

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024326.D
 Acq On : 17 Mar 2023 00:17
 Operator : CG/JU
 Sample : 01843-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 17 04:44:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 04:37:08 2023
 Response via : Initial Calibration

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

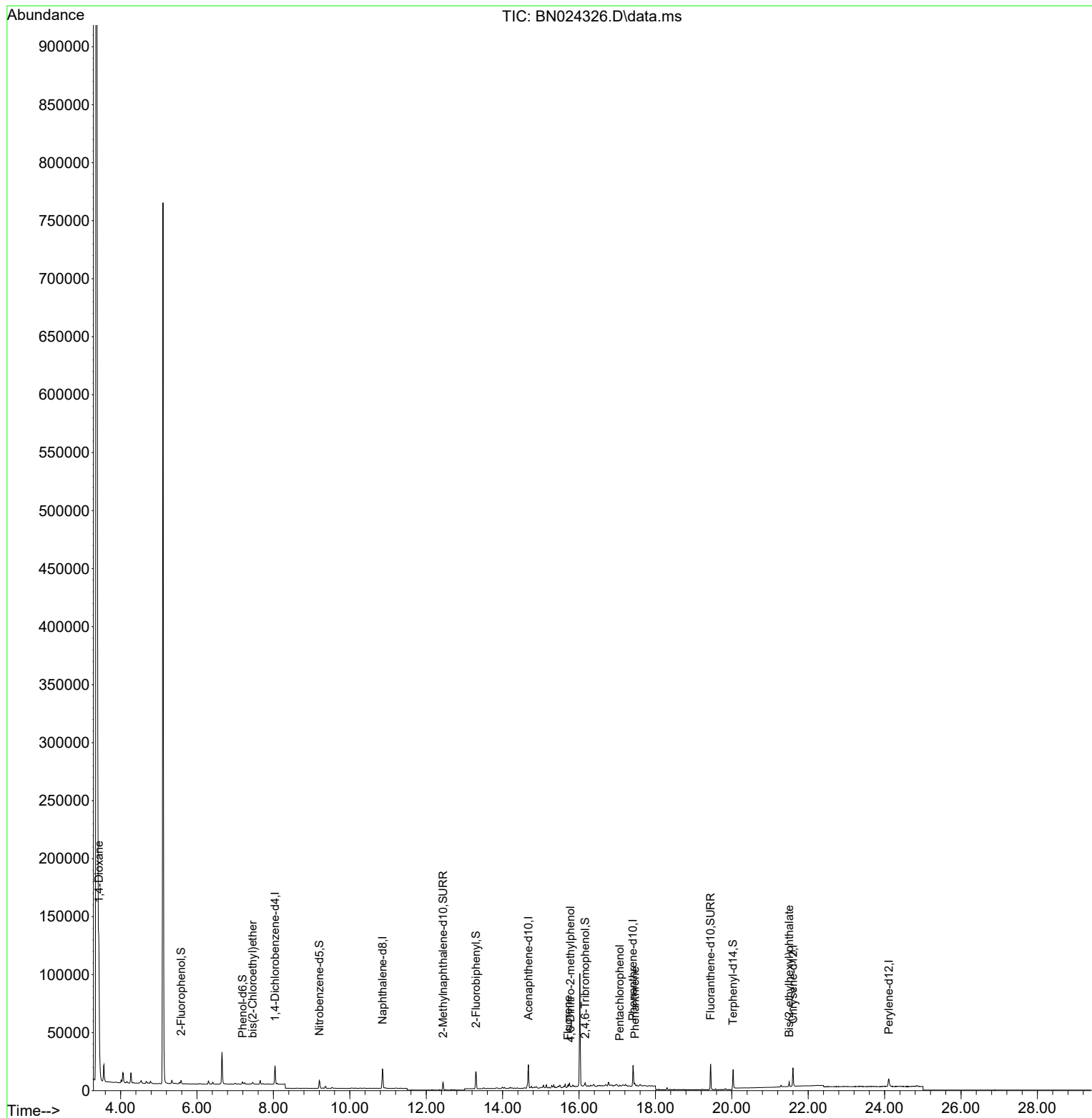
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	7320	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	21356	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	10424	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	22346	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	14821	0.400	ng	# 0.00
35) Perylene-d12	24.108	264	10664	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2247	0.139	ng	0.00
5) Phenol-d6	7.195	99	1636	0.079	ng	0.00
8) Nitrobenzene-d5	9.201	82	5547	0.389	ng	0.00
11) 2-Methylnaphthalene-d10	12.441	152	8908	0.339	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1403	0.263	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	13588	0.345	ng	0.00
27) Fluoranthene-d10	19.446	212	22386	0.473	ng	0.00
31) Terphenyl-d14	20.034	244	11929	0.477	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.432	88	49363	6.198	ng	96
6) bis(2-Chloroethyl)ether	7.455	93	896	0.043	ng	# 89
18) Fluorene	15.712	166	1069	0.028	ng	# 48
20) 4,6-Dinitro-2-methylph...	15.774	198	9	0.180	ng	# 1
24) Pentachlorophenol	17.065	266	36	0.132	ng	# 67
25) Phenanthrene	17.462	178	2905	0.044	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.502	149	3627	0.156	ng	98

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

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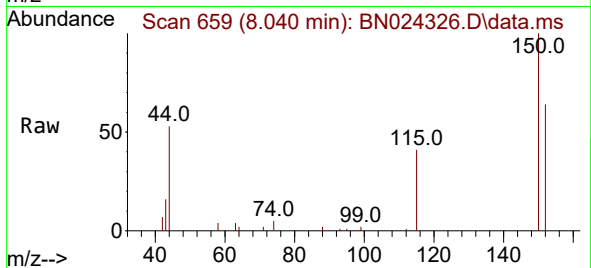
Quant Time: Mar 17 04:44:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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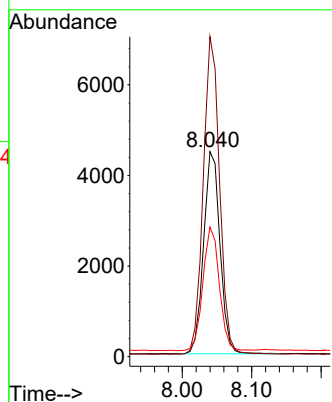
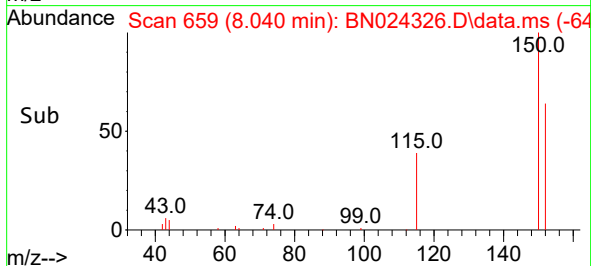


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024326.D
 Acq: 17 Mar 2023 00:17

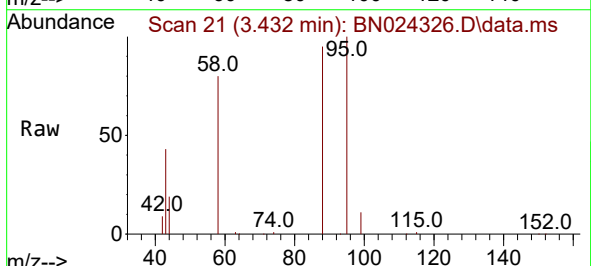
Instrument :
 BNA_N
 ClientSampleId :



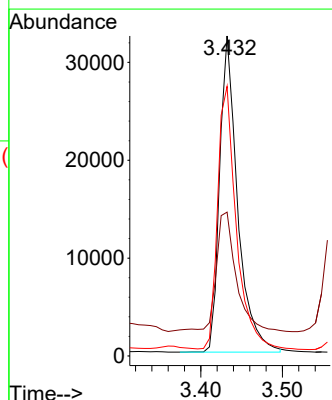
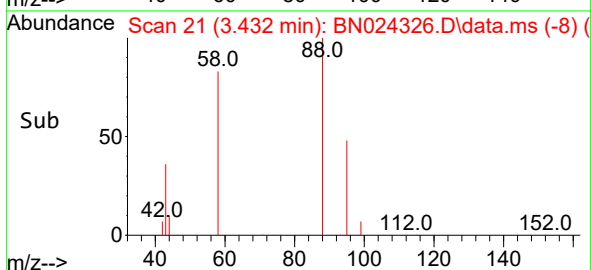
Tgt Ion:152 Resp: 7320
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.7 187.1
 115 63.2 49.1 73.7



#2
 1,4-Dioxane
 Concen: 6.198 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024326.D
 Acq: 17 Mar 2023 00:17



Tgt Ion: 88 Resp: 49363
 Ion Ratio Lower Upper
 88 100
 43 42.1 29.0 43.4
 58 85.9 67.3 100.9

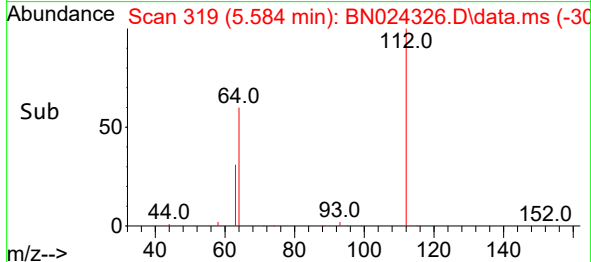
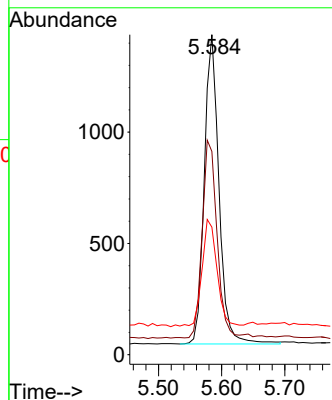
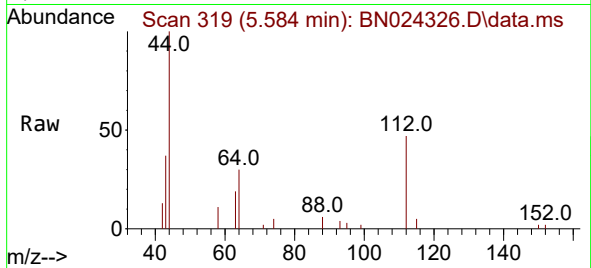




#4
2-Fluorophenol
Concen: 0.139 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024326.D
Acq: 17 Mar 2023 00:17

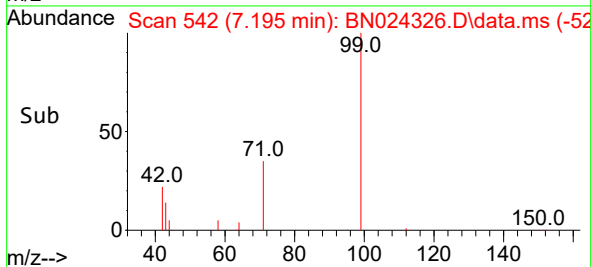
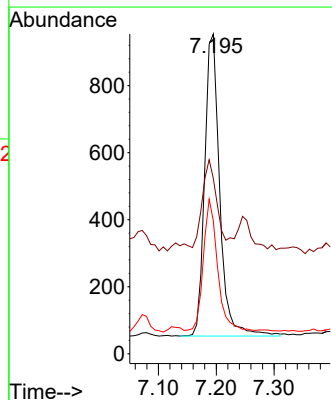
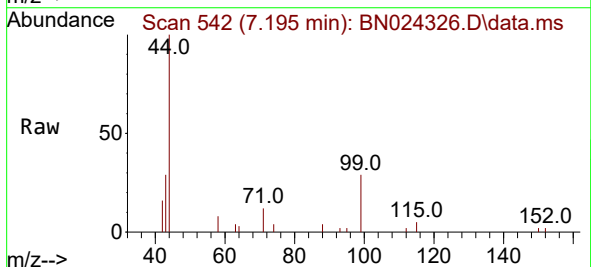
Instrument :
BNA_N
ClientSampleId :

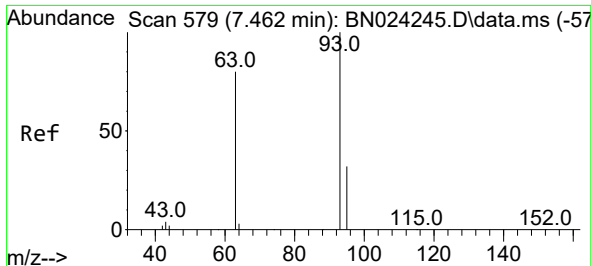
Tgt Ion:112 Resp: 2247
Ion Ratio Lower Upper
112 100
64 64.0 49.0 73.6
63 35.6 25.7 38.5



#5
Phenol-d6
Concen: 0.079 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN024326.D
Acq: 17 Mar 2023 00:17

Tgt Ion: 99 Resp: 1636
Ion Ratio Lower Upper
99 100
42 28.7 20.1 30.1
71 41.1 25.8 38.8#

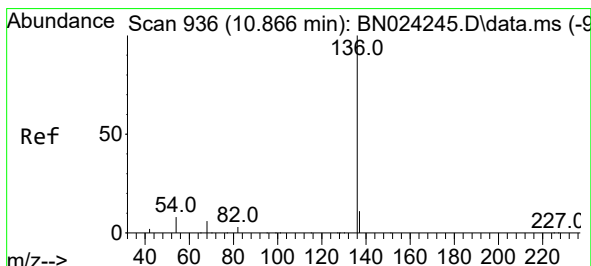
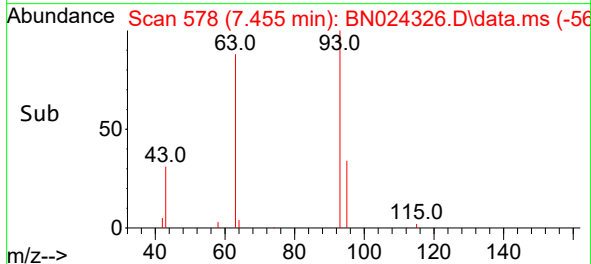
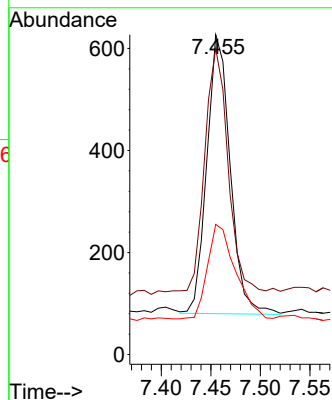
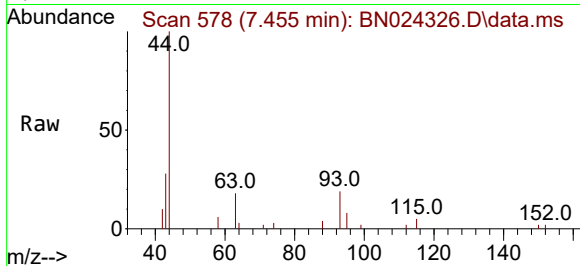




#6
bis(2-Chloroethyl)ether
Concen: 0.043 ng
RT: 7.455 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN024326.D
Acq: 17 Mar 2023 00:17

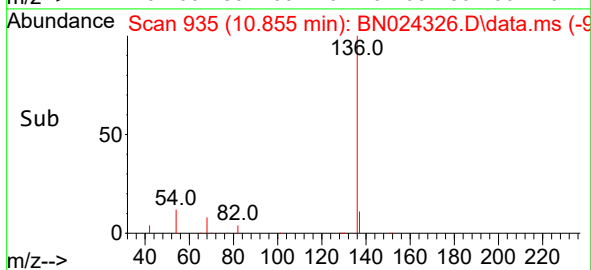
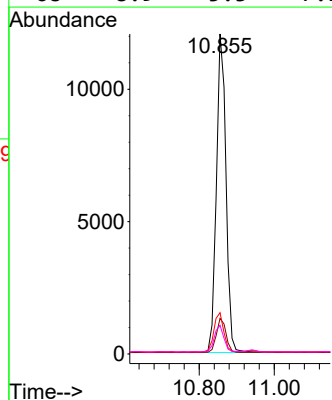
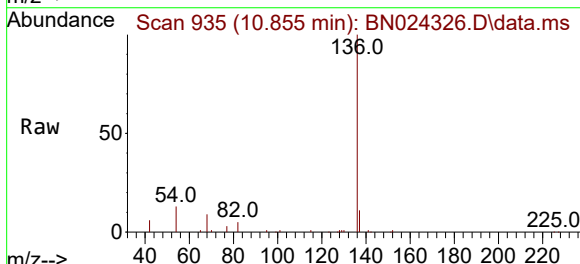
Instrument :
BNA_N
ClientSampleId :

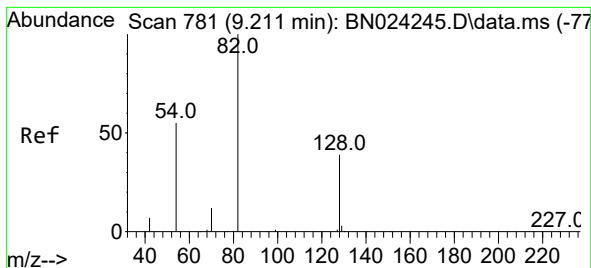
Tgt Ion: 93 Resp: 896
Ion Ratio Lower Upper
93 100
63 89.8 65.4 98.2
95 41.7 25.8 38.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 935
Delta R.T. 0.000 min
Lab File: BN024326.D
Acq: 17 Mar 2023 00:17

Tgt Ion: 136 Resp: 21356
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 12.9 7.1 10.7#
68 8.9 5.3 7.9#

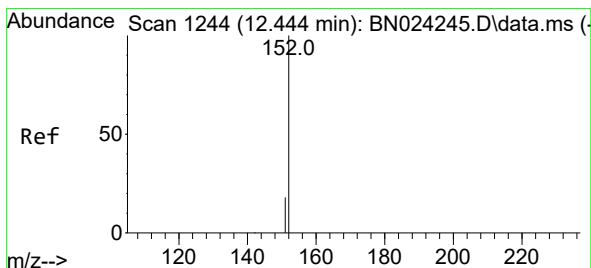
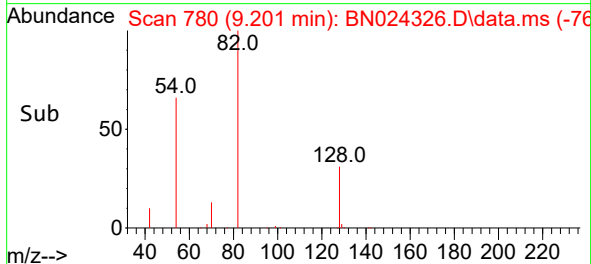
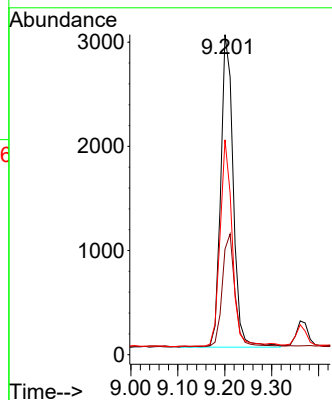
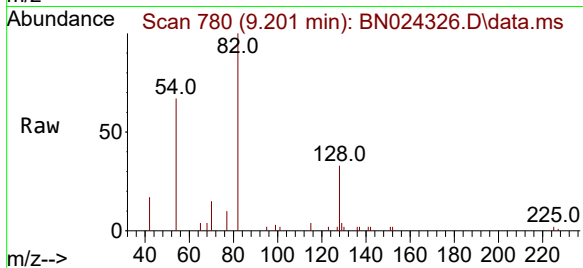




#8
Nitrobenzene-d5
Concen: 0.389 ng
RT: 9.201 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN024326.D
Acq: 17 Mar 2023 00:17

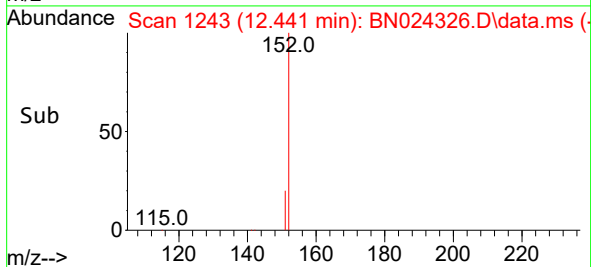
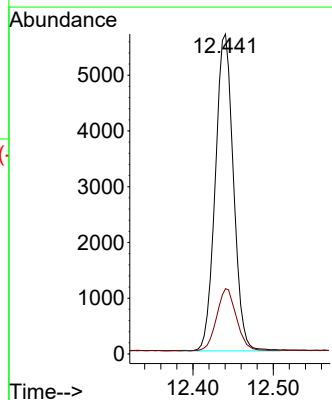
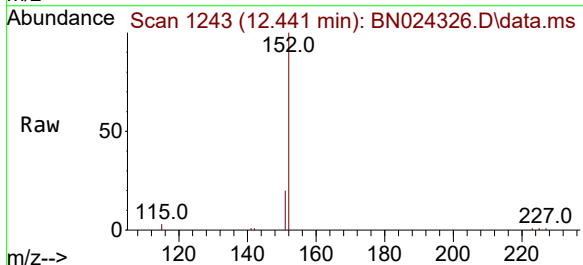
Instrument :
BNA_N
ClientSampleId :

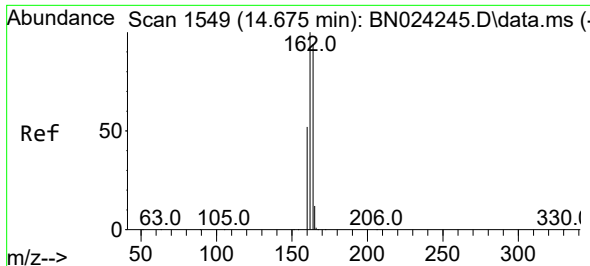
Tgt Ion: 82 Resp: 5547
Ion Ratio Lower Upper
82 100
128 33.0 32.4 48.6
54 67.2 45.2 67.8



#11
2-Methylnaphthalene-d10
Concen: 0.339 ng
RT: 12.441 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BN024326.D
Acq: 17 Mar 2023 00:17

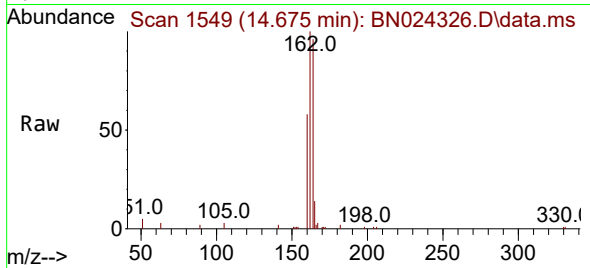
Tgt Ion: 152 Resp: 8908
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2



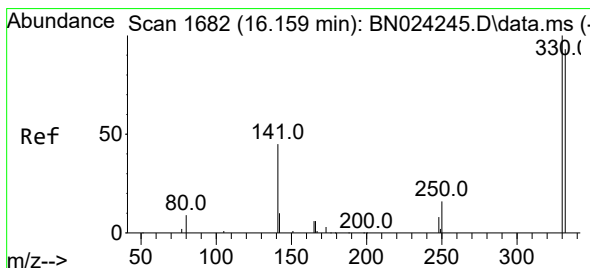
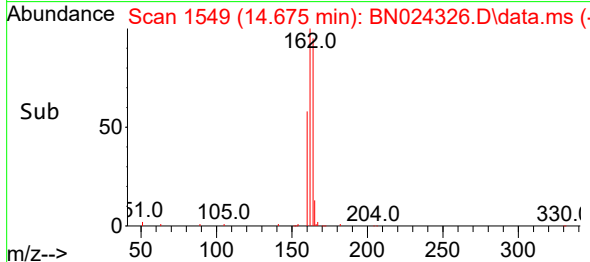
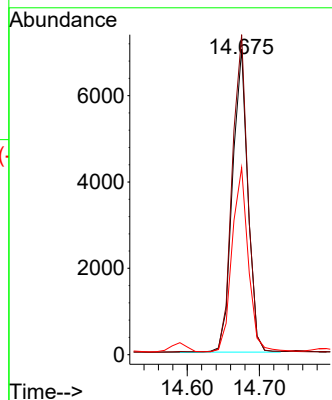


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024326.D
Acq: 17 Mar 2023 00:17

Instrument :
BNA_N
ClientSampleId :

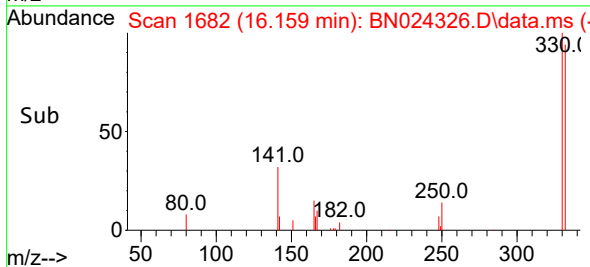
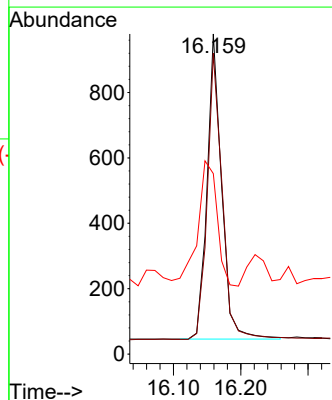
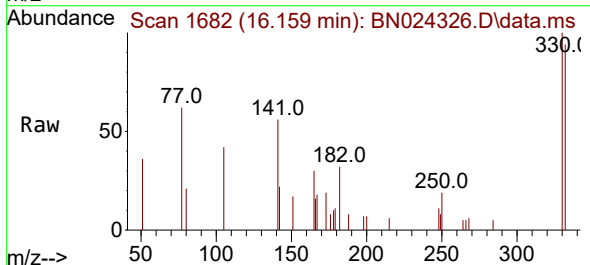


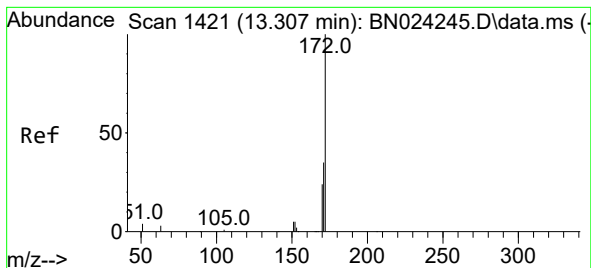
Tgt Ion:164 Resp: 10424
Ion Ratio Lower Upper
164 100
162 104.7 84.7 127.1
160 61.2 44.6 66.8



#14
2,4,6-Tribromophenol
Concen: 0.263 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024326.D
Acq: 17 Mar 2023 00:17

Tgt Ion:330 Resp: 1403
Ion Ratio Lower Upper
330 100
332 96.2 78.0 117.0
141 54.6 30.8 46.2#

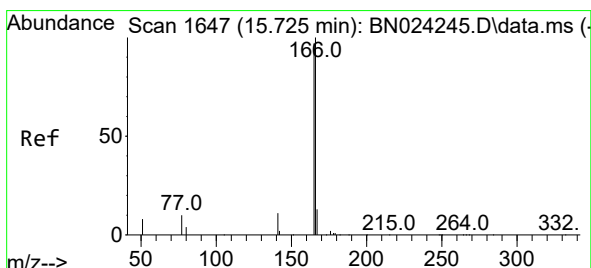
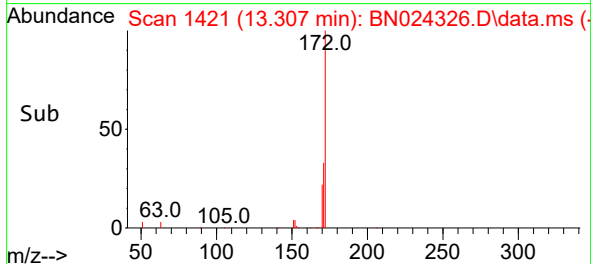
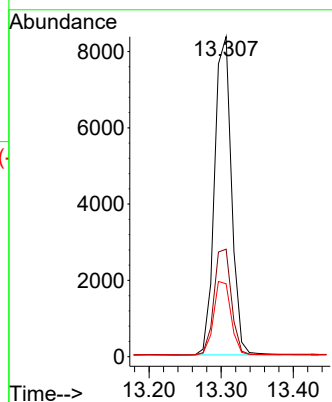
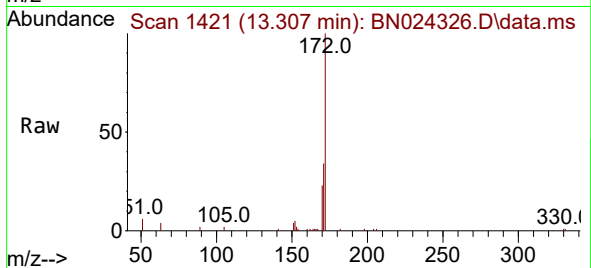




#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024326.D
Acq: 17 Mar 2023 00:17

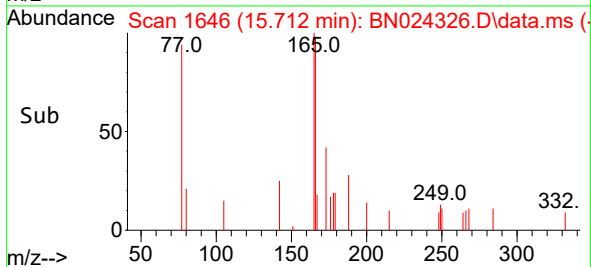
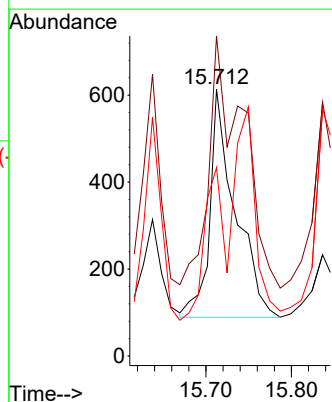
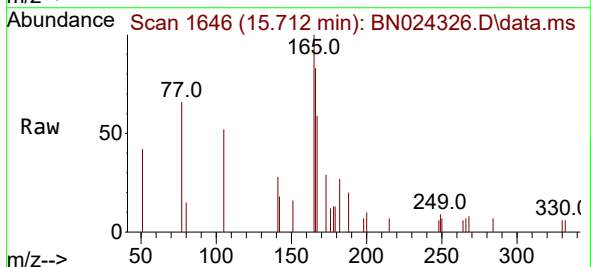
Instrument :
BNA_N
ClientSampleId :

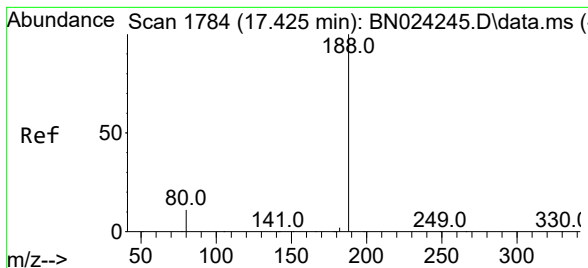
Tgt Ion:172 Resp: 13588
Ion Ratio Lower Upper
172 100
171 33.6 27.8 41.8
170 22.8 19.0 28.6



#18
Fluorene
Concen: 0.028 ng
RT: 15.712 min Scan# 1646
Delta R.T. 0.000 min
Lab File: BN024326.D
Acq: 17 Mar 2023 00:17

Tgt Ion:166 Resp: 1069
Ion Ratio Lower Upper
166 100
165 146.5 80.2 120.2#
167 50.5 10.8 16.2#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.413 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024326.D

Acq: 17 Mar 2023 00:17

Instrument :

BNA_N

ClientSampleId :

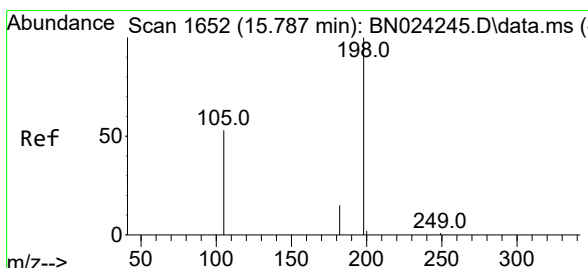
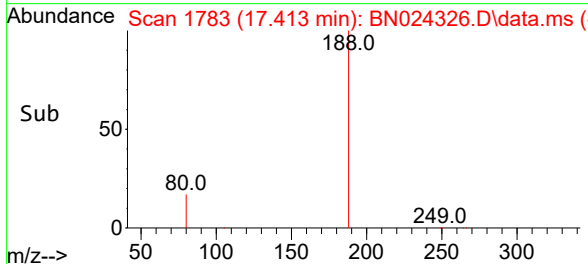
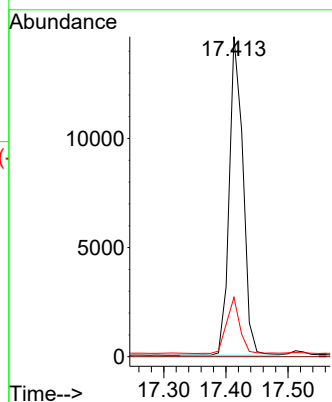
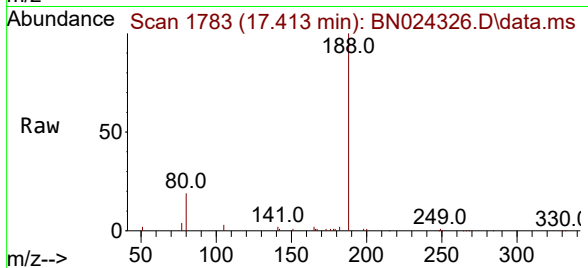
Tgt Ion:188 Resp: 22346

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 18.5 8.9 13.3#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.180 ng

RT: 15.774 min Scan# 1651

Delta R.T. -0.012 min

Lab File: BN024326.D

Acq: 17 Mar 2023 00:17

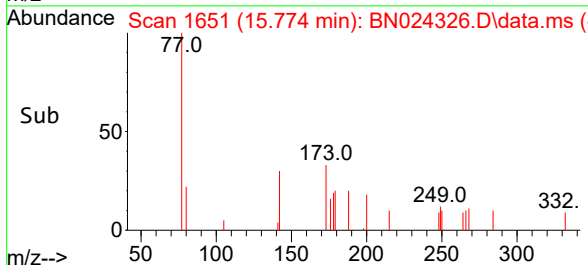
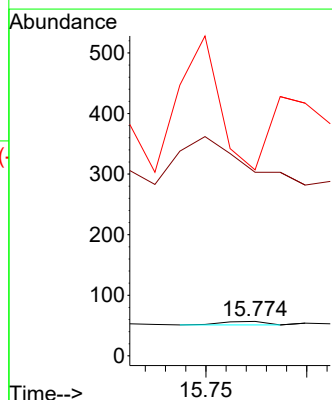
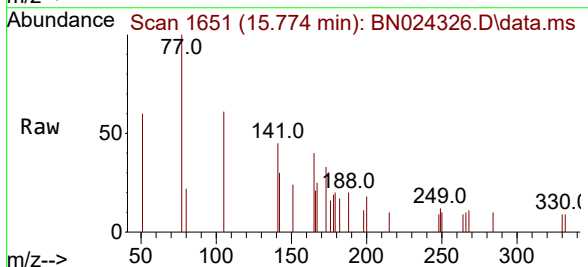
Tgt Ion:198 Resp: 9

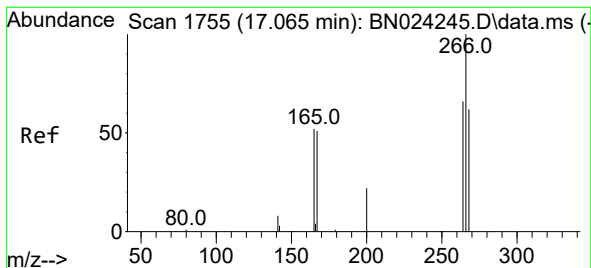
Ion Ratio Lower Upper

198 100

51 531.6 68.2 102.2#

105 538.6 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.132 ng

RT: 17.065 min Scan# 1755

Delta R.T. 0.000 min

Lab File: BN024326.D

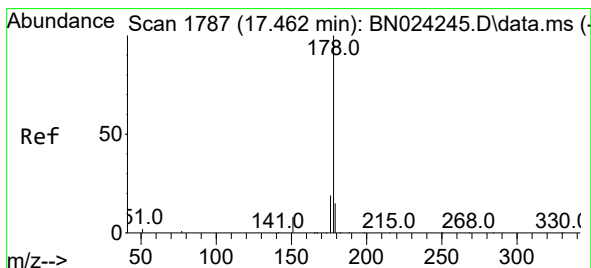
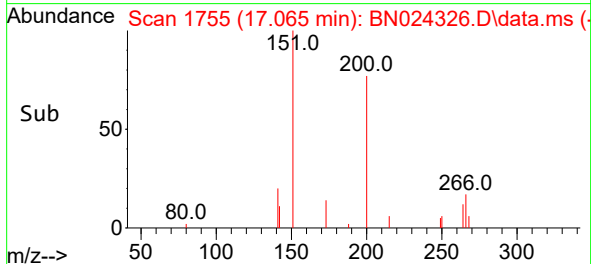
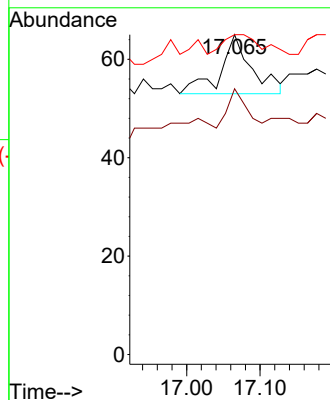
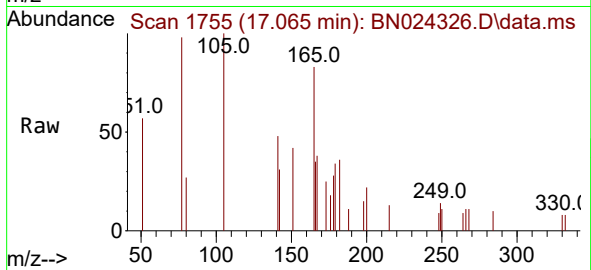
Acq: 17 Mar 2023 00:17

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	266	Resp:	36
Ion Ratio	Lower	Upper	
266	100		
264	38.9	51.1	76.7#
268	38.9	52.2	78.4#



#25

Phenanthrene

Concen: 0.044 ng

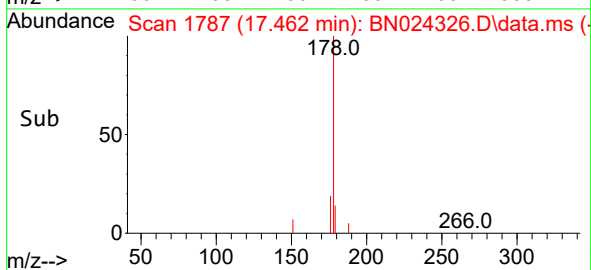
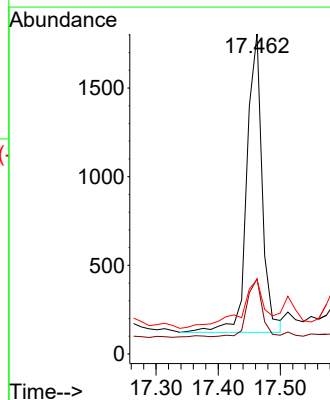
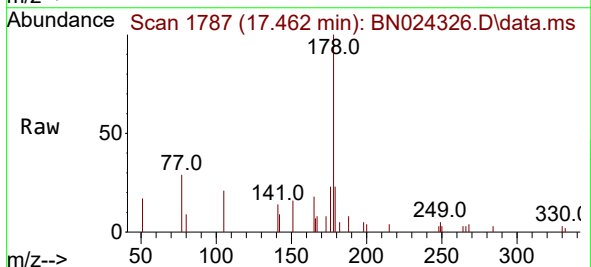
RT: 17.462 min Scan# 1787

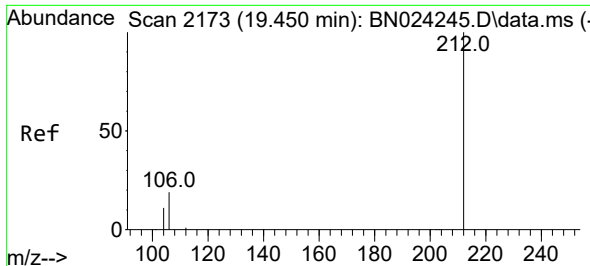
Delta R.T. 0.000 min

Lab File: BN024326.D

Acq: 17 Mar 2023 00:17

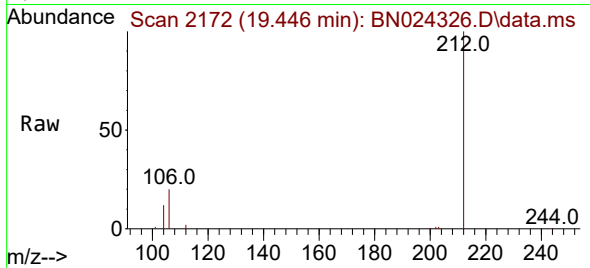
Tgt Ion:	178	Resp:	2905
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.4	23.0
179	25.2	12.2	18.2#



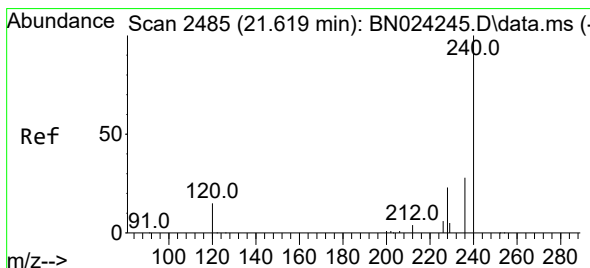
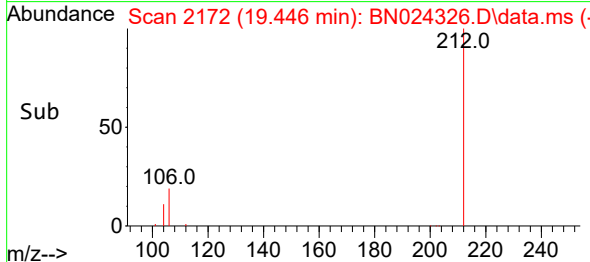
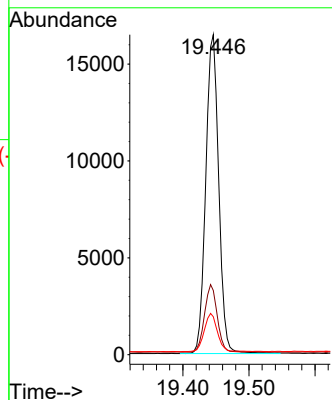


#27
Fluoranthene-d10
Concen: 0.473 ng
RT: 19.446 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN024326.D
Acq: 17 Mar 2023 00:17

Instrument :
BNA_N
ClientSampleId :

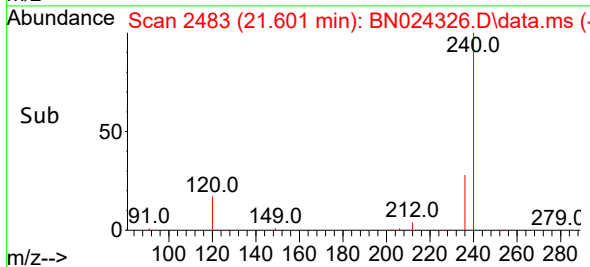
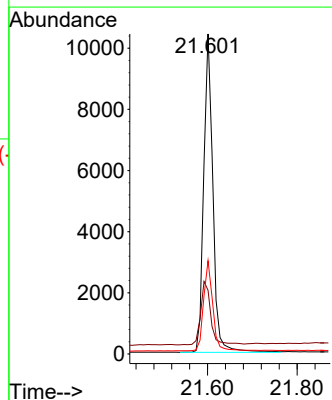
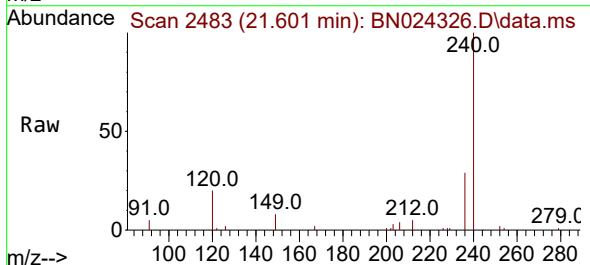


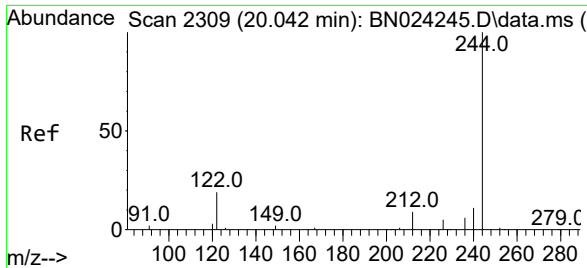
Tgt Ion:212 Resp: 22386
Ion Ratio Lower Upper
212 100
106 20.7 15.4 23.2
104 12.3 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.601 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BN024326.D
Acq: 17 Mar 2023 00:17

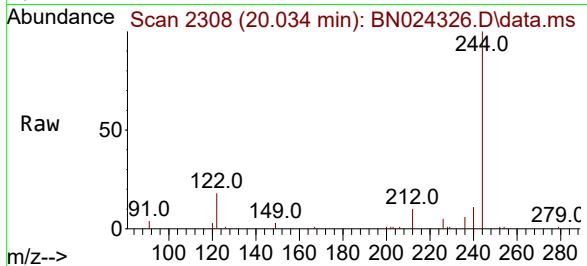
Tgt Ion:240 Resp: 14821
Ion Ratio Lower Upper
240 100
120 19.9 12.8 19.2#
236 29.1 22.5 33.7



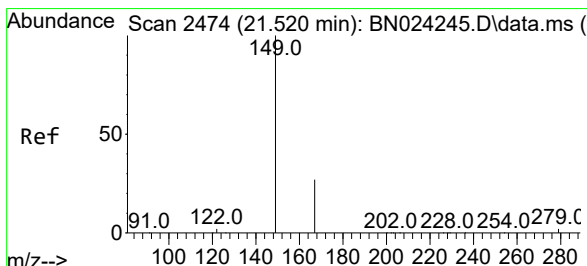
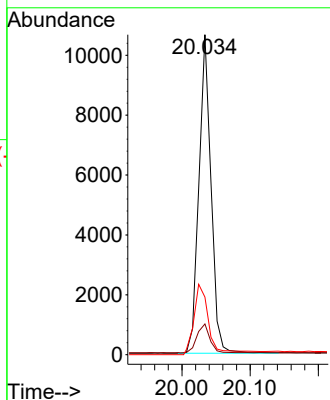
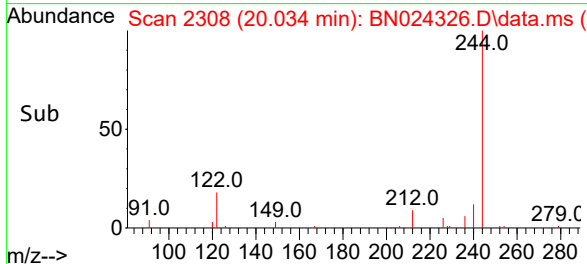


#31
 Terphenyl-d14
 Concen: 0.477 ng
 RT: 20.034 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN024326.D
 Acq: 17 Mar 2023 00:17

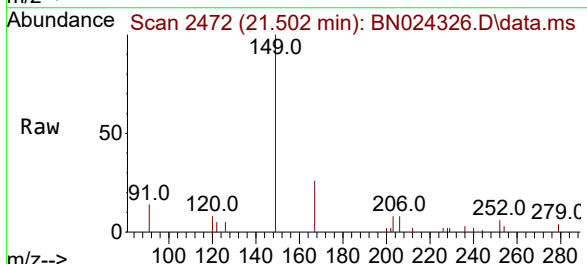
Instrument :
 BNA_N
 ClientSampleId :



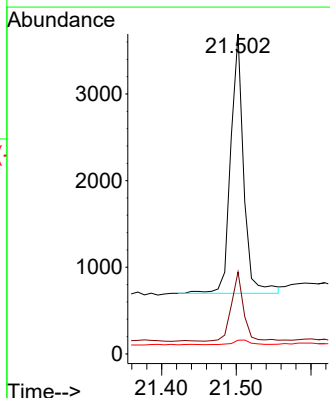
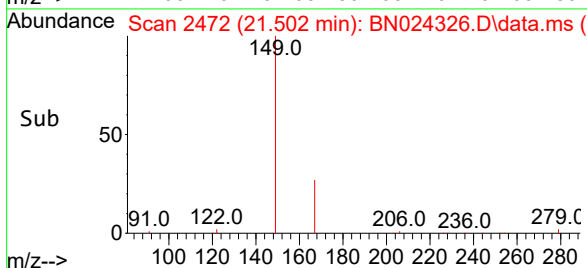
Tgt Ion:244 Resp: 11929
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.6 11.4
 122 18.0 15.1 22.7

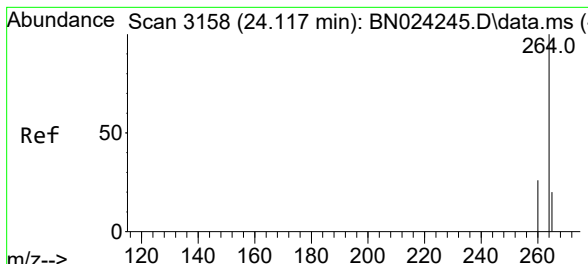


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.156 ng
 RT: 21.502 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BN024326.D
 Acq: 17 Mar 2023 00:17



Tgt Ion:149 Resp: 3627
 Ion Ratio Lower Upper
 149 100
 167 25.1 21.2 31.8
 279 2.4 1.8 2.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.108 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN024326.D
 Acq: 17 Mar 2023 00:17

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:264 Resp: 10664

Ion	Ratio	Lower	Upper
264	100		
260	28.1	21.4	32.2
265	69.5	35.7	53.5

