

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051623\
 Data File : BN025446.D
 Acq On : 16 May 2023 16:48
 Operator : CG/JU
 Sample : 02804-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OWBR-03-128-148-051523

Quant Time: May 17 03:33:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 17 02:52:36 2023
 Response via : Initial Calibration

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

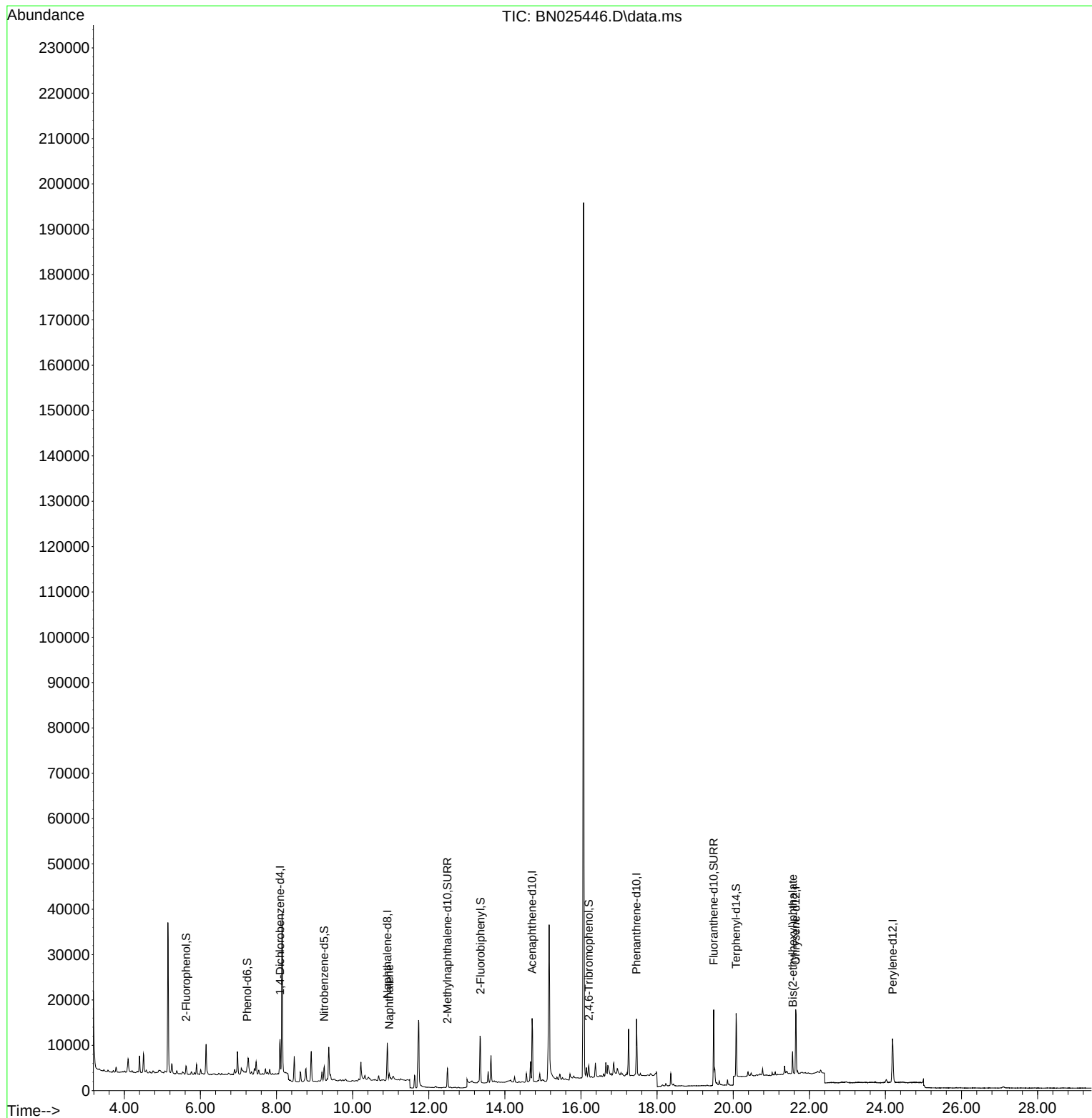
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	3704	0.400	ng	0.00
7) Naphthalene-d8	10.910	136	11218	0.400	ng	0.00
13) Acenaphthene-d10	14.716	164	6994	0.400	ng	0.00
19) Phenanthrene-d10	17.460	188	16237	0.400	ng	0.00
29) Chrysene-d12	21.643	240	14221	0.400	ng	# 0.00
35) Perylene-d12	24.188	264	15320	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.622	112	1360	0.171	ng	0.00
5) Phenol-d6	7.232	99	1140	0.107	ng	0.00
8) Nitrobenzene-d5	9.255	82	2747	0.358	ng	0.00
11) 2-Methylnaphthalene-d10	12.491	152	5707	0.364	ng	0.00
14) 2,4,6-Tribromophenol	16.206	330	1342	0.566	ng	0.00
15) 2-Fluorobiphenyl	13.358	172	9502	0.371	ng	0.00
27) Fluoranthene-d10	19.486	212	17279	0.447	ng	0.00
31) Terphenyl-d14	20.076	244	12149	0.470	ng	0.00
Target Compounds						
9) Naphthalene	10.963	128	1049	0.037	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.563	149	4920	0.168	ng	97

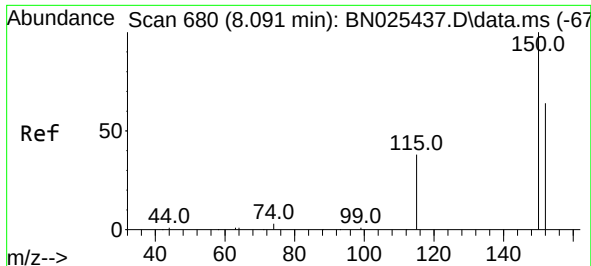
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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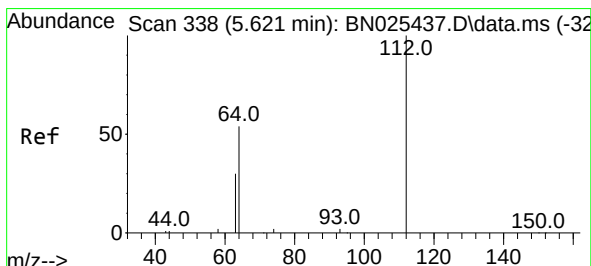
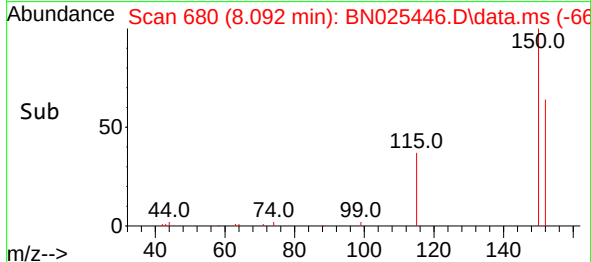
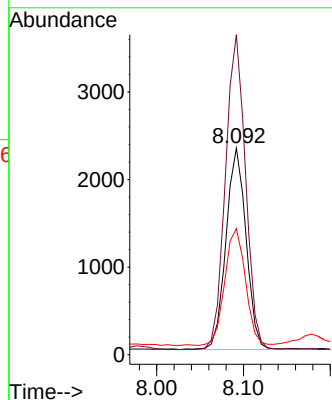
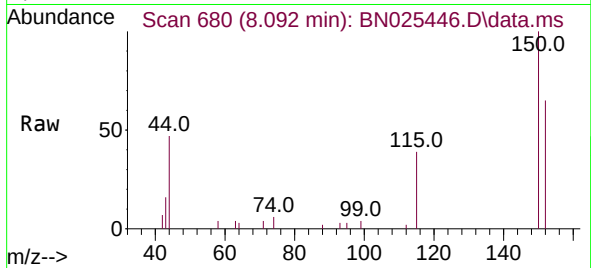




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.092 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN025446.D
Acq: 16 May 2023 16:48

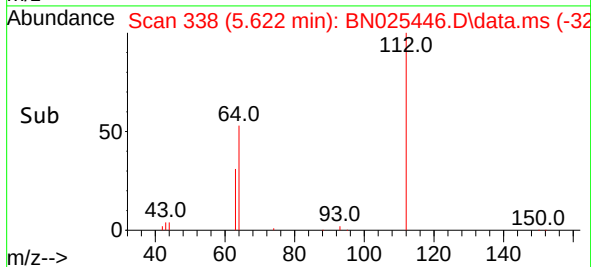
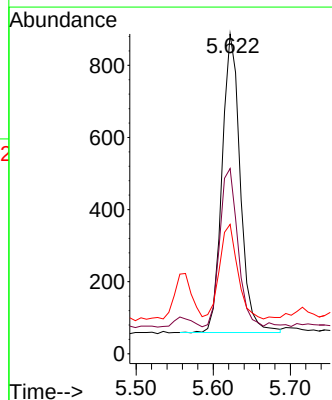
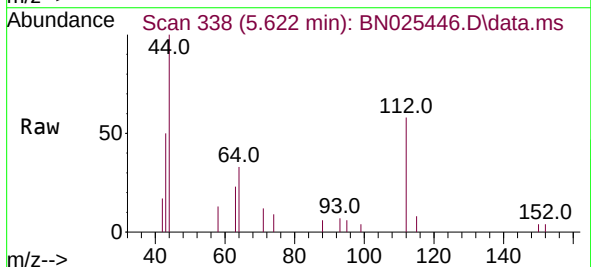
Instrument :
BNA_N
ClientSampleId :
OWBR-03-128-148-051523

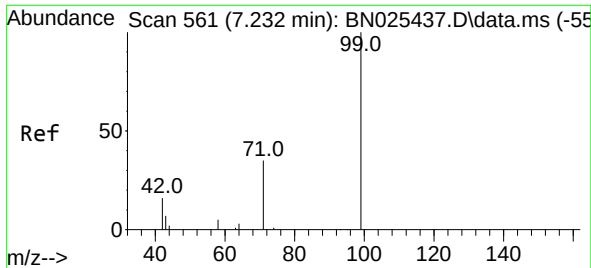
Tgt Ion:152 Resp: 3704
Ion Ratio Lower Upper
152 100
150 154.9 123.7 185.5
115 61.0 50.0 75.0



#4
2-Fluorophenol
Concen: 0.171 ng
RT: 5.622 min Scan# 338
Delta R.T. 0.001 min
Lab File: BN025446.D
Acq: 16 May 2023 16:48

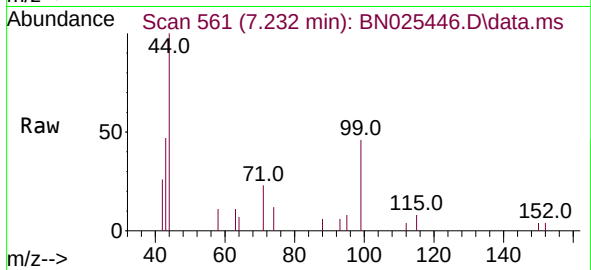
Tgt Ion:112 Resp: 1360
Ion Ratio Lower Upper
112 100
64 52.6 43.9 65.9
63 31.5 25.0 37.4



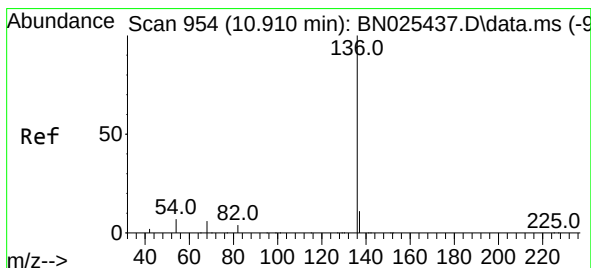
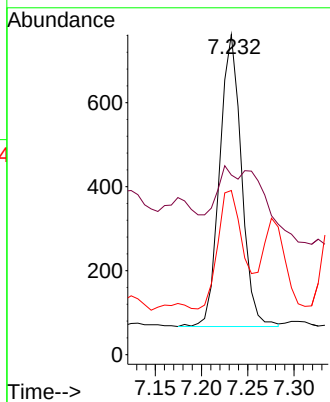
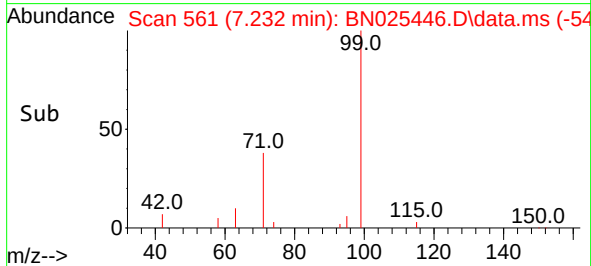


#5
Phenol-d6
Concen: 0.107 ng
RT: 7.232 min Scan# 561
Delta R.T. 0.000 min
Lab File: BN025446.D
Acq: 16 May 2023 16:48

Instrument :
BNA_N
ClientSampleId :
OWBR-03-128-148-051523

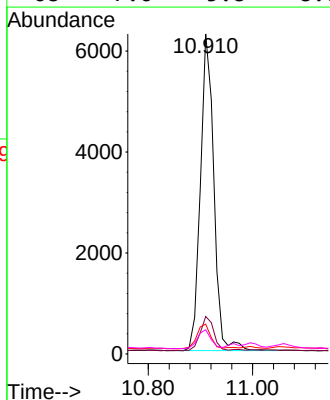
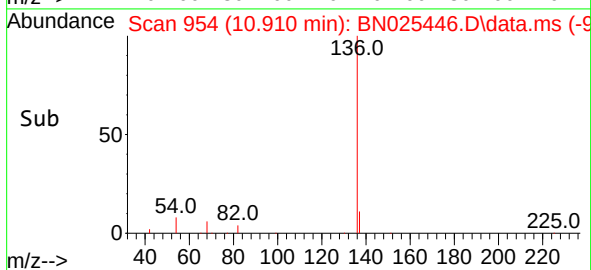
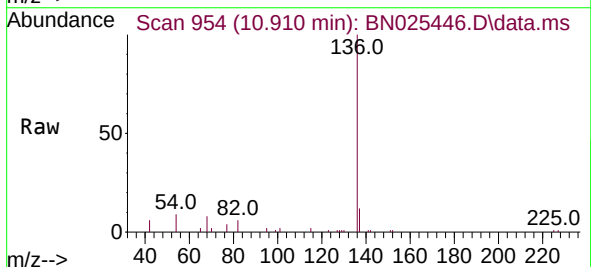


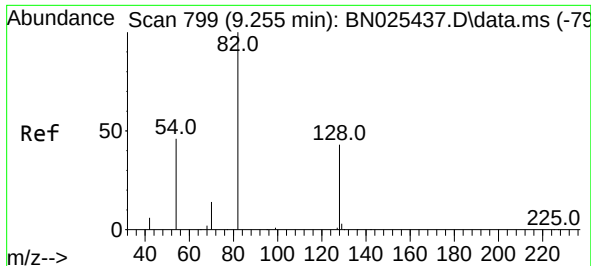
Tgt Ion: 99 Resp: 1140
Ion Ratio Lower Upper
99 100
42 14.2 16.4 24.6#
71 45.6 29.4 44.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.910 min Scan# 954
Delta R.T. 0.000 min
Lab File: BN025446.D
Acq: 16 May 2023 16:48

Tgt Ion: 136 Resp: 11218
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.0
54 9.3 7.0 10.4
68 7.6 5.8 8.6

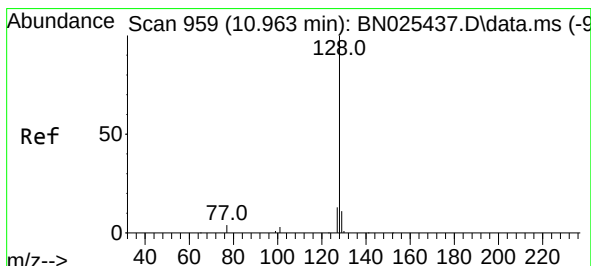
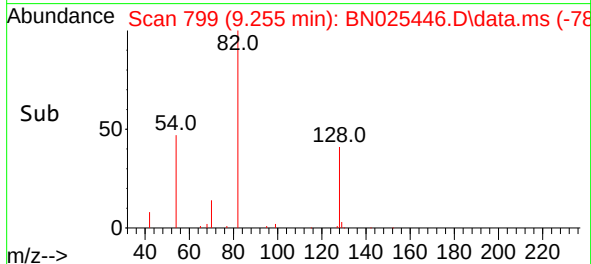
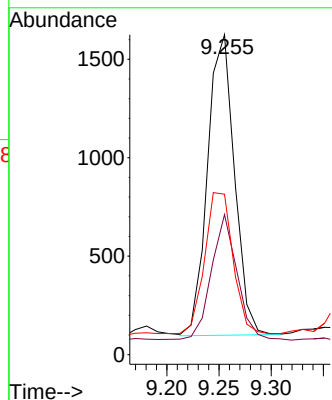
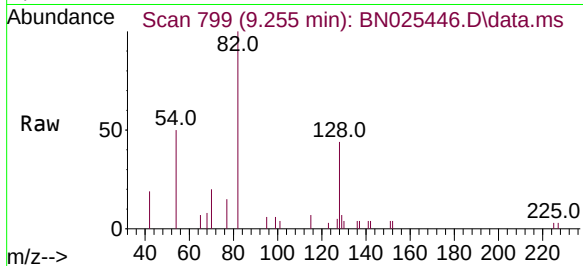




#8
 Nitrobenzene-d5
 Concen: 0.358 ng
 RT: 9.255 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: BN025446.D
 Acq: 16 May 2023 16:48

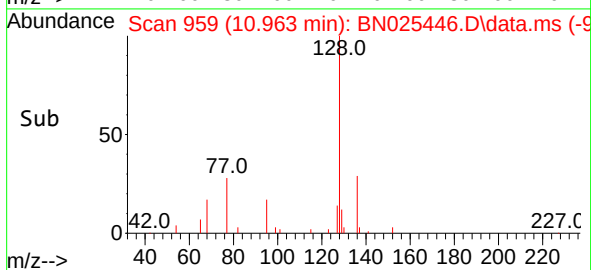
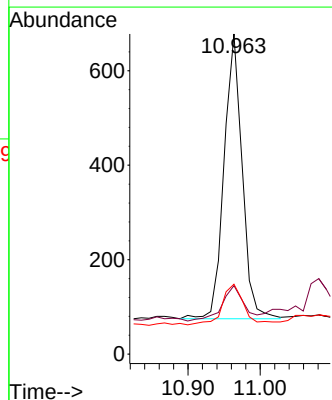
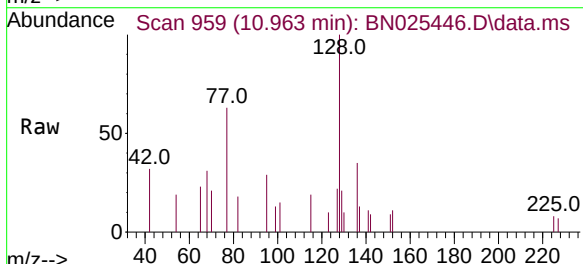
Instrument :
 BNA_N
 ClientSampleId :
 OWBR-03-128-148-051523

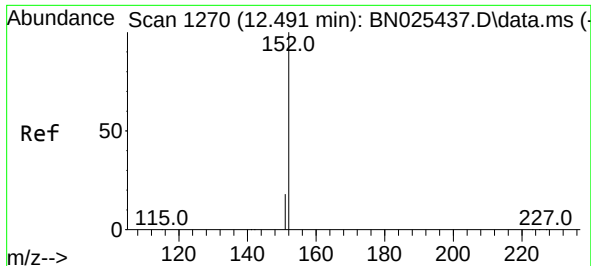
Tgt Ion:	82	Resp:	2747
Ion Ratio	Lower	Upper	
82	100		
128	43.8	35.7	53.5
54	50.2	38.6	57.8



#9
 Naphthalene
 Concen: 0.037 ng
 RT: 10.963 min Scan# 959
 Delta R.T. 0.000 min
 Lab File: BN025446.D
 Acq: 16 May 2023 16:48

Tgt Ion:	128	Resp:	1049
Ion Ratio	Lower	Upper	
128	100		
129	21.4	9.4	14.2#
127	21.8	10.6	16.0#

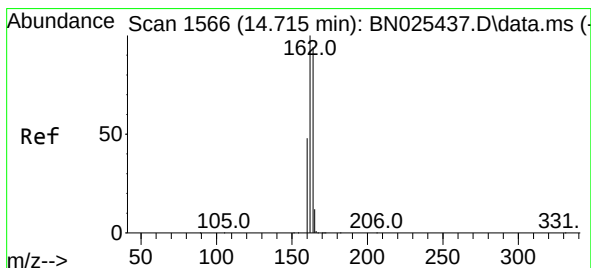
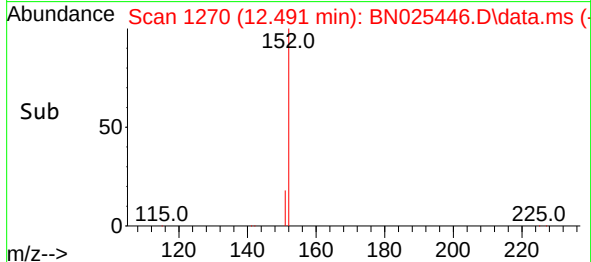
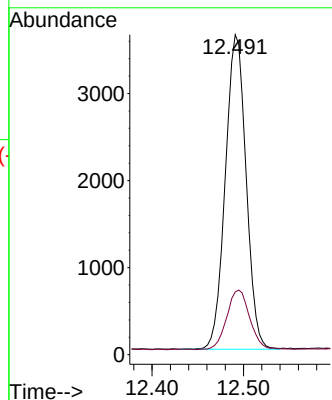
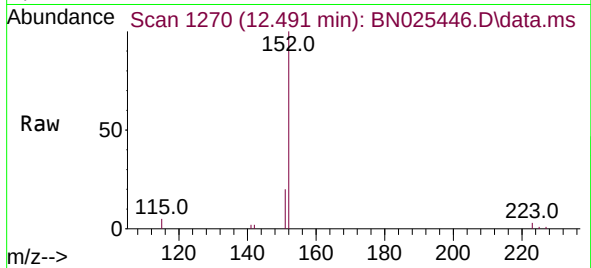




#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 12.491 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025446.D
Acq: 16 May 2023 16:48

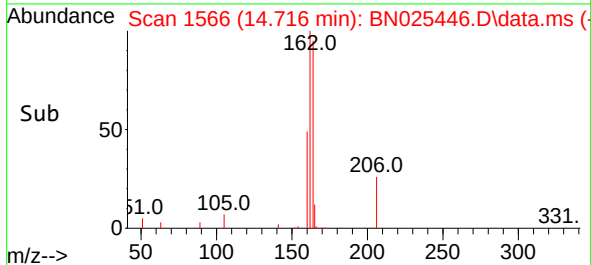
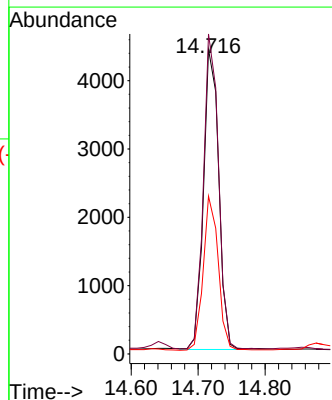
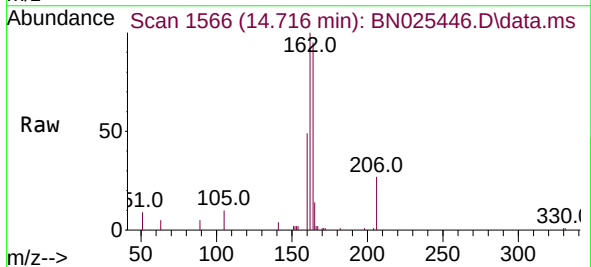
Instrument :
BNA_N
ClientSampleId :
OWBR-03-128-148-051523

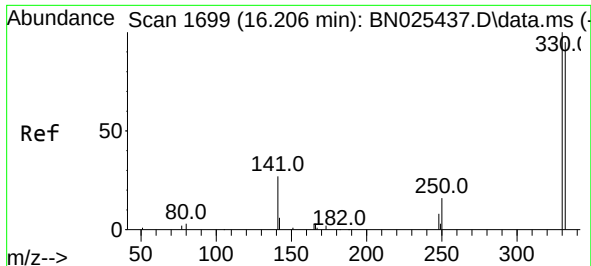
Tgt Ion:152 Resp: 5707
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.716 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BN025446.D
Acq: 16 May 2023 16:48

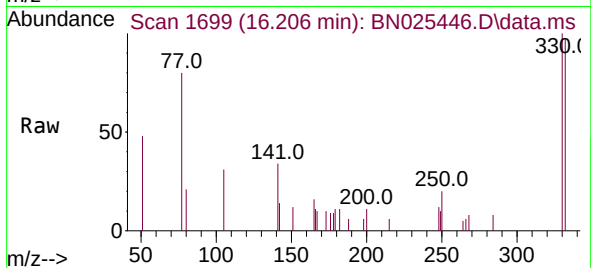
Tgt Ion:164 Resp: 6994
Ion Ratio Lower Upper
164 100
162 105.0 84.8 127.2
160 51.8 40.6 61.0



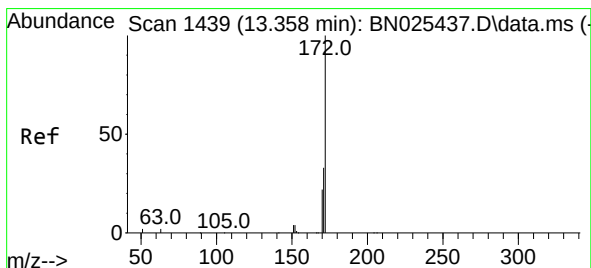
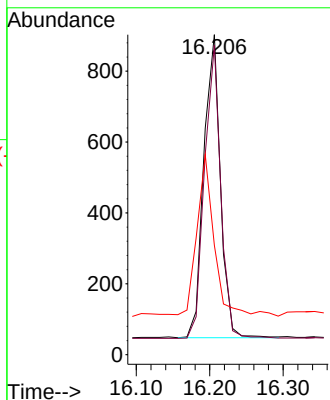
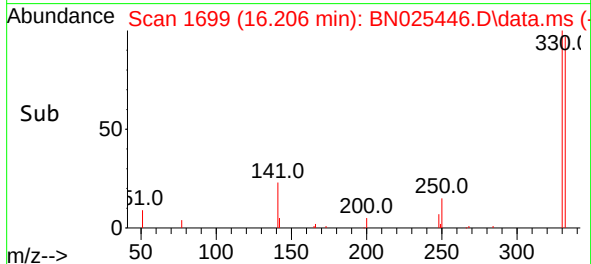


#14
2,4,6-Tribromophenol
Concen: 0.566 ng
RT: 16.206 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN025446.D
Acq: 16 May 2023 16:48

Instrument :
BNA_N
ClientSampleId :
OWBR-03-128-148-051523

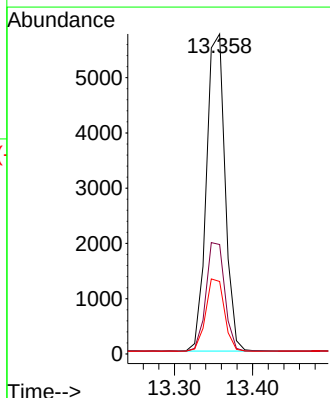
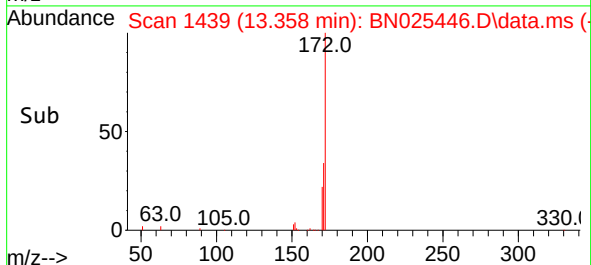
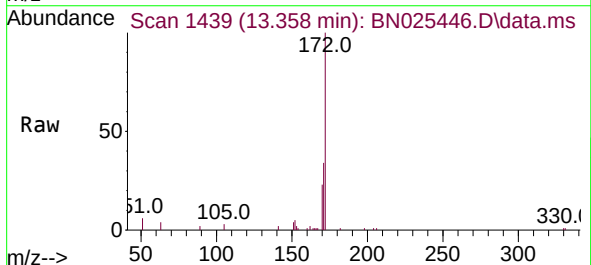


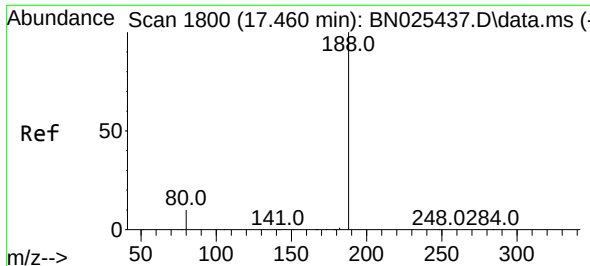
Tgt Ion:330 Resp: 1342
Ion Ratio Lower Upper
330 100
332 94.7 75.5 113.3
141 55.4 35.3 52.9#



#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.358 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BN025446.D
Acq: 16 May 2023 16:48

Tgt Ion:172 Resp: 9502
Ion Ratio Lower Upper
172 100
171 34.2 27.0 40.6
170 22.6 18.2 27.2

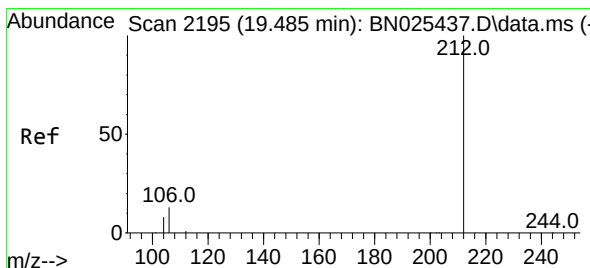
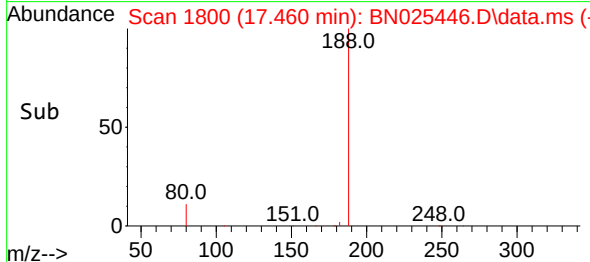
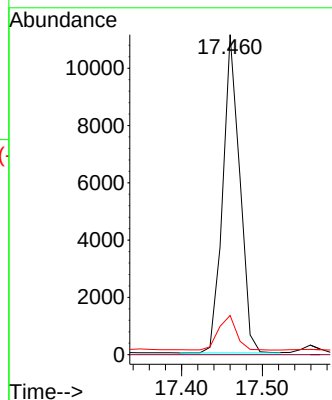
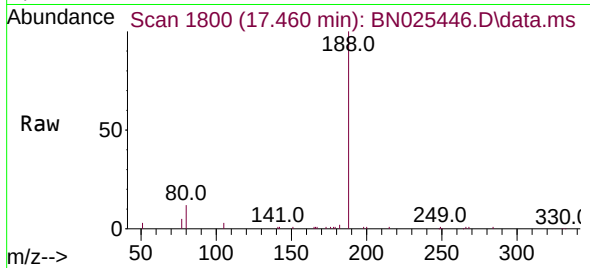




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.460 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN025446.D
Acq: 16 May 2023 16:48

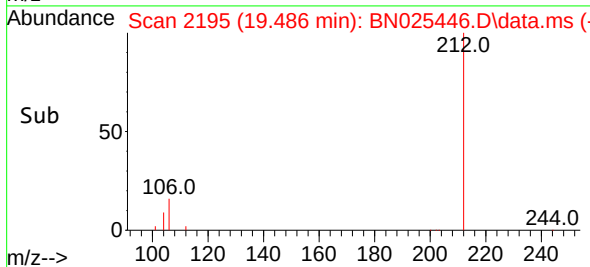
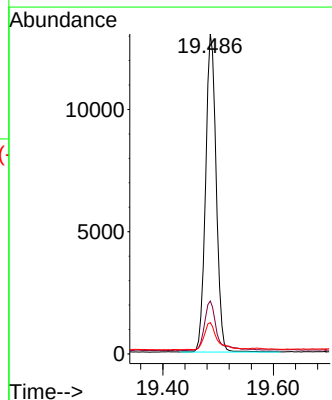
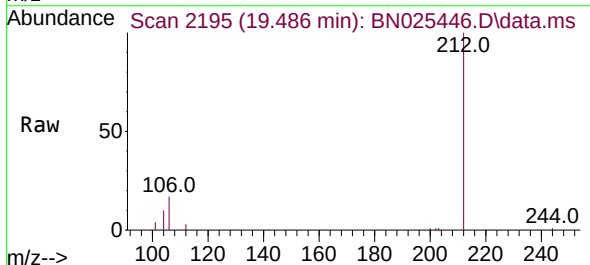
Instrument :
BNA_N
ClientSampleId :
OWBR-03-128-148-051523

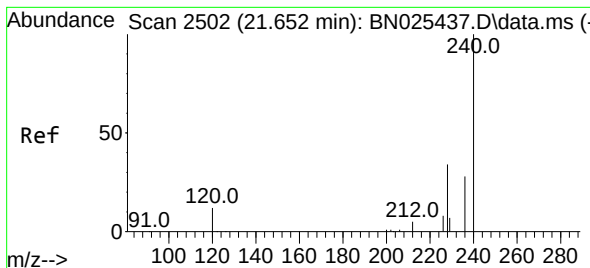
Tgt Ion:188 Resp: 16237
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 8.7 13.1



#27
Fluoranthene-d10
Concen: 0.447 ng
RT: 19.486 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BN025446.D
Acq: 16 May 2023 16:48

Tgt Ion:212 Resp: 17279
Ion Ratio Lower Upper
212 100
106 17.9 11.1 16.7#
104 10.3 6.6 10.0#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.643 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN025446.D

Acq: 16 May 2023 16:48

Instrument :

BNA_N

ClientSampleId :

OWBR-03-128-148-051523

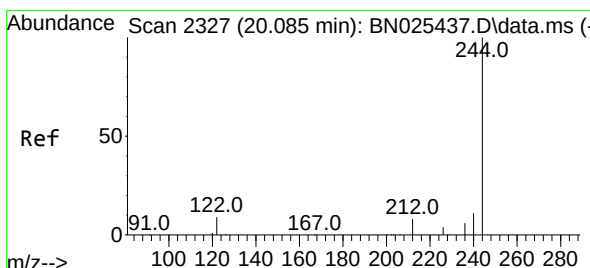
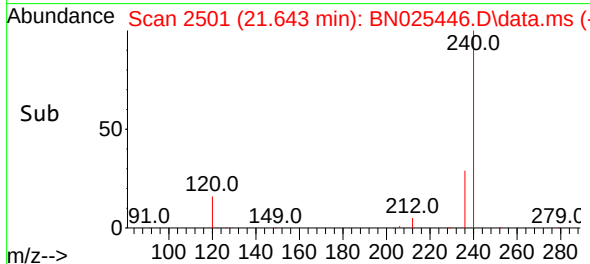
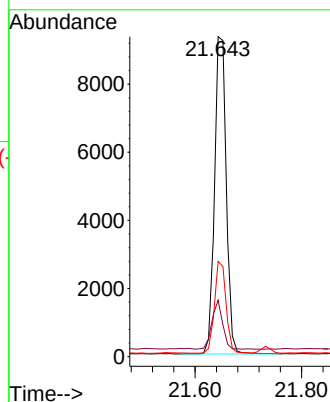
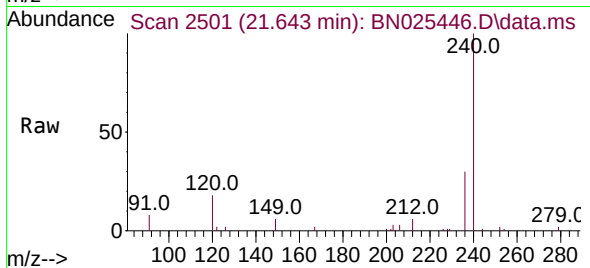
Tgt Ion:240 Resp: 14221

Ion Ratio Lower Upper

240 100

120 17.7 11.6 17.4#

236 29.8 22.9 34.3



#31

Terphenyl-d14

Concen: 0.470 ng

RT: 20.076 min Scan# 2326

Delta R.T. -0.009 min

Lab File: BN025446.D

Acq: 16 May 2023 16:48

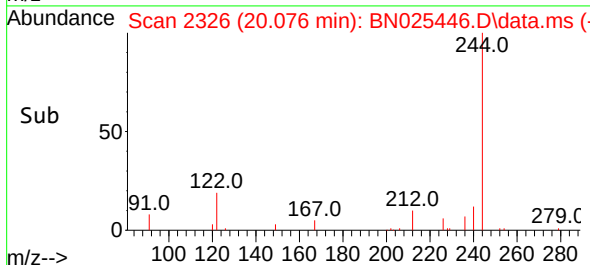
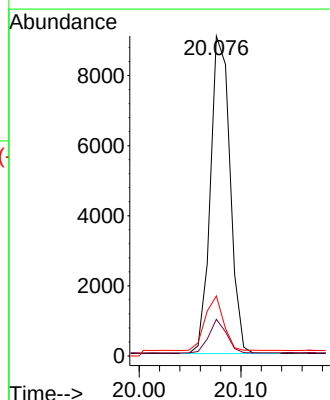
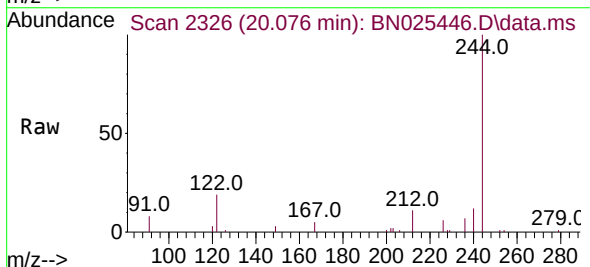
Tgt Ion:244 Resp: 12149

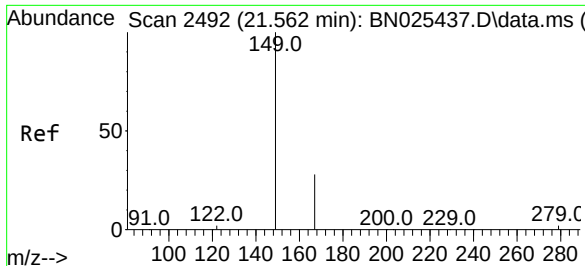
Ion Ratio Lower Upper

244 100

212 11.4 6.9 10.3#

122 18.7 7.4 11.2#

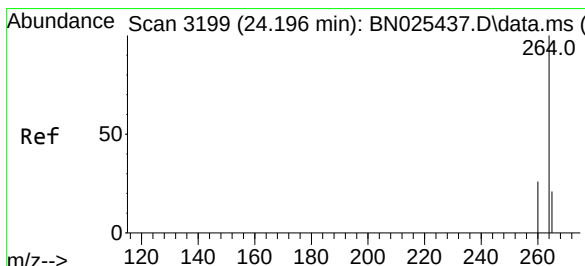
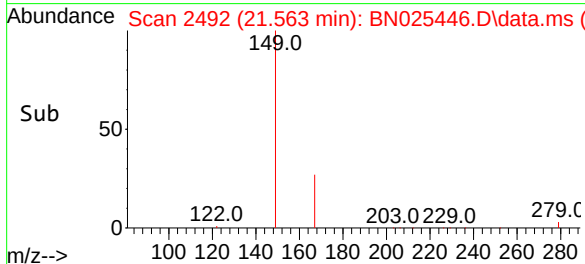
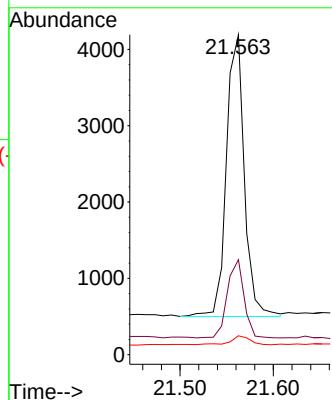
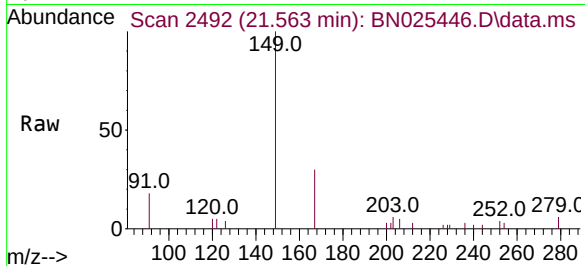




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.168 ng
 RT: 21.563 min Scan# 2492
 Delta R.T. 0.000 min
 Lab File: BN025446.D
 Acq: 16 May 2023 16:48

Instrument :
 BNA_N
 ClientSampleId :
 OWBR-03-128-148-051523

Tgt Ion:	149	Resp:	4920
Ion	Ratio	Lower	Upper
149	100		
167	25.9	22.2	33.4
279	3.3	2.5	3.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.188 min Scan# 3196
 Delta R.T. -0.009 min
 Lab File: BN025446.D
 Acq: 16 May 2023 16:48

Tgt Ion:	264	Resp:	15320
Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.0	31.6
265	33.6	25.5	38.3

