

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
 Data File : BN024532.D
 Acq On : 24 Mar 2023 05:54
 Operator : CG/JU
 Sample : 01941-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT161S1-20230314

Quant Time: Mar 24 06:27:08 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 24 03:05:57 2023
 Response via : Initial Calibration

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

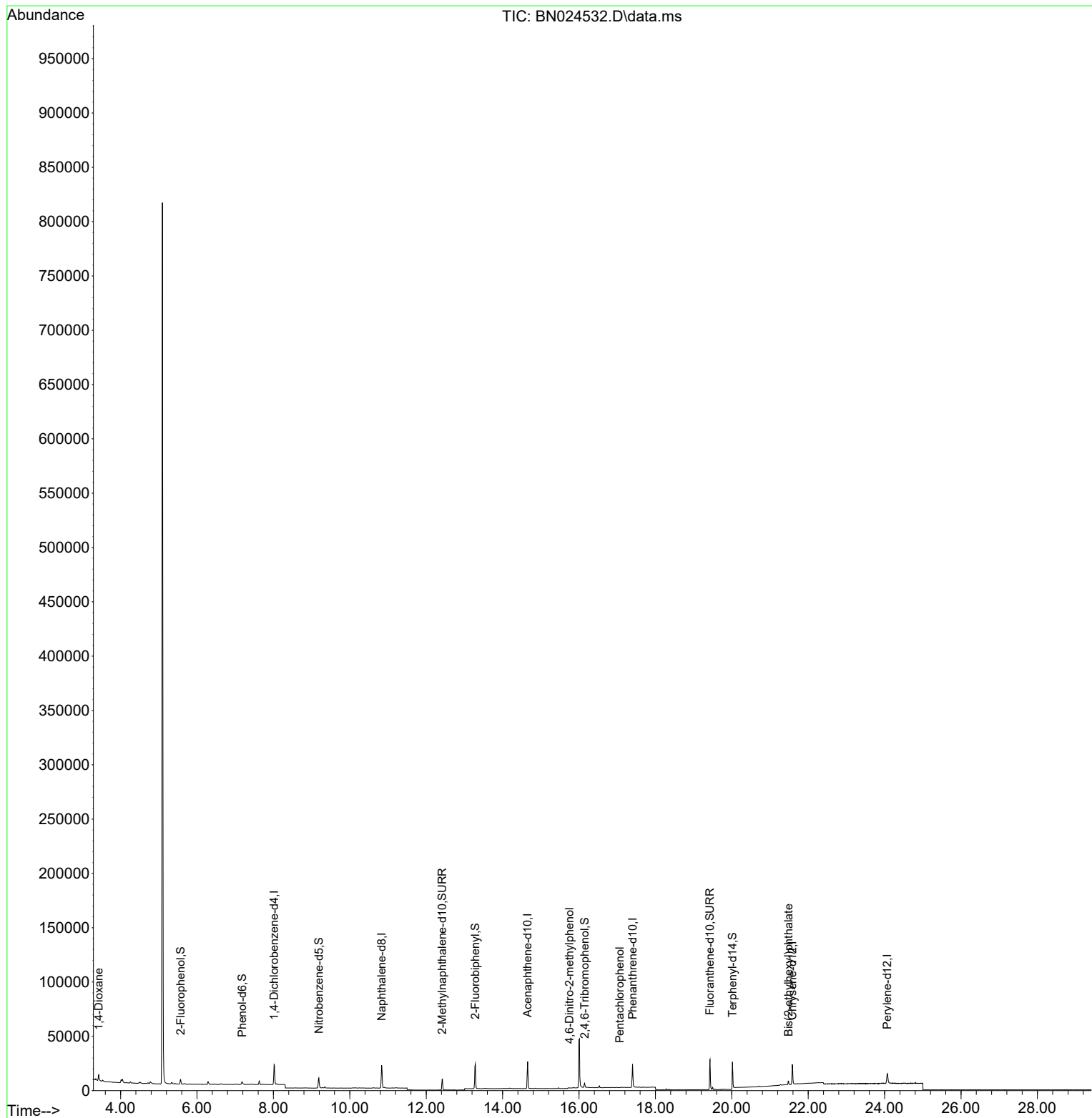
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.018	152	9399	0.400	ng	0.00
7) Naphthalene-d8	10.834	136	27192	0.400	ng	# 0.00
13) Acenaphthene-d10	14.654	164	13633	0.400	ng	0.00
19) Phenanthrene-d10	17.401	188	28507	0.400	ng	0.00
29) Chrysene-d12	21.583	240	18549	0.400	ng	# 0.00
35) Perylene-d12	24.071	264	15365	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.570	112	3525	0.169	ng	0.00
5) Phenol-d6	7.181	99	2469	0.092	ng	0.00
8) Nitrobenzene-d5	9.190	82	8112	0.446	ng	0.00
11) 2-Methylnaphthalene-d10	12.418	152	14065	0.421	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	2567	0.368	ng	0.00
15) 2-Fluorobiphenyl	13.286	172	21112	0.410	ng	0.00
27) Fluoranthene-d10	19.429	212	30021	0.497	ng	0.00
31) Terphenyl-d14	20.016	244	17923	0.573	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.425	88	3340	0.327	ng	# 87
20) 4,6-Dinitro-2-methylph...	15.750	198	4	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	26	0.131	ng	89
34) Bis(2-ethylhexyl)phtha...	21.485	149	3876	0.133	ng	# 95

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

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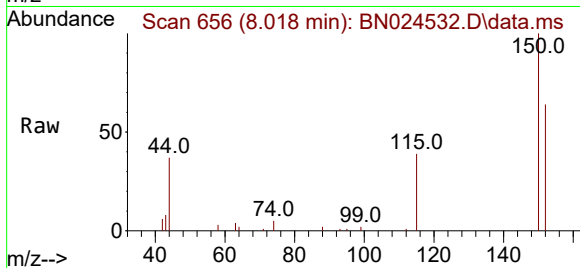
Quant Time: Mar 24 06:27:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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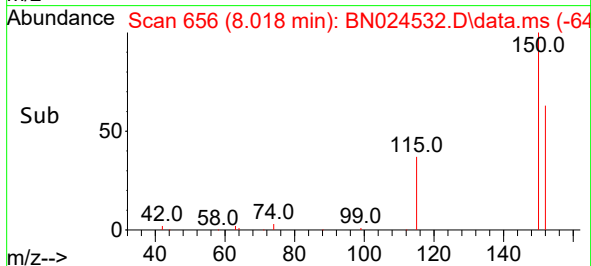
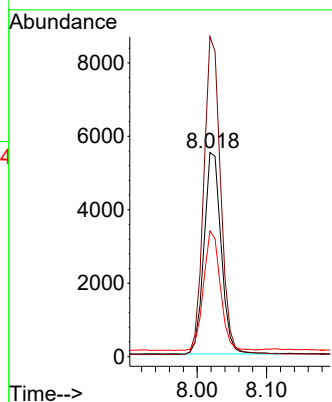


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.018 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN024532.D
 Acq: 24 Mar 2023 05:54

Instrument :
 BNA_N
 ClientSampleId :
 TT161S1-20230314

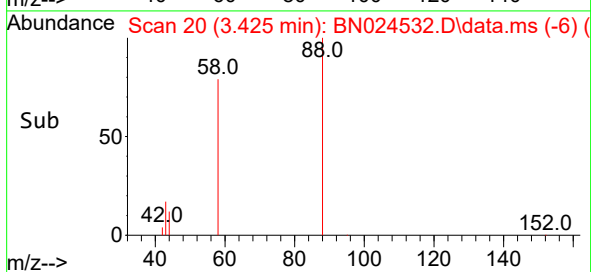
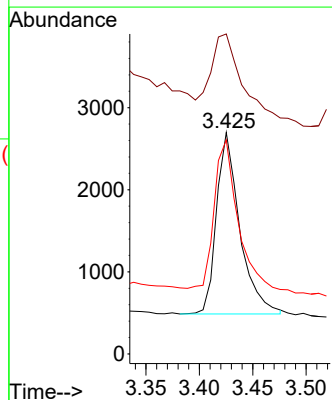
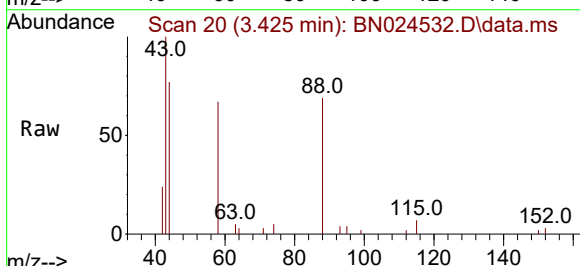


Tgt Ion:152 Resp: 9399
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.7 187.1
 115 61.6 49.1 73.7



#2
 1,4-Dioxane
 Concen: 0.327 ng
 RT: 3.425 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BN024532.D
 Acq: 24 Mar 2023 05:54

Tgt Ion: 88 Resp: 3340
 Ion Ratio Lower Upper
 88 100
 43 60.2 29.0 43.4#
 58 83.0 67.3 100.9

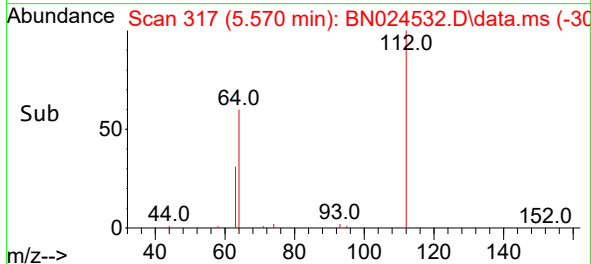
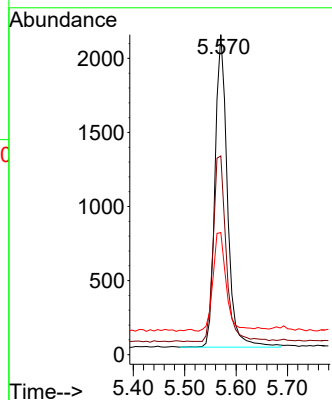
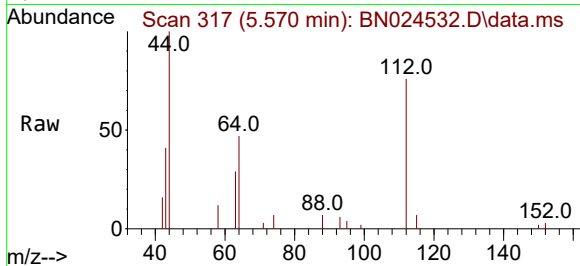




#4
2-Fluorophenol
Concen: 0.169 ng
RT: 5.570 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024532.D
Acq: 24 Mar 2023 05:54

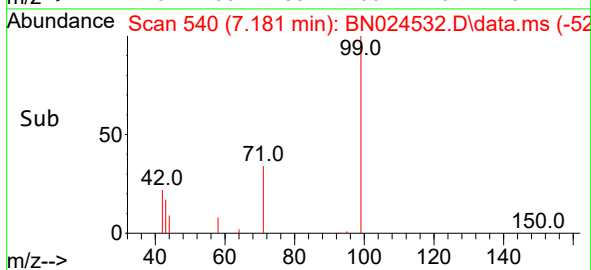
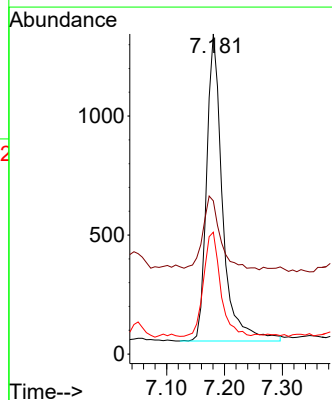
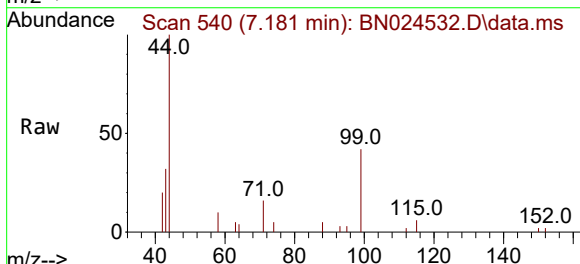
Instrument :
BNA_N
ClientSampleId :
TT161S1-20230314

Tgt Ion:112 Resp: 3525
Ion Ratio Lower Upper
112 100
64 62.0 49.0 73.6
63 33.5 25.7 38.5



#5
Phenol-d6
Concen: 0.092 ng
RT: 7.181 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN024532.D
Acq: 24 Mar 2023 05:54

Tgt Ion: 99 Resp: 2469
Ion Ratio Lower Upper
99 100
42 26.3 20.1 30.1
71 36.3 25.8 38.8

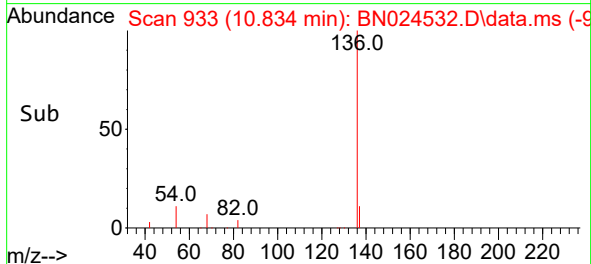
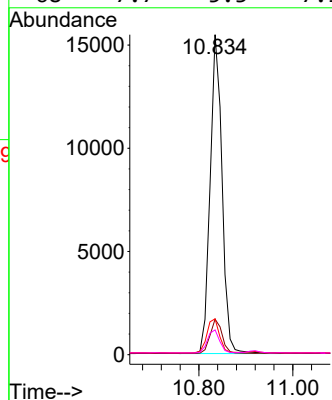
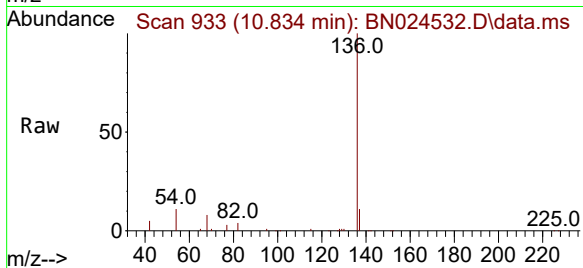




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.834 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024532.D
Acq: 24 Mar 2023 05:54

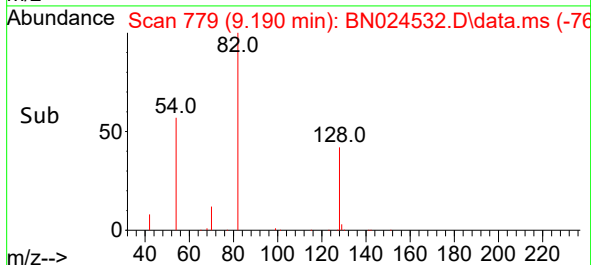
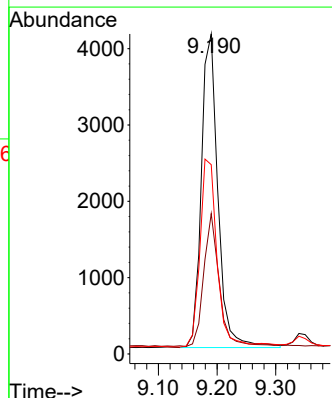
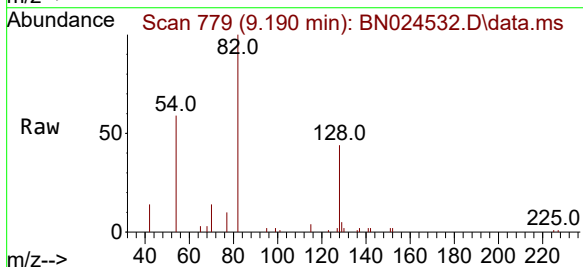
Instrument :
BNA_N
ClientSampleId :
TT161S1-20230314

Tgt Ion:	136	Resp:	27192
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	11.2	7.1	10.7#
68	7.7	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.446 ng
RT: 9.190 min Scan# 779
Delta R.T. 0.000 min
Lab File: BN024532.D
Acq: 24 Mar 2023 05:54

Tgt Ion:	82	Resp:	8112
Ion Ratio	Lower	Upper	
82	100		
128	43.9	32.4	48.6
54	59.1	45.2	67.8

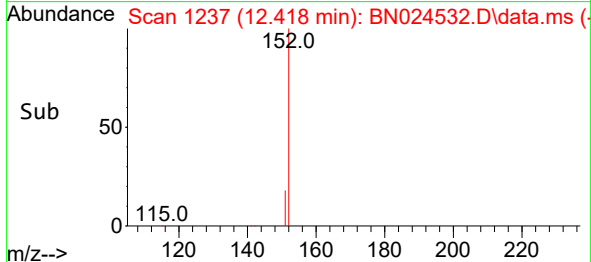
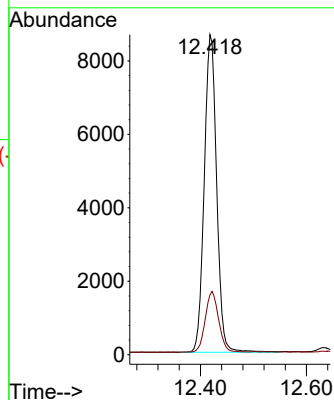
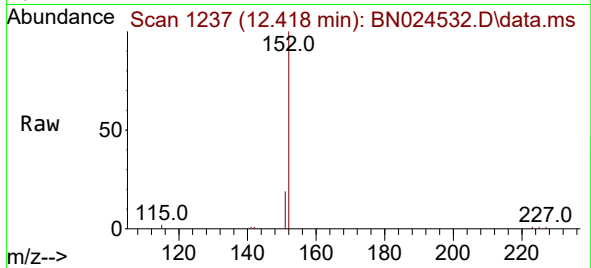




#11
2-Methylnaphthalene-d10
Concen: 0.421 ng
RT: 12.418 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024532.D
Acq: 24 Mar 2023 05:54

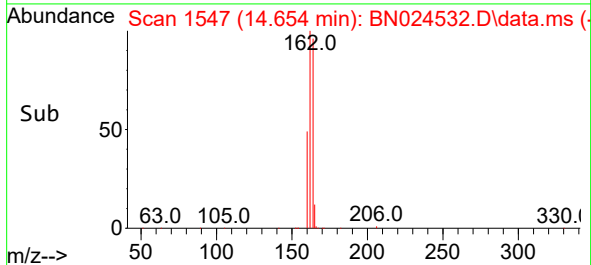
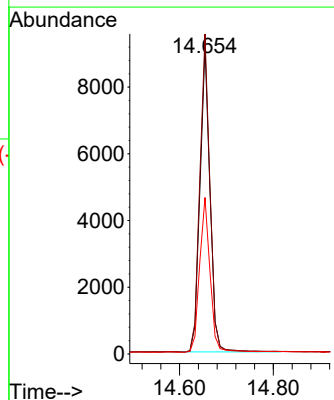
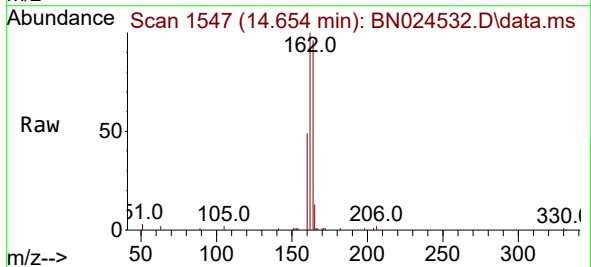
Instrument :
BNA_N
ClientSampleId :
TT161S1-20230314

Tgt Ion:152 Resp: 14065
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.654 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BN024532.D
Acq: 24 Mar 2023 05:54

Tgt Ion:164 Resp: 13633
Ion Ratio Lower Upper
164 100
162 104.0 84.7 127.1
160 50.9 44.6 66.8

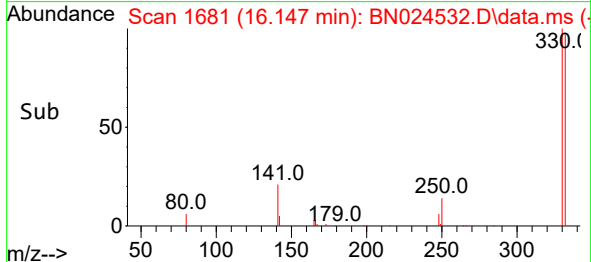
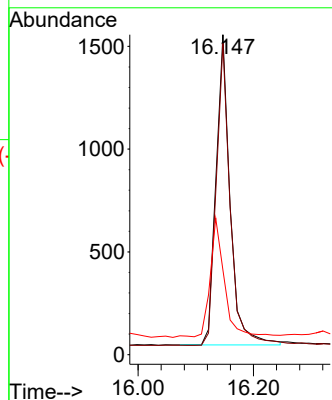
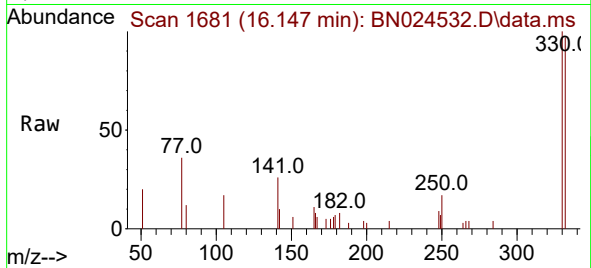




#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 16.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024532.D
Acq: 24 Mar 2023 05:54

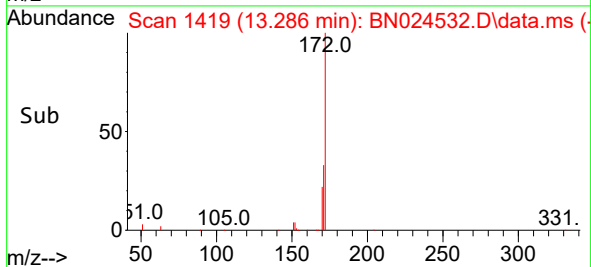
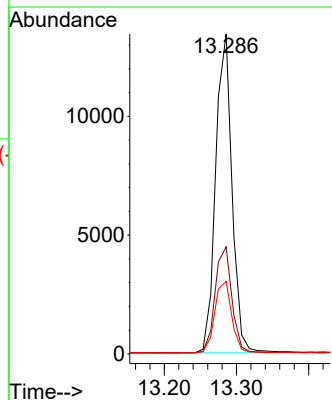
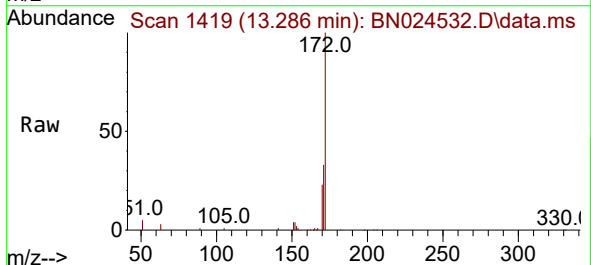
Instrument :
BNA_N
ClientSampleId :
TT161S1-20230314

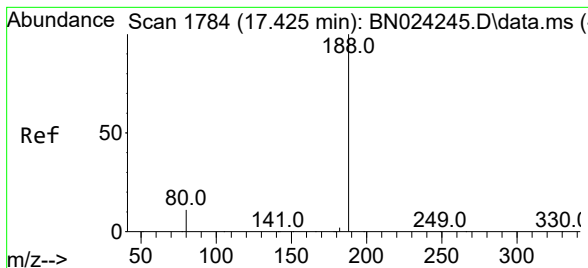
Tgt Ion: 330 Resp: 2567
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 37.0 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 13.286 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BN024532.D
Acq: 24 Mar 2023 05:54

Tgt Ion: 172 Resp: 21112
Ion Ratio Lower Upper
172 100
171 33.5 27.8 41.8
170 22.7 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.401 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN024532.D

Acq: 24 Mar 2023 05:54

Instrument :

BNA_N

ClientSampleId :

TT161S1-20230314

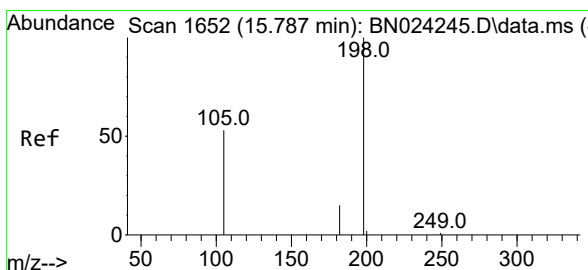
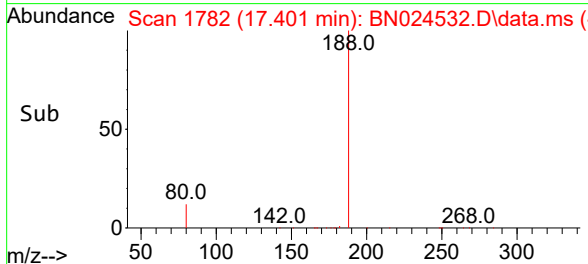
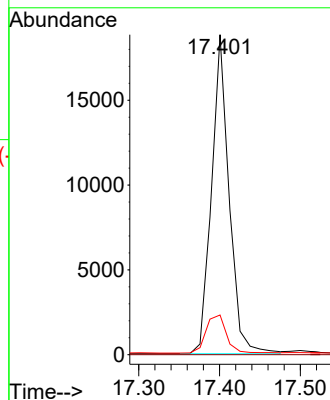
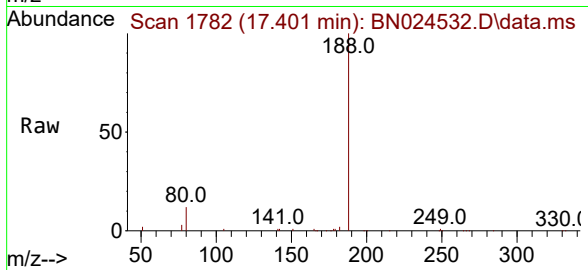
Tgt Ion:188 Resp: 28507

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.4 8.9 13.3



#20

4,6-Dinitro-2-methylphenol

Concen: 0.179 ng

RT: 15.750 min Scan# 1649

Delta R.T. -0.025 min

Lab File: BN024532.D

Acq: 24 Mar 2023 05:54

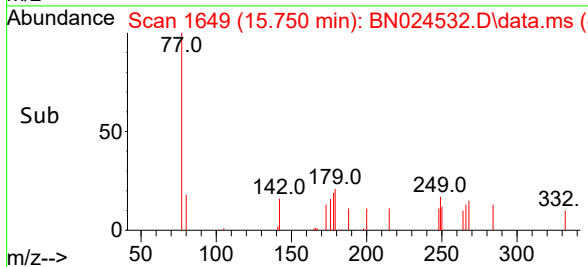
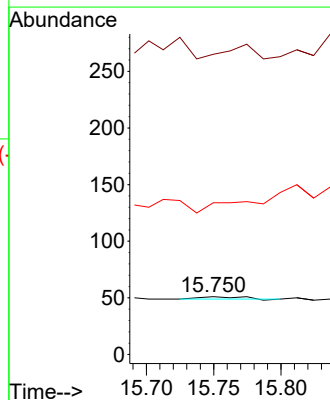
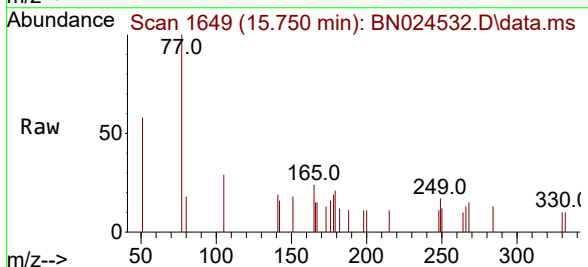
Tgt Ion:198 Resp: 4

Ion Ratio Lower Upper

198 100

51 519.6 68.2 102.2#

105 262.7 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.131 ng

RT: 17.065 min Scan# 1

Delta R.T. 0.013 min

Lab File: BN024532.D

Acq: 24 Mar 2023 05:54

Instrument :

BNA_N

ClientSampleId :

TT161S1-20230314

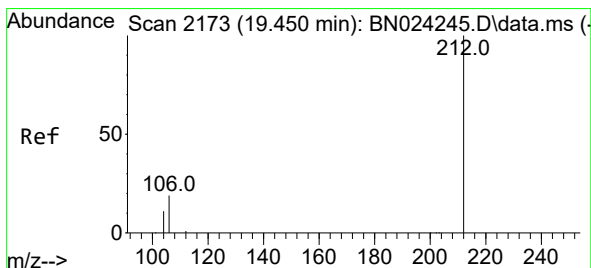
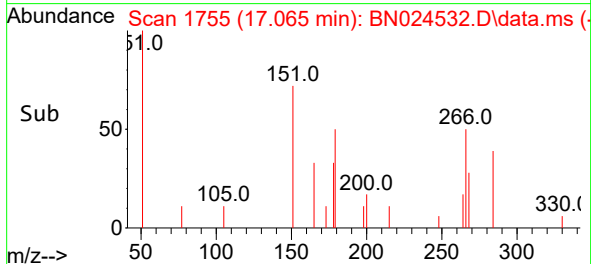
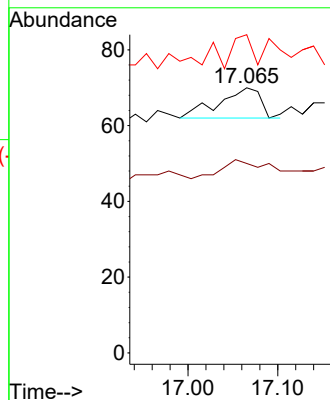
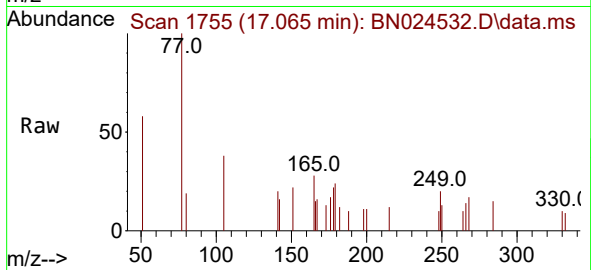
Tgt Ion:266 Resp: 26

Ion Ratio Lower Upper

266 100

264 73.1 51.1 76.7

268 57.7 52.2 78.4



#27

Fluoranthene-d10

Concen: 0.497 ng

RT: 19.429 min Scan# 2168

Delta R.T. 0.000 min

Lab File: BN024532.D

Acq: 24 Mar 2023 05:54

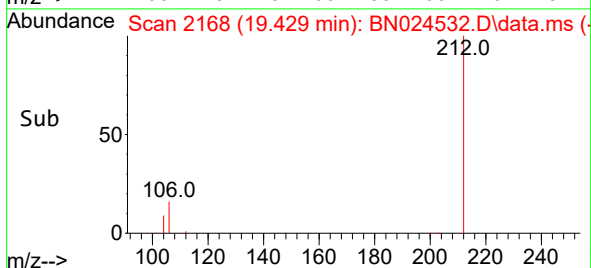
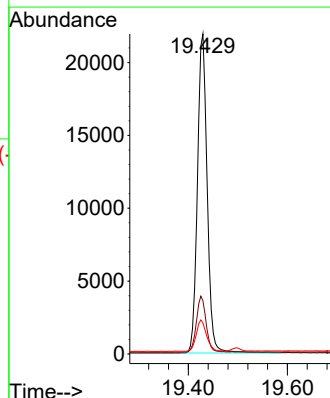
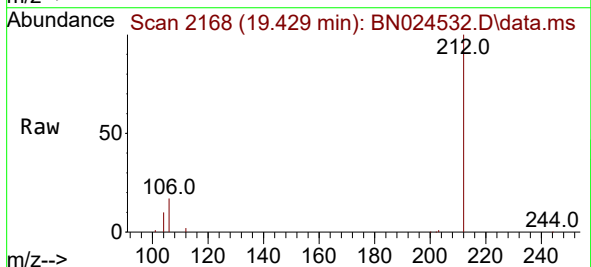
Tgt Ion:212 Resp: 30021

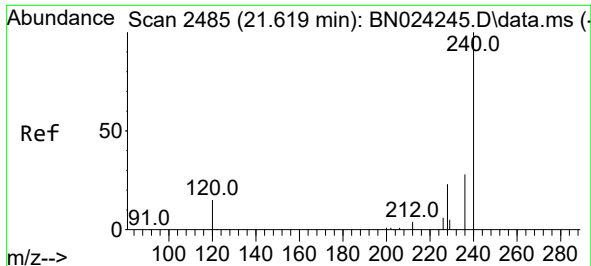
Ion Ratio Lower Upper

212 100

106 17.4 15.4 23.2

104 10.3 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.583 min Scan# 2485

Delta R.T. 0.000 min

Lab File: BN024532.D

Acq: 24 Mar 2023 05:54

Instrument :

BNA_N

ClientSampleId :

TT161S1-20230314

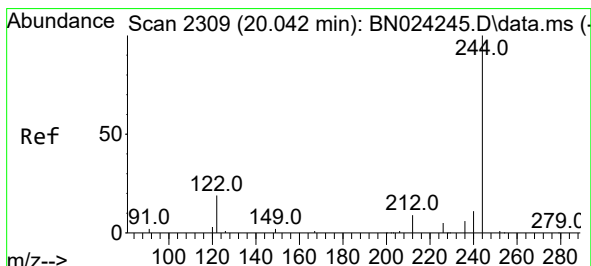
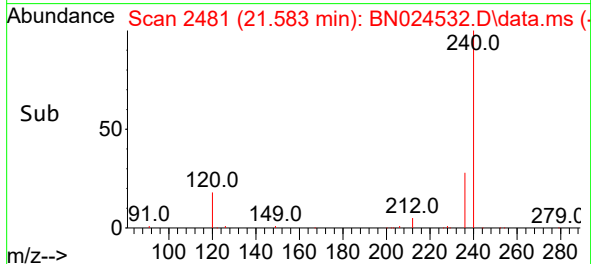
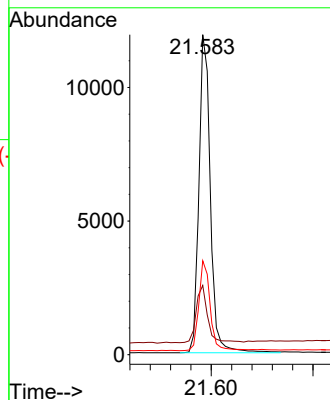
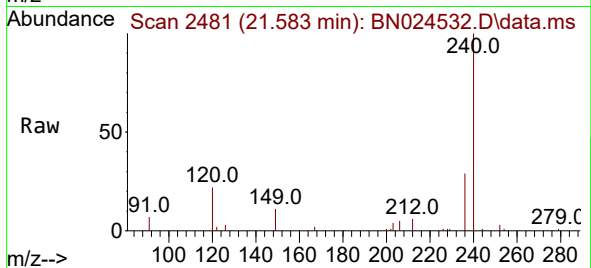
Tgt Ion:240 Resp: 18549

Ion Ratio Lower Upper

240 100

120 21.6 12.8 19.2#

236 29.4 22.5 33.7



#31

Terphenyl-d14

Concen: 0.573 ng

RT: 20.016 min Scan# 2306

Delta R.T. 0.000 min

Lab File: BN024532.D

Acq: 24 Mar 2023 05:54

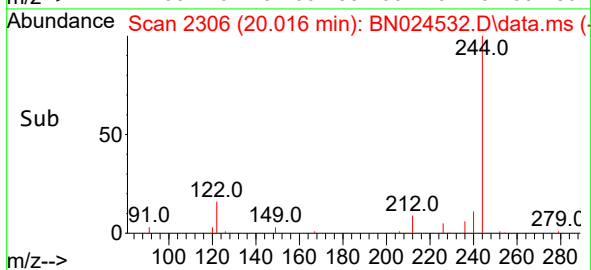
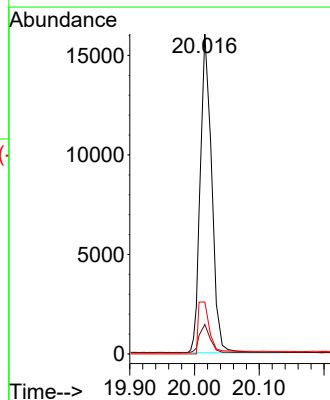
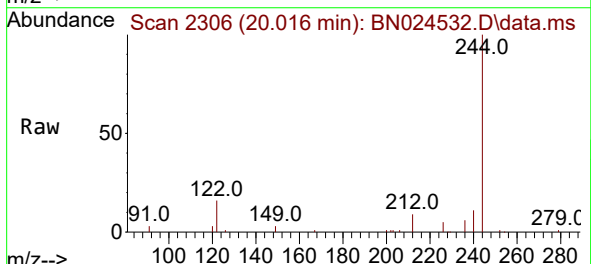
Tgt Ion:244 Resp: 17923

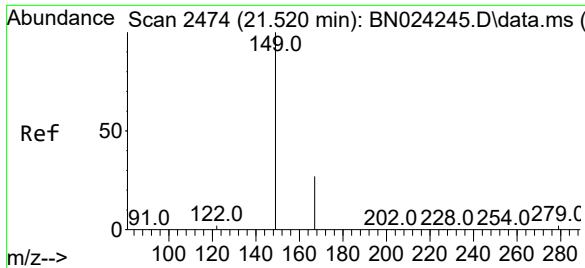
Ion Ratio Lower Upper

244 100

212 9.2 7.6 11.4

122 16.3 15.1 22.7

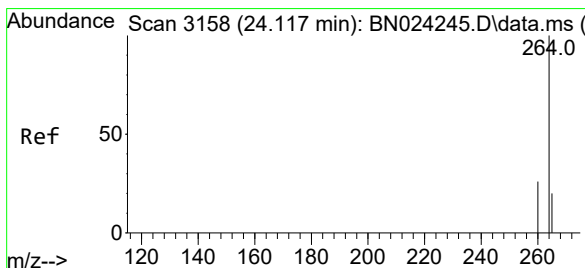
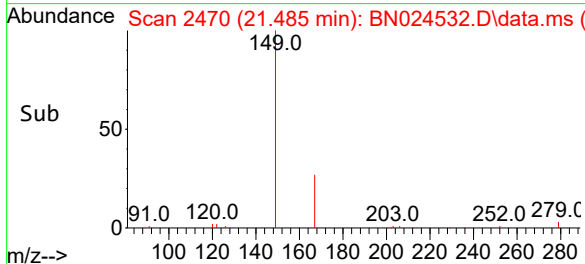
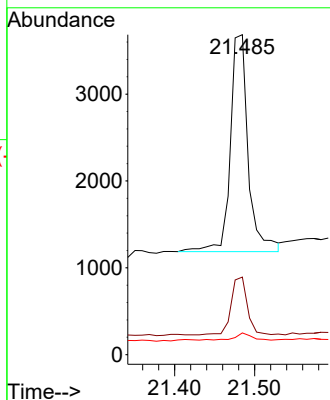
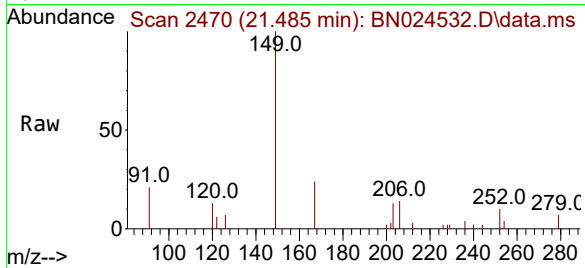




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.133 ng
 RT: 21.485 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BN024532.D
 Acq: 24 Mar 2023 05:54

Instrument :
 BNA_N
 ClientSampleId :
 TT161S1-20230314

Tgt Ion:149 Resp: 3876
 Ion Ratio Lower Upper
 149 100
 167 23.8 21.2 31.8
 279 2.9 1.8 2.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.071 min Scan# 3142
 Delta R.T. -0.009 min
 Lab File: BN024532.D
 Acq: 24 Mar 2023 05:54

Tgt Ion:264 Resp: 15365
 Ion Ratio Lower Upper
 264 100
 260 26.2 21.4 32.2
 265 84.8 35.7 53.5#

