

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024321.D
 Acq On : 16 Mar 2023 21:12
 Operator : CG/JU
 Sample : 01843-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20230306

Quant Time: Mar 17 04:44:00 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)

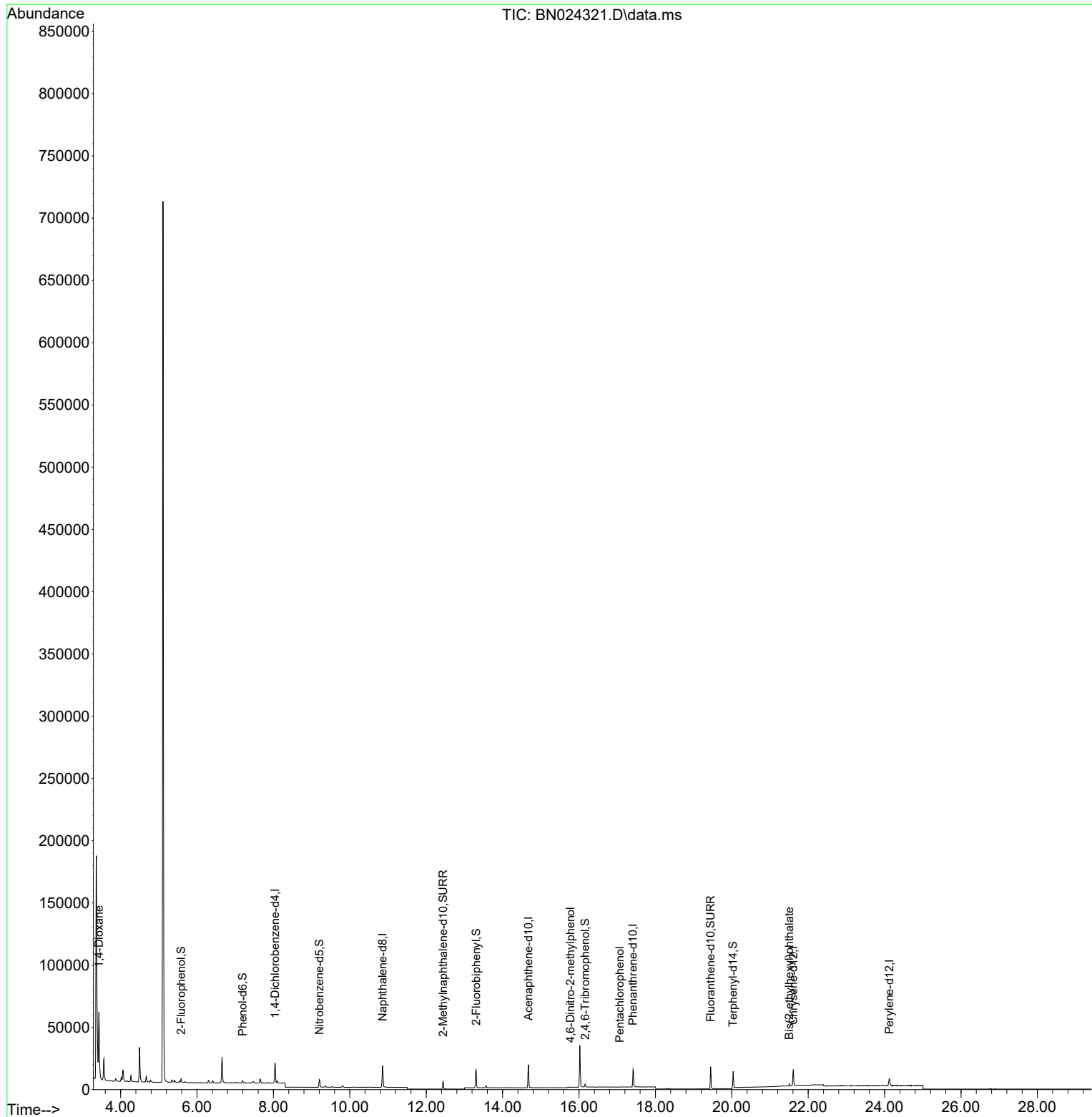
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	7662	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	21934	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	9851	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	19964	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	13083	0.400	ng	0.00
35) Perylene-d12	24.123	264	8964	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2248	0.133	ng	0.00
5) Phenol-d6	7.195	99	1631	0.075	ng	0.00
8) Nitrobenzene-d5	9.200	82	5380	0.367	ng	0.00
11) 2-Methylnaphthalene-d10	12.440	152	8354	0.310	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1242	0.247	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	13027	0.350	ng	0.00
27) Fluoranthene-d10	19.446	212	17569	0.415	ng	0.00
31) Terphenyl-d14	20.033	244	9875	0.448	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	32670	3.919	ng	Qvalue 94
20) 4,6-Dinitro-2-methylph...	15.774	198	3	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	42	0.133	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.502	149	1362	0.066	ng	# 98

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

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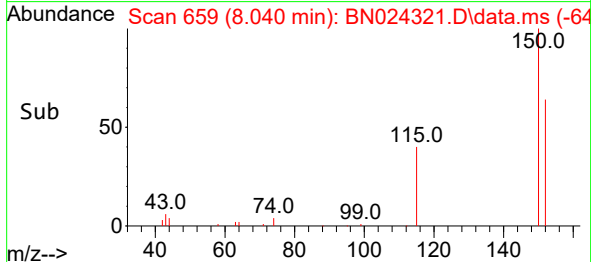
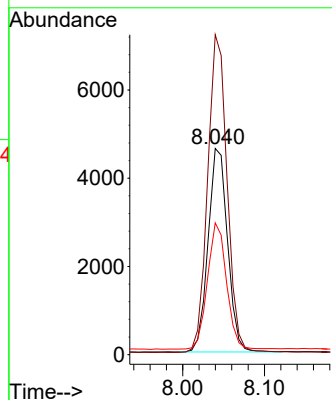
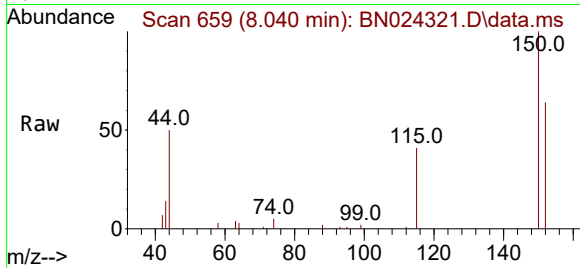




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024321.D
 Acq: 16 Mar 2023 21:12

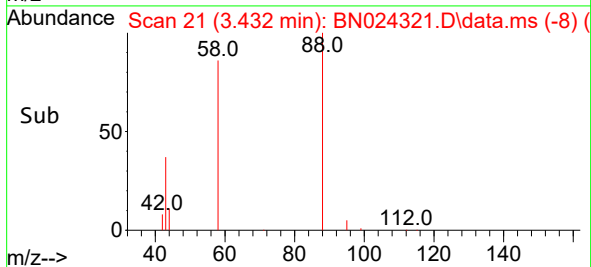
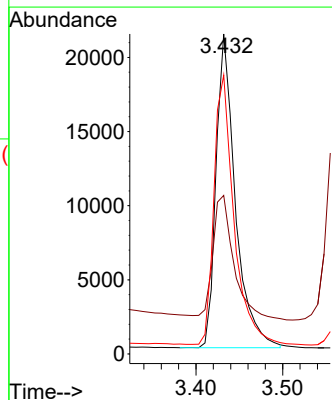
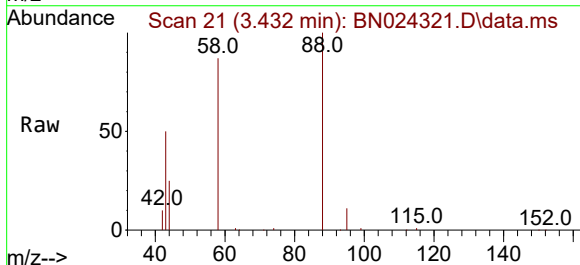
Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20230306

Tgt Ion: 152 Resp: 7662
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.7 187.1
 115 63.9 49.1 73.7



#2
 1,4-Dioxane
 Concen: 3.919 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024321.D
 Acq: 16 Mar 2023 21:12

Tgt Ion: 88 Resp: 32670
 Ion Ratio Lower Upper
 88 100
 43 42.2 29.0 43.4
 58 88.4 67.3 100.9

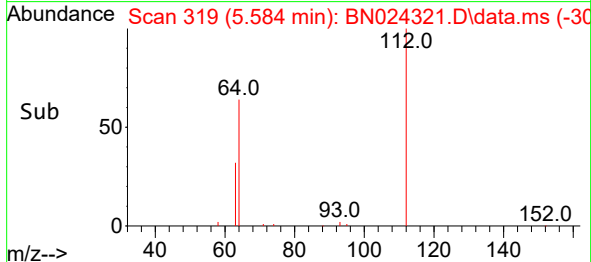
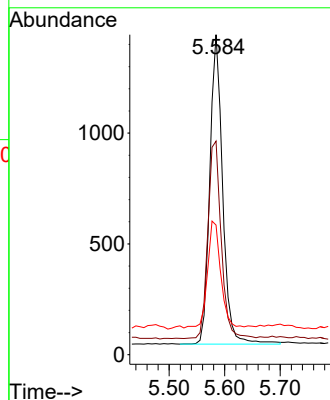
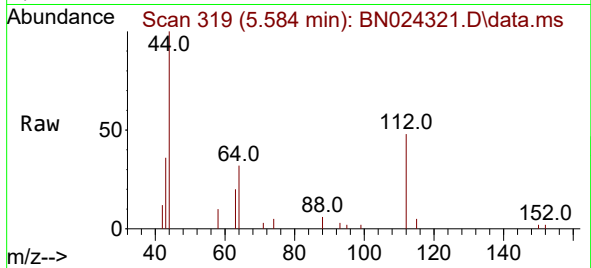




#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024321.D
Acq: 16 Mar 2023 21:12

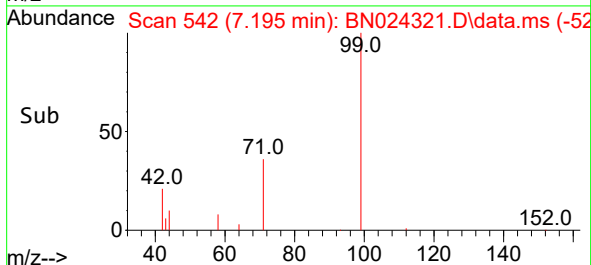
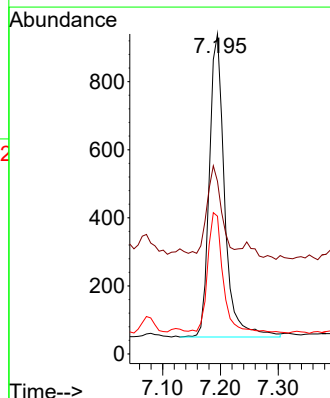
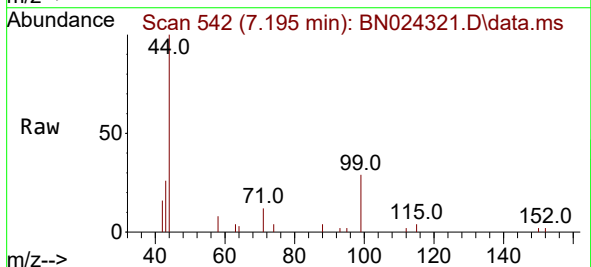
Instrument :
BNA_N
ClientSampleId :
DUP04-20230306

Tgt Ion:112 Resp: 2248
Ion Ratio Lower Upper
112 100
64 66.3 49.0 73.6
63 35.8 25.7 38.5



#5
Phenol-d6
Concen: 0.075 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN024321.D
Acq: 16 Mar 2023 21:12

Tgt Ion: 99 Resp: 1631
Ion Ratio Lower Upper
99 100
42 28.8 20.1 30.1
71 40.1 25.8 38.8#

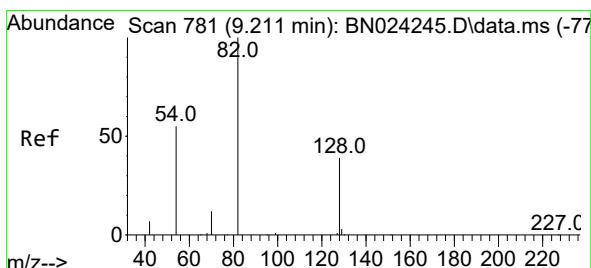
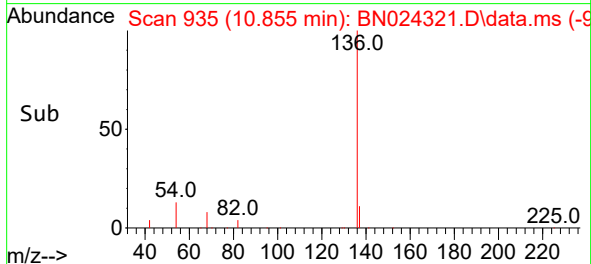
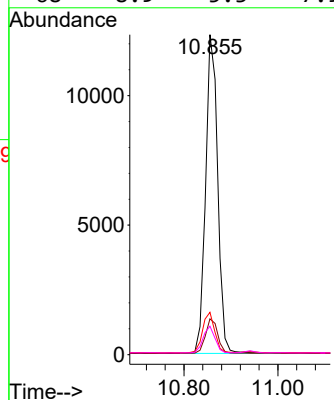
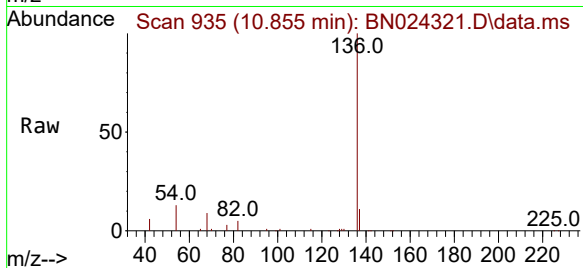




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN024321.D
Acq: 16 Mar 2023 21:12

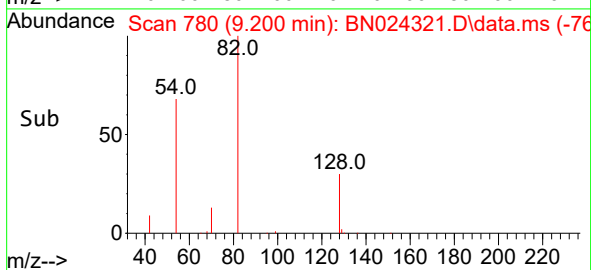
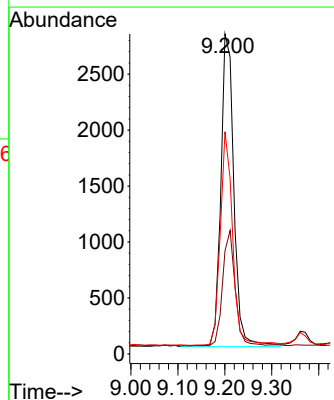
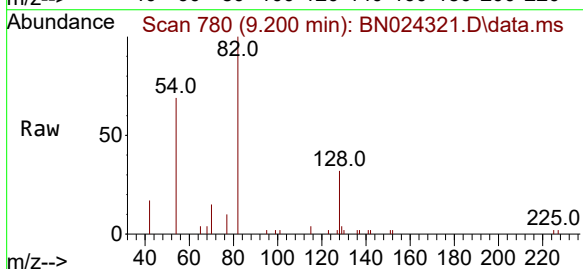
Instrument :
BNA_N
ClientSampleId :
DUP04-20230306

Tgt Ion:	136	Resp:	21934
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	13.3	7.1	10.7#
68	8.9	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 9.200 min Scan# 780
Delta R.T. -0.000 min
Lab File: BN024321.D
Acq: 16 Mar 2023 21:12

Tgt Ion:	82	Resp:	5380
Ion	Ratio	Lower	Upper
82	100		
128	32.2	32.4	48.6#
54	69.4	45.2	67.8#





#11

2-Methylnaphthalene-d10

Concen: 0.310 ng

RT: 12.440 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN024321.D

Acq: 16 Mar 2023 21:12

Instrument :

BNA_N

ClientSampleId :

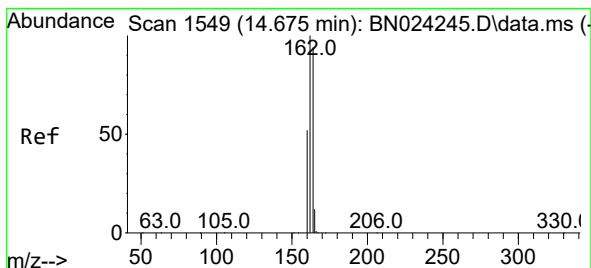
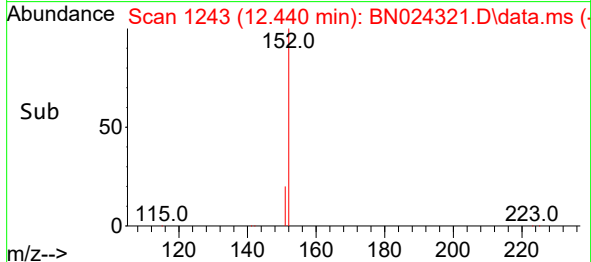
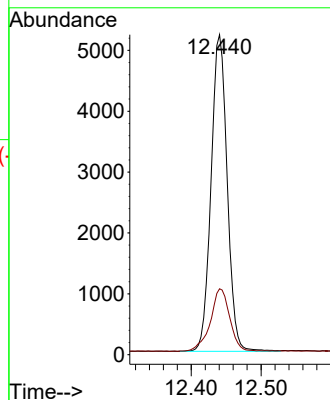
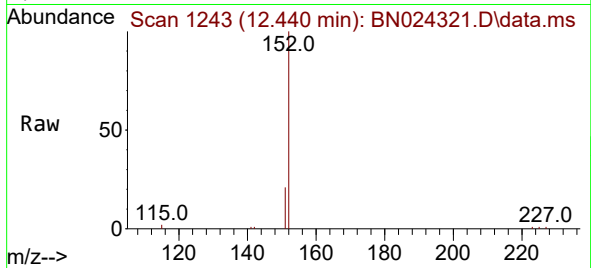
DUP04-20230306

Tgt Ion:152 Resp: 8354

Ion Ratio Lower Upper

152 100

151 24.0 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: BN024321.D

Acq: 16 Mar 2023 21:12

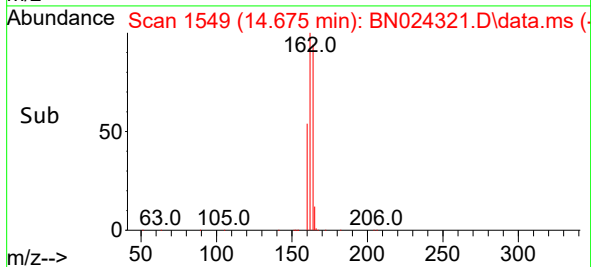
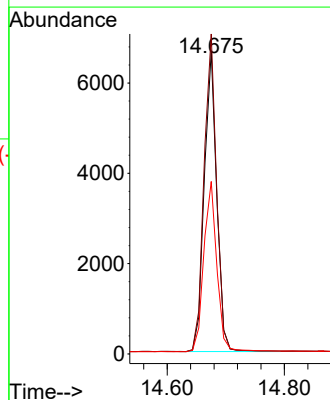
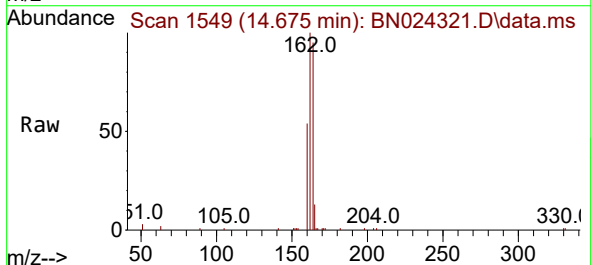
Tgt Ion:164 Resp: 9851

Ion Ratio Lower Upper

164 100

162 105.7 84.7 127.1

160 57.0 44.6 66.8

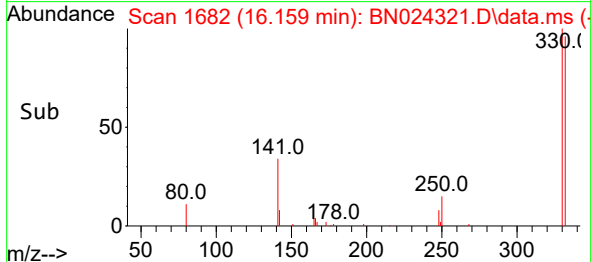
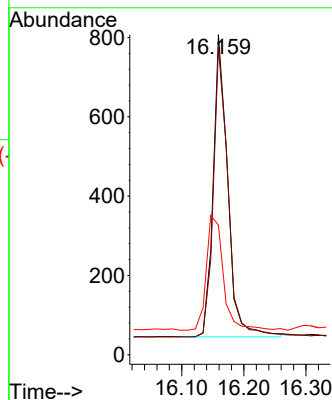
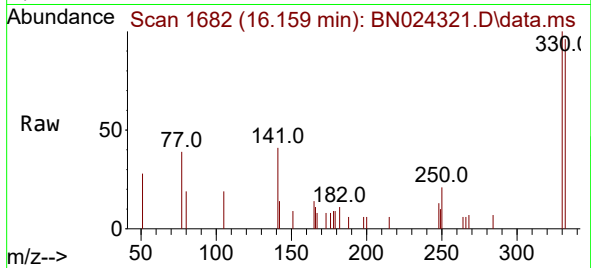




#14
2,4,6-Tribromophenol
Concen: 0.247 ng
RT: 16.159 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BN024321.D
Acq: 16 Mar 2023 21:12

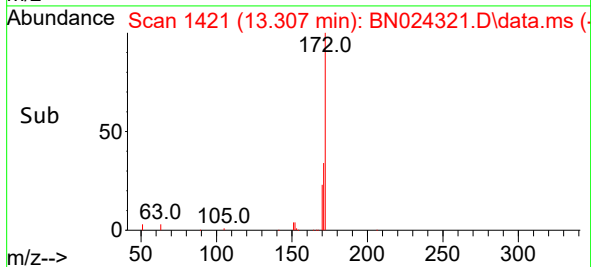
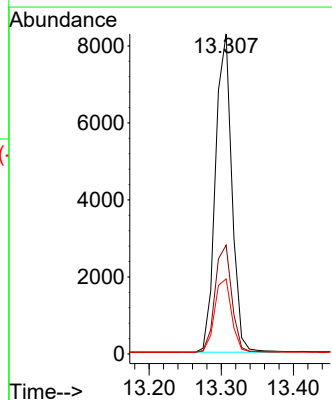
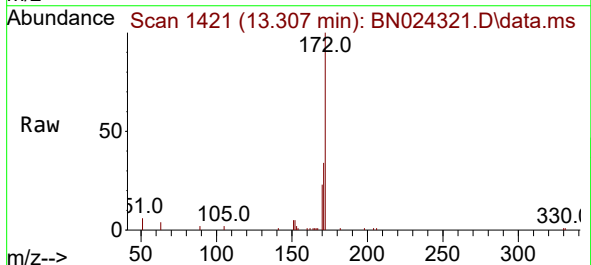
Instrument :
BNA_N
ClientSampleId :
DUP04-20230306

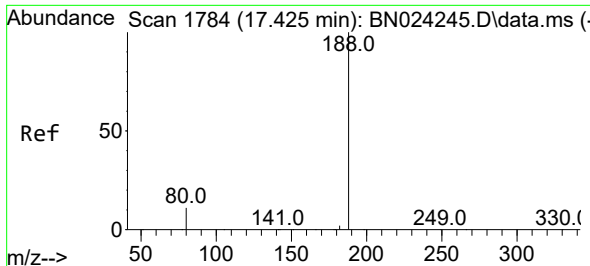
Tgt Ion:330 Resp: 1242
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 44.0 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 13.307 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN024321.D
Acq: 16 Mar 2023 21:12

Tgt Ion:172 Resp: 13027
Ion Ratio Lower Upper
172 100
171 34.0 27.8 41.8
170 23.4 19.0 28.6

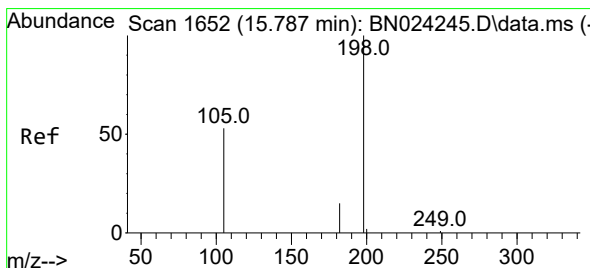
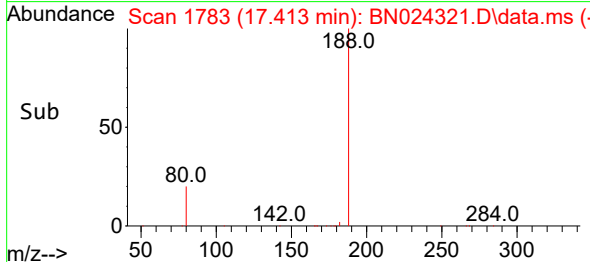
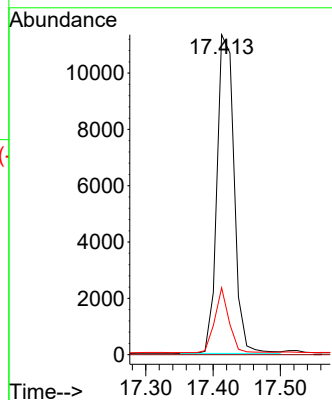
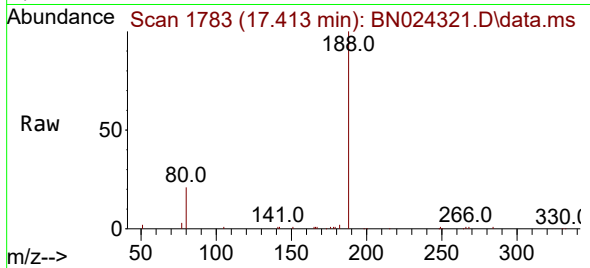




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024321.D
Acq: 16 Mar 2023 21:12

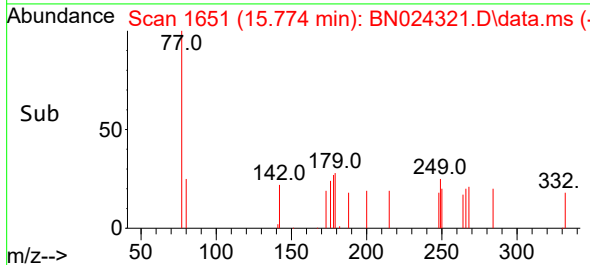
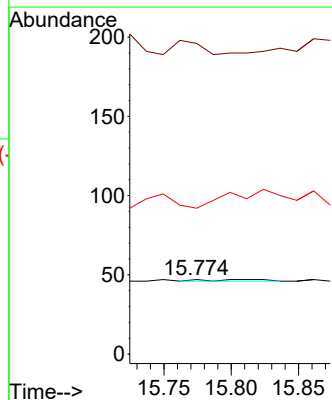
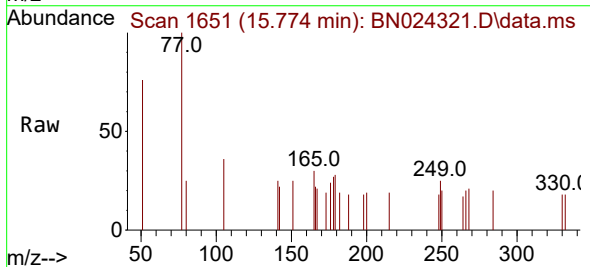
Instrument :
BNA_N
ClientSampleId :
DUP04-20230306

Tgt Ion:188 Resp: 19964
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 20.9 8.9 13.3#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.774 min Scan# 1651
Delta R.T. -0.012 min
Lab File: BN024321.D
Acq: 16 Mar 2023 21:12

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 417.0 68.2 102.2#
105 195.7 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.133 ng

RT: 17.065 min Scan# 1755

Delta R.T. -0.000 min

Lab File: BN024321.D

Acq: 16 Mar 2023 21:12

Instrument :

BNA_N

ClientSampleId :

DUP04-20230306

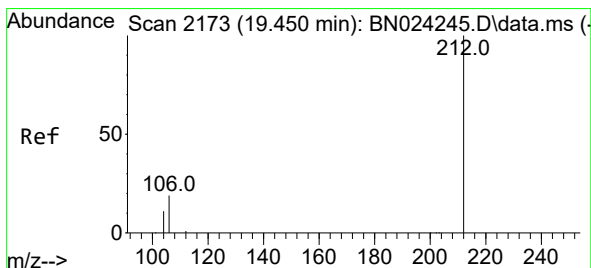
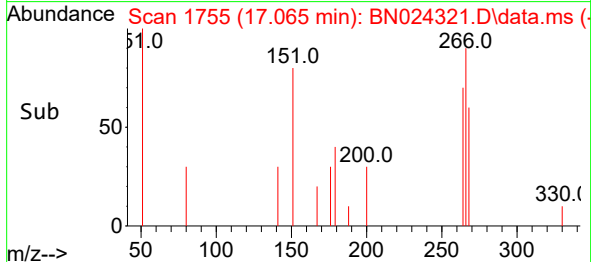
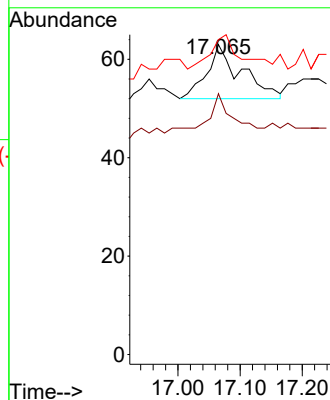
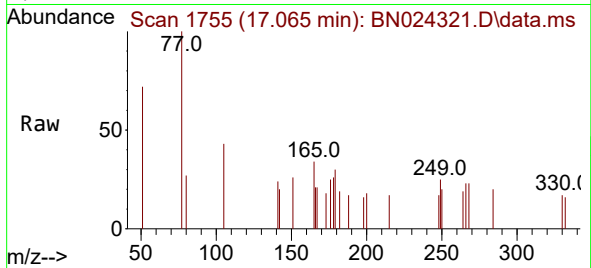
Tgt Ion:266 Resp: 42

Ion Ratio Lower Upper

266 100

264 31.0 51.1 76.7#

268 59.5 52.2 78.4



#27

Fluoranthene-d10

Concen: 0.415 ng

RT: 19.446 min Scan# 2172

Delta R.T. -0.000 min

Lab File: BN024321.D

Acq: 16 Mar 2023 21:12

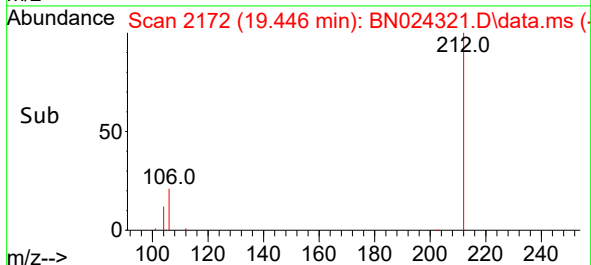
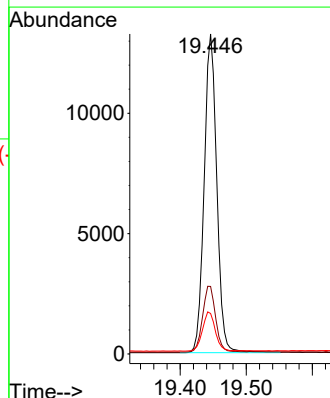
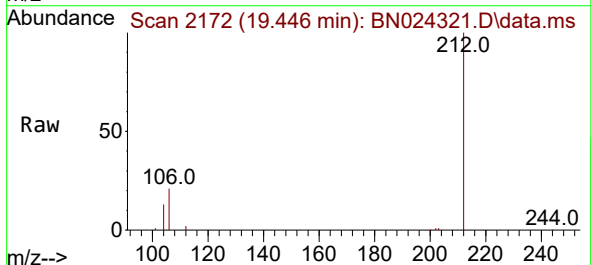
Tgt Ion:212 Resp: 17569

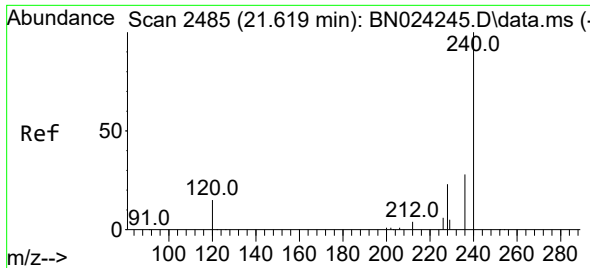
Ion Ratio Lower Upper

212 100

106 21.3 15.4 23.2

104 12.6 8.6 13.0

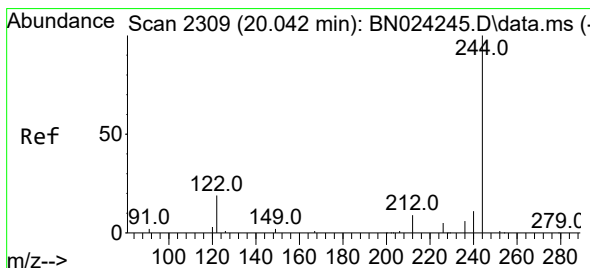
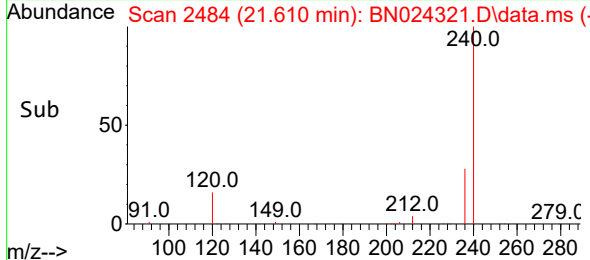
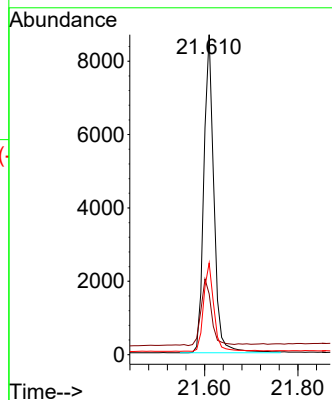
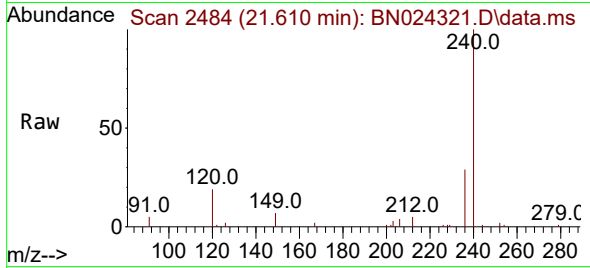




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2485
Delta R.T. 0.009 min
Lab File: BN024321.D
Acq: 16 Mar 2023 21:12

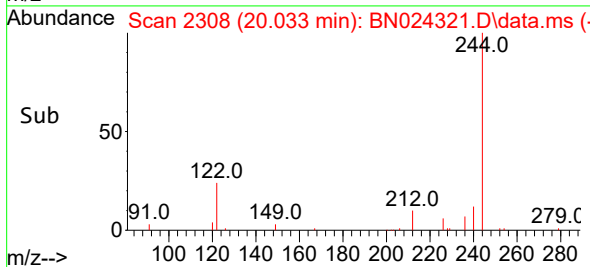
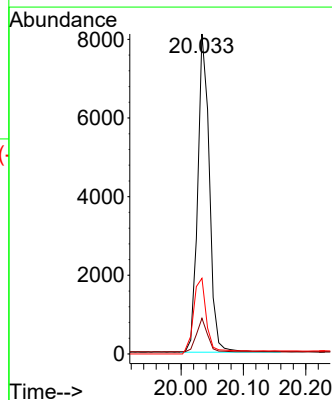
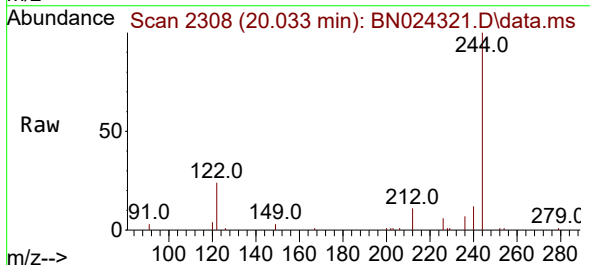
Instrument :
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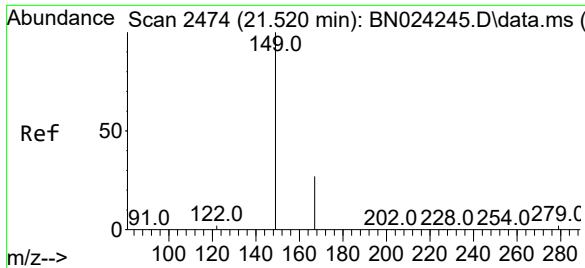
Tgt Ion:240 Resp: 13083
Ion Ratio Lower Upper
240 100
120 19.0 12.8 19.2
236 28.6 22.5 33.7



#31
Terphenyl-d14
Concen: 0.448 ng
RT: 20.033 min Scan# 2308
Delta R.T. -0.000 min
Lab File: BN024321.D
Acq: 16 Mar 2023 21:12

Tgt Ion:244 Resp: 9875
Ion Ratio Lower Upper
244 100
212 11.1 7.6 11.4
122 23.7 15.1 22.7#

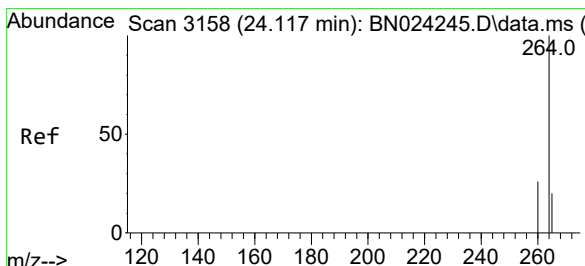
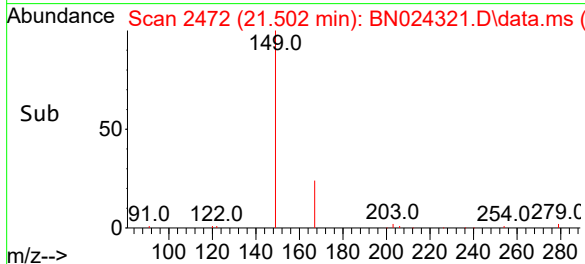
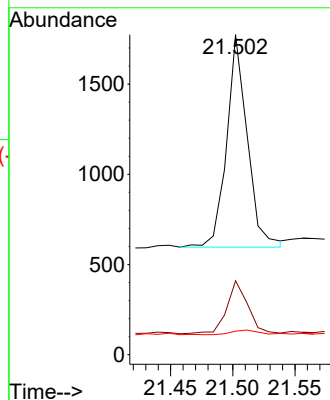
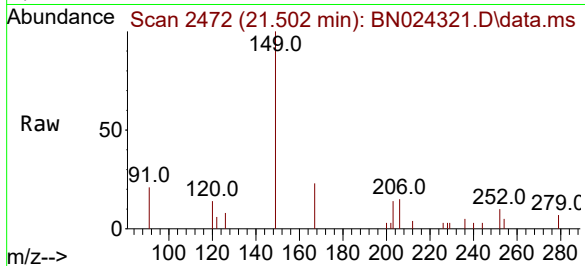




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.066 ng
 RT: 21.502 min Scan# 2474
 Delta R.T. -0.000 min
 Lab File: BN024321.D
 Acq: 16 Mar 2023 21:12

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20230306

Tgt Ion:149 Resp: 1362
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.2 31.8
 279 3.2 1.8 2.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.123 min Scan# 3160
 Delta R.T. 0.009 min
 Lab File: BN024321.D
 Acq: 16 Mar 2023 21:12

Tgt Ion:264 Resp: 8964
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.4 32.2
 265 67.8 35.7 53.5#

