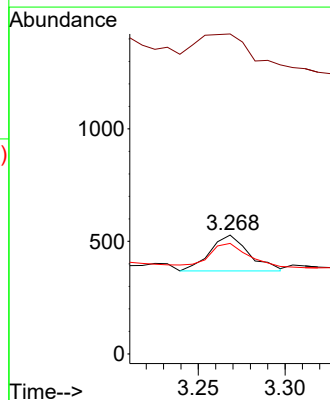
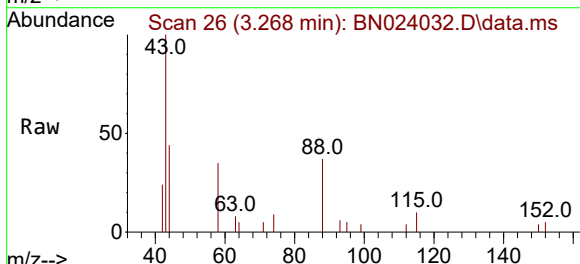
Instrument :
 BNA_N
 ClientSampleId :
 OWBR-01-160-180-020923-FD

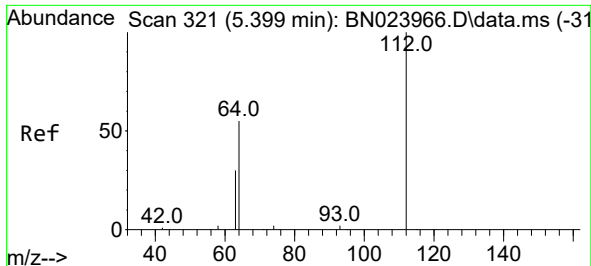
Tgt Ion:152 Resp: 4411
 Ion Ratio Lower Upper
 152 100
 150 151.7 121.8 182.6
 115 59.8 47.7 71.5



#2
 1,4-Dioxane
 Concen: 0.059 ng
 RT: 3.268 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: BN024032.D
 Acq: 14 Feb 2023 20:31

Tgt Ion: 88 Resp: 247
 Ion Ratio Lower Upper
 88 100
 43 163.2 23.7 35.5#
 58 70.9 53.4 80.2

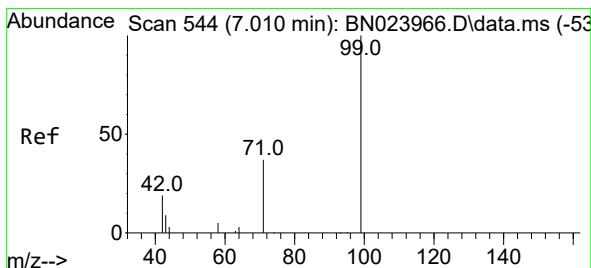
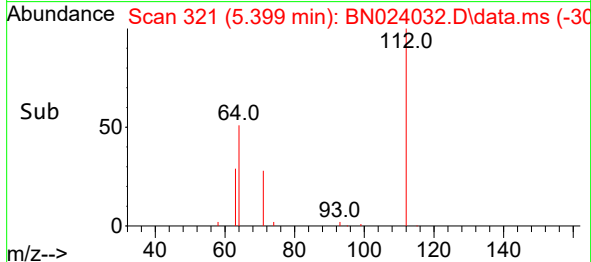
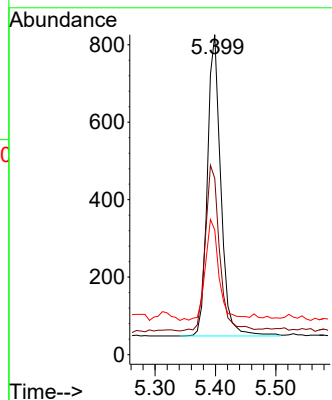
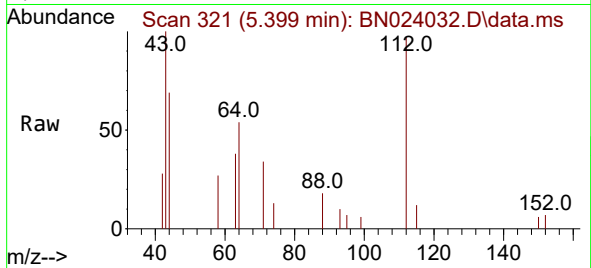




#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.399 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN024032.D
Acq: 14 Feb 2023 20:31

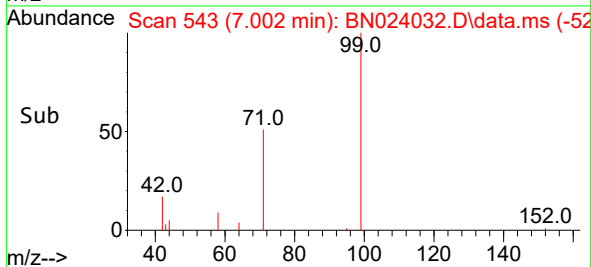
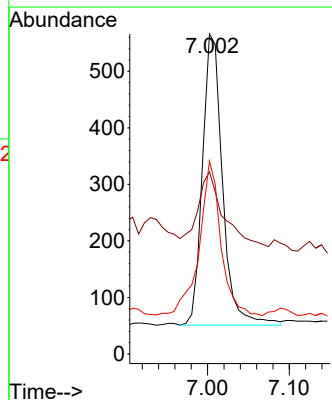
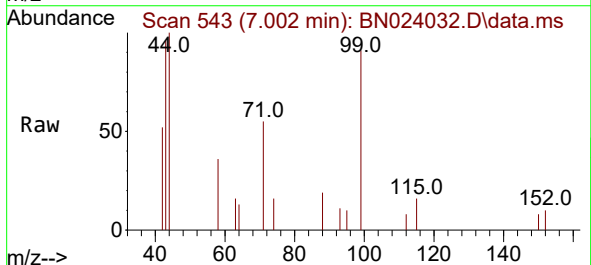
Instrument :
BNA_N
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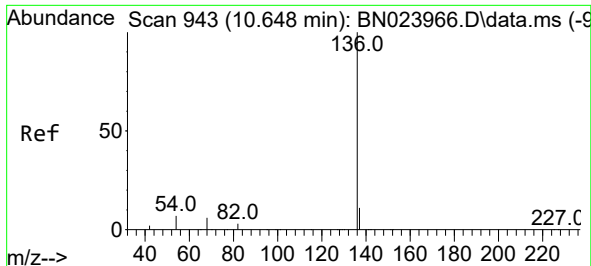
Tgt Ion:	112	Resp:	1206
Ion	Ratio	Lower	Upper
112	100		
64	58.5	44.8	67.2
63	33.2	25.1	37.7



#5
Phenol-d6
Concen: 0.082 ng
RT: 7.002 min Scan# 543
Delta R.T. 0.000 min
Lab File: BN024032.D
Acq: 14 Feb 2023 20:31

Tgt Ion:	99	Resp:	881
Ion	Ratio	Lower	Upper
99	100		
42	33.8	17.0	25.6#
71	57.3	29.0	43.4#

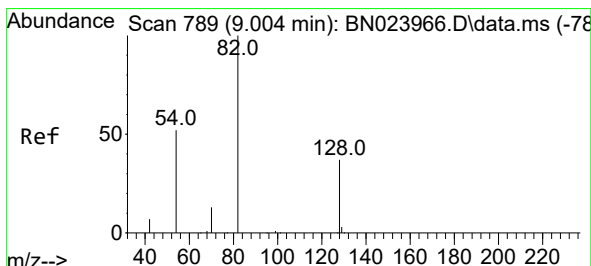
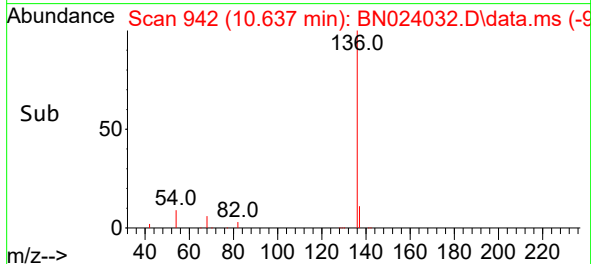
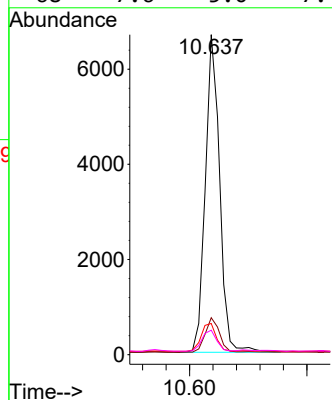
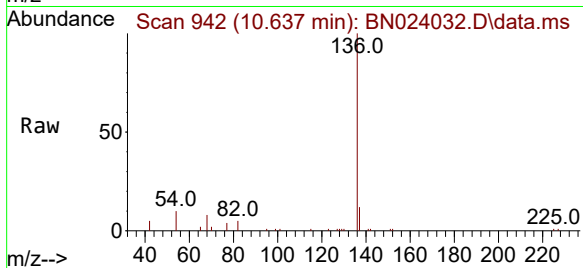




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN024032.D
Acq: 14 Feb 2023 20:31

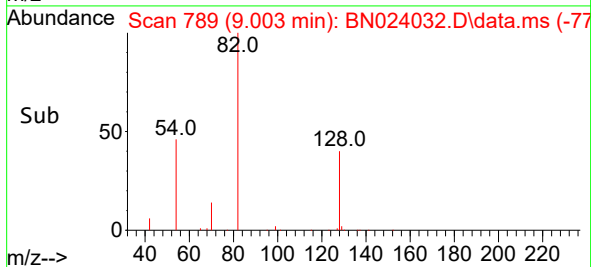
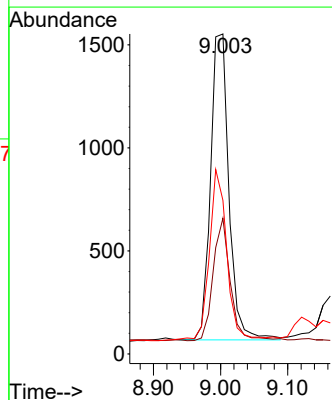
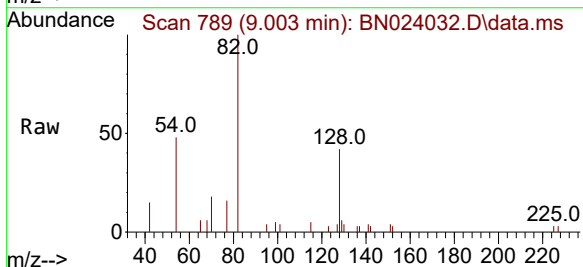
Instrument :
BNA_N
ClientSampleId :
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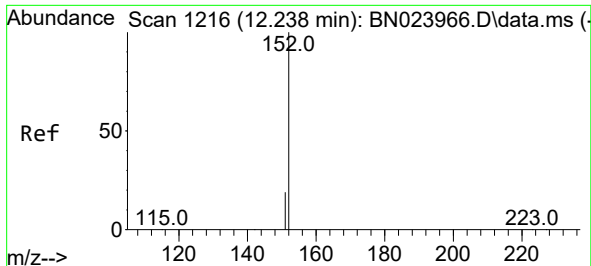
Tgt Ion:	136	Resp:	11361
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	9.8	5.8	8.8#
68	7.6	5.0	7.4#



#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN024032.D
Acq: 14 Feb 2023 20:31

Tgt Ion:	82	Resp:	2824
Ion Ratio	Lower	Upper	
82	100		
128	42.4	31.5	47.3
54	48.0	42.8	64.2

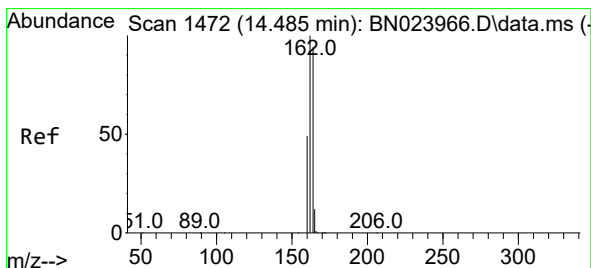
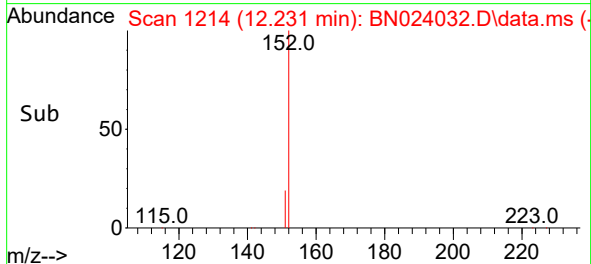
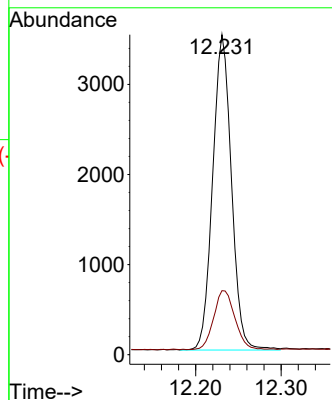
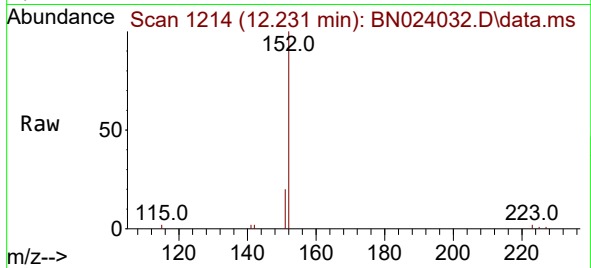




#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 12.231 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN024032.D
Acq: 14 Feb 2023 20:31

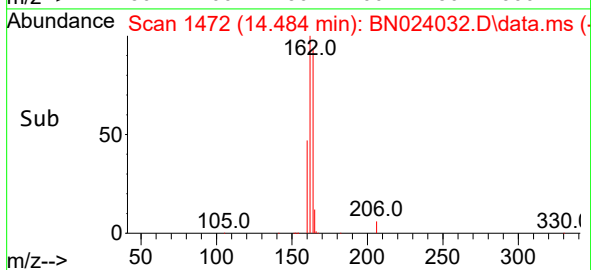
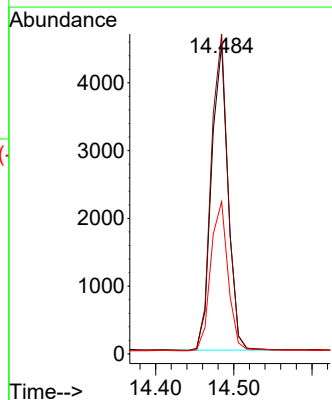
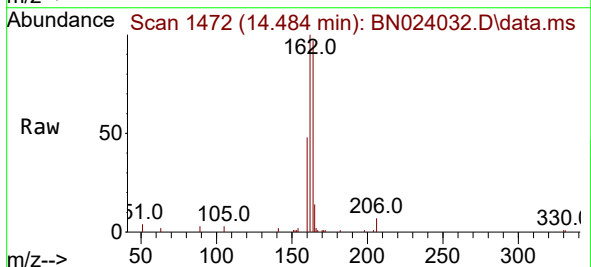
Instrument :
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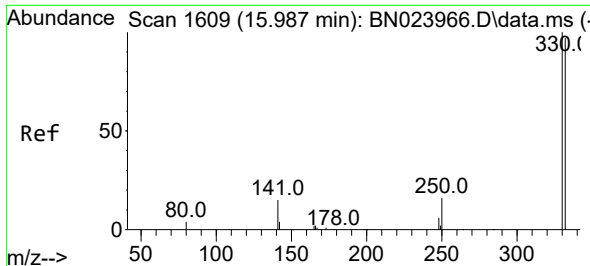
Tgt Ion:152 Resp: 5333
Ion Ratio Lower Upper
152 100
151 21.1 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN024032.D
Acq: 14 Feb 2023 20:31

Tgt Ion:164 Resp: 6632
Ion Ratio Lower Upper
164 100
162 103.3 84.8 127.2
160 49.2 42.0 63.0

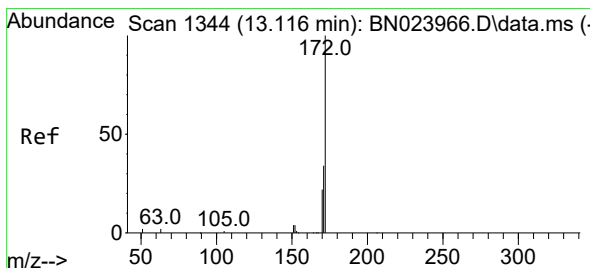
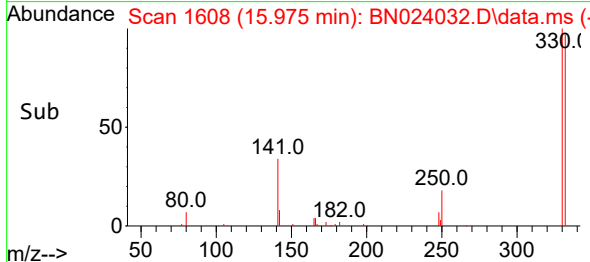
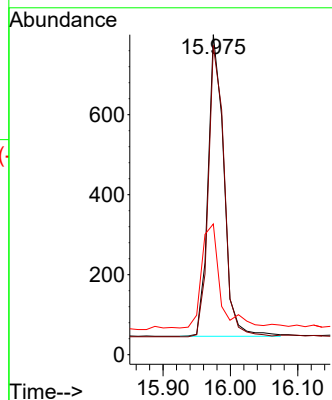
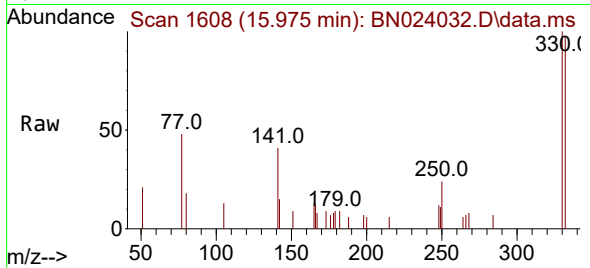




#14
2,4,6-Tribromophenol
Concen: 0.361 ng
RT: 15.975 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN024032.D
Acq: 14 Feb 2023 20:31

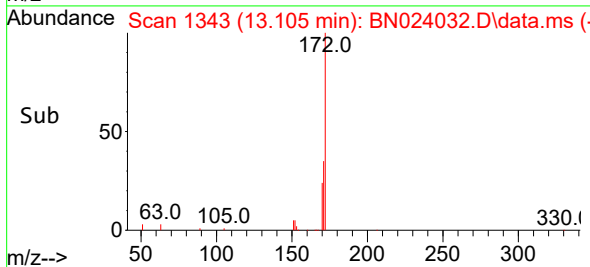
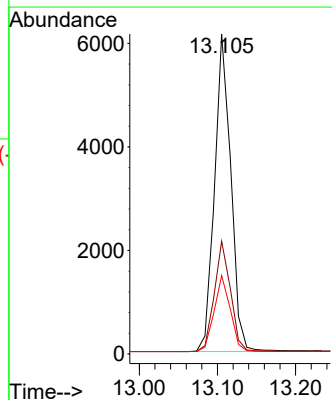
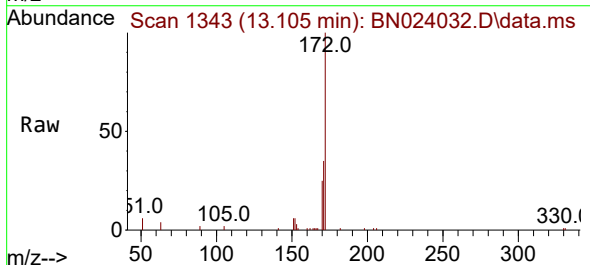
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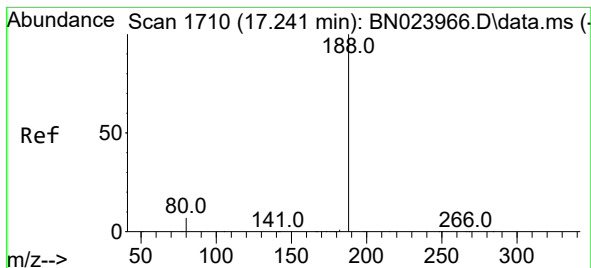
Tgt Ion:330 Resp: 1234
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 40.1 26.6 39.8#



#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 13.105 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BN024032.D
Acq: 14 Feb 2023 20:31

Tgt Ion:172 Resp: 8866
Ion Ratio Lower Upper
172 100
171 35.2 27.4 41.2
170 24.5 18.2 27.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.228 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024032.D

Acq: 14 Feb 2023 20:31

Instrument :

BNA_N

ClientSampleId :

OWBR-01-160-180-020923-FD

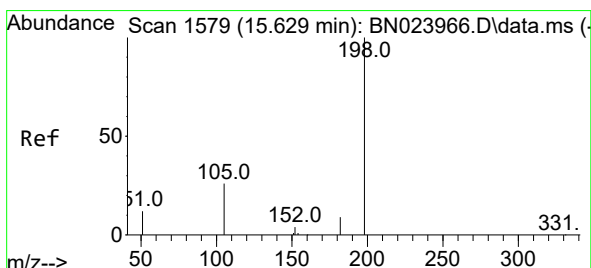
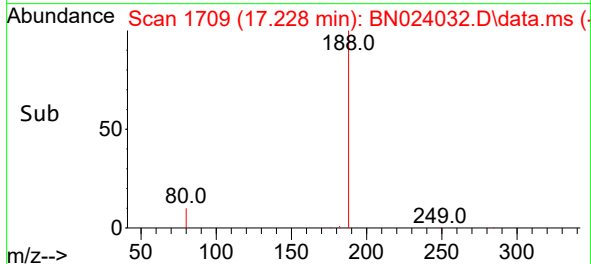
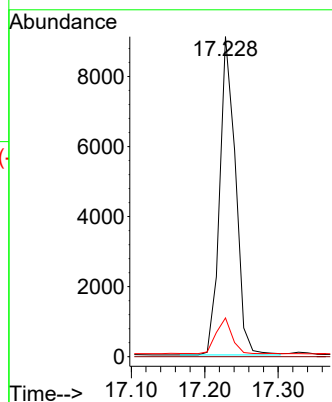
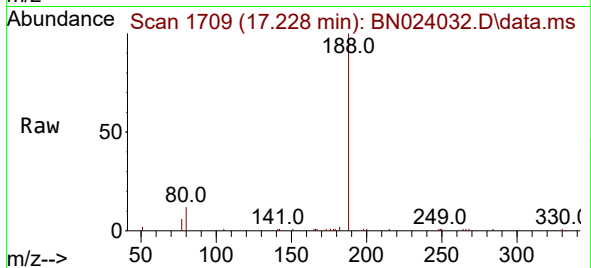
Tgt Ion:188 Resp: 13618

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.1 6.1 9.1#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.195 ng

RT: 15.618 min Scan# 1578

Delta R.T. -0.011 min

Lab File: BN024032.D

Acq: 14 Feb 2023 20:31

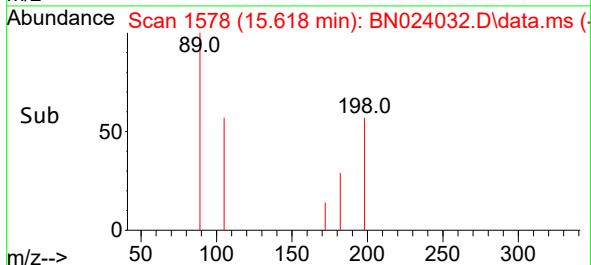
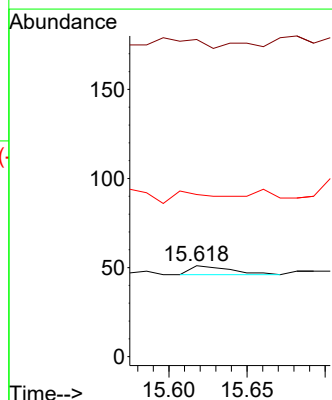
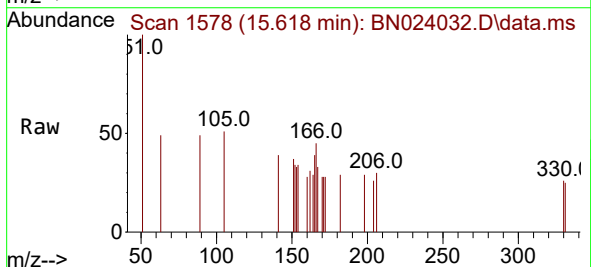
Tgt Ion:198 Resp: 9

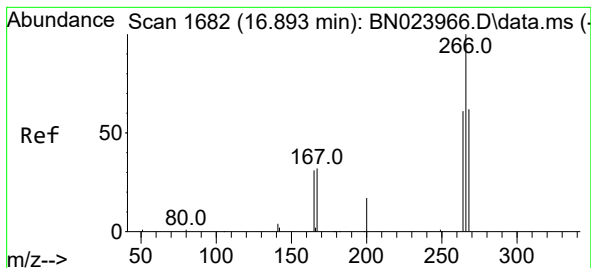
Ion Ratio Lower Upper

198 100

51 349.0 36.8 55.2#

105 178.4 28.8 43.2#





#24

Pentachlorophenol

Concen: 0.177 ng

RT: 16.893 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN024032.D

Acq: 14 Feb 2023 20:31

Instrument :

BNA_N

ClientSampleId :

OWBR-01-160-180-020923-FD

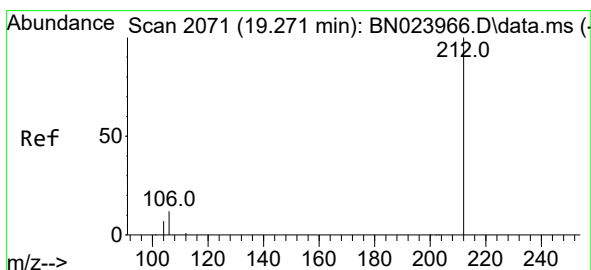
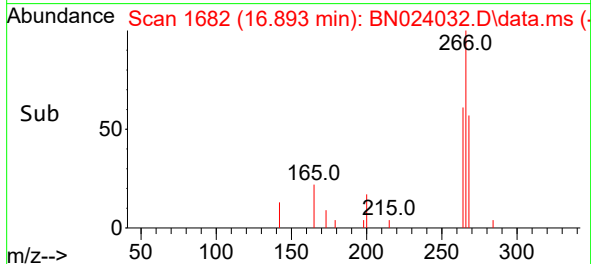
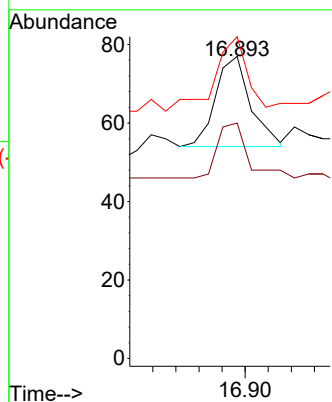
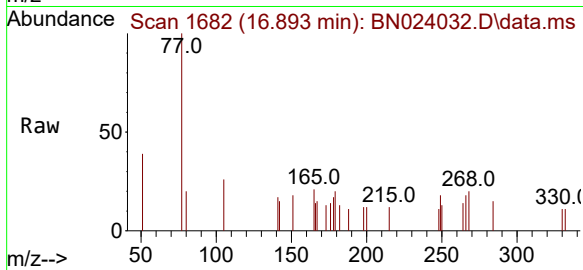
Tgt Ion:266 Resp: 48

Ion Ratio Lower Upper

266 100

264 58.3 47.6 71.4

268 81.3 47.5 71.3#



#27

Fluoranthene-d10

Concen: 0.366 ng

RT: 19.266 min Scan# 2070

Delta R.T. 0.000 min

Lab File: BN024032.D

Acq: 14 Feb 2023 20:31

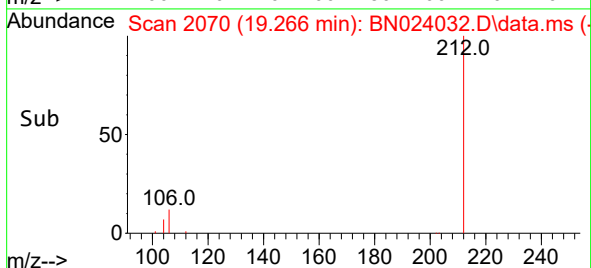
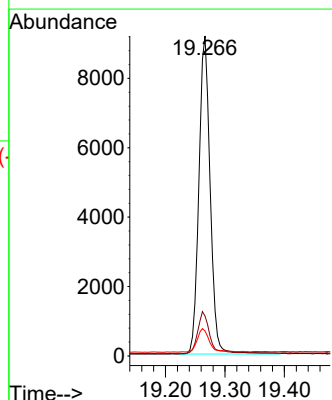
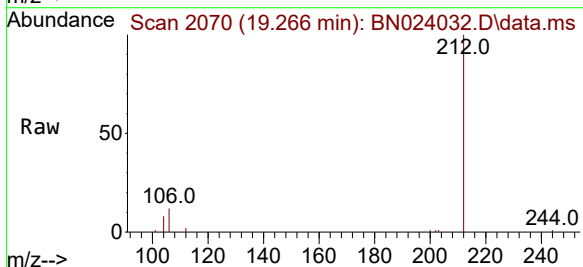
Tgt Ion:212 Resp: 12089

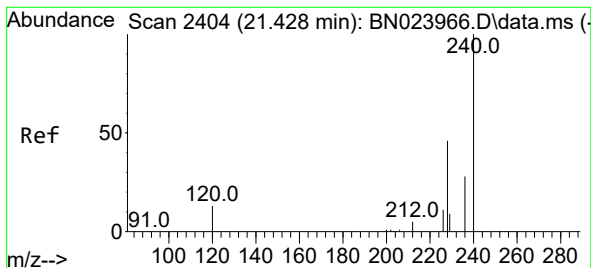
Ion Ratio Lower Upper

212 100

106 13.7 9.2 13.8

104 7.9 5.7 8.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.428 min Scan# 2404

Delta R.T. 0.000 min

Lab File: BN024032.D

Acq: 14 Feb 2023 20:31

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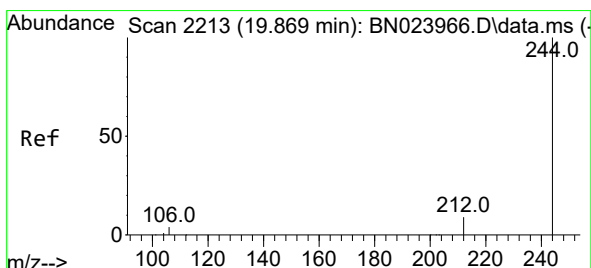
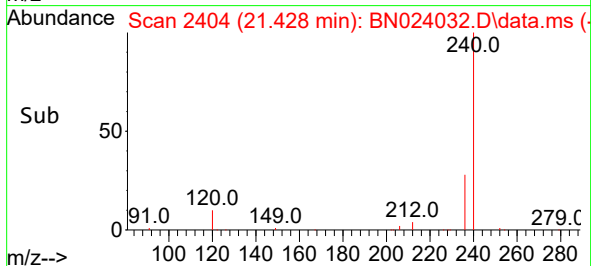
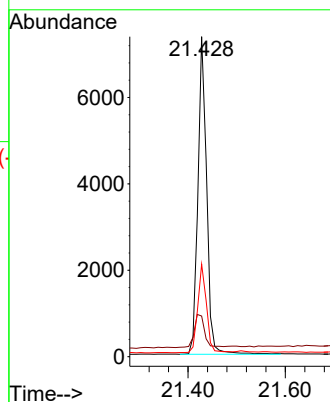
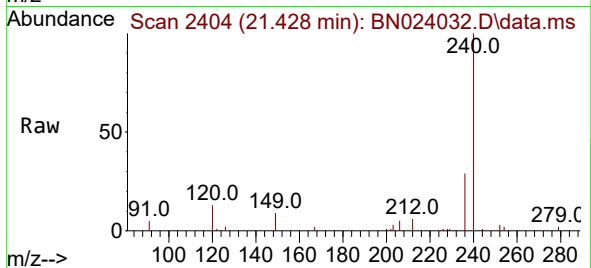
Tgt Ion:240 Resp: 9117

Ion Ratio Lower Upper

240 100

120 12.7 11.4 17.0

236 28.9 23.2 34.8



#31

Terphenyl-d14

Concen: 0.508 ng

RT: 19.865 min Scan# 2212

Delta R.T. 0.000 min

Lab File: BN024032.D

Acq: 14 Feb 2023 20:31

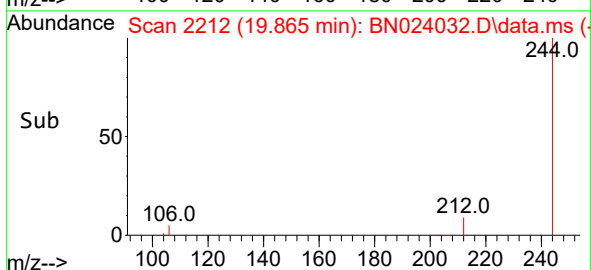
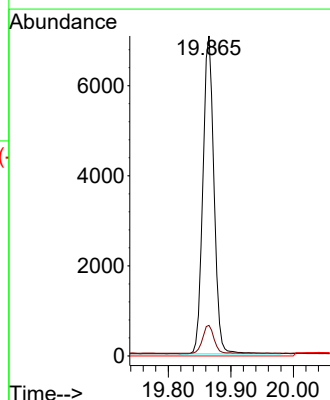
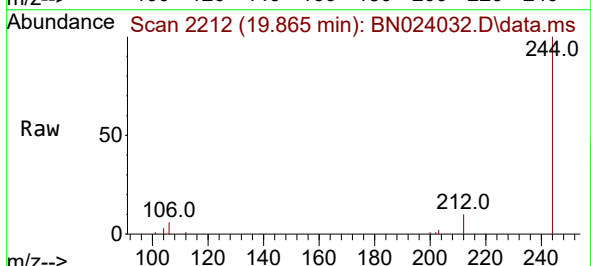
Tgt Ion:244 Resp: 8641

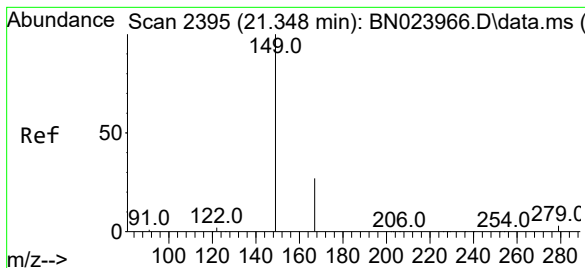
Ion Ratio Lower Upper

244 100

212 9.5 7.7 11.5

122 0.0 0.0 0.0

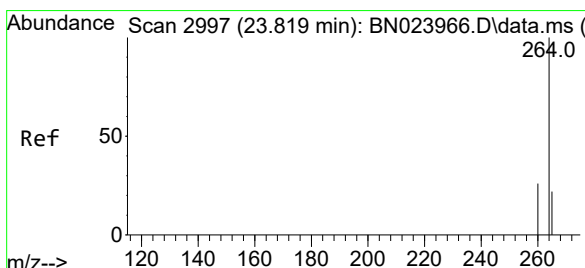
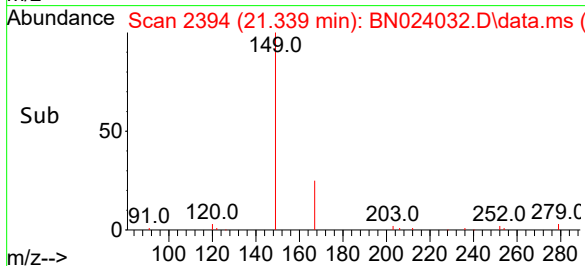
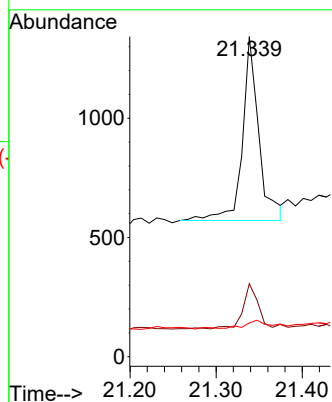
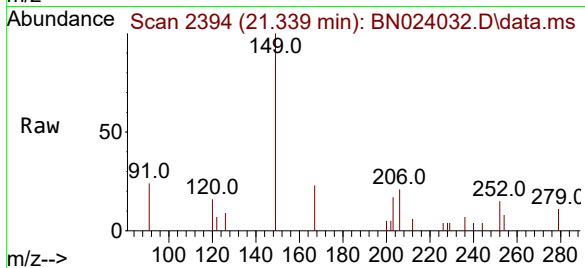




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.077 ng
 RT: 21.339 min Scan# 2139
 Delta R.T. 0.000 min
 Lab File: BN024032.D
 Acq: 14 Feb 2023 20:31

Instrument :
 BNA_N
 ClientSampleId :
 OWBR-01-160-180-020923-FD

Tgt Ion:149 Resp: 1023
 Ion Ratio Lower Upper
 149 100
 167 23.5 21.1 31.7
 279 6.8 3.1 4.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.822 min Scan# 2998
 Delta R.T. 0.003 min
 Lab File: BN024032.D
 Acq: 14 Feb 2023 20:31

Tgt Ion:264 Resp: 7157
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.4 32.0
 265 83.2 41.4 62.0#

