

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024361.D
 Acq On : 18 Mar 2023 00:23
 Operator : CG/JU
 Sample : 01879-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20230308

Quant Time: Mar 18 01:22:08 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)

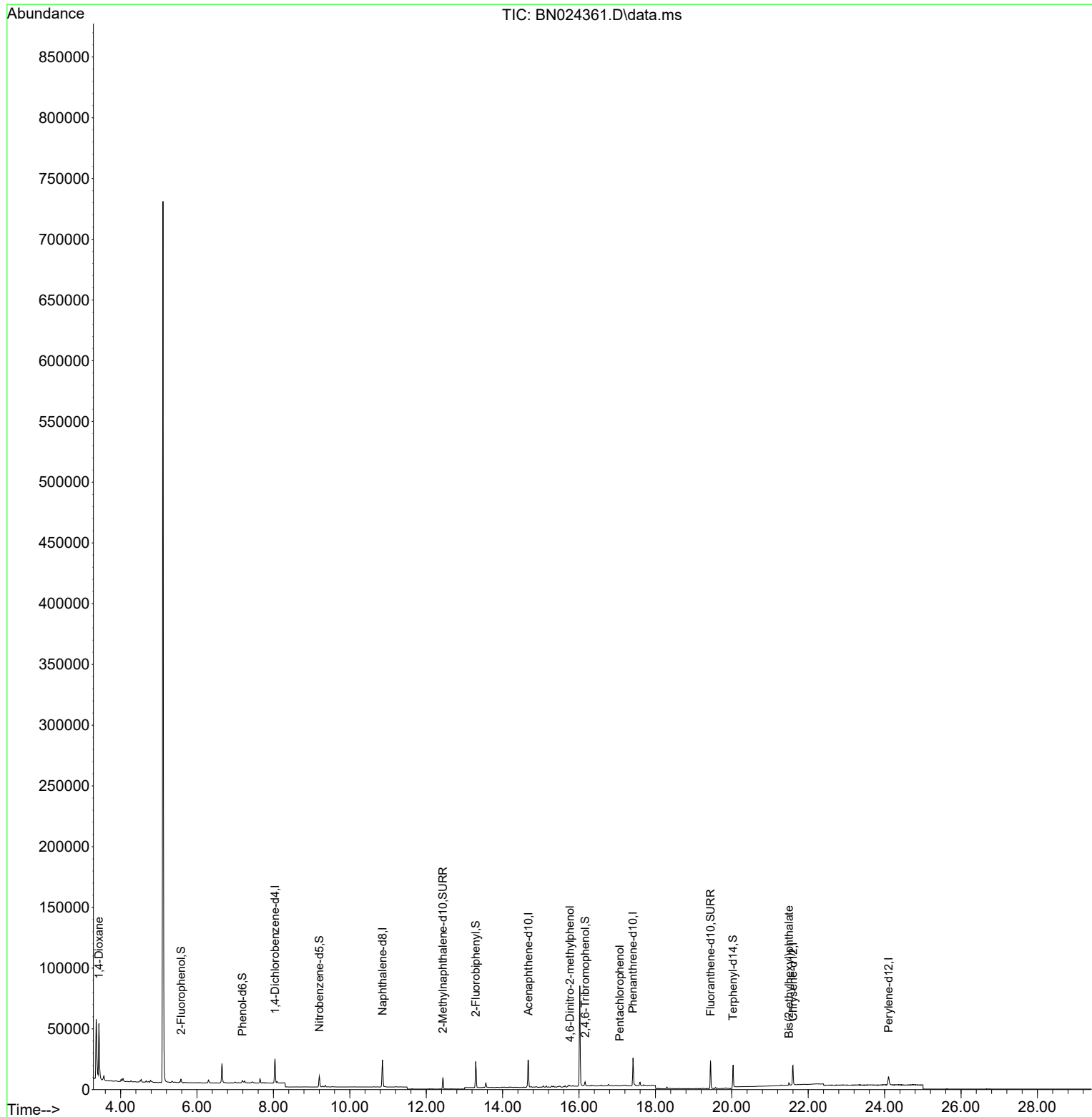
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	9414	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	28211	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	13717	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	28509	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	16708	0.400	ng	0.00
35) Perylene-d12	24.103	264	11488	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.585	112	2311	0.111	ng	0.00
5) Phenol-d6	7.188	99	1659	0.062	ng	0.00
8) Nitrobenzene-d5	9.201	82	7008	0.372	ng	0.00
11) 2-Methylnaphthalene-d10	12.437	152	12172	0.351	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1811	0.258	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	17932	0.346	ng	-0.01
27) Fluoranthene-d10	19.442	212	22990	0.380	ng	0.00
31) Terphenyl-d14	20.034	244	13270	0.471	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	28334	2.766	ng	Qvalue 96
20) 4,6-Dinitro-2-methylph...	15.762	198	14	0.181	ng	# 1
24) Pentachlorophenol	17.065	266	25	0.130	ng	# 60
34) Bis(2-ethylhexyl)phtha...	21.494	149	2151	0.082	ng	# 93

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

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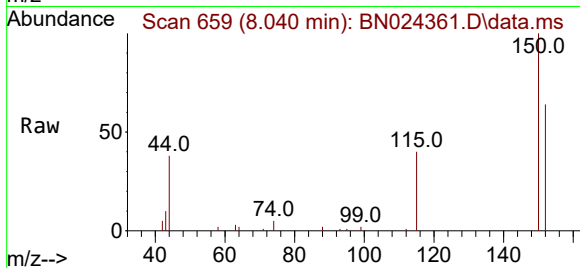
Quant Time: Mar 18 01:22:08 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 04:37:08 2023
Response via : Initial Calibration



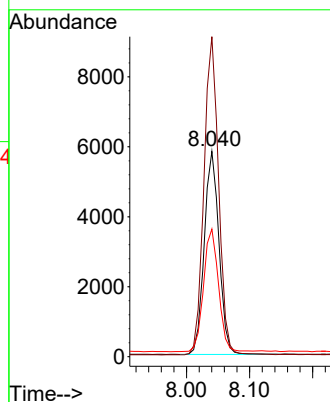
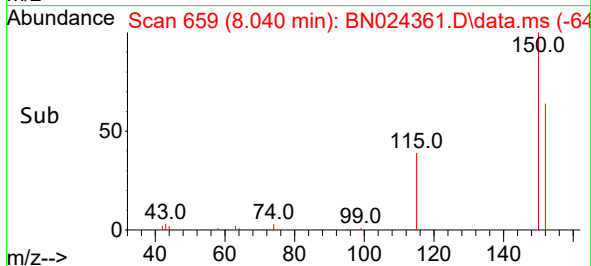


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN024361.D
 Acq: 18 Mar 2023 00:23

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20230308

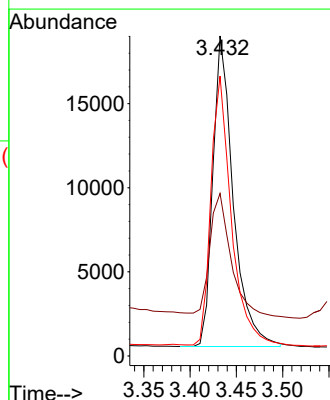
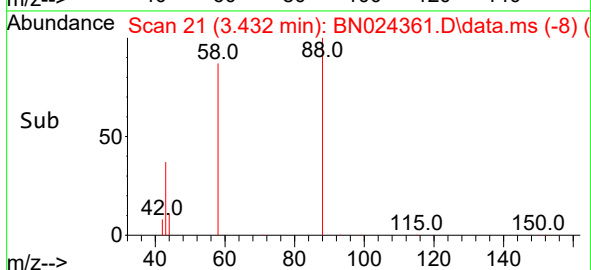
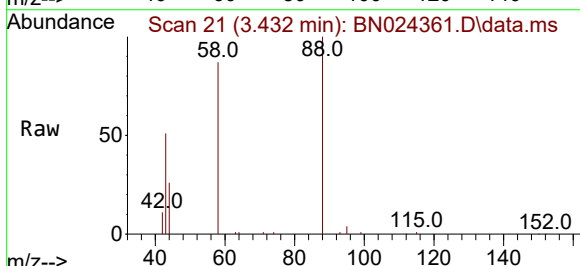


Tgt Ion:152 Resp: 9414
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.7 187.1
 115 62.2 49.1 73.7



#2
 1,4-Dioxane
 Concen: 2.766 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024361.D
 Acq: 18 Mar 2023 00:23

Tgt Ion: 88 Resp: 28334
 Ion Ratio Lower Upper
 88 100
 43 40.9 29.0 43.4
 58 85.8 67.3 100.9

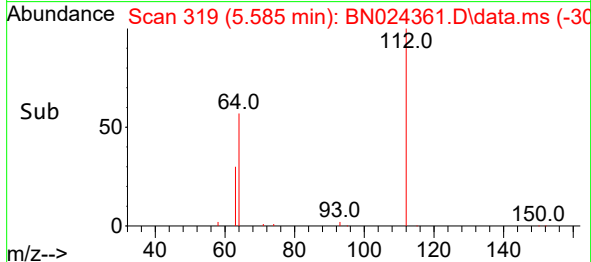
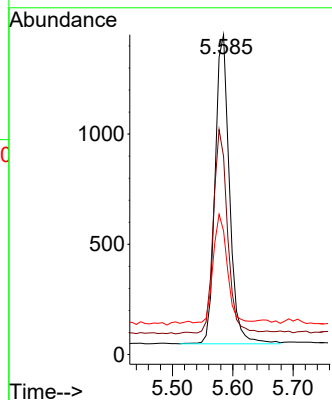
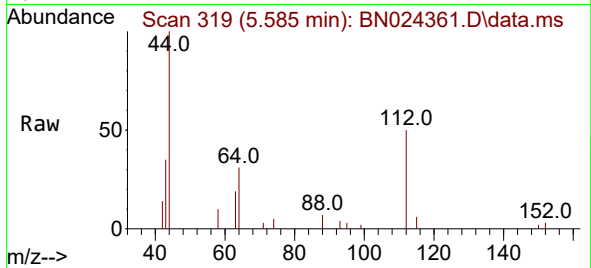




#4
2-Fluorophenol
Concen: 0.111 ng
RT: 5.585 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024361.D
Acq: 18 Mar 2023 00:23

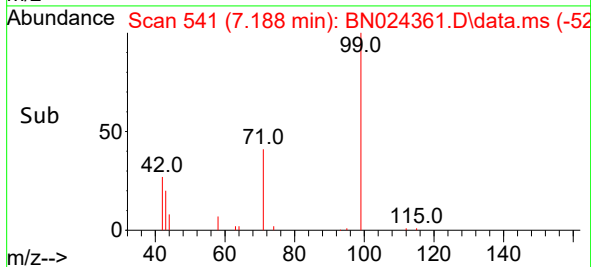
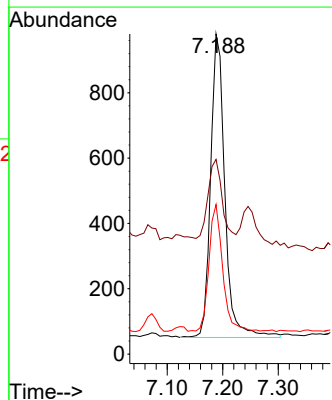
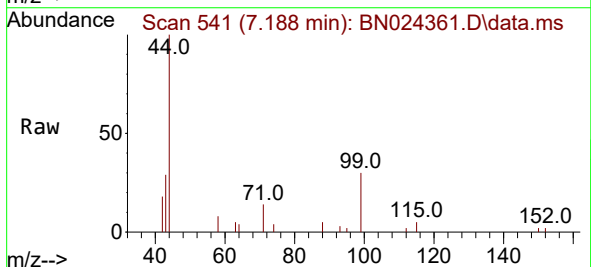
Instrument :
BNA_N
ClientSampleId :
RE108D1-20230308

Tgt Ion:112 Resp: 2311
Ion Ratio Lower Upper
112 100
64 64.6 49.0 73.6
63 33.9 25.7 38.5



#5
Phenol-d6
Concen: 0.062 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024361.D
Acq: 18 Mar 2023 00:23

Tgt Ion: 99 Resp: 1659
Ion Ratio Lower Upper
99 100
42 27.4 20.1 30.1
71 39.8 25.8 38.8#

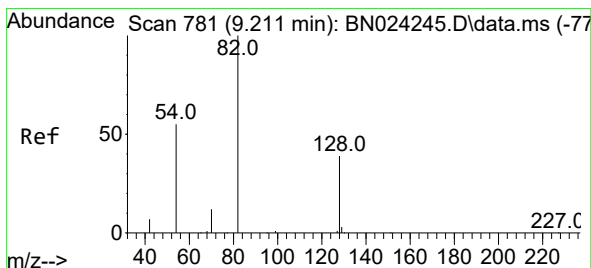
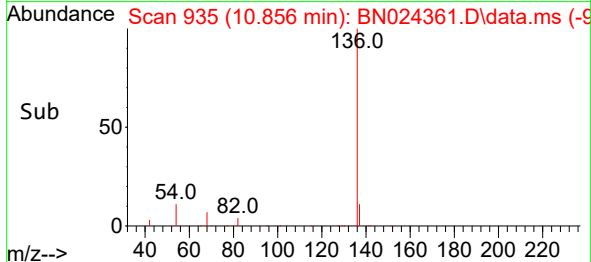
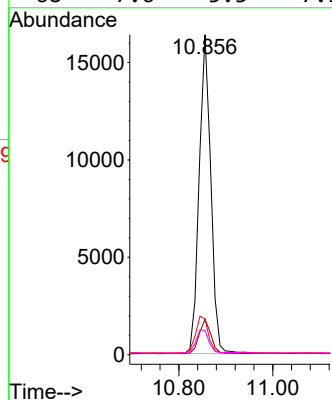
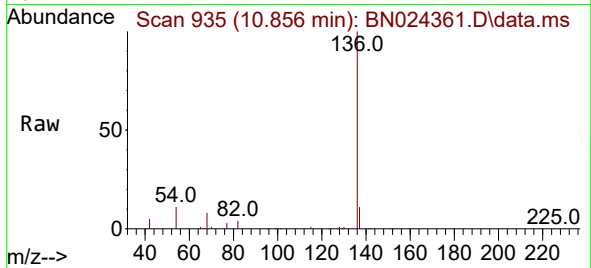




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024361.D
Acq: 18 Mar 2023 00:23

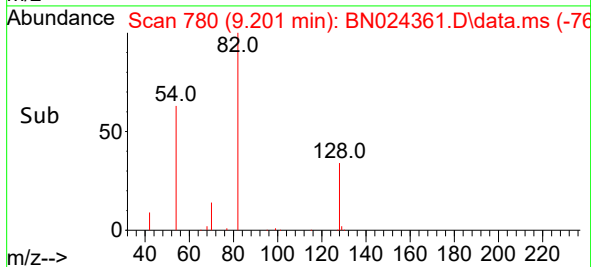
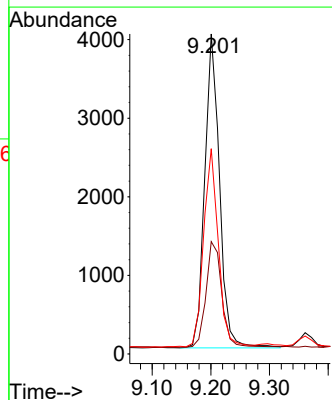
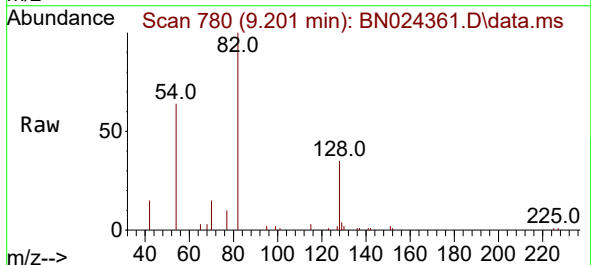
Instrument :
BNA_N
ClientSampleId :
RE108D1-20230308

Tgt Ion:	136	Resp:	28211
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	11.1	7.1	10.7#
68	7.6	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024361.D
Acq: 18 Mar 2023 00:23

Tgt Ion:	82	Resp:	7008
Ion Ratio	Lower	Upper	
82	100		
128	35.1	32.4	48.6
54	64.2	45.2	67.8

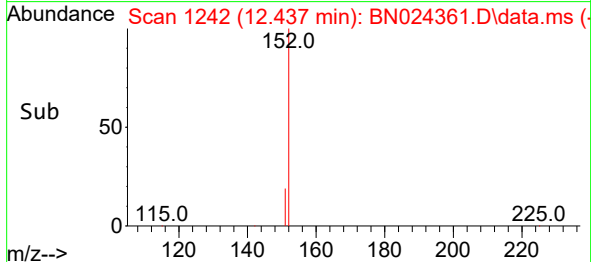
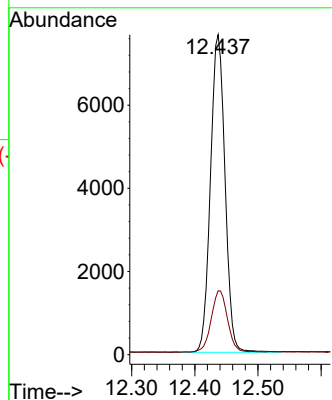
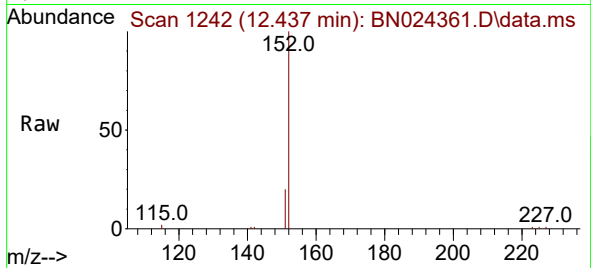




#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 12.437 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN024361.D
Acq: 18 Mar 2023 00:23

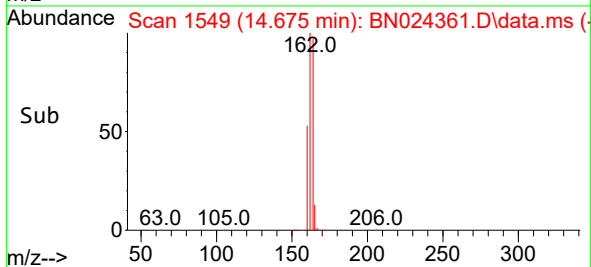
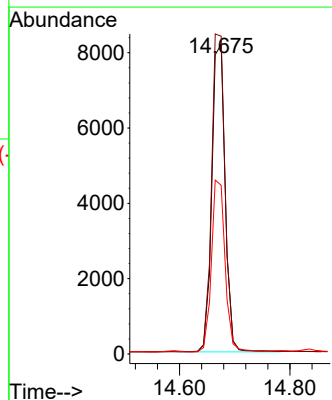
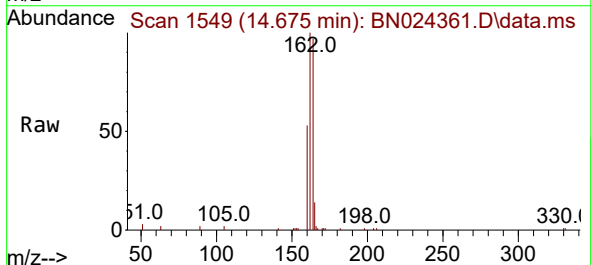
Instrument :
BNA_N
ClientSampleId :
RE108D1-20230308

Tgt Ion:152 Resp: 12172
Ion Ratio Lower Upper
152 100
151 21.7 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: BN024361.D
Acq: 18 Mar 2023 00:23

Tgt Ion:164 Resp: 13717
Ion Ratio Lower Upper
164 100
162 102.7 84.7 127.1
160 54.5 44.6 66.8

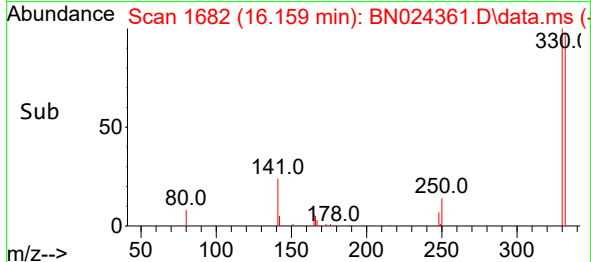
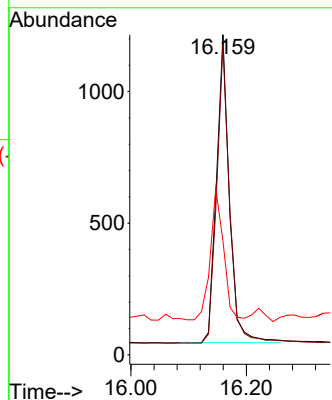
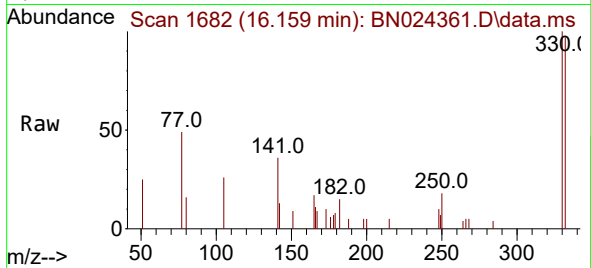




#14
2,4,6-Tribromophenol
Concen: 0.258 ng
RT: 16.159 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024361.D
Acq: 18 Mar 2023 00:23

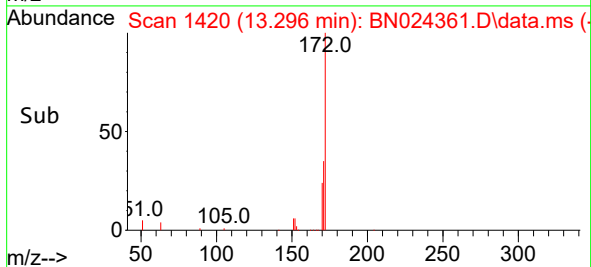
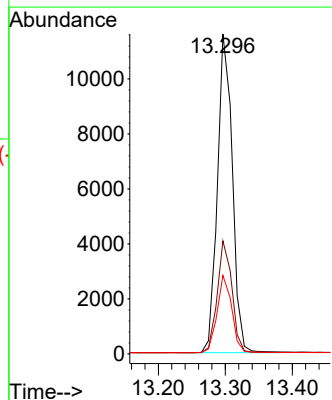
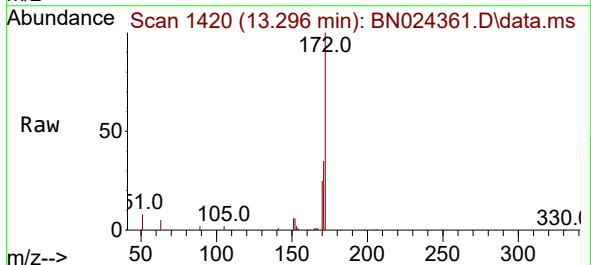
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BNA_N
ClientSampleId :
RE108D1-20230308

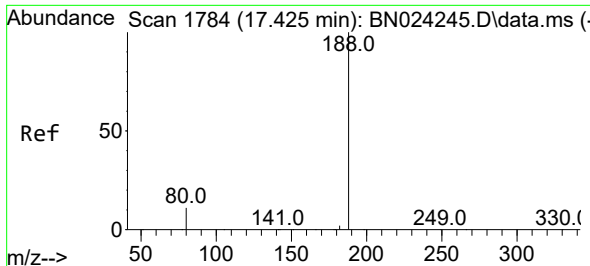
Tgt Ion: 330 Resp: 1811
Ion Ratio Lower Upper
330 100
332 97.5 78.0 117.0
141 44.3 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 13.296 min Scan# 1420
Delta R.T. -0.011 min
Lab File: BN024361.D
Acq: 18 Mar 2023 00:23

Tgt Ion: 172 Resp: 17932
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 24.5 19.0 28.6

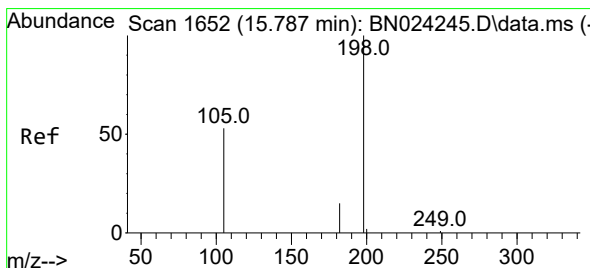
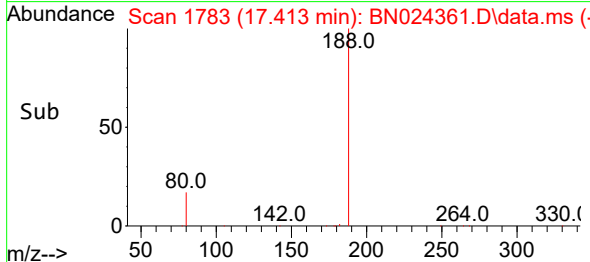
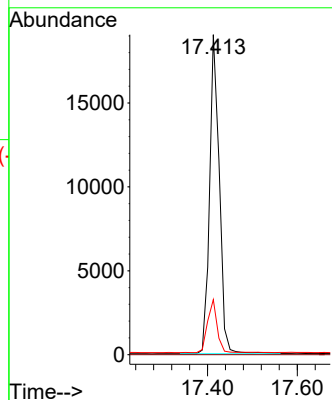
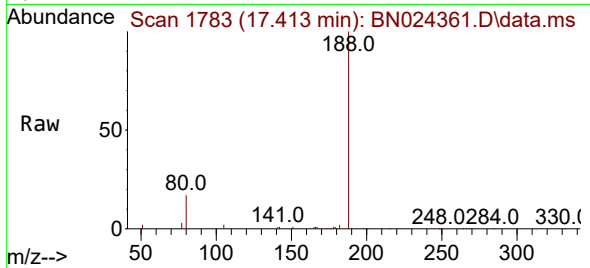




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024361.D
Acq: 18 Mar 2023 00:23

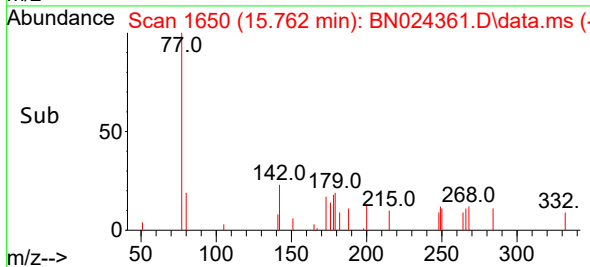
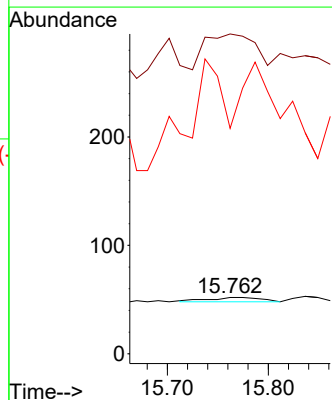
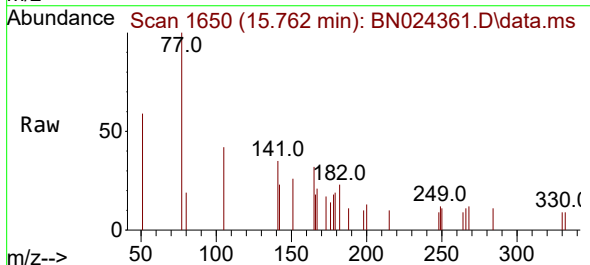
Instrument :
BNA_N
ClientSampleId :
RE108D1-20230308

Tgt Ion:188 Resp: 28509
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.2 8.9 13.3#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.181 ng
RT: 15.762 min Scan# 1650
Delta R.T. -0.025 min
Lab File: BN024361.D
Acq: 18 Mar 2023 00:23

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 567.3 68.2 102.2#
105 400.0 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.130 ng

RT: 17.065 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN024361.D

Acq: 18 Mar 2023 00:23

Instrument :

BNA_N

ClientSampleId :

RE108D1-20230308

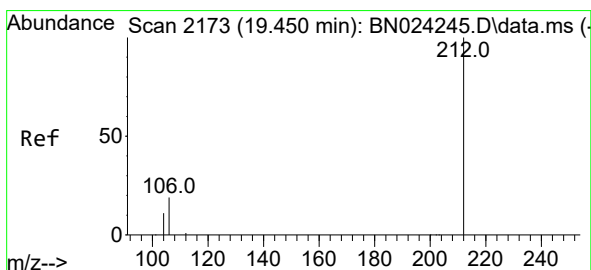
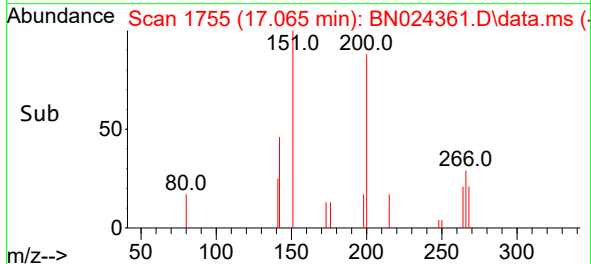
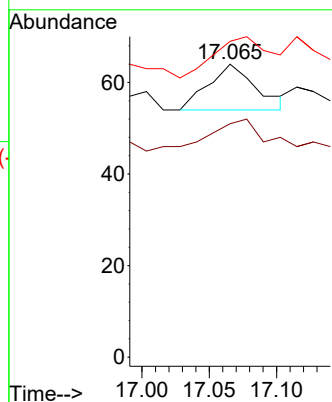
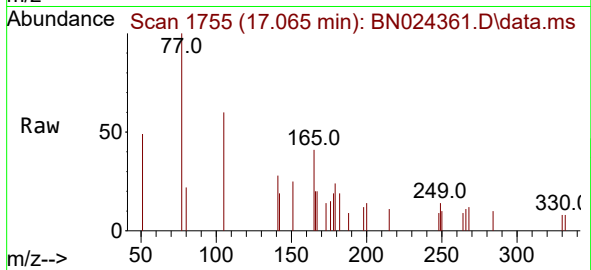
Tgt Ion:266 Resp: 25

Ion Ratio Lower Upper

266 100

264 88.0 51.1 76.7#

268 104.0 52.2 78.4#



#27

Fluoranthene-d10

Concen: 0.380 ng

RT: 19.442 min Scan# 2171

Delta R.T. -0.004 min

Lab File: BN024361.D

Acq: 18 Mar 2023 00:23

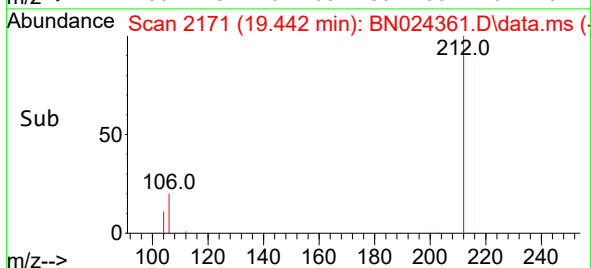
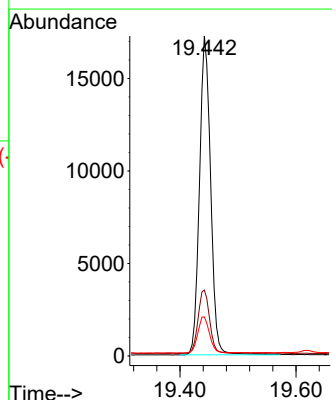
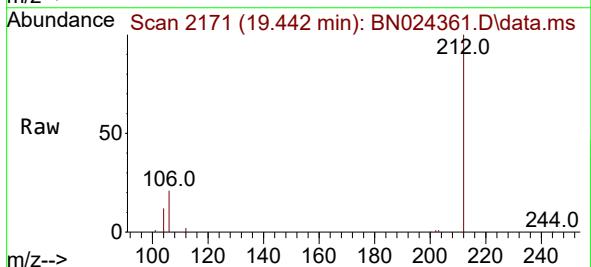
Tgt Ion:212 Resp: 22990

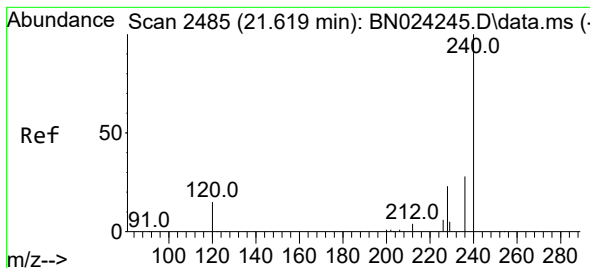
Ion Ratio Lower Upper

212 100

106 20.6 15.4 23.2

104 11.9 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: BN024361.D

Acq: 18 Mar 2023 00:23

Instrument :

BNA_N

ClientSampleId :

RE108D1-20230308

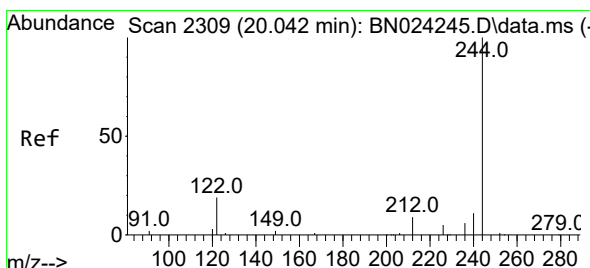
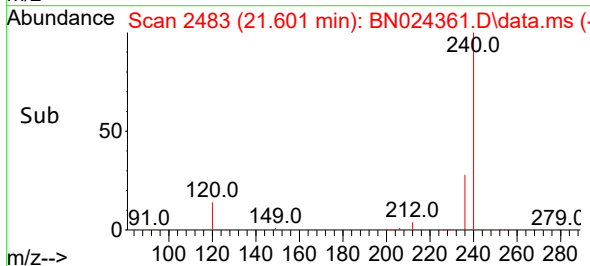
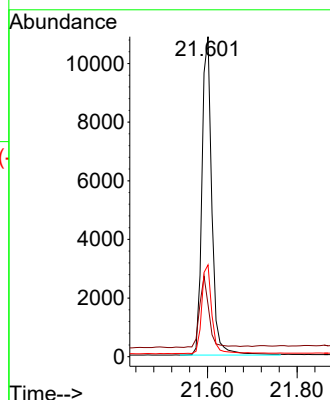
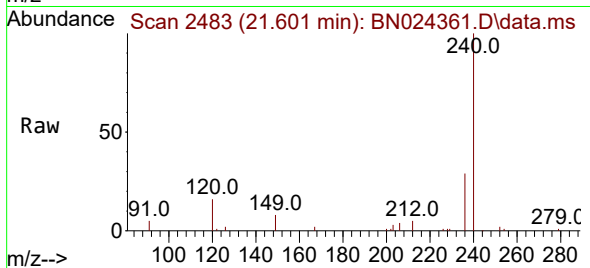
Tgt Ion:240 Resp: 16708

Ion Ratio Lower Upper

240 100

120 16.2 12.8 19.2

236 28.7 22.5 33.7



#31

Terphenyl-d14

Concen: 0.471 ng

RT: 20.034 min Scan# 2308

Delta R.T. 0.000 min

Lab File: BN024361.D

Acq: 18 Mar 2023 00:23

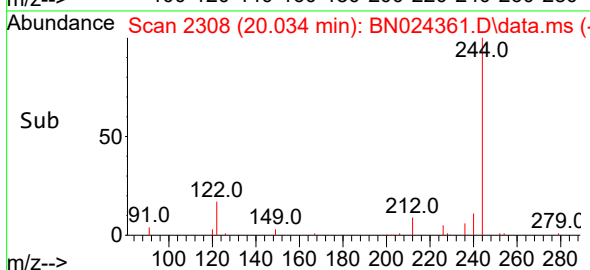
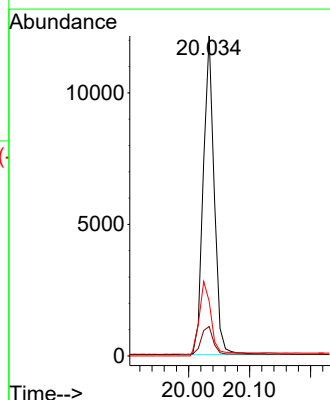
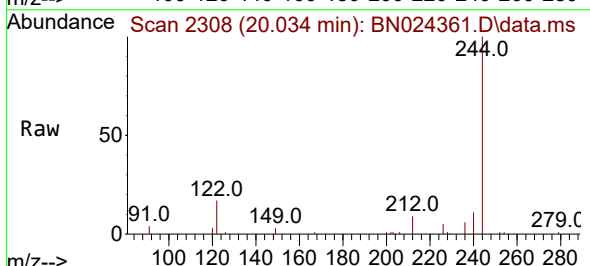
Tgt Ion:244 Resp: 13270

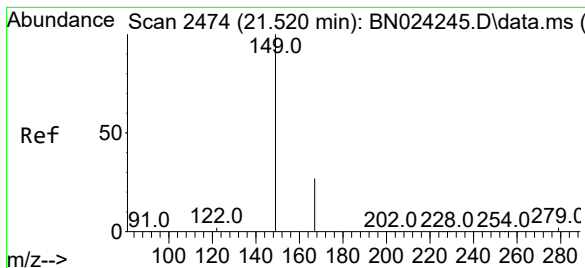
Ion Ratio Lower Upper

244 100

212 9.2 7.6 11.4

122 17.1 15.1 22.7

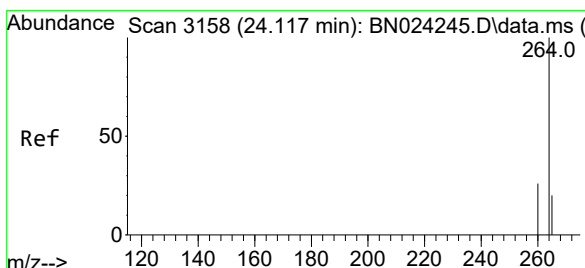
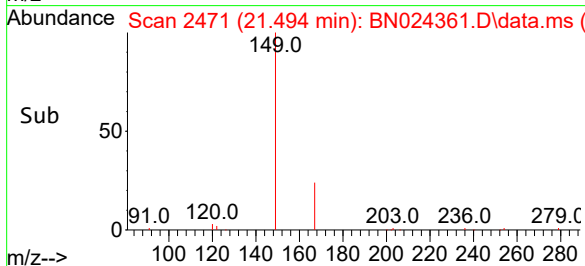
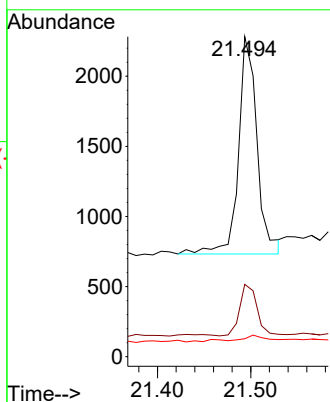
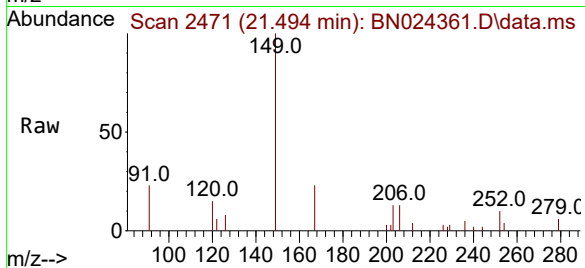




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.082 ng
 RT: 21.494 min Scan# 2471
 Delta R.T. -0.009 min
 Lab File: BN024361.D
 Acq: 18 Mar 2023 00:23

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20230308

Tgt Ion:149 Resp: 2151
 Ion Ratio Lower Upper
 149 100
 167 22.4 21.2 31.8
 279 2.9 1.8 2.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.103 min Scan# 3153
 Delta R.T. -0.011 min
 Lab File: BN024361.D
 Acq: 18 Mar 2023 00:23

Tgt Ion:264 Resp: 11488
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.4 32.2
 265 70.0 35.7 53.5#

