

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121922\
 Data File : BN023284.D
 Acq On : 19 Dec 2022 13:53
 Operator : CG/JU
 Sample : N6070-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OWBR-02-160-180-121422-H

Quant Time: Dec 19 15:21:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 05:18:26 2022
 Response via : Initial Calibration

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

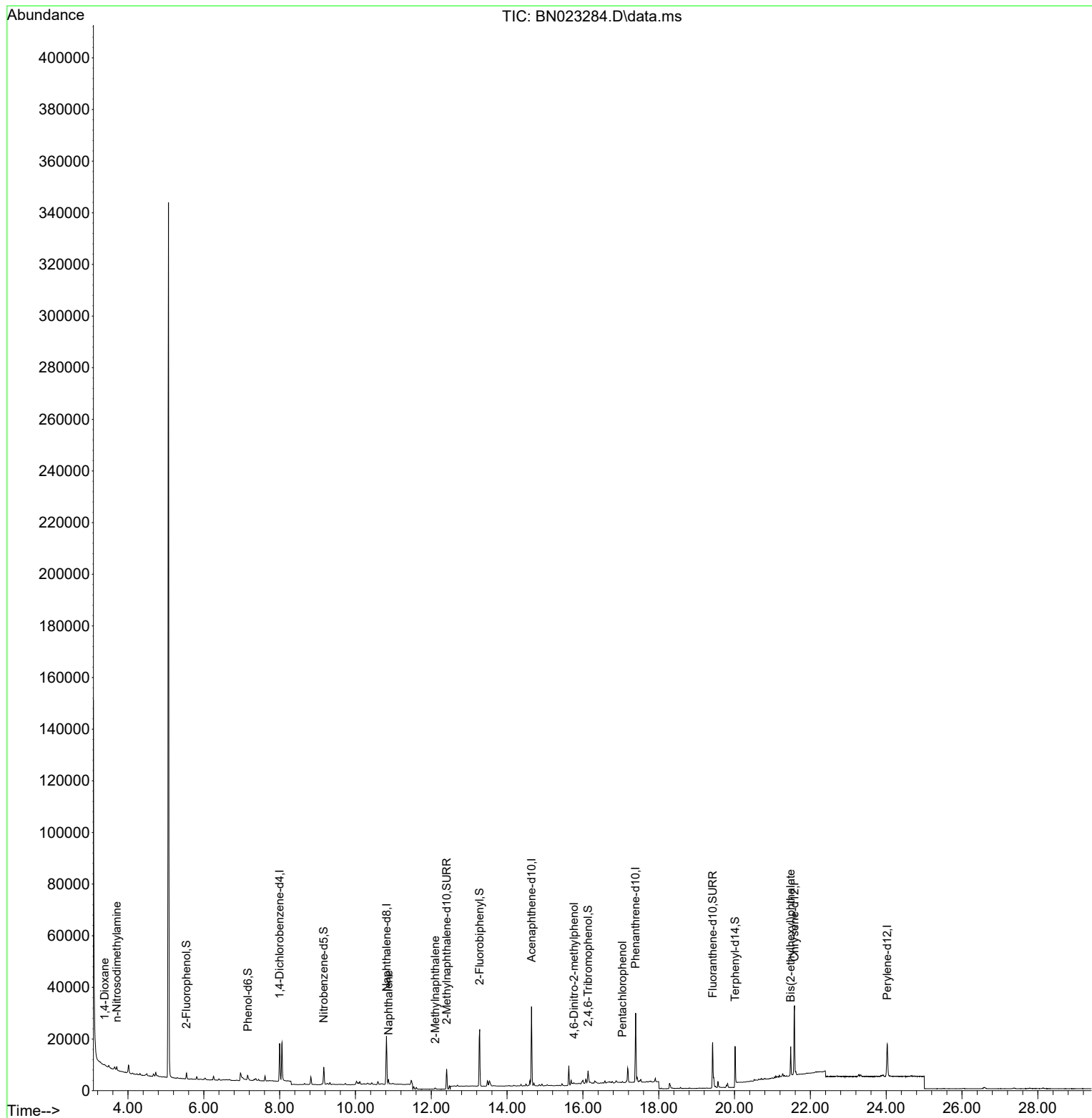
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	7230	0.400	ng	-0.02
7) Naphthalene-d8	10.818	136	23777	0.400	ng	-0.02
13) Acenaphthene-d10	14.645	164	14567	0.400	ng	-0.01
19) Phenanthrene-d10	17.390	188	32593	0.400	ng	#-0.01
29) Chrysene-d12	21.580	240	25059	0.400	ng	0.00
35) Perylene-d12	24.027	264	17925	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.543	112	1659	0.123	ng	0.00
5) Phenol-d6	7.161	99	1702	0.099	ng	0.00
8) Nitrobenzene-d5	9.163	82	5160	0.329	ng	-0.02
11) 2-Methylnaphthalene-d10	12.405	152	9896	0.245	ng	-0.02
14) 2,4,6-Tribromophenol	16.136	330	2320	0.439	ng	-0.01
15) 2-Fluorobiphenyl	13.276	172	19464	0.334	ng	-0.01
27) Fluoranthene-d10	19.422	212	18662	0.245	ng	-0.01
31) Terphenyl-d14	20.013	244	9141	0.225	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.384	88	282	0.040	ng	# 23
3) n-Nitrosodimethylamine	3.702	42	242	0.035	ng	# 1
9) Naphthalene	10.872	128	2032	0.034	ng	# 89
12) 2-Methylnaphthalene	12.102	142	701	0.078	ng	# 55
20) 4,6-Dinitro-2-methylph...	15.763	198	29	0.236	ng	# 1
24) Pentachlorophenol	17.042	266	226	0.029	ng	91
34) Bis(2-ethylhexyl)phtha...	21.482	149	9694	0.284	ng	97

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

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Response via : Initial Calibration

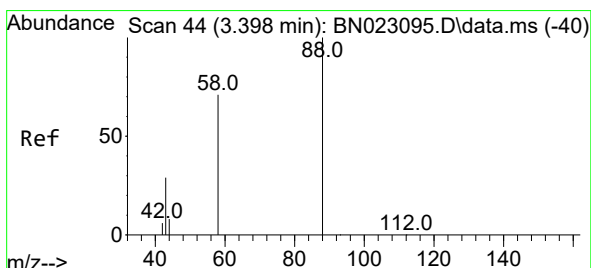
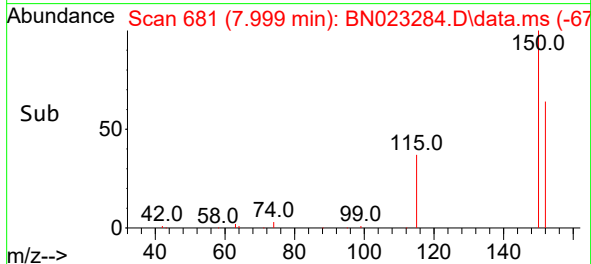
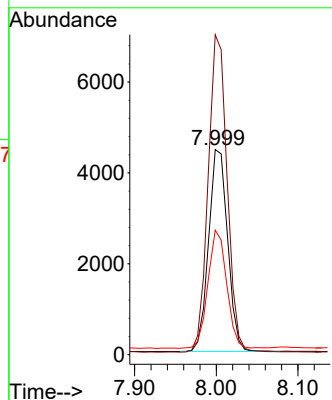
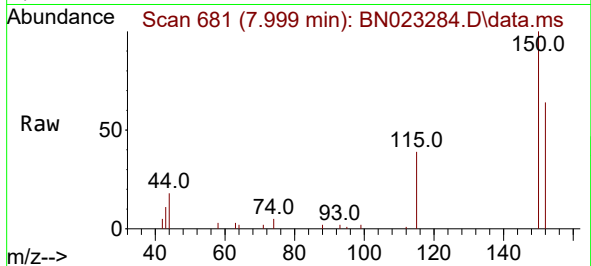




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.999 min Scan# 61
 Delta R.T. -0.022 min
 Lab File: BN023284.D
 Acq: 19 Dec 2022 13:53

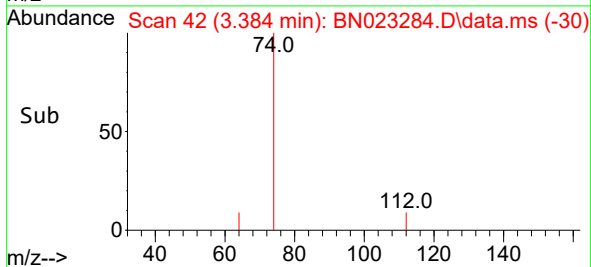
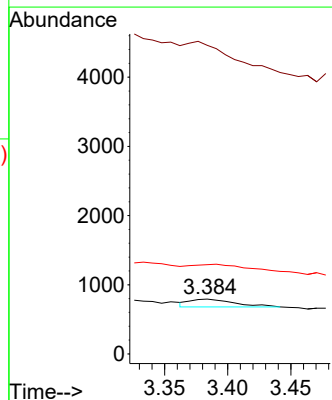
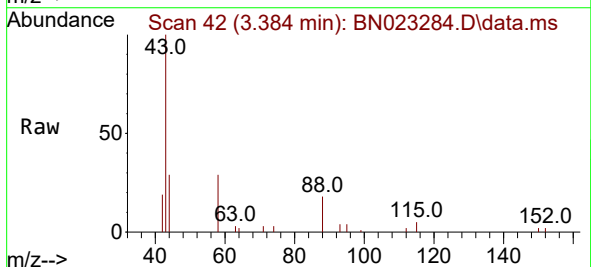
Instrument :
 BNA_N
 ClientSampleId :
 OWBR-02-160-180-121422-H

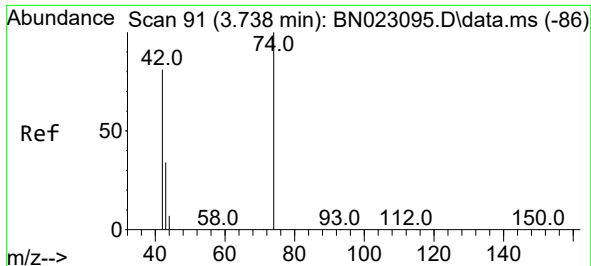
Tgt Ion:152 Resp: 7230
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.6 188.4
 115 60.7 49.0 73.4



#2
 1,4-Dioxane
 Concen: 0.040 ng
 RT: 3.384 min Scan# 42
 Delta R.T. -0.015 min
 Lab File: BN023284.D
 Acq: 19 Dec 2022 13:53

Tgt Ion: 88 Resp: 282
 Ion Ratio Lower Upper
 88 100
 43 0.0 23.3 34.9#
 58 0.0 58.0 87.0#

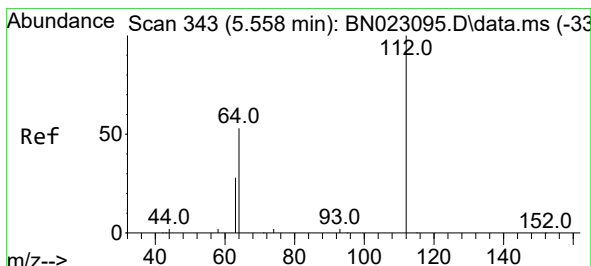
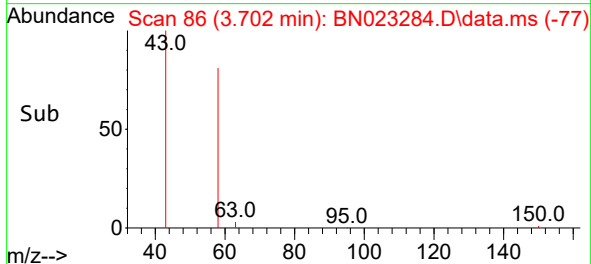
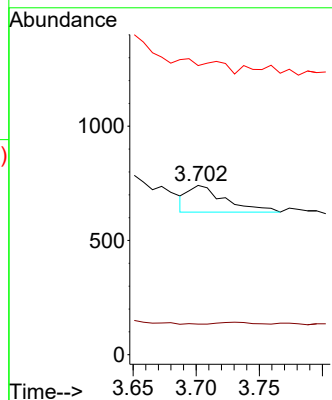
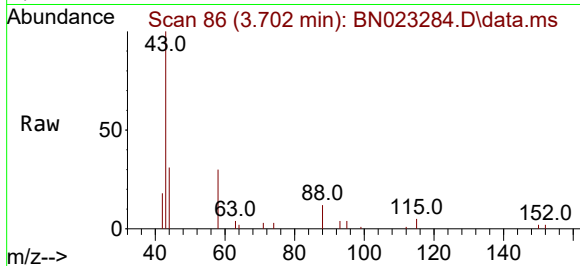




#3
 n-Nitrosodimethylamine
 Concen: 0.035 ng
 RT: 3.702 min Scan# 81
 Delta R.T. -0.036 min
 Lab File: BN023284.D
 Acq: 19 Dec 2022 13:53

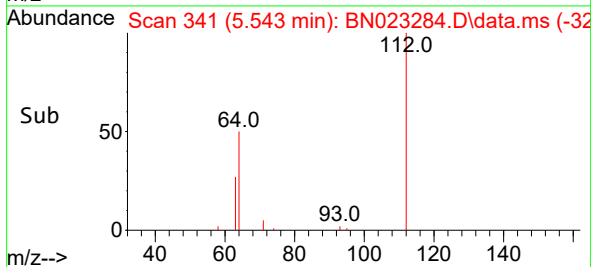
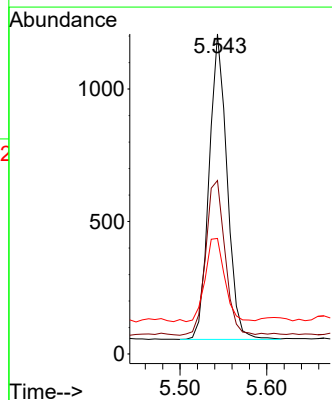
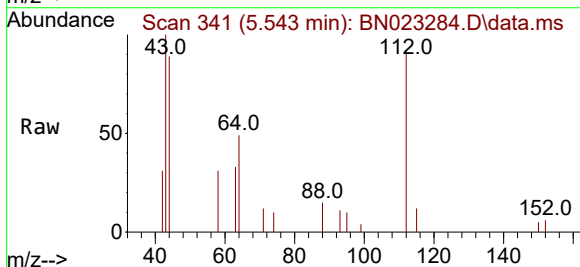
Instrument :
 BNA_N
 ClientSampleId :
 OWBR-02-160-180-121422-H

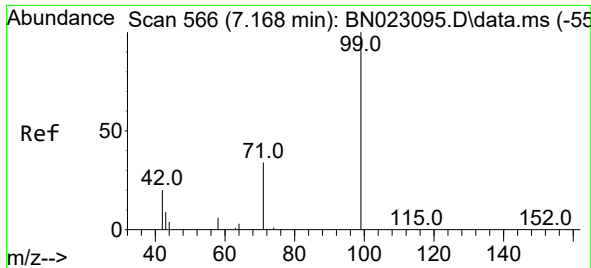
Tgt Ion: 42 Resp: 242
 Ion Ratio Lower Upper
 42 100
 74 0.0 95.8 143.6#
 44 0.0 8.4 12.6#



#4
 2-Fluorophenol
 Concen: 0.123 ng
 RT: 5.543 min Scan# 341
 Delta R.T. -0.007 min
 Lab File: BN023284.D
 Acq: 19 Dec 2022 13:53

Tgt Ion: 112 Resp: 1659
 Ion Ratio Lower Upper
 112 100
 64 54.2 44.4 66.6
 63 29.8 23.7 35.5

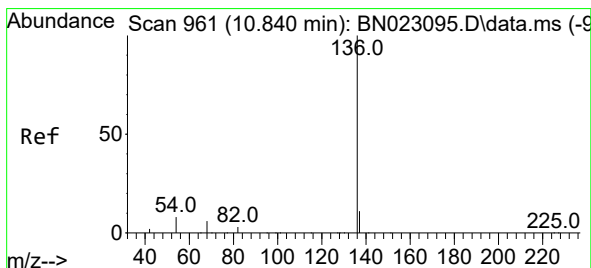
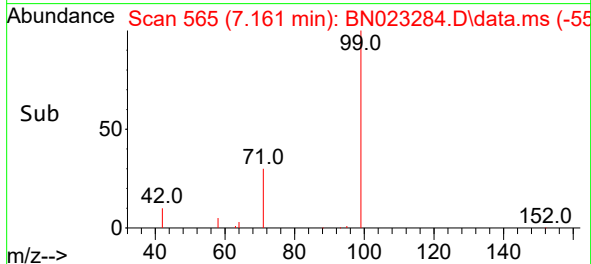
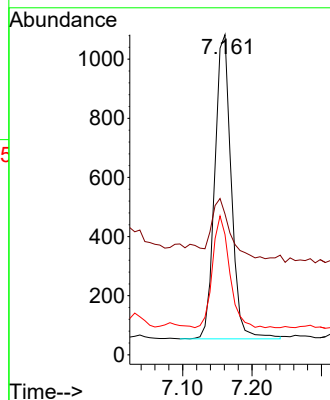
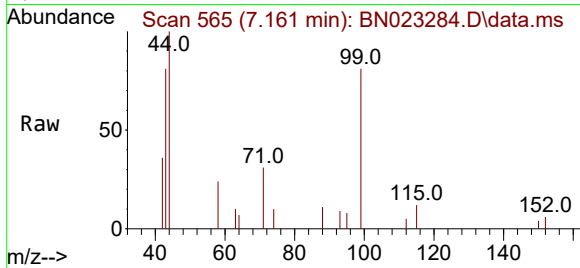




#5
Phenol-d6
Concen: 0.099 ng
RT: 7.161 min Scan# 509
Delta R.T. -0.007 min
Lab File: BN023284.D
Acq: 19 Dec 2022 13:53

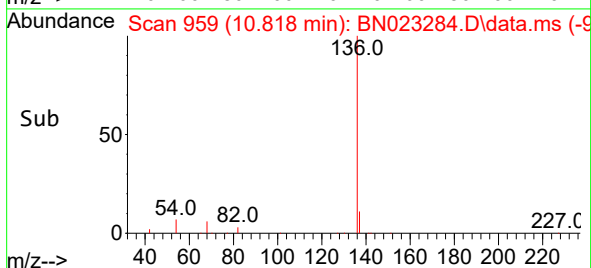
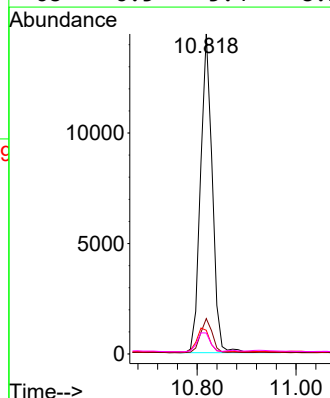
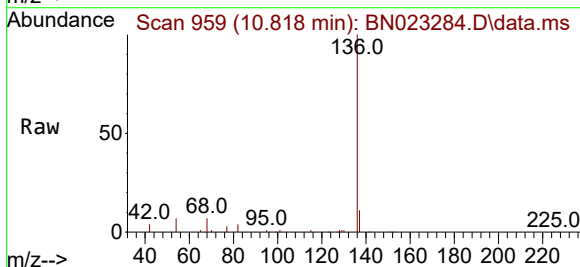
Instrument :
BNA_N
ClientSampleId :
OWBR-02-160-180-121422-H

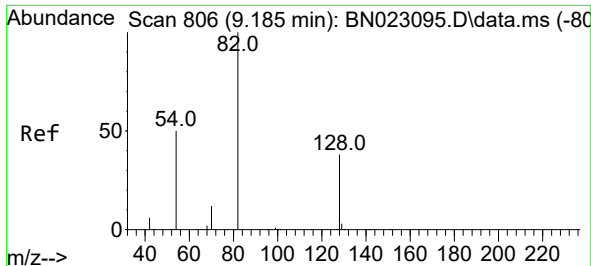
Tgt Ion: 99 Resp: 1702
Ion Ratio Lower Upper
99 100
42 21.2 16.3 24.5
71 38.0 26.5 39.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.818 min Scan# 959
Delta R.T. -0.022 min
Lab File: BN023284.D
Acq: 19 Dec 2022 13:53

Tgt Ion: 136 Resp: 23777
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 7.4 6.5 9.7
68 6.5 5.4 8.2

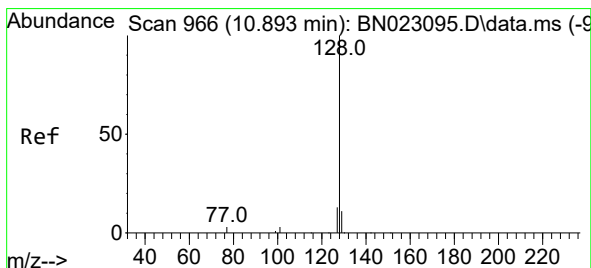
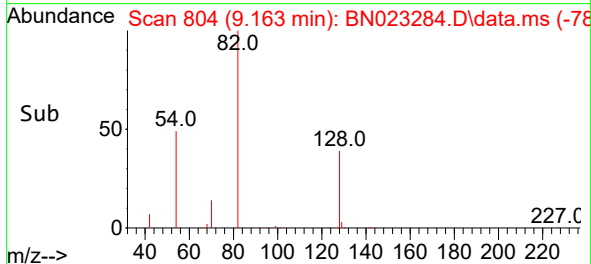
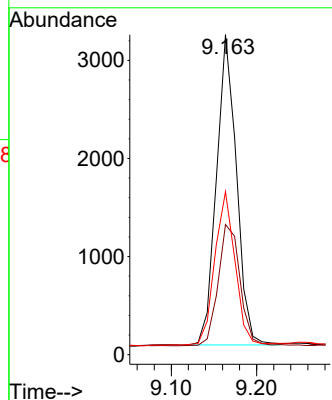
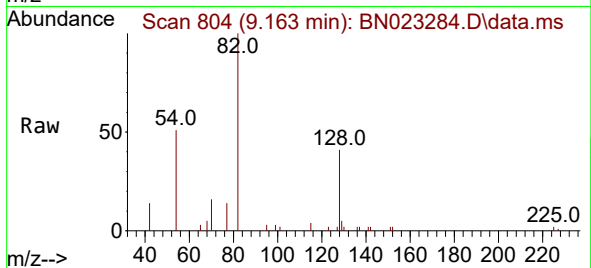




#8
Nitrobenzene-d5
Concen: 0.329 ng
RT: 9.163 min Scan# 806
Delta R.T. -0.022 min
Lab File: BN023284.D
Acq: 19 Dec 2022 13:53

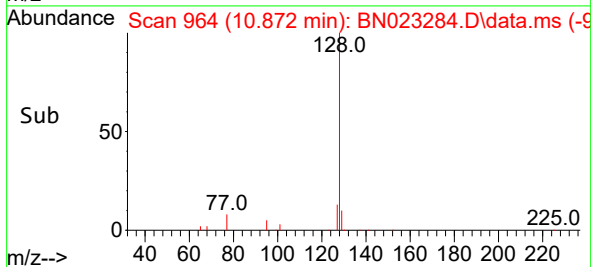
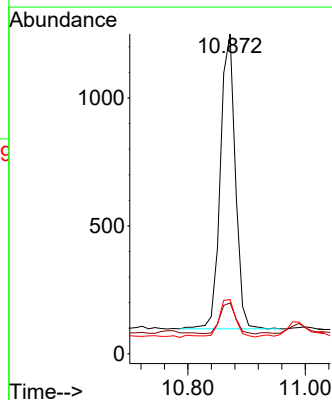
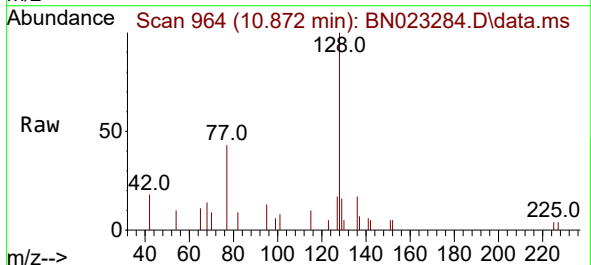
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OWBR-02-160-180-121422-H

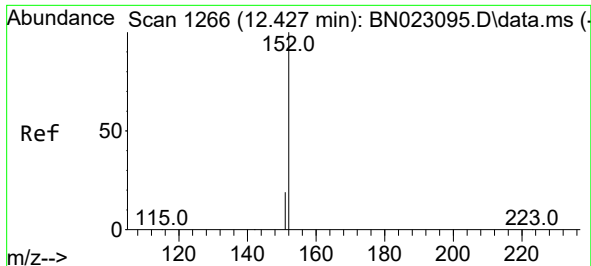
Tgt Ion: 82 Resp: 5160
Ion Ratio Lower Upper
82 100
128 40.7 31.4 47.2
54 51.0 41.0 61.4



#9
Naphthalene
Concen: 0.034 ng
RT: 10.872 min Scan# 964
Delta R.T. -0.011 min
Lab File: BN023284.D
Acq: 19 Dec 2022 13:53

Tgt Ion: 128 Resp: 2032
Ion Ratio Lower Upper
128 100
129 15.9 9.0 13.6#
127 17.0 10.5 15.7#





#11

2-Methylnaphthalene-d10

Concen: 0.245 ng

RT: 12.405 min Scan# 1180

Delta R.T. -0.015 min

Lab File: BN023284.D

Acq: 19 Dec 2022 13:53

Instrument :

BNA_N

ClientSampleId :

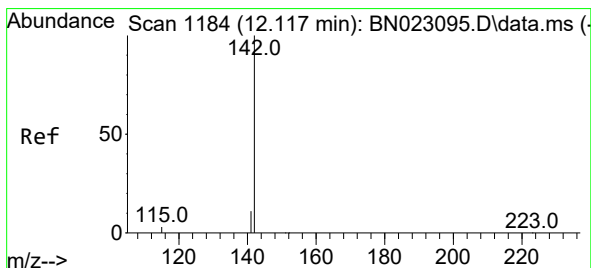
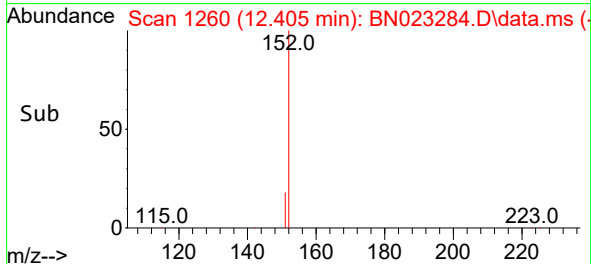
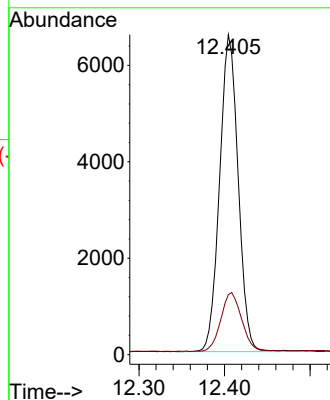
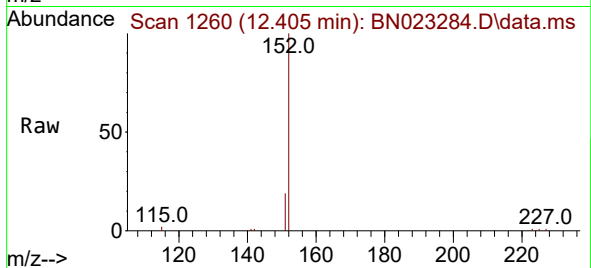
OWBR-02-160-180-121422-H

Tgt Ion:152 Resp: 9896

Ion Ratio Lower Upper

152 100

151 21.2 15.1 22.7



#12

2-Methylnaphthalene

Concen: 0.078 ng

RT: 12.102 min Scan# 1180

Delta R.T. -0.012 min

Lab File: BN023284.D

Acq: 19 Dec 2022 13:53

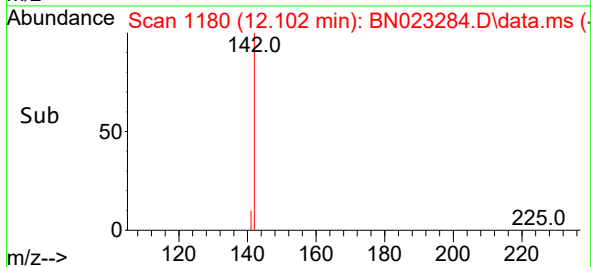
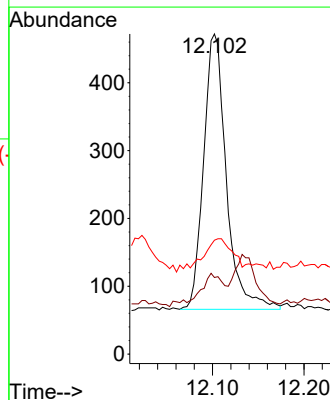
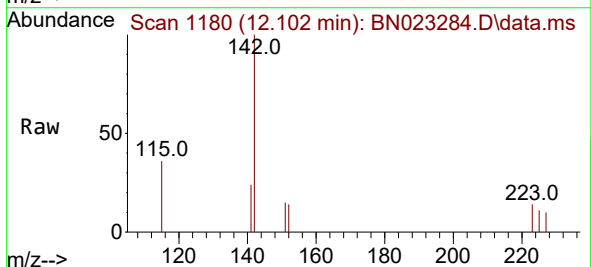
Tgt Ion:142 Resp: 701

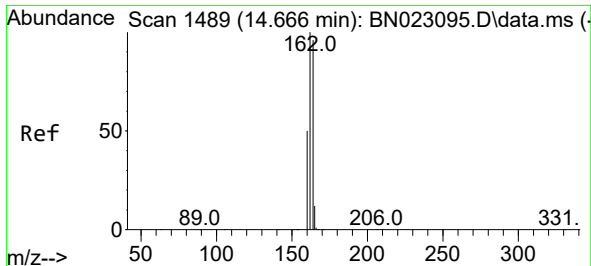
Ion Ratio Lower Upper

142 100

141 23.9 10.9 16.3#

115 35.6 5.7 8.5#

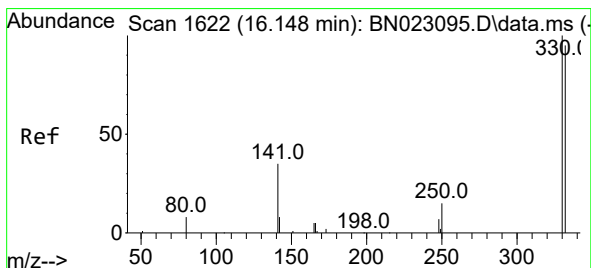
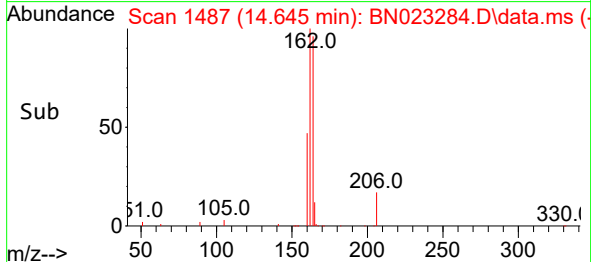
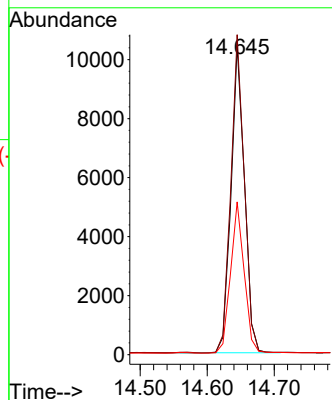
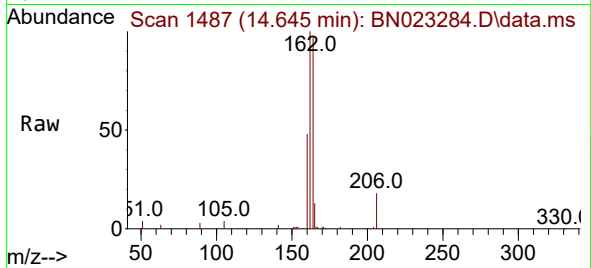




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.645 min Scan# 1489
Delta R.T. -0.011 min
Lab File: BN023284.D
Acq: 19 Dec 2022 13:53

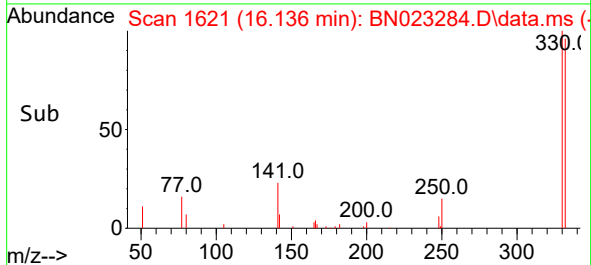
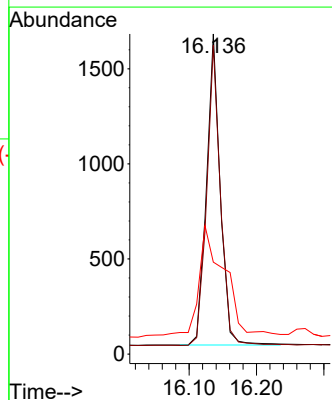
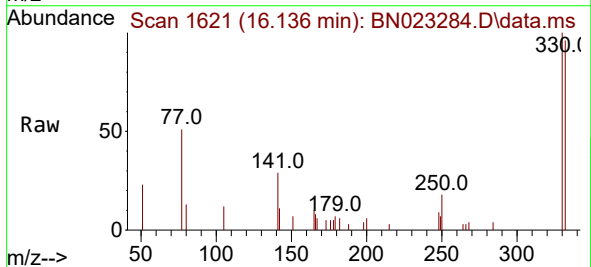
Instrument :
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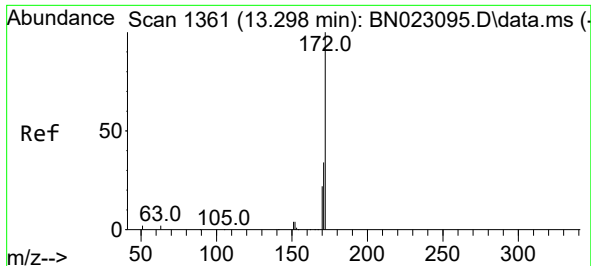
Tgt Ion:164 Resp: 14567
Ion Ratio Lower Upper
164 100
162 103.5 83.4 125.0
160 49.4 41.8 62.8



#14
2,4,6-Tribromophenol
Concen: 0.439 ng
RT: 16.136 min Scan# 1621
Delta R.T. -0.013 min
Lab File: BN023284.D
Acq: 19 Dec 2022 13:53

Tgt Ion:330 Resp: 2320
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 62.6 33.5 50.3#

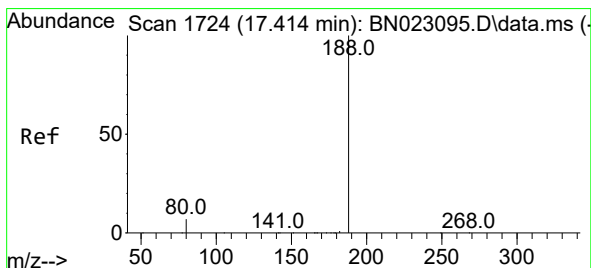
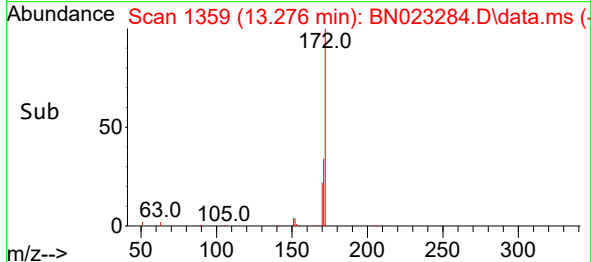
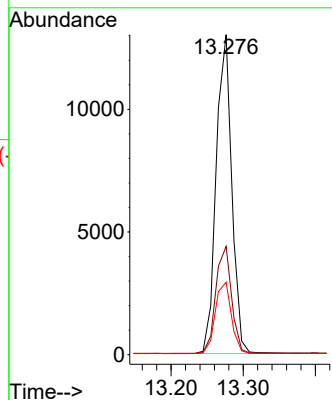
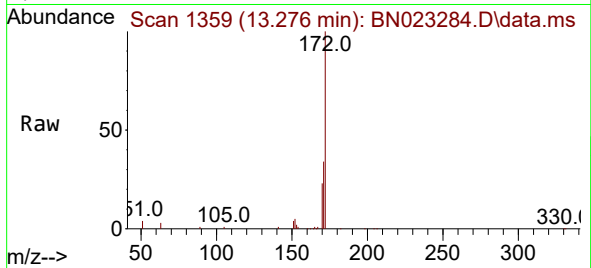




#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 13.276 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN023284.D
Acq: 19 Dec 2022 13:53

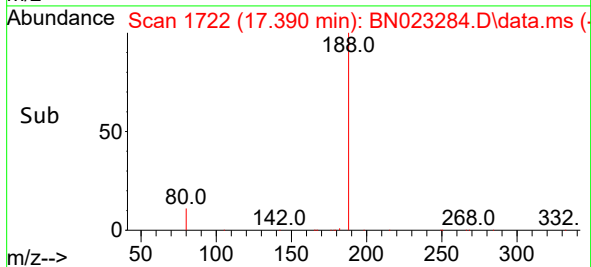
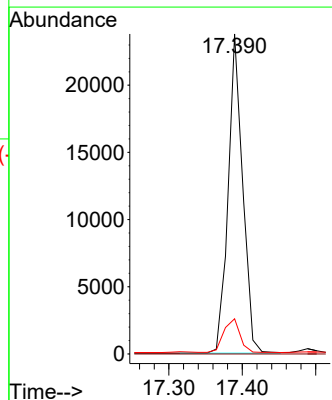
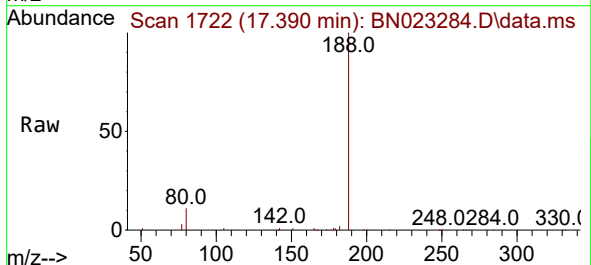
Instrument :
BNA_N
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OWBR-02-160-180-121422-H

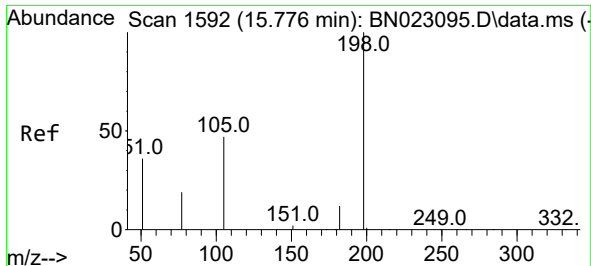
Tgt Ion:172 Resp: 19464
Ion Ratio Lower Upper
172 100
171 33.9 27.4 41.0
170 22.6 17.9 26.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.390 min Scan# 1722
Delta R.T. -0.013 min
Lab File: BN023284.D
Acq: 19 Dec 2022 13:53

Tgt Ion:188 Resp: 32593
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 6.1 9.1#

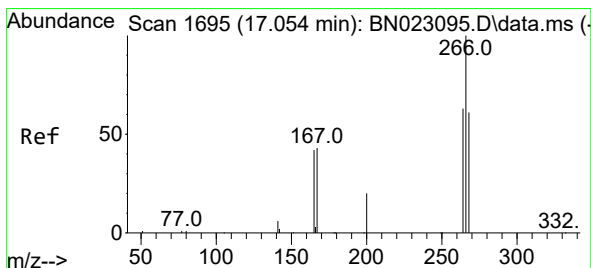
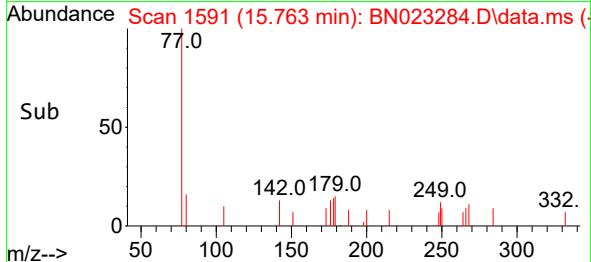
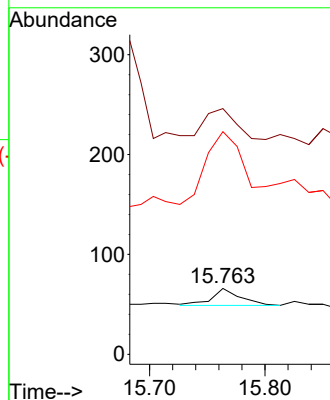
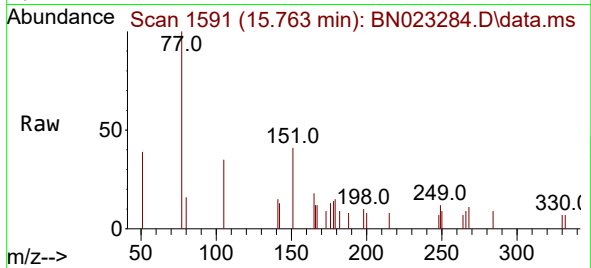




#20
4,6-Dinitro-2-methylphenol
Concen: 0.236 ng
RT: 15.763 min Scan# 1591
Delta R.T. -0.013 min
Lab File: BN023284.D
Acq: 19 Dec 2022 13:53

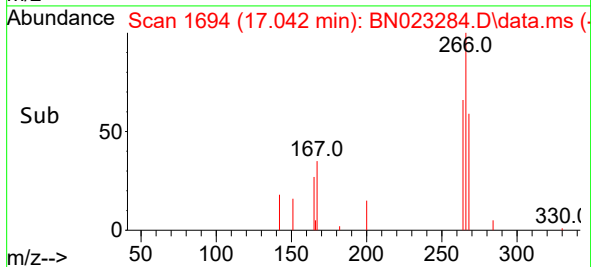
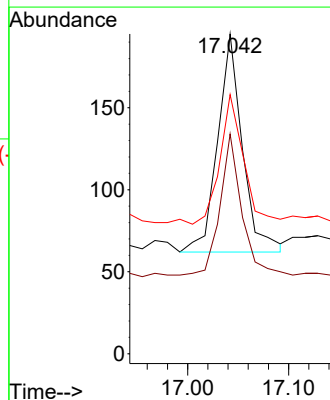
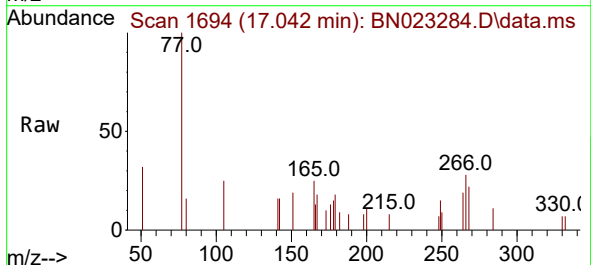
Instrument :
BNA_N
ClientSampleId :
OWBR-02-160-180-121422-H

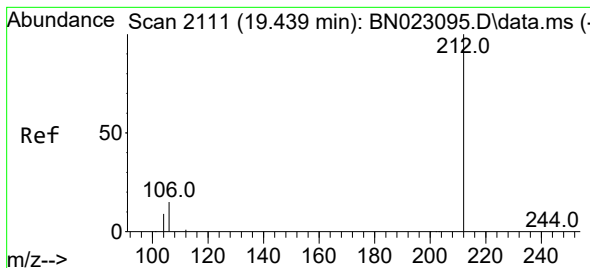
Tgt Ion:198 Resp: 29
Ion Ratio Lower Upper
198 100
51 372.7 57.0 85.4#
105 337.9 47.2 70.8#



#24
Pentachlorophenol
Concen: 0.029 ng
RT: 17.042 min Scan# 1694
Delta R.T. -0.013 min
Lab File: BN023284.D
Acq: 19 Dec 2022 13:53

Tgt Ion:266 Resp: 226
Ion Ratio Lower Upper
266 100
264 56.2 50.1 75.1
268 54.9 49.7 74.5





#27

Fluoranthene-d10

Concen: 0.245 ng

RT: 19.422 min Scan# 2107

Delta R.T. -0.013 min

Lab File: BN023284.D

Acq: 19 Dec 2022 13:53

Instrument :

BNA_N

ClientSampleId :

OWBR-02-160-180-121422-H

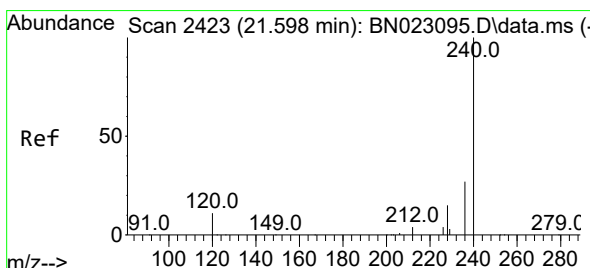
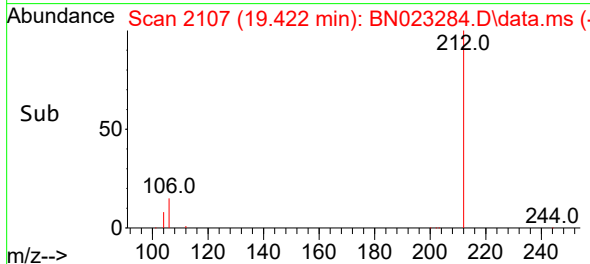
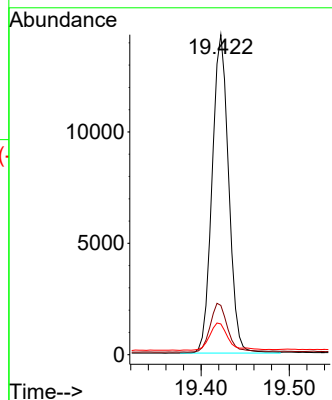
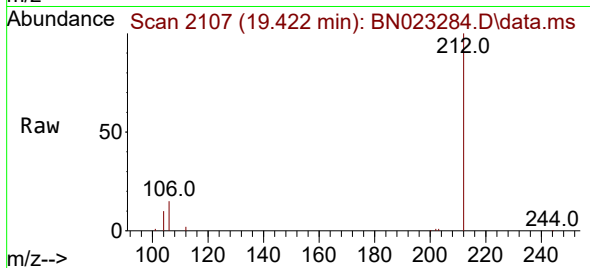
Tgt Ion:212 Resp: 18662

Ion Ratio Lower Upper

212 100

106 16.2 13.0 19.4

104 9.8 7.5 11.3



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.580 min Scan# 2421

Delta R.T. -0.009 min

Lab File: BN023284.D

Acq: 19 Dec 2022 13:53

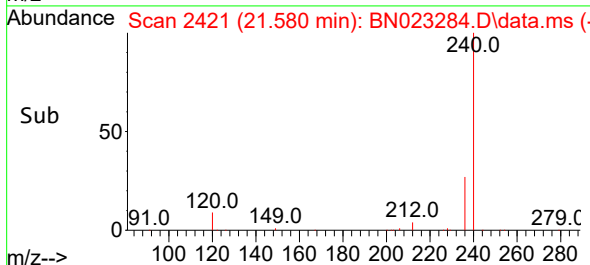
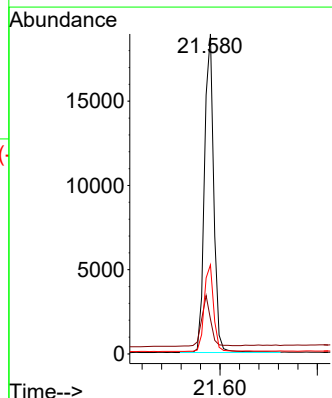
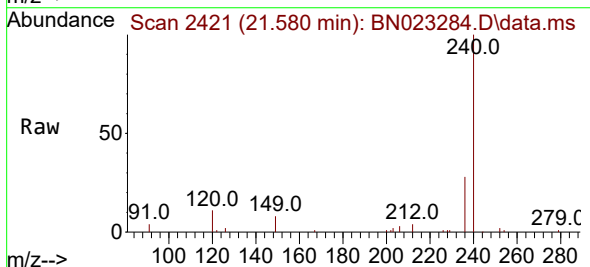
Tgt Ion:240 Resp: 25059

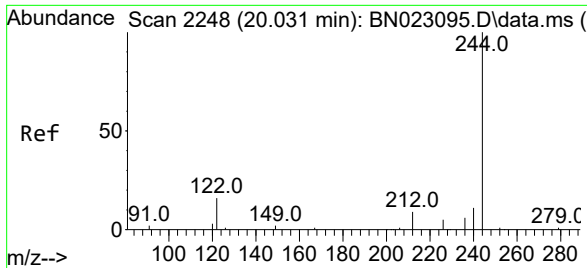
Ion Ratio Lower Upper

240 100

120 10.9 10.1 15.1

236 27.9 22.2 33.4

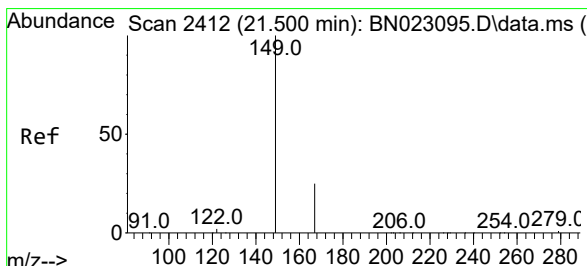
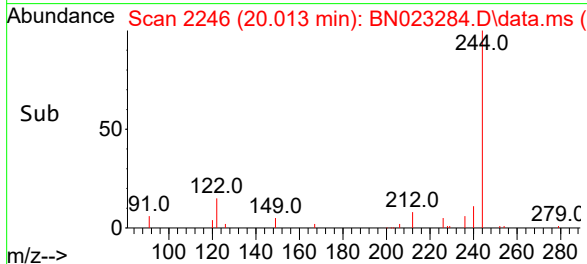
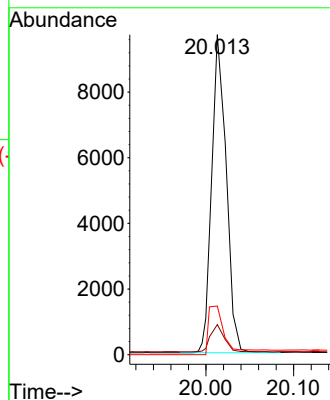
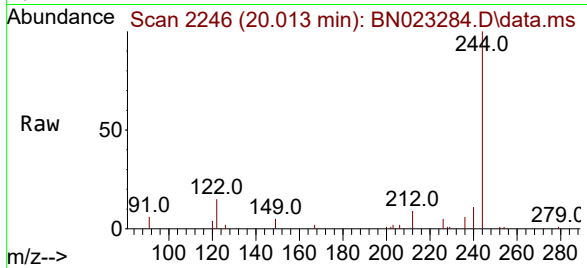




#31
 Terphenyl-d14
 Concen: 0.225 ng
 RT: 20.013 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN023284.D
 Acq: 19 Dec 2022 13:53

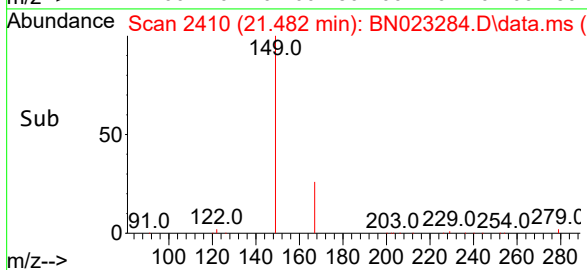
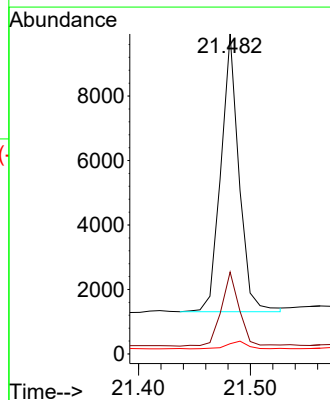
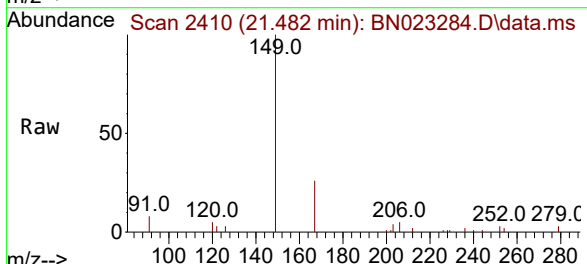
Instrument :
 BNA_N
 ClientSampleId :
 OWBR-02-160-180-121422-H

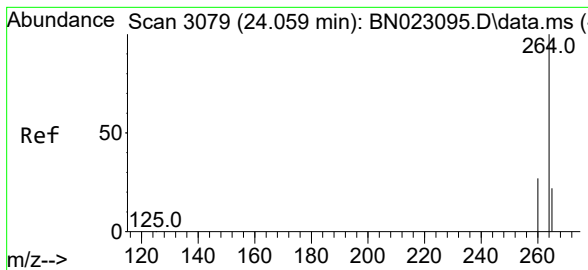
Tgt Ion:244 Resp: 9141
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.6 11.4
 122 15.2 12.6 18.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.284 ng
 RT: 21.482 min Scan# 2410
 Delta R.T. -0.009 min
 Lab File: BN023284.D
 Acq: 19 Dec 2022 13:53

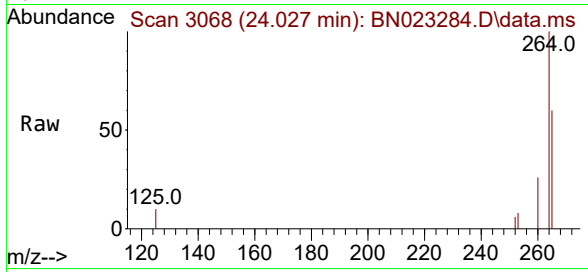
Tgt Ion:149 Resp: 9694
 Ion Ratio Lower Upper
 149 100
 167 26.8 20.2 30.2
 279 3.0 2.3 3.5





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.027 min Scan# 30
 Delta R.T. -0.024 min
 Lab File: BN023284.D
 Acq: 19 Dec 2022 13:53

Instrument :
 BNA_N
 ClientSampleId :
 OWBR-02-160-180-121422-H



Tgt Ion: 264 Resp: 17925

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.7	32.5
265	59.7	43.2	64.8

