

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024363.D
 Acq On : 18 Mar 2023 01:36
 Operator : CG/JU
 Sample : 01879-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20230308

Quant Time: Mar 18 02:16:11 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)

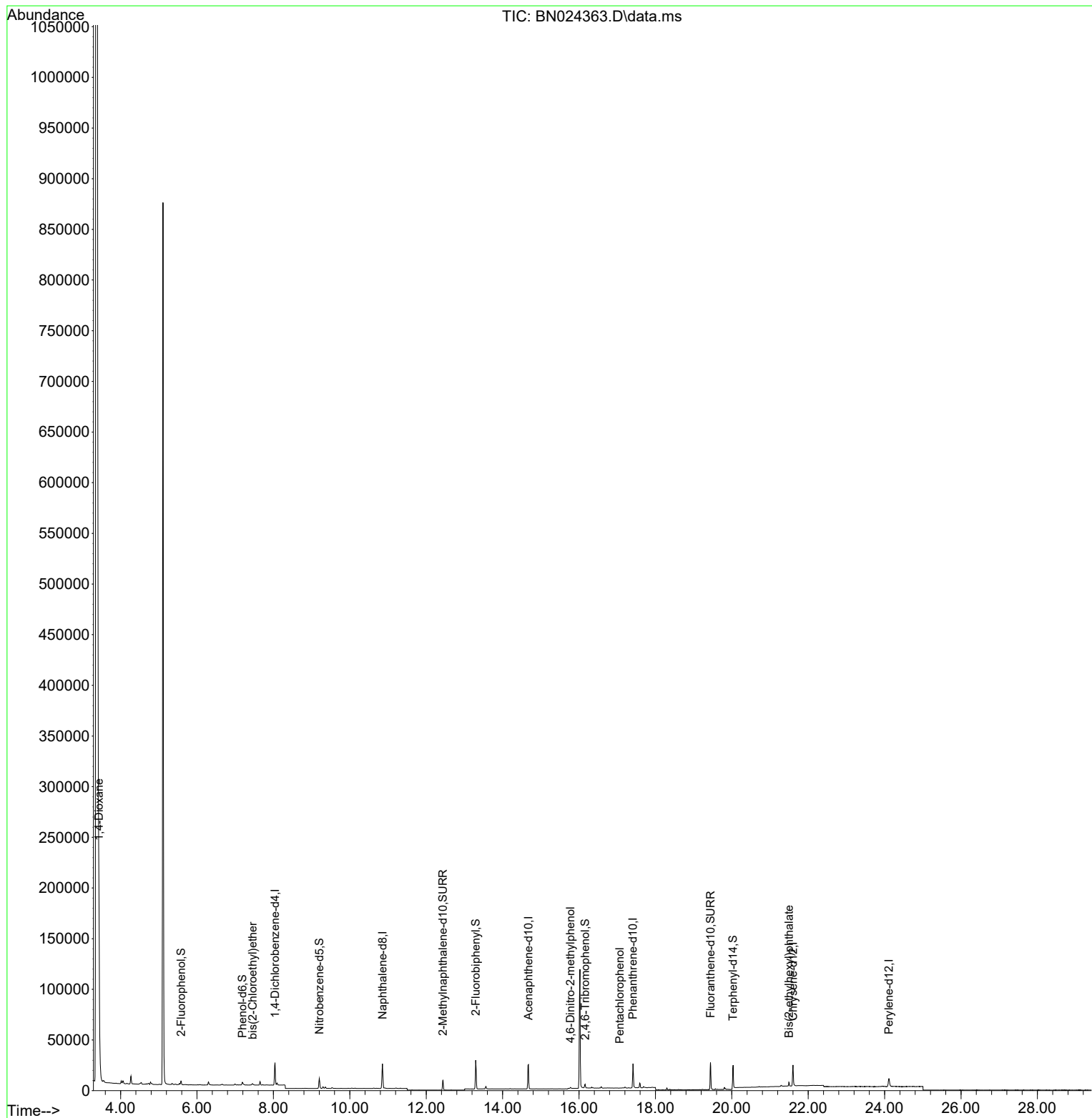
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	10160	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	30526	0.400	ng	0.00
13) Acenaphthene-d10	14.675	164	14471	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	29459	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	20549	0.400	ng	# 0.00
35) Perylene-d12	24.112	264	14154	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.585	112	2879	0.128	ng	0.00
5) Phenol-d6	7.188	99	2096	0.073	ng	0.00
8) Nitrobenzene-d5	9.201	82	7585	0.372	ng	0.00
11) 2-Methylnaphthalene-d10	12.437	152	13148	0.350	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	2091	0.283	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	23377	0.428	ng	-0.01
27) Fluoranthene-d10	19.442	212	27108	0.434	ng	0.00
31) Terphenyl-d14	20.034	244	17549	0.507	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	46857	4.238	ng	# 94
6) bis(2-Chloroethyl)ether	7.455	93	712	0.025	ng	92
20) 4,6-Dinitro-2-methylph...	15.775	198	7	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	12	0.129	ng	# 46
34) Bis(2-ethylhexyl)phtha...	21.494	149	3994	0.124	ng	95

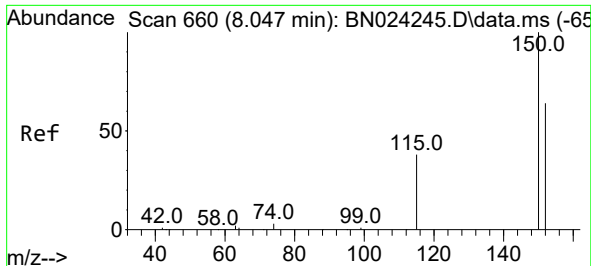
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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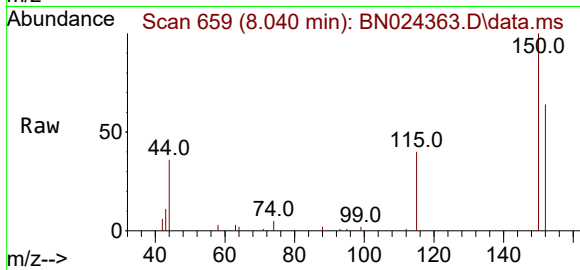
Quant Time: Mar 18 02:16:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
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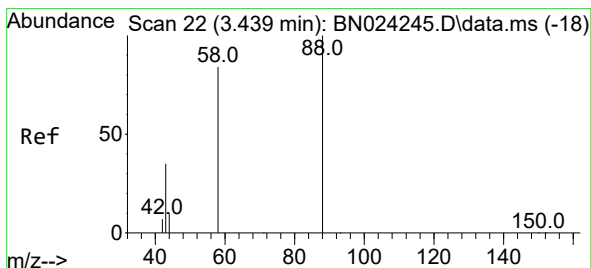
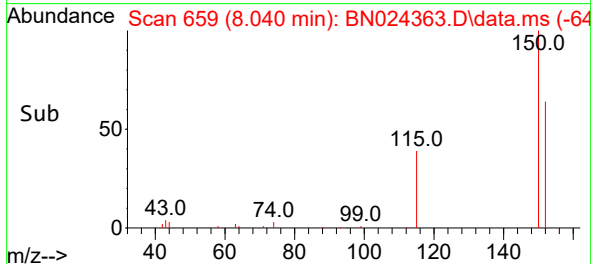
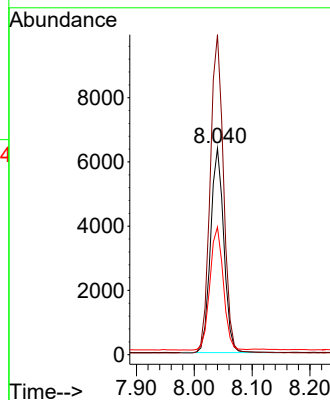


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN024363.D
 Acq: 18 Mar 2023 01:36

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20230308

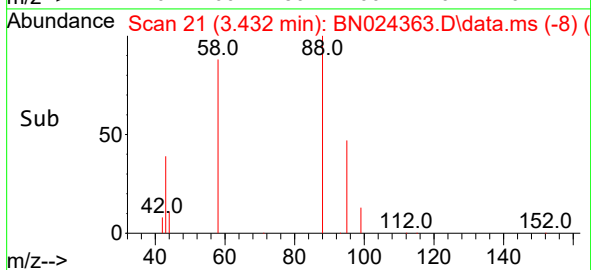
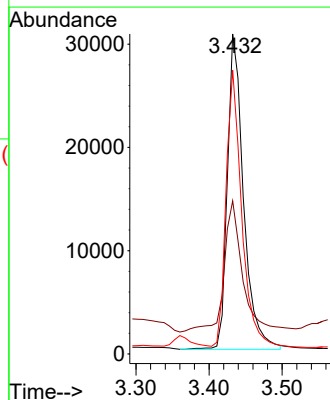
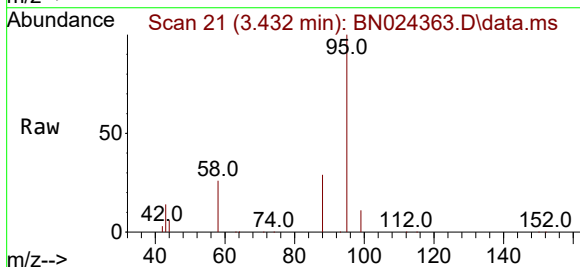


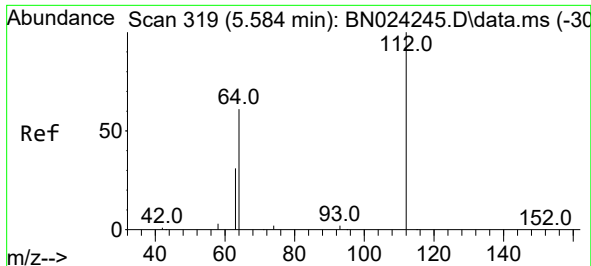
Tgt Ion:152 Resp: 10160
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.7 187.1
 115 61.9 49.1 73.7



#2
 1,4-Dioxane
 Concen: 4.238 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024363.D
 Acq: 18 Mar 2023 01:36

Tgt Ion: 88 Resp: 46857
 Ion Ratio Lower Upper
 88 100
 43 47.3 29.0 43.4#
 58 83.8 67.3 100.9

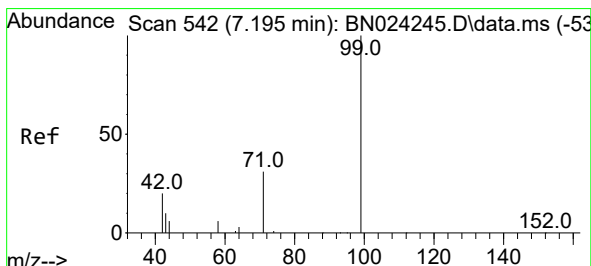
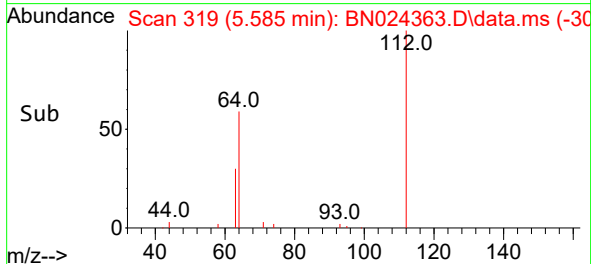
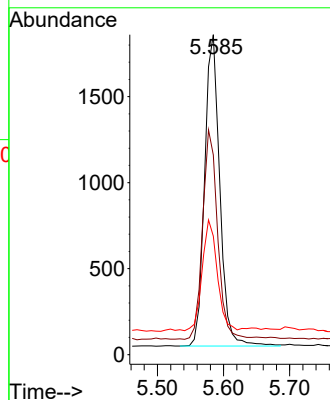
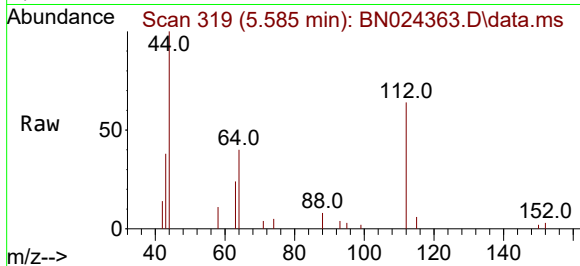




#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.585 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024363.D
Acq: 18 Mar 2023 01:36

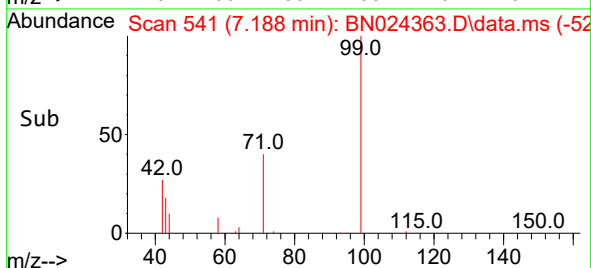
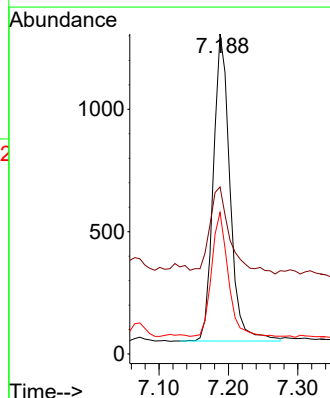
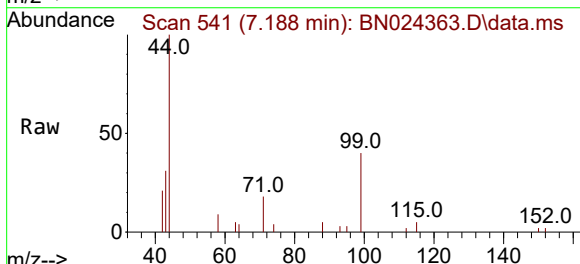
Instrument :
BNA_N
ClientSampleId :
RE122D2-20230308

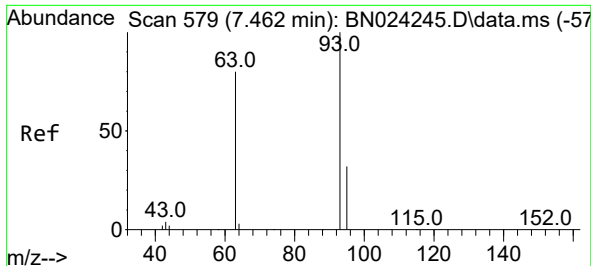
Tgt Ion:112 Resp: 2879
Ion Ratio Lower Upper
112 100
64 66.3 49.0 73.6
63 35.5 25.7 38.5



#5
Phenol-d6
Concen: 0.073 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024363.D
Acq: 18 Mar 2023 01:36

Tgt Ion: 99 Resp: 2096
Ion Ratio Lower Upper
99 100
42 34.9 20.1 30.1#
71 41.8 25.8 38.8#



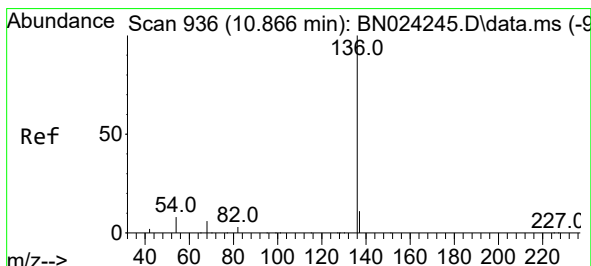
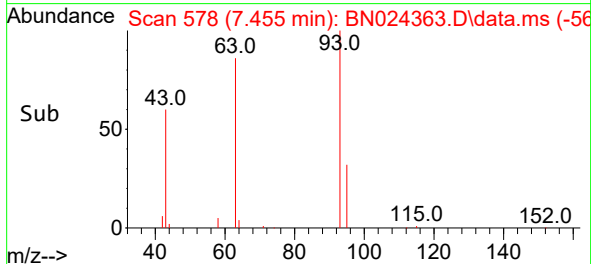
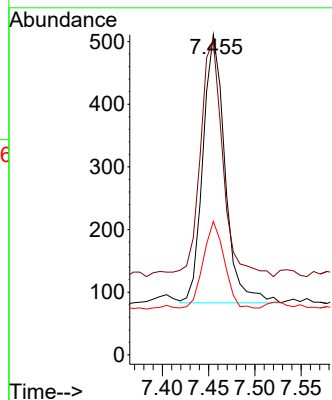
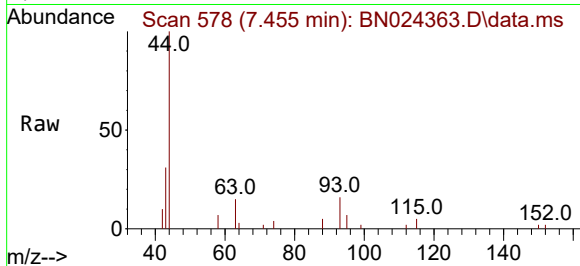


#6
 bis(2-Chloroethyl)ether
 Concen: 0.025 ng
 RT: 7.455 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BN024363.D
 Acq: 18 Mar 2023 01:36

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20230308

Tgt Ion: 93 Resp: 712

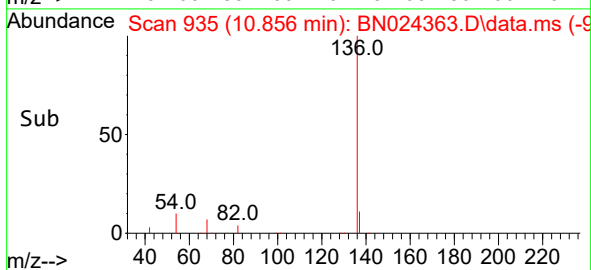
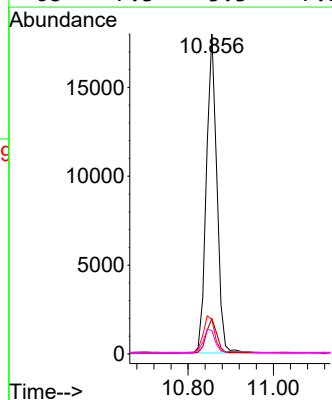
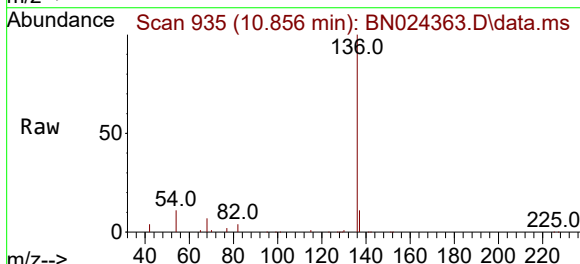
Ion	Ratio	Lower	Upper
93	100		
63	91.4	65.4	98.2
95	32.7	25.8	38.8

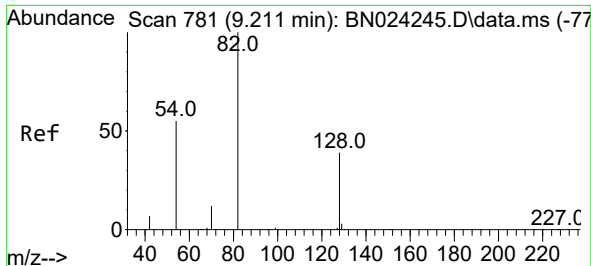


#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.856 min Scan# 935
 Delta R.T. 0.000 min
 Lab File: BN024363.D
 Acq: 18 Mar 2023 01:36

Tgt Ion: 136 Resp: 30526

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.7	7.1	10.7
68	7.3	5.3	7.9

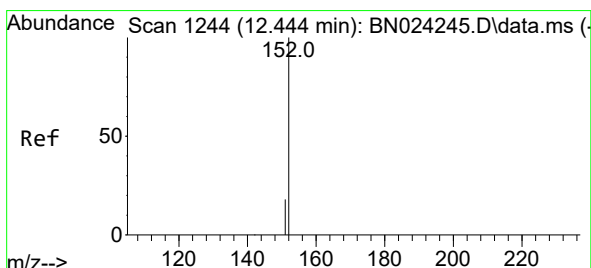
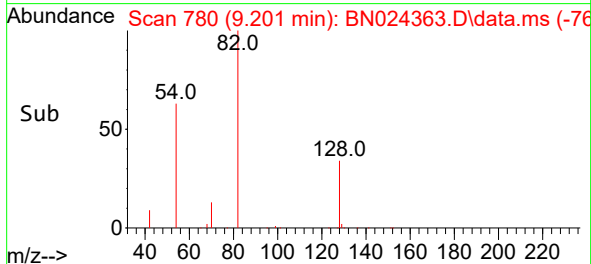
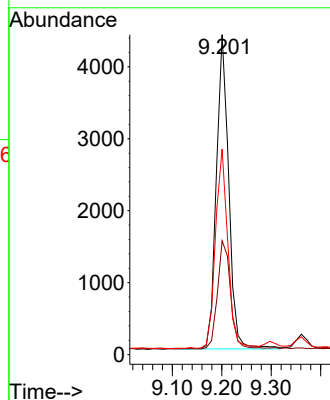
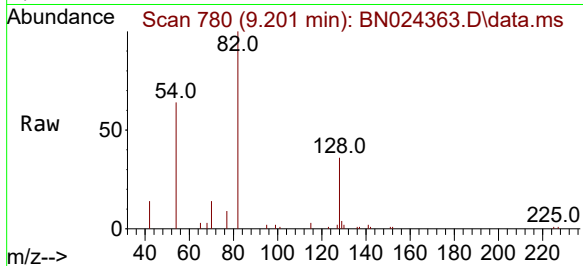




#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 9.201 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN024363.D
Acq: 18 Mar 2023 01:36

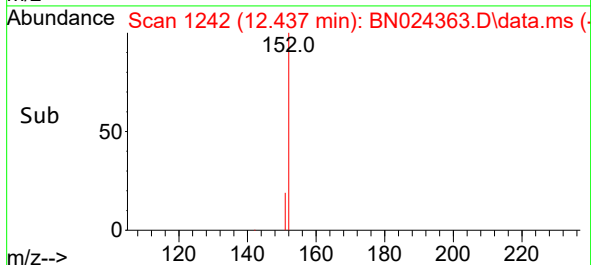
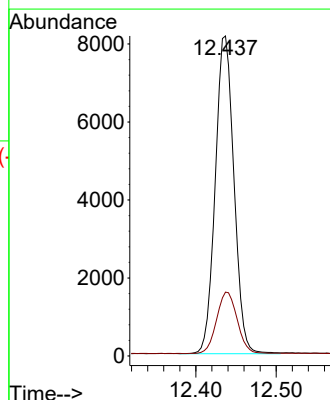
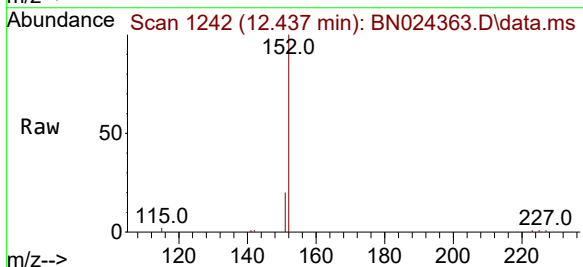
Instrument :
BNA_N
ClientSampleId :
RE122D2-20230308

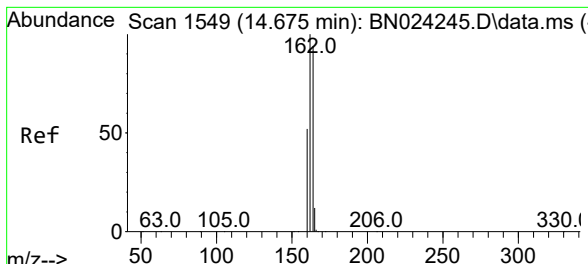
Tgt Ion: 82 Resp: 7585
Ion Ratio Lower Upper
82 100
128 35.6 32.4 48.6
54 64.3 45.2 67.8



#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 12.437 min Scan# 1242
Delta R.T. -0.004 min
Lab File: BN024363.D
Acq: 18 Mar 2023 01:36

Tgt Ion: 152 Resp: 13148
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2

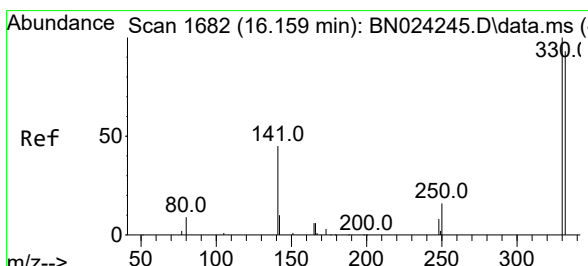
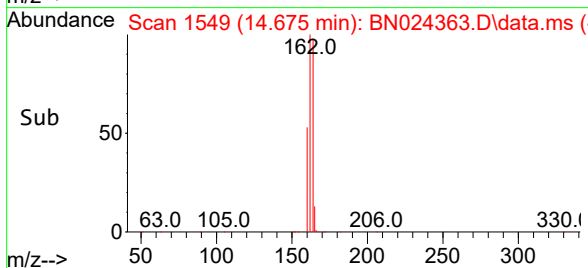
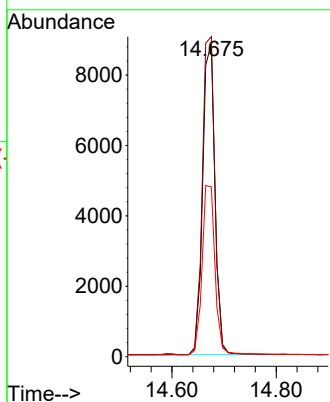
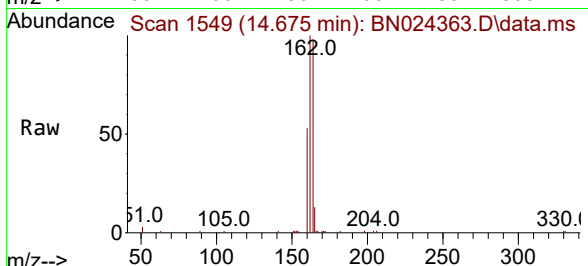




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.675 min Scan# 1549
 Delta R.T. 0.000 min
 Lab File: BN024363.D
 Acq: 18 Mar 2023 01:36

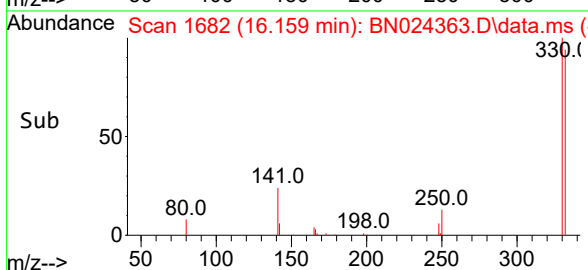
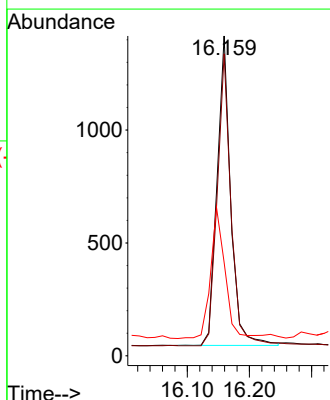
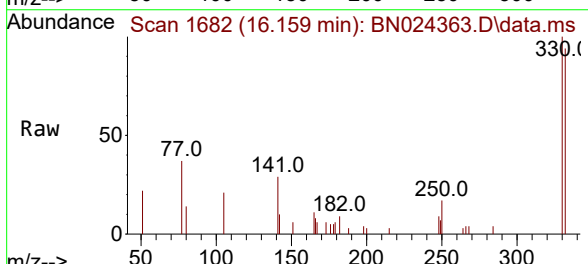
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 ClientSampleId :
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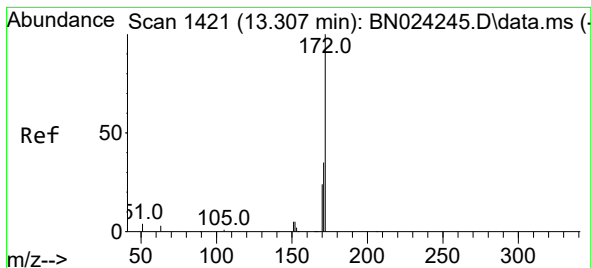
Tgt Ion:	164	Resp:	14471
Ion	Ratio	Lower	Upper
164	100		
162	102.1	84.7	127.1
160	54.2	44.6	66.8



#14
 2,4,6-Tribromophenol
 Concen: 0.283 ng
 RT: 16.159 min Scan# 1682
 Delta R.T. 0.000 min
 Lab File: BN024363.D
 Acq: 18 Mar 2023 01:36

Tgt Ion:	330	Resp:	2091
Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.0	117.0
141	44.5	30.8	46.2





#15

2-Fluorobiphenyl

Concen: 0.428 ng

RT: 13.296 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN024363.D

Acq: 18 Mar 2023 01:36

Instrument :

BNA_N

ClientSampleId :

RE122D2-20230308

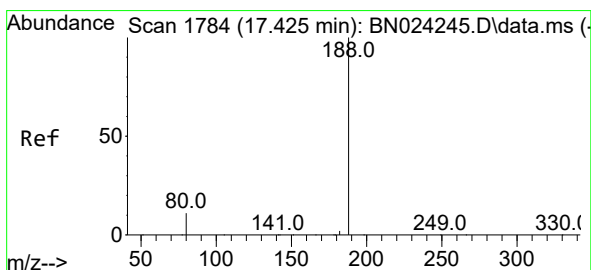
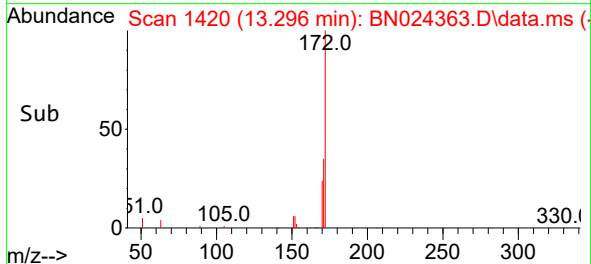
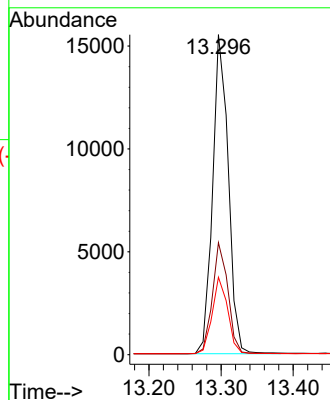
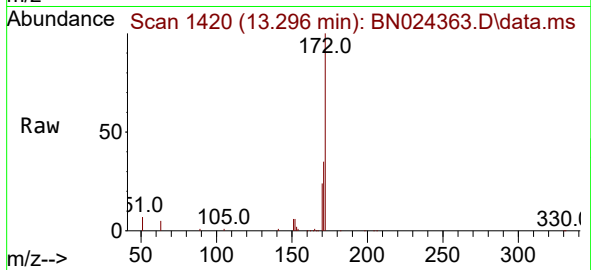
Tgt Ion:172 Resp: 23377

Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.8

170 24.2 19.0 28.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.413 min Scan# 1783

Delta R.T. 0.000 min

Lab File: BN024363.D

Acq: 18 Mar 2023 01:36

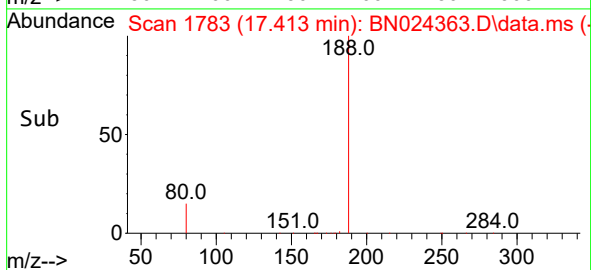
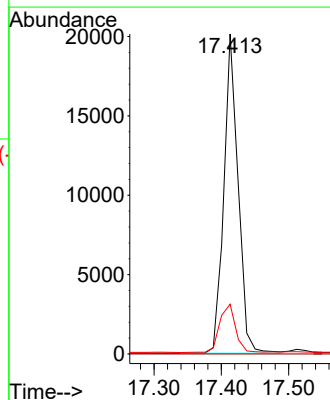
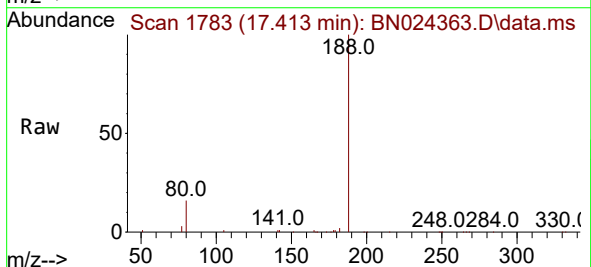
Tgt Ion:188 Resp: 29459

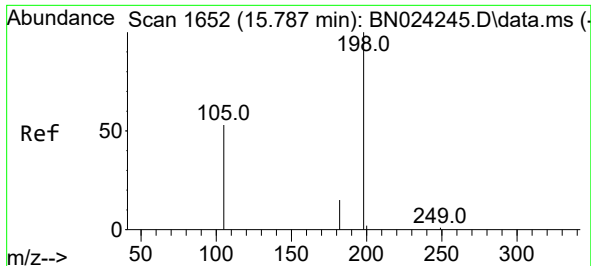
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.5 8.9 13.3#

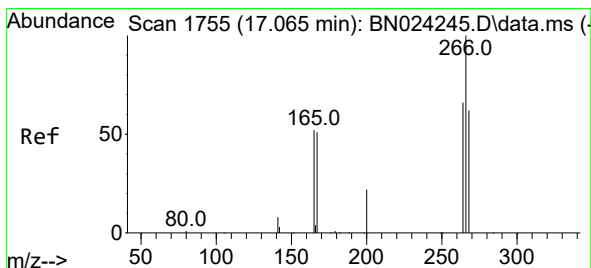
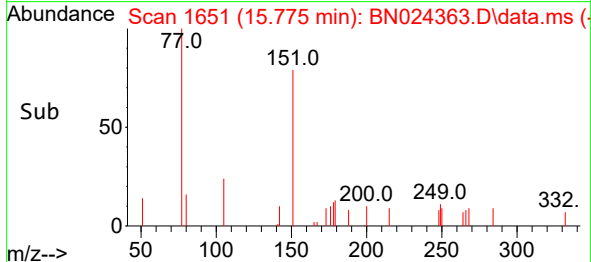
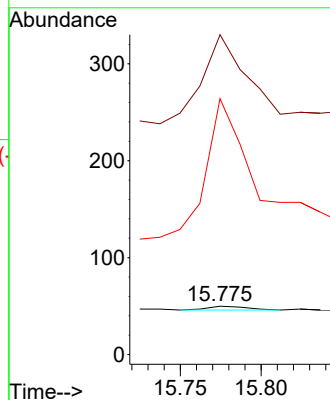
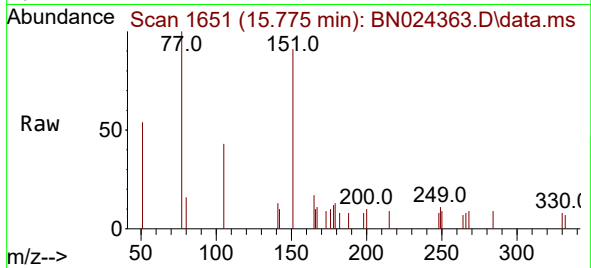




#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.775 min Scan# 1651
Delta R.T. -0.012 min
Lab File: BN024363.D
Acq: 18 Mar 2023 01:36

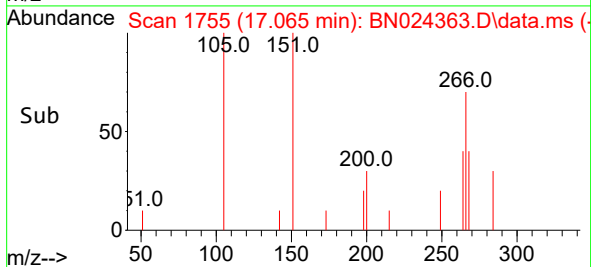
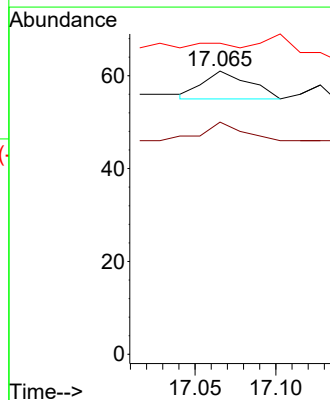
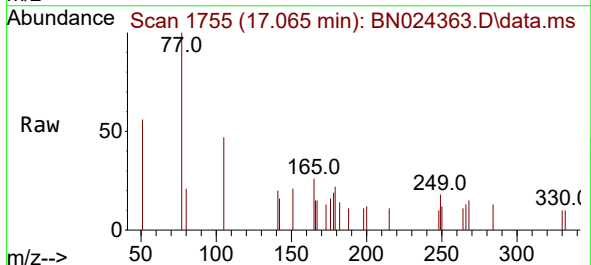
Instrument :
BNA_N
ClientSampleId :
RE122D2-20230308

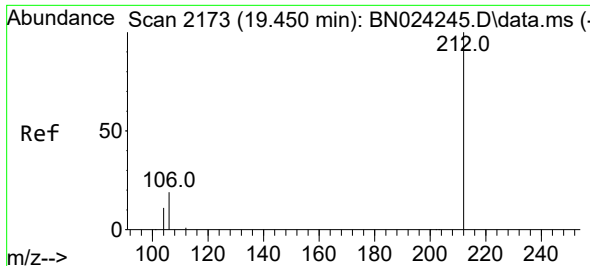
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 660.0 68.2 102.2#
105 528.0 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.129 ng
RT: 17.065 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BN024363.D
Acq: 18 Mar 2023 01:36

Tgt Ion:266 Resp: 12
Ion Ratio Lower Upper
266 100
264 83.3 51.1 76.7#
268 0.0 52.2 78.4#

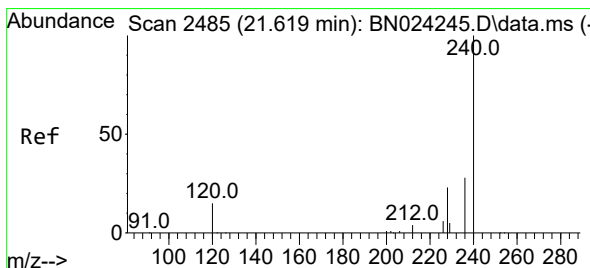
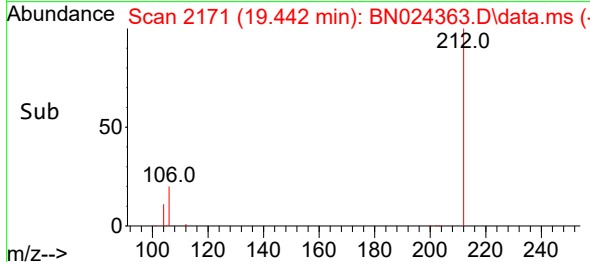
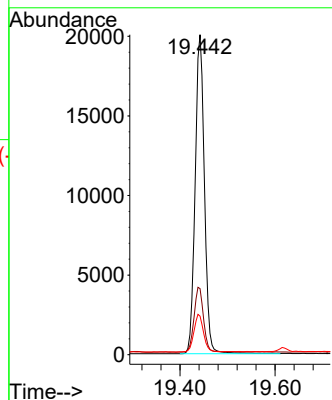
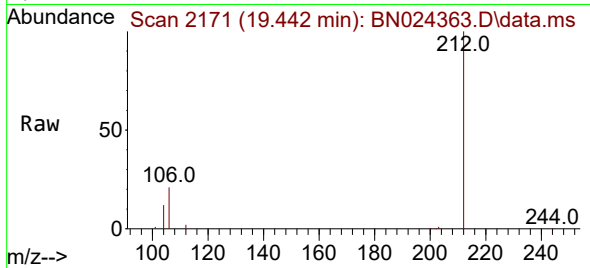




#27
Fluoranthene-d10
Concen: 0.434 ng
RT: 19.442 min Scan# 2171
Delta R.T. -0.004 min
Lab File: BN024363.D
Acq: 18 Mar 2023 01:36

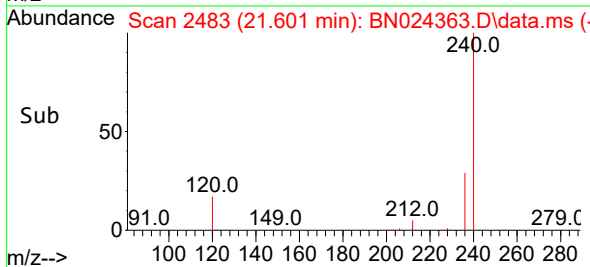
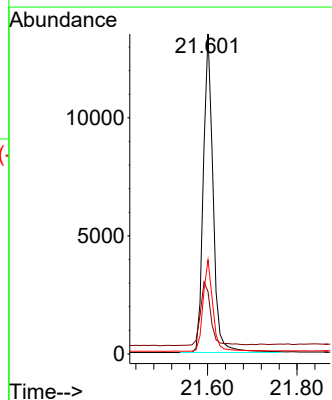
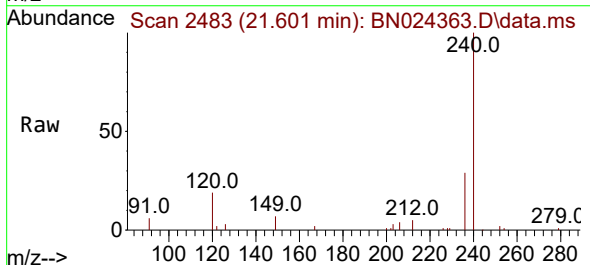
Instrument :
BNA_N
ClientSampleId :
RE122D2-20230308

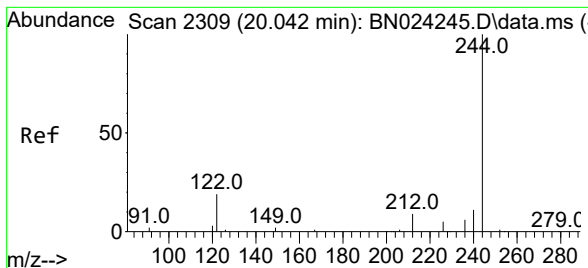
Tgt Ion:212 Resp: 27108
Ion Ratio Lower Upper
212 100
106 20.6 15.4 23.2
104 12.1 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.601 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BN024363.D
Acq: 18 Mar 2023 01:36

Tgt Ion:240 Resp: 20549
Ion Ratio Lower Upper
240 100
120 19.4 12.8 19.2#
236 29.4 22.5 33.7





#31

Terphenyl-d14

Concen: 0.507 ng

RT: 20.034 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024363.D

Acq: 18 Mar 2023 01:36

Instrument :

BNA_N

ClientSampleId :

RE122D2-20230308

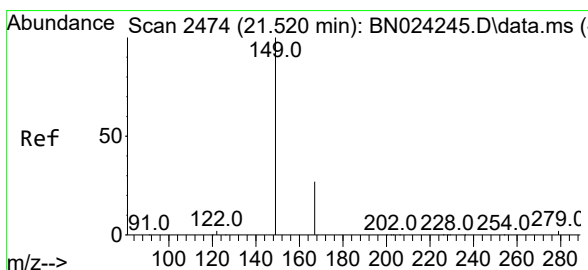
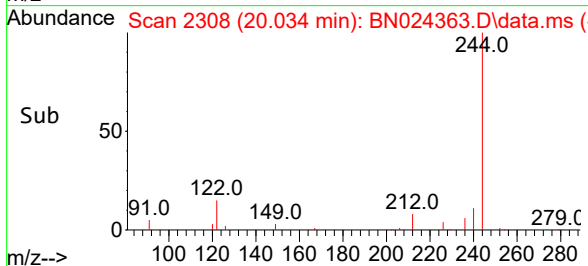
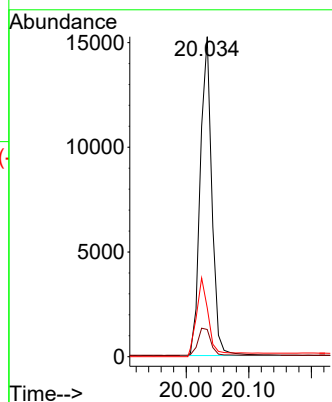
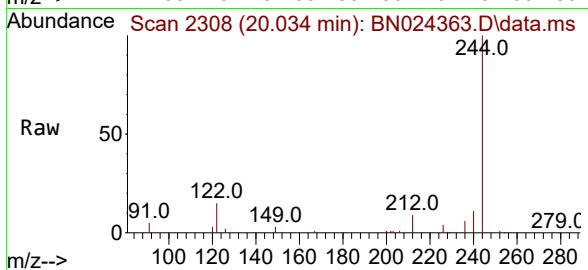
Tgt Ion:244 Resp: 17549

Ion Ratio Lower Upper

244 100

212 8.5 7.6 11.4

122 15.2 15.1 22.7



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.124 ng

RT: 21.494 min Scan# 2471

Delta R.T. -0.009 min

Lab File: BN024363.D

Acq: 18 Mar 2023 01:36

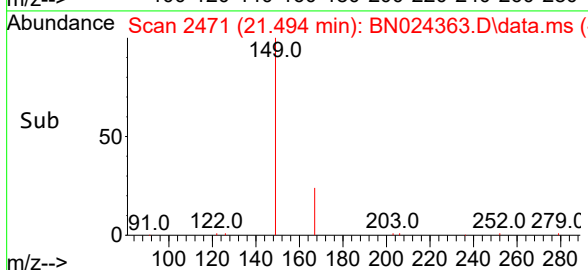
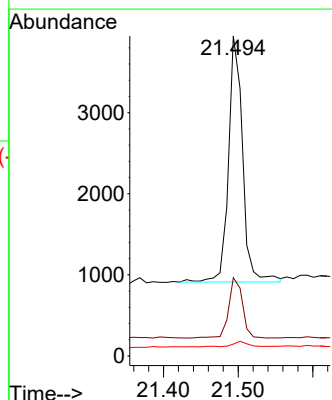
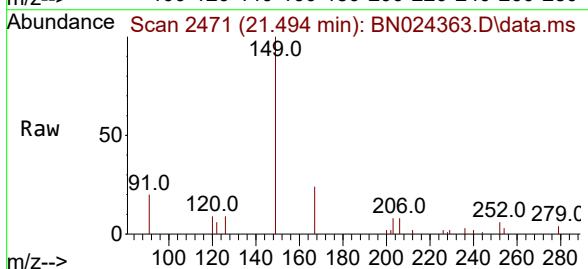
Tgt Ion:149 Resp: 3994

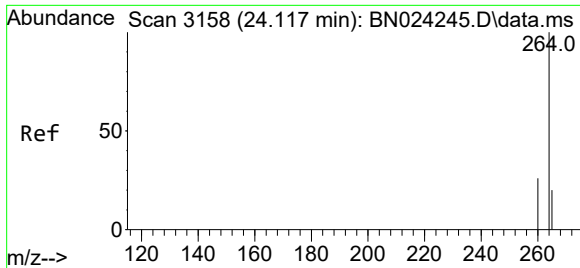
Ion Ratio Lower Upper

149 100

167 23.9 21.2 31.8

279 2.7 1.8 2.8





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.112 min Scan# 31

Delta R.T. -0.003 min

Lab File: BN024363.D

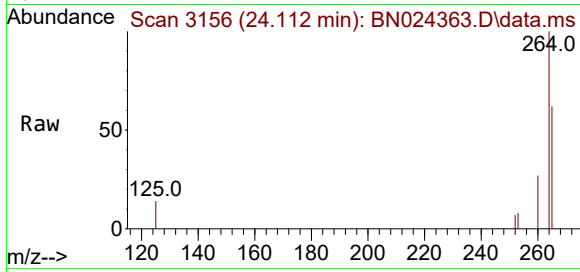
Acq: 18 Mar 2023 01:36

Instrument :

BNA_N

ClientSampleId :

RE122D2-20230308



Tgt Ion:264 Resp: 14154

Ion Ratio Lower Upper

264 100

260 27.3 21.4 32.2

265 62.3 35.7 53.5#

