

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027353.D
 Acq On : 01 Sep 2023 20:24
 Operator : MA/JU
 Sample : 04207-02DL 10X
 Misc :
 ALS Vial : 134 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OWBR-05-135-082823-HDL

Quant Time: Sep 02 01:55:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 09:08:53 2023
 Response via : Initial Calibration

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

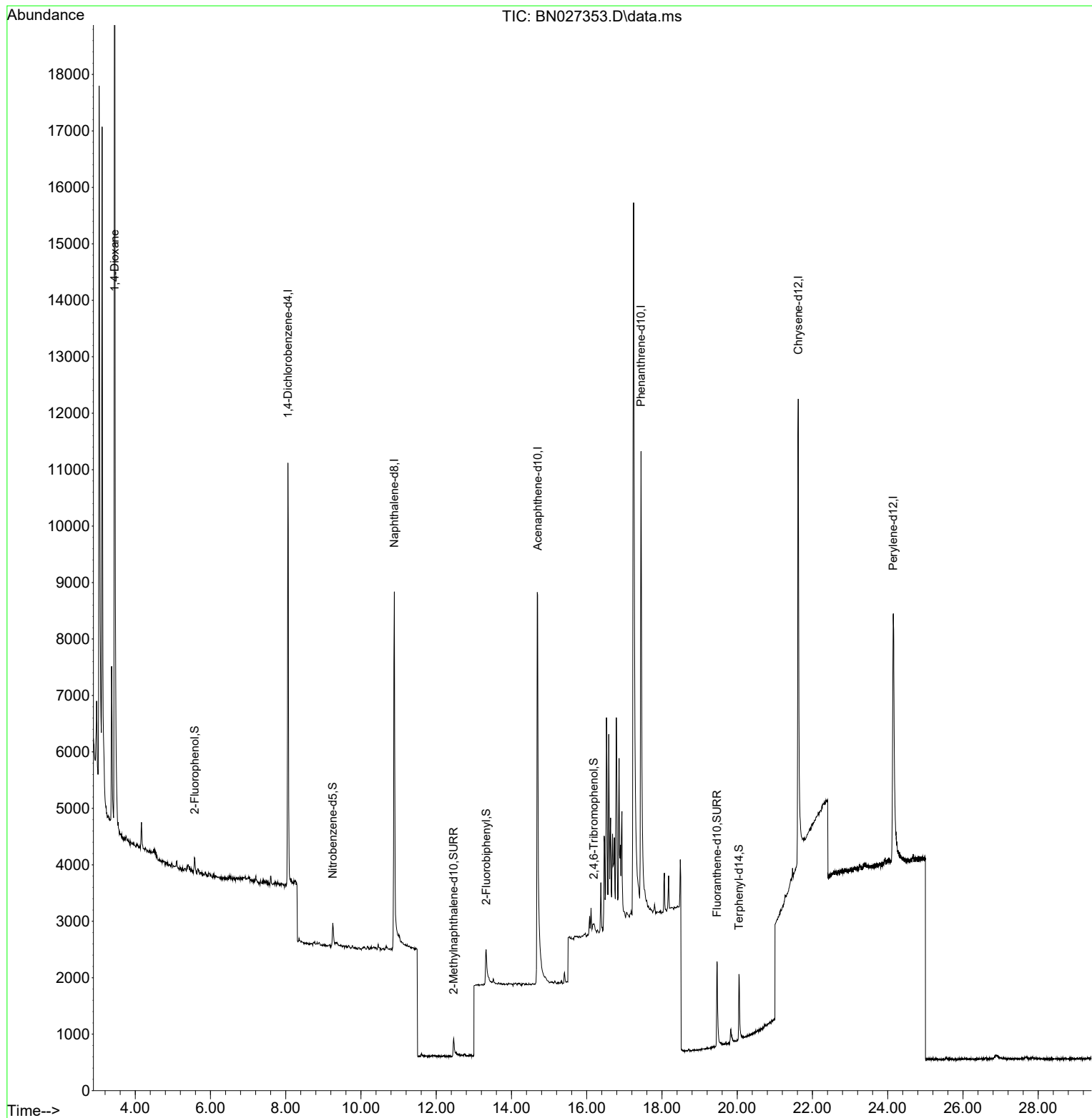
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	3825	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	10549	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	6753	0.400	ng	0.01
19) Phenanthrene-d10	17.443	188	16804	0.400	ng	0.01
29) Chrysene-d12	21.623	240	11892	0.400	ng	0.00
35) Perylene-d12	24.145	264	10009	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	224	0.022	ng	0.00
5) Phenol-d6	7.199	99	106	0.009	ng	0.00
8) Nitrobenzene-d5	9.251	82	397	0.052	ng	0.00
11) 2-Methylnaphthalene-d10	12.464	152	650	0.042	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	130	0.052	ng	0.01
15) 2-Fluorobiphenyl	13.326	172	1101	0.043	ng	0.01
27) Fluoranthene-d10	19.463	212	2308	0.055	ng	0.00
31) Terphenyl-d14	20.048	244	1608	0.067	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.451	88	15018	3.216	ng	Qvalue 94

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

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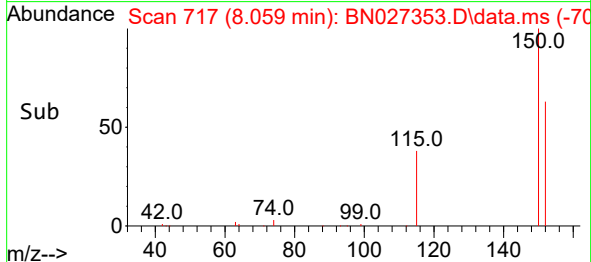
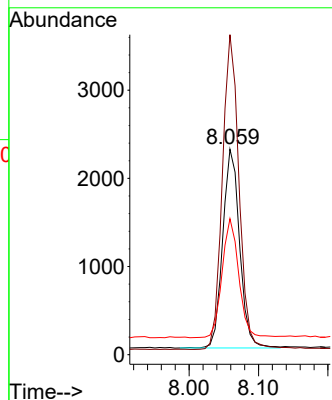
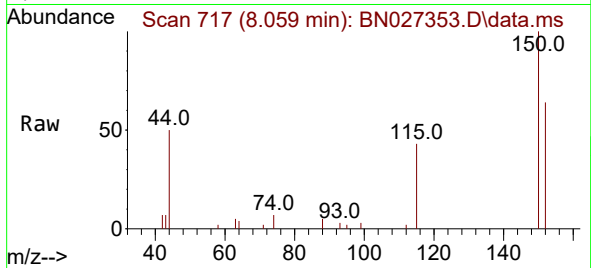




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.059 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BN027353.D
 Acq: 01 Sep 2023 20:24

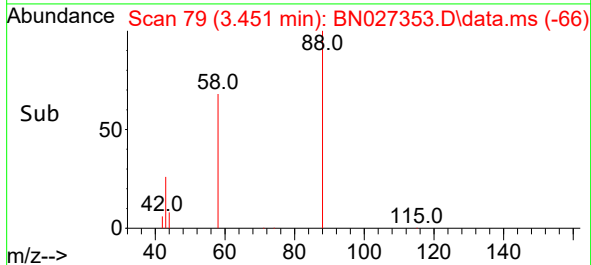
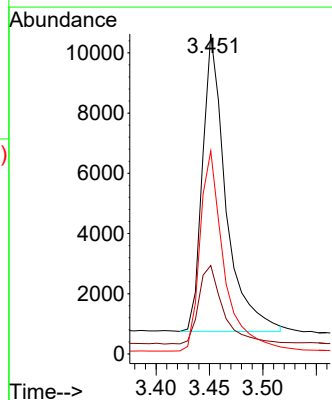
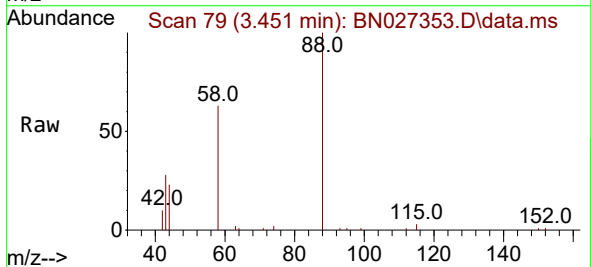
Instrument :
 BNA_N
 ClientSampleId :
 OWBR-05-135-082823-HDL

Tgt Ion:152 Resp: 3825
 Ion Ratio Lower Upper
 152 100
 150 155.7 122.7 184.1
 115 66.2 48.6 73.0



#2
 1,4-Dioxane
 Concen: 3.216 ng
 RT: 3.451 min Scan# 79
 Delta R.T. -0.007 min
 Lab File: BN027353.D
 Acq: 01 Sep 2023 20:24

Tgt Ion: 88 Resp: 15018
 Ion Ratio Lower Upper
 88 100
 43 28.1 19.1 28.7
 58 69.0 52.2 78.2





#4

2-Fluorophenol

Concen: 0.022 ng

RT: 5.582 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN027353.D

Acq: 01 Sep 2023 20:24

Instrument :

BNA_N

ClientSampleId :

OWBR-05-135-082823-HDL

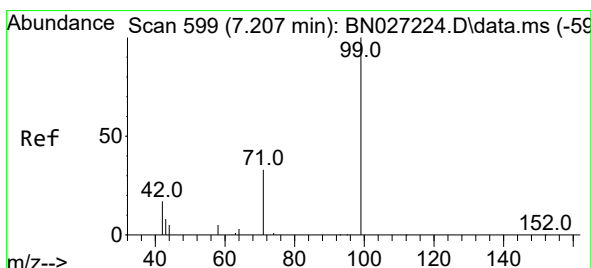
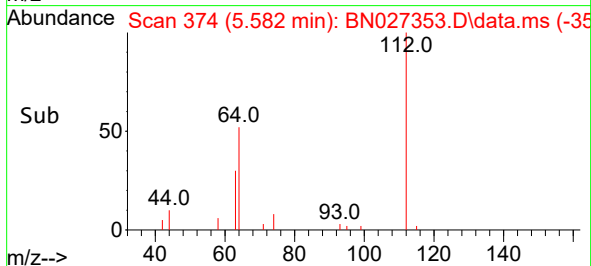
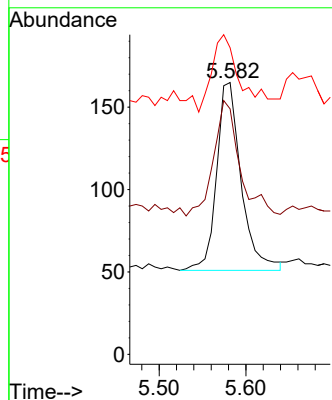
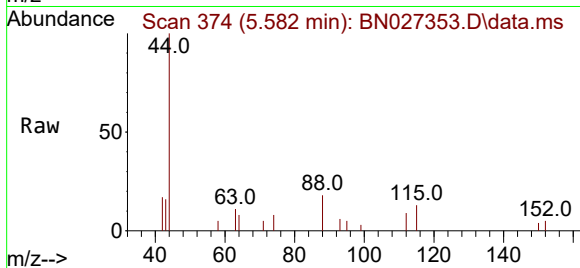
Tgt Ion:112 Resp: 224

Ion Ratio Lower Upper

112 100

64 65.2 44.4 66.6

63 47.3 23.1 34.7#



#5

Phenol-d6

Concen: 0.009 ng

RT: 7.199 min Scan# 598

Delta R.T. 0.000 min

Lab File: BN027353.D

Acq: 01 Sep 2023 20:24

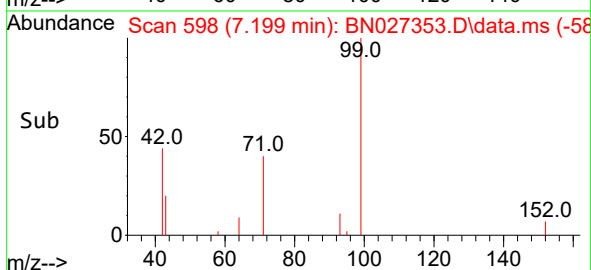
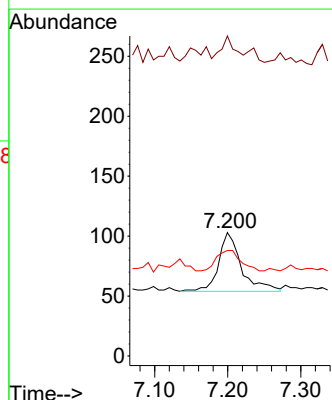
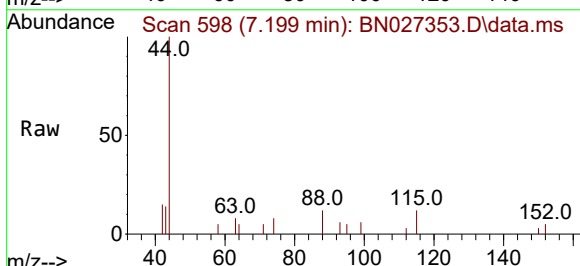
Tgt Ion: 99 Resp: 106

Ion Ratio Lower Upper

99 100

42 27.4 14.5 21.7#

71 36.8 25.8 38.6

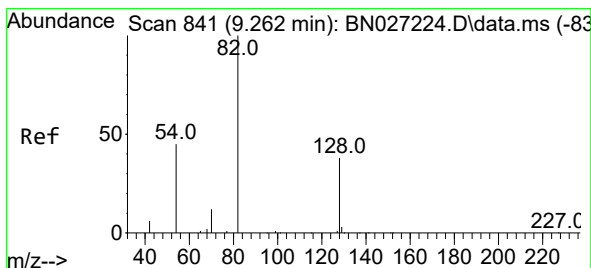
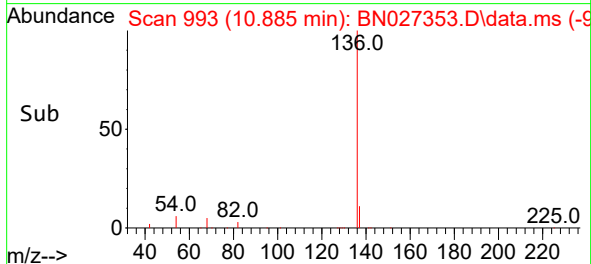
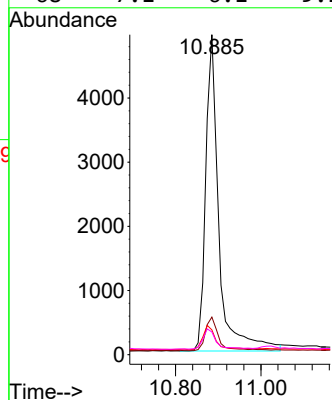
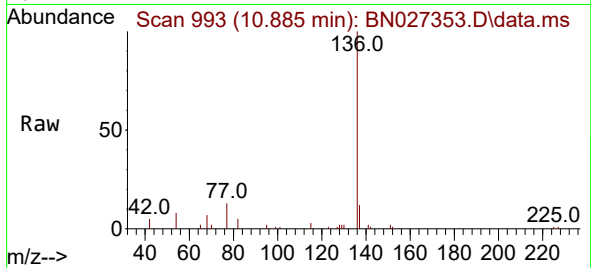




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.885 min Scan# 994
Delta R.T. 0.000 min
Lab File: BN027353.D
Acq: 01 Sep 2023 20:24

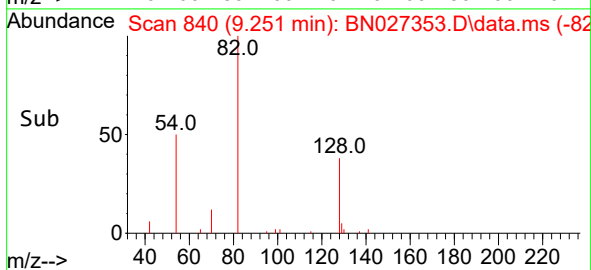
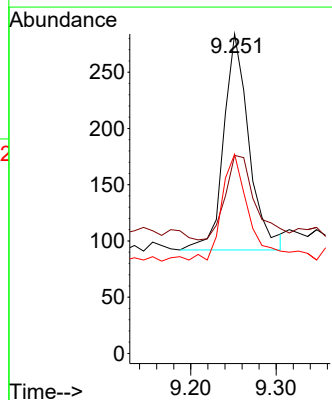
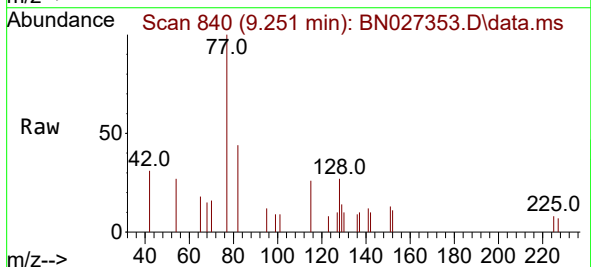
Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-082823-HDL

Tgt Ion:	136	Resp:	10549
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.3	13.9
54	7.8	6.7	10.1
68	7.1	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.052 ng
RT: 9.251 min Scan# 840
Delta R.T. 0.000 min
Lab File: BN027353.D
Acq: 01 Sep 2023 20:24

Tgt Ion:	82	Resp:	397
Ion Ratio	Lower	Upper	
82	100		
128	62.0	33.4	50.0#
54	62.3	37.7	56.5#

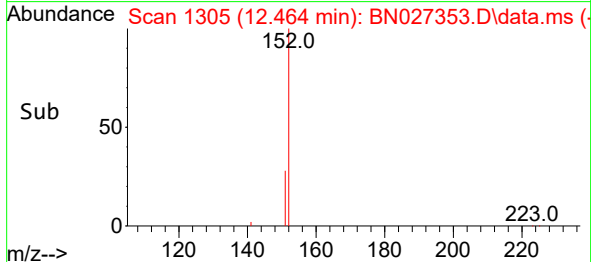
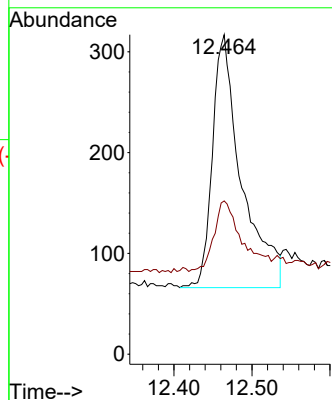
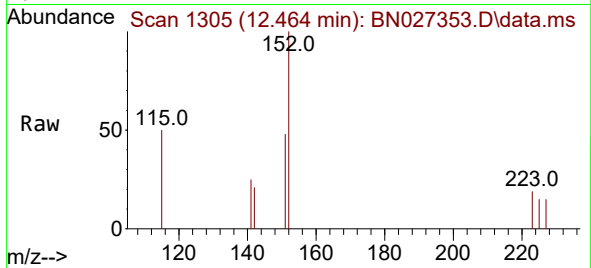




#11
2-Methylnaphthalene-d10
Concen: 0.042 ng
RT: 12.464 min Scan# 11
Delta R.T. 0.008 min
Lab File: BN027353.D
Acq: 01 Sep 2023 20:24

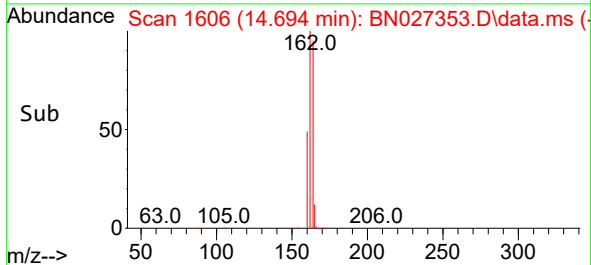
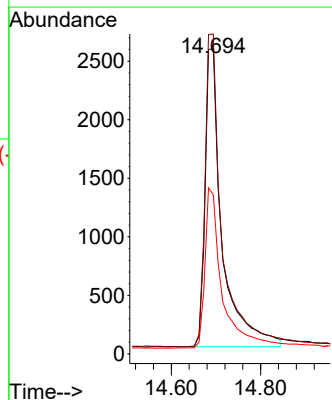
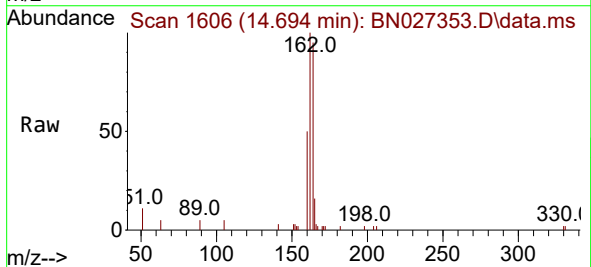
Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-082823-HDL

Tgt Ion:152 Resp: 650
Ion Ratio Lower Upper
152 100
151 27.2 16.6 25.0#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1606
Delta R.T. 0.011 min
Lab File: BN027353.D
Acq: 01 Sep 2023 20:24

Tgt Ion:164 Resp: 6753
Ion Ratio Lower Upper
164 100
162 104.9 85.8 128.8
160 52.2 44.2 66.2

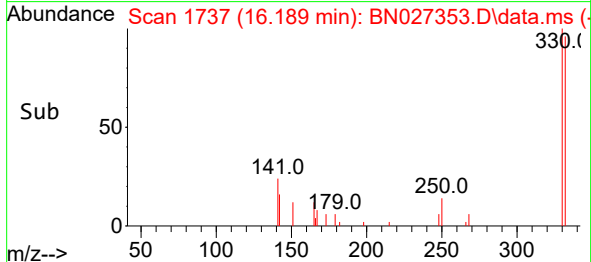
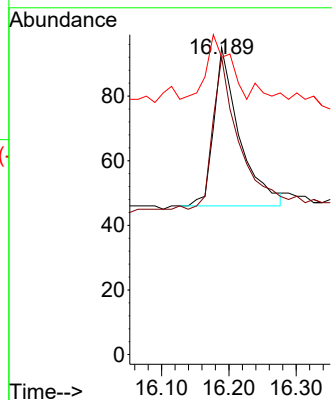
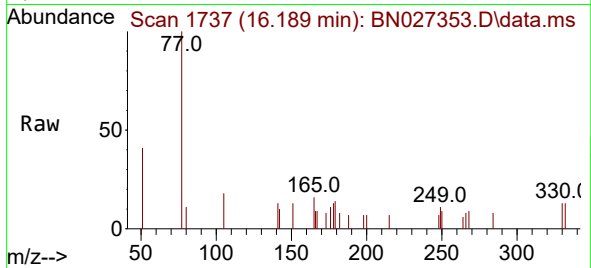




#14
2,4,6-Tribromophenol
Concen: 0.052 ng
RT: 16.189 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN027353.D
Acq: 01 Sep 2023 20:24

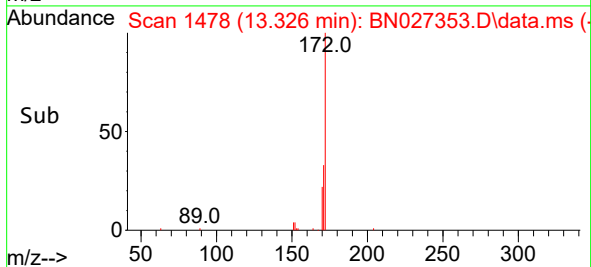
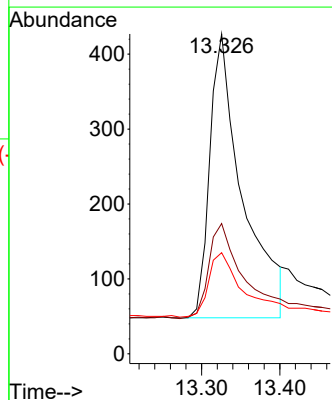
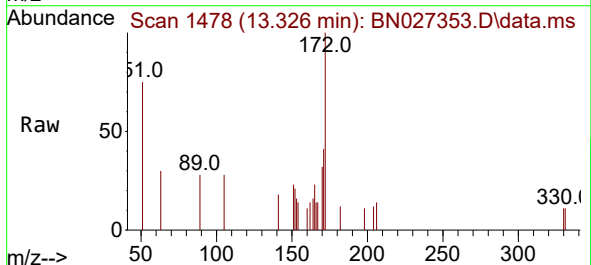
Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-082823-HDL

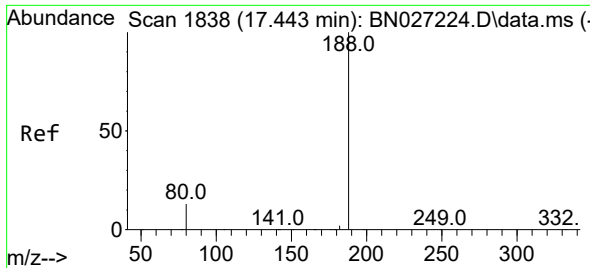
Tgt Ion:330 Resp: 130
Ion Ratio Lower Upper
330 100
332 100.8 75.2 112.8
141 35.4 36.2 54.4#



#15
2-Fluorobiphenyl
Concen: 0.043 ng
RT: 13.326 min Scan# 1478
Delta R.T. 0.011 min
Lab File: BN027353.D
Acq: 01 Sep 2023 20:24

Tgt Ion:172 Resp: 1101
Ion Ratio Lower Upper
172 100
171 40.7 27.8 41.8
170 31.6 19.3 28.9#

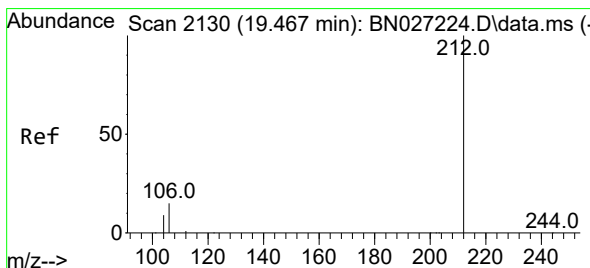
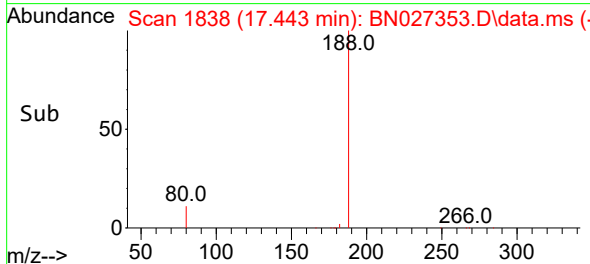
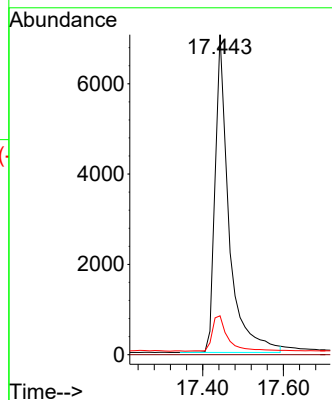
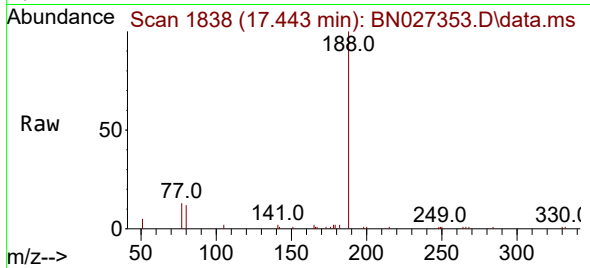




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN027353.D
Acq: 01 Sep 2023 20:24

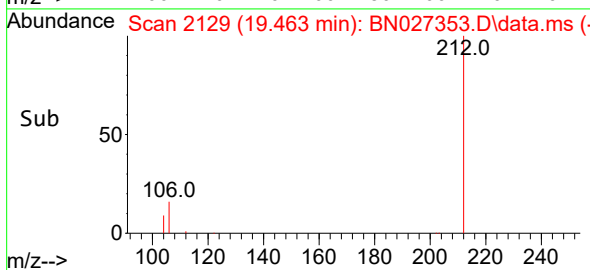
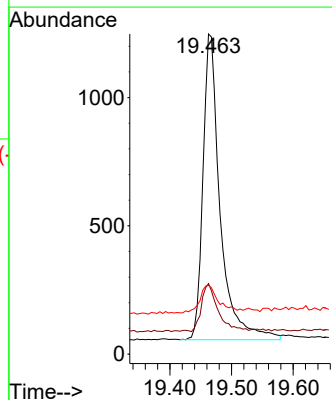
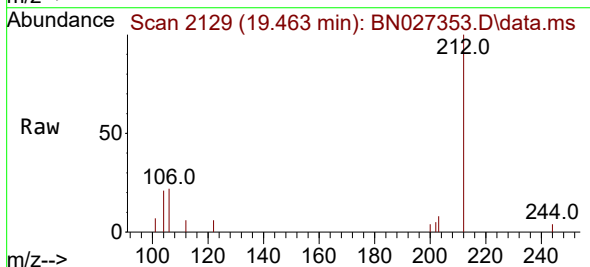
Instrument :
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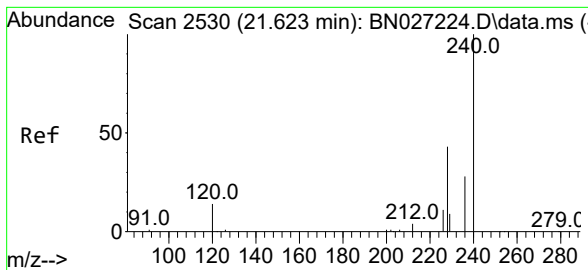
Tgt Ion:188 Resp: 16804
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 11.0 16.6



#27
Fluoranthene-d10
Concen: 0.055 ng
RT: 19.463 min Scan# 2129
Delta R.T. 0.005 min
Lab File: BN027353.D
Acq: 01 Sep 2023 20:24

Tgt Ion:212 Resp: 2308
Ion Ratio Lower Upper
212 100
106 15.0 12.1 18.1
104 10.1 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.623 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN027353.D

Acq: 01 Sep 2023 20:24

Instrument :

BNA_N

ClientSampleId :

OWBR-05-135-082823-HDL

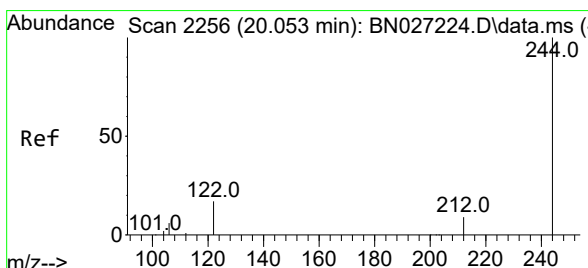
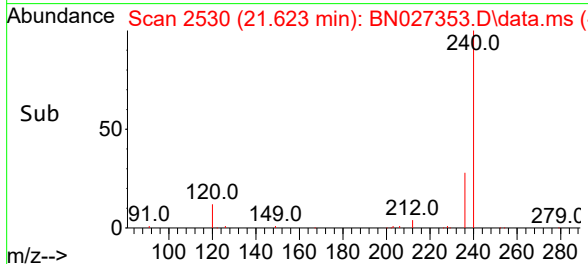
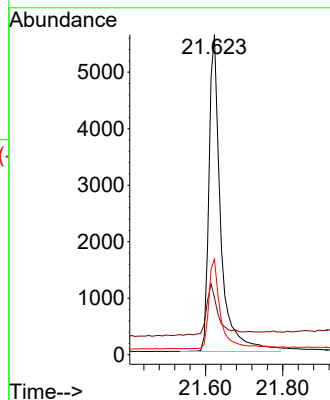
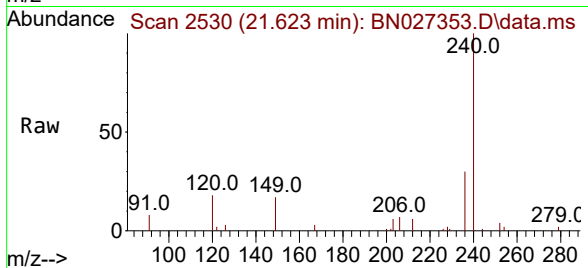
Tgt Ion:240 Resp: 11892

Ion Ratio Lower Upper

240 100

120 17.9 14.2 21.4

236 29.8 22.9 34.3



#31

Terphenyl-d14

Concen: 0.067 ng

RT: 20.048 min Scan# 2255

Delta R.T. 0.005 min

Lab File: BN027353.D

Acq: 01 Sep 2023 20:24

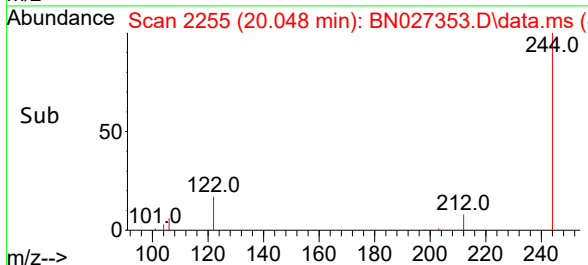
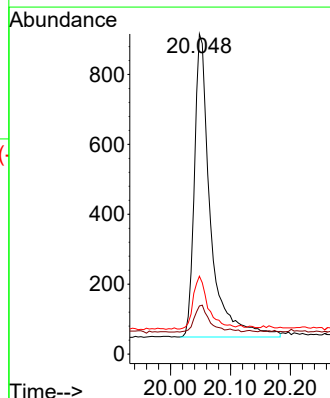
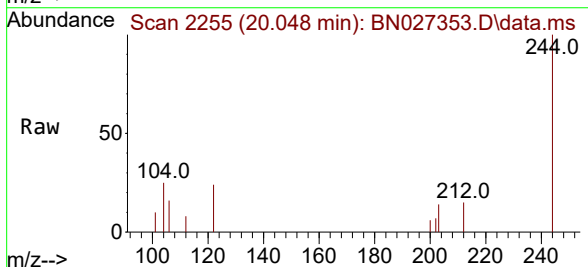
Tgt Ion:244 Resp: 1608

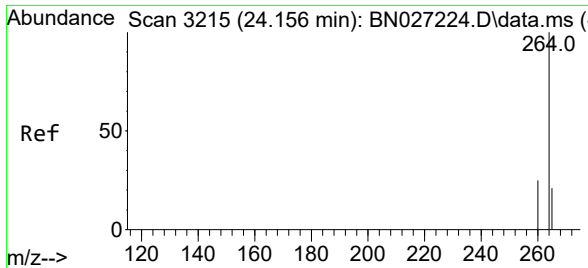
Ion Ratio Lower Upper

244 100

212 15.1 7.5 11.3#

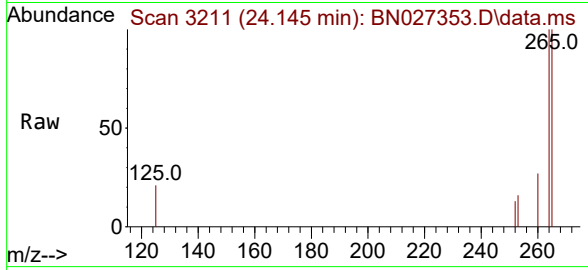
122 24.3 14.0 21.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.145 min Scan# 31
 Delta R.T. 0.009 min
 Lab File: BN027353.D
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Tgt Ion:	264	Resp:	10009
Ion Ratio	Lower	Upper	
264	100		
260	26.9	20.7	31.1
265	99.6	53.3	79.9

