

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032123\
 Data File : BN024459.D
 Acq On : 21 Mar 2023 23:08
 Operator : CG/JU
 Sample : 01879-18DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20230309DL

Quant Time: Mar 22 04:16:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 04:14:21 2023
 Response via : Initial Calibration

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

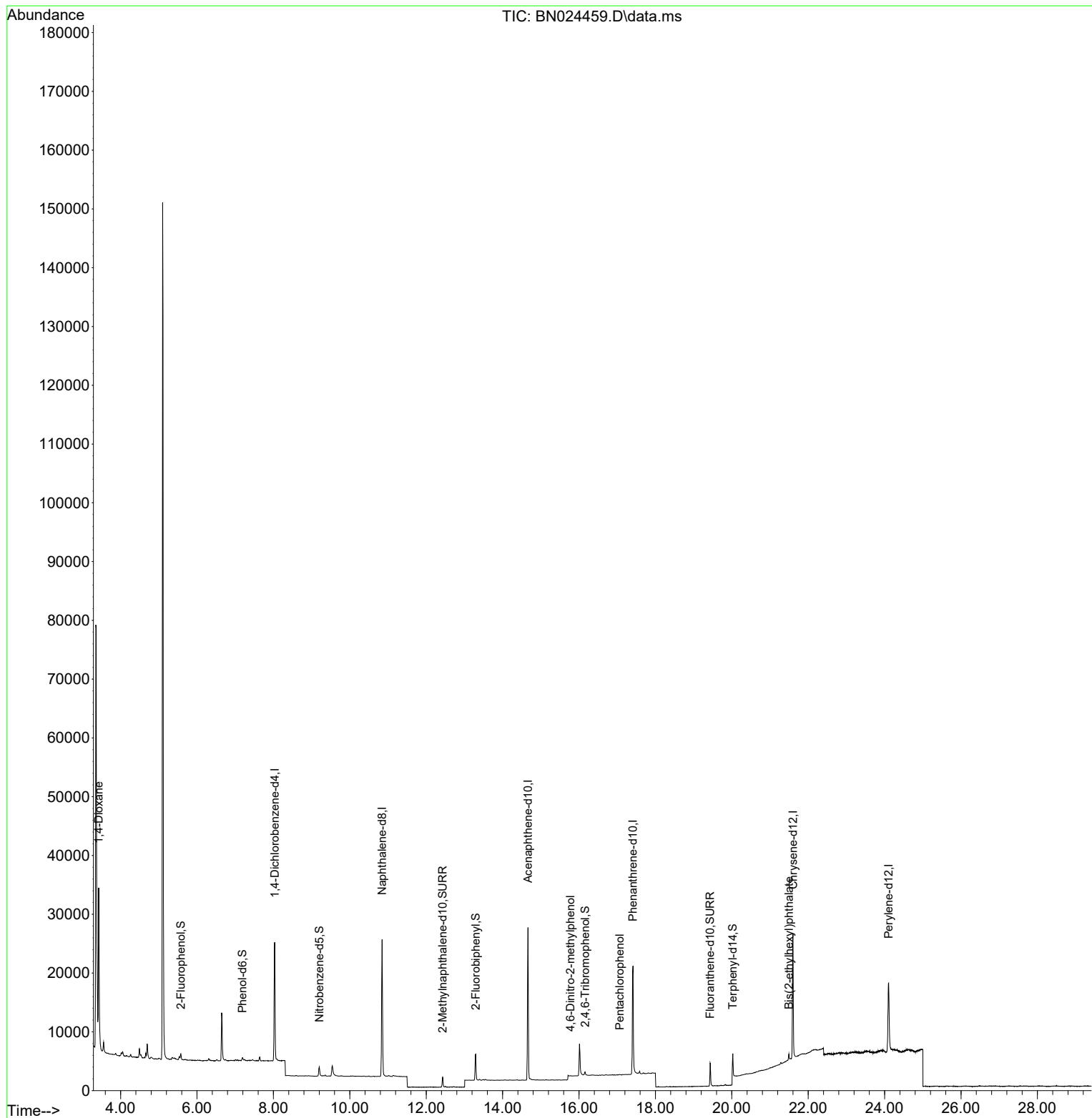
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.033	152	10123	0.400	ng	0.00
7) Naphthalene-d8	10.845	136	29300	0.400	ng	0.00
13) Acenaphthene-d10	14.665	164	14947	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	30511	0.400	ng	0.00
29) Chrysene-d12	21.601	240	22469	0.400	ng	0.00
35) Perylene-d12	24.106	264	19361	0.400	ng	# 0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	803	0.036	ng	0.00
5) Phenol-d6	7.188	99	611	0.021	ng	0.00
8) Nitrobenzene-d5	9.201	82	1514	0.077	ng	0.01
11) 2-Methylnaphthalene-d10	12.429	152	2444	0.068	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	411	0.054	ng	0.01
15) 2-Fluorobiphenyl	13.296	172	4399	0.078	ng	0.00
27) Fluoranthene-d10	19.433	212	4320	0.067	ng	0.00
31) Terphenyl-d14	20.025	244	3052	0.081	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.425	88	16998	1.543	ng	Qvalue 98
20) 4,6-Dinitro-2-methylph...	15.774	198	10	0.180	ng	# 1
24) Pentachlorophenol	17.065	266	38	0.131	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.493	149	1204	0.034	ng	# 96

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

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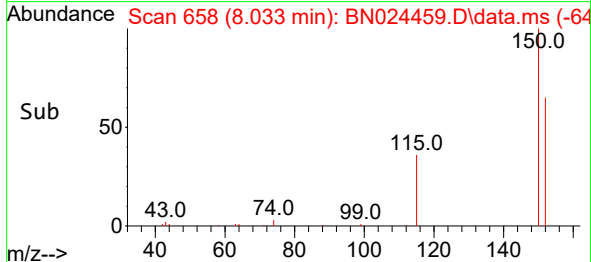
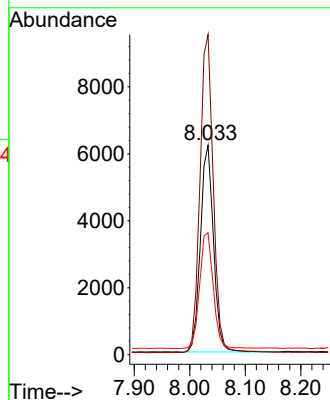
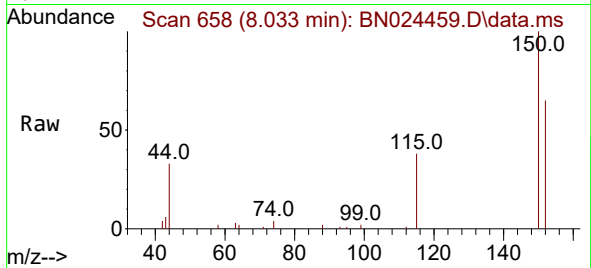




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.033 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN024459.D
Acq: 21 Mar 2023 23:08

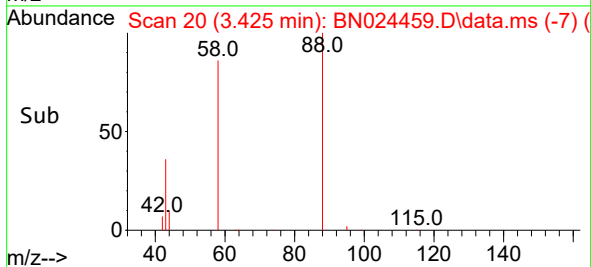
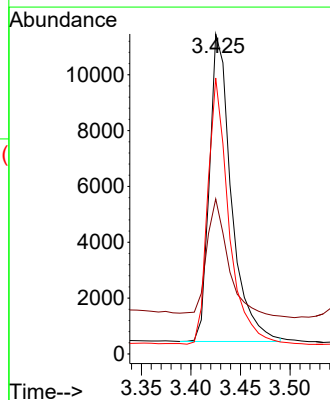
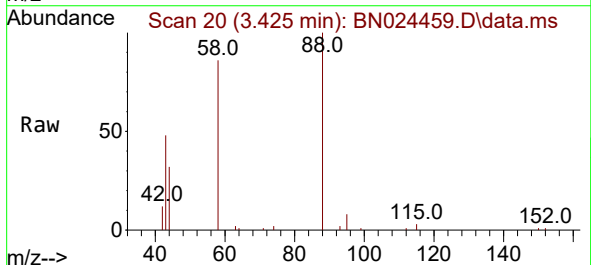
Instrument :
BNA_N
ClientSampleId :
RE134D3-20230309DL

Tgt Ion:152 Resp: 10123
Ion Ratio Lower Upper
152 100
150 152.8 124.7 187.1
115 58.2 49.1 73.7



#2
1,4-Dioxane
Concen: 1.543 ng
RT: 3.425 min Scan# 20
Delta R.T. -0.007 min
Lab File: BN024459.D
Acq: 21 Mar 2023 23:08

Tgt Ion: 88 Resp: 16998
Ion Ratio Lower Upper
88 100
43 37.3 29.0 43.4
58 82.1 67.3 100.9





#4

2-Fluorophenol

Concen: 0.036 ng

RT: 5.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN024459.D

Acq: 21 Mar 2023 23:08

Instrument :

BNA_N

ClientSampleId :

RE134D3-20230309DL

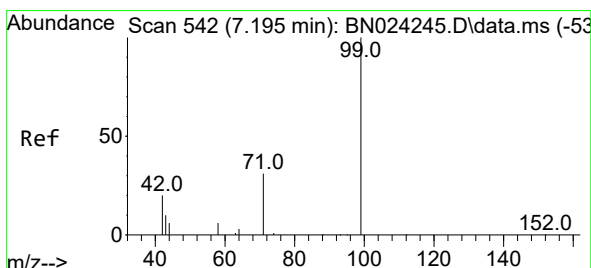
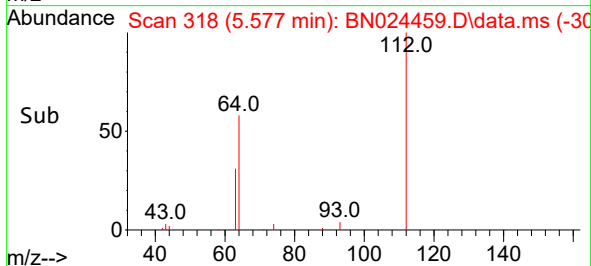
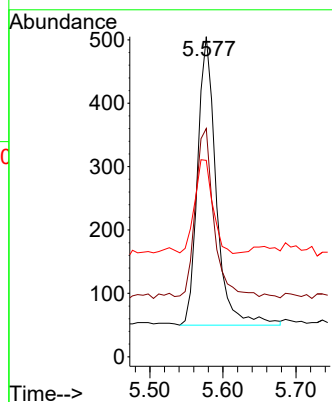
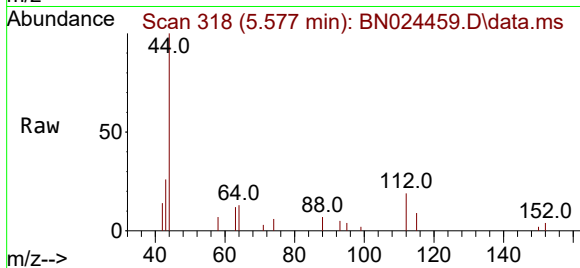
Tgt Ion:112 Resp: 803

Ion Ratio Lower Upper

112 100

64 60.3 49.0 73.6

63 30.6 25.7 38.5



#5

Phenol-d6

Concen: 0.021 ng

RT: 7.188 min Scan# 541

Delta R.T. 0.000 min

Lab File: BN024459.D

Acq: 21 Mar 2023 23:08

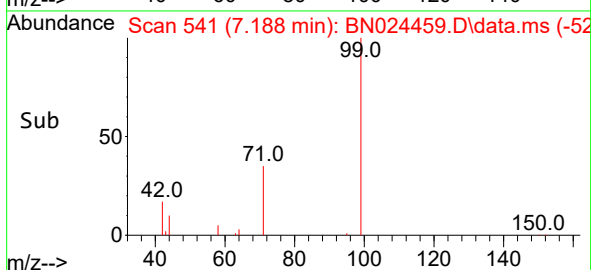
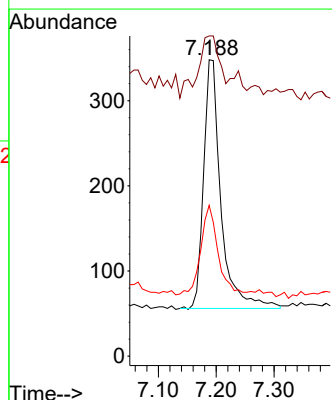
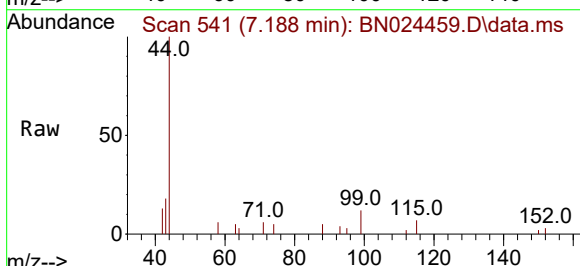
Tgt Ion: 99 Resp: 611

Ion Ratio Lower Upper

99 100

42 33.1 20.1 30.1#

71 35.8 25.8 38.8

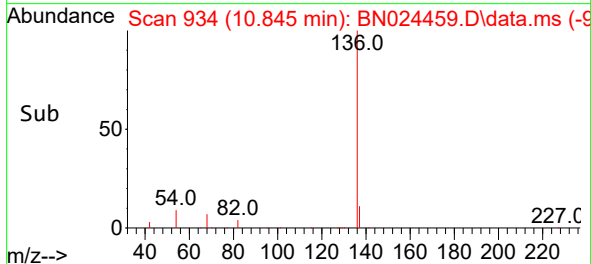
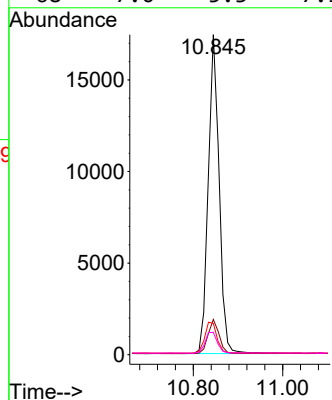
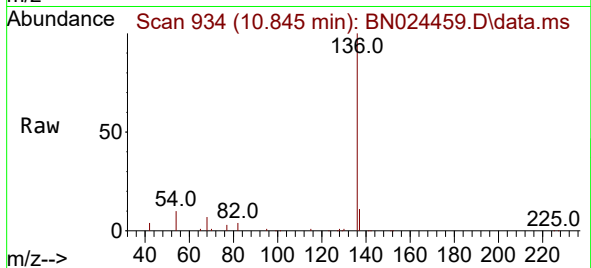




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.845 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024459.D
Acq: 21 Mar 2023 23:08

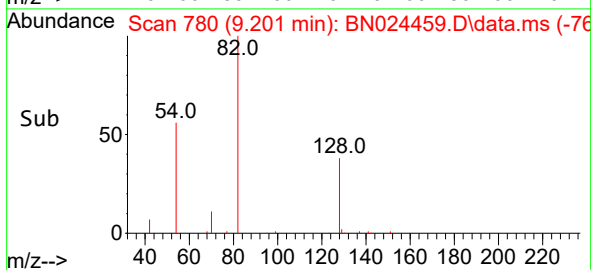
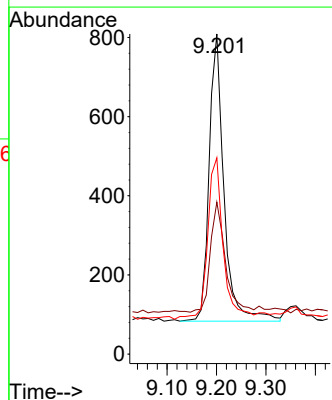
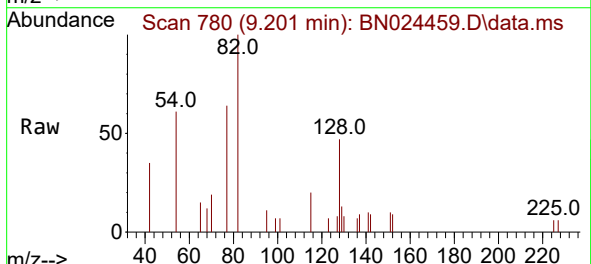
Instrument :
BNA_N
ClientSampleId :
RE134D3-20230309DL

Tgt Ion:	136	Resp:	29300
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	9.8	7.1	10.7
68	7.0	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.077 ng
RT: 9.201 min Scan# 780
Delta R.T. 0.011 min
Lab File: BN024459.D
Acq: 21 Mar 2023 23:08

Tgt Ion:	82	Resp:	1514
Ion Ratio	Lower	Upper	
82	100		
128	47.5	32.4	48.6
54	61.3	45.2	67.8

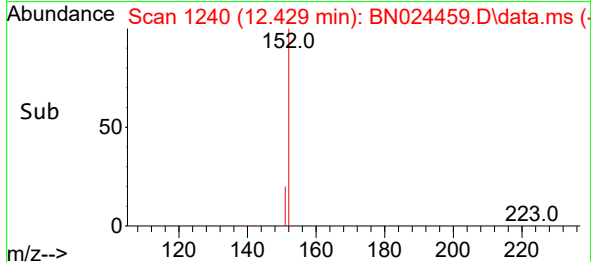
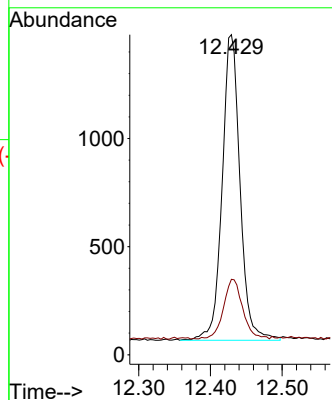
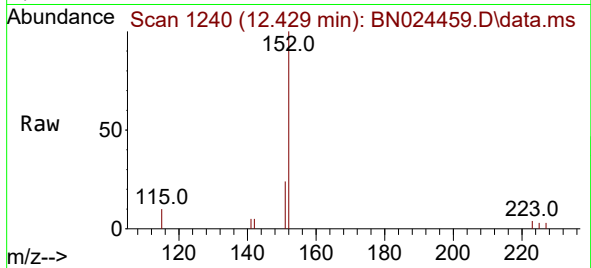




#11
2-Methylnaphthalene-d10
Concen: 0.068 ng
RT: 12.429 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024459.D
Acq: 21 Mar 2023 23:08

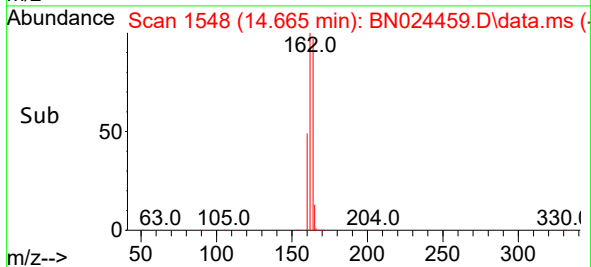
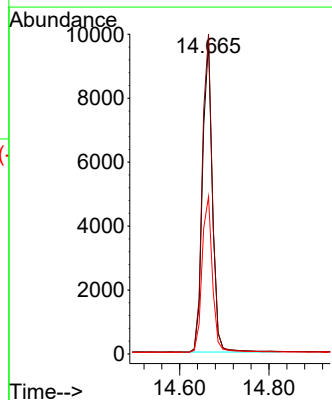
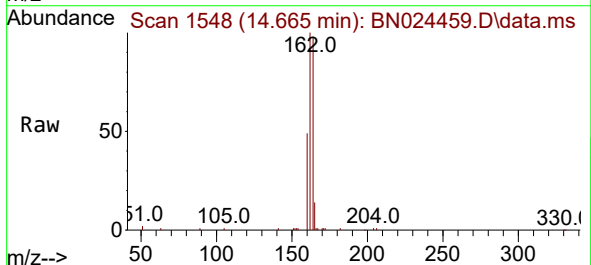
Instrument :
BNA_N
ClientSampleId :
RE134D3-20230309DL

Tgt Ion:152 Resp: 2444
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.665 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BN024459.D
Acq: 21 Mar 2023 23:08

Tgt Ion:164 Resp: 14947
Ion Ratio Lower Upper
164 100
162 102.5 84.7 127.1
160 50.4 44.6 66.8

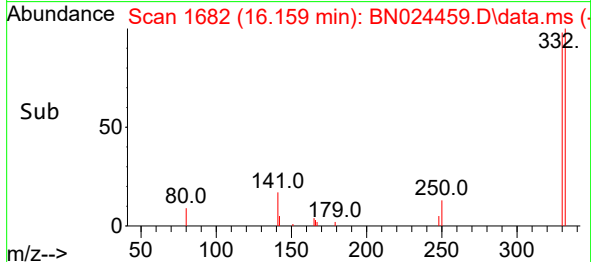
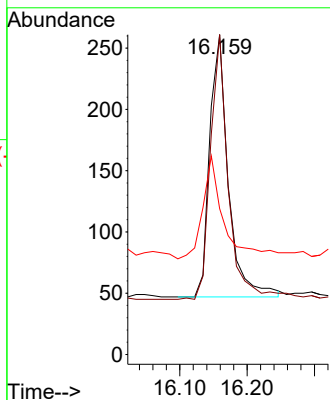
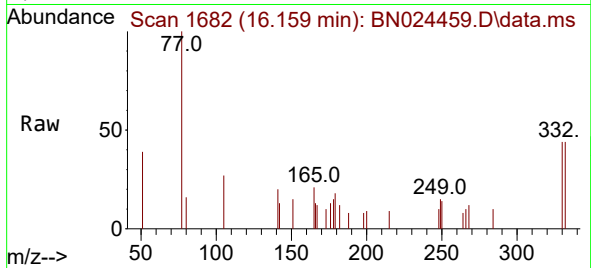




#14
2,4,6-Tribromophenol
Concen: 0.054 ng
RT: 16.159 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN024459.D
Acq: 21 Mar 2023 23:08

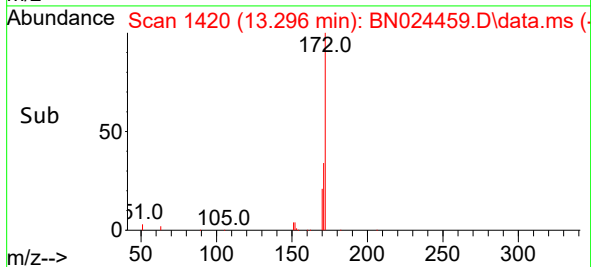
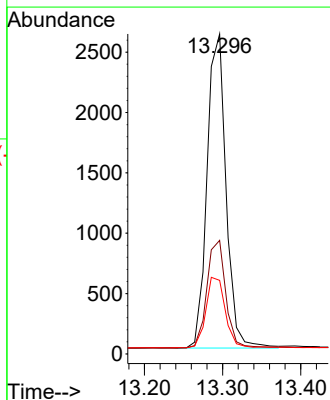
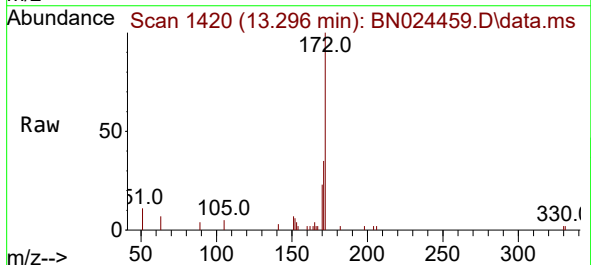
Instrument :
BNA_N
ClientSampleId :
RE134D3-20230309DL

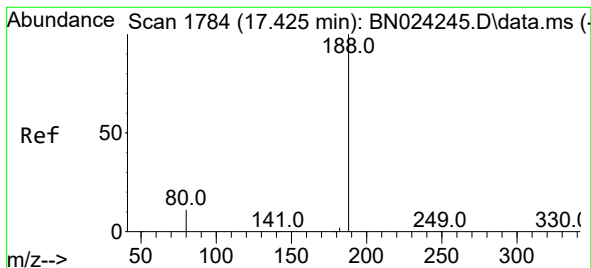
Tgt Ion:330 Resp: 411
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 44.0 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.078 ng
RT: 13.296 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BN024459.D
Acq: 21 Mar 2023 23:08

Tgt Ion:172 Resp: 4399
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.8
170 23.0 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: BN024459.D

Acq: 21 Mar 2023 23:08

Instrument :

BNA_N

ClientSampleId :

RE134D3-20230309DL

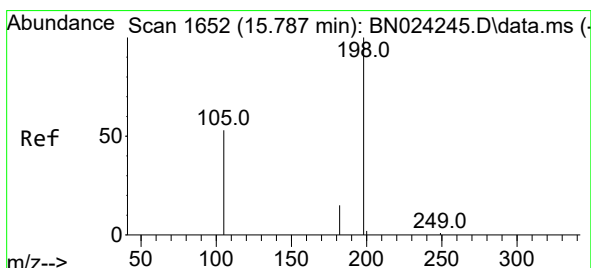
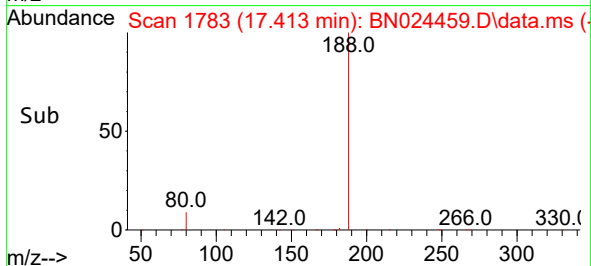
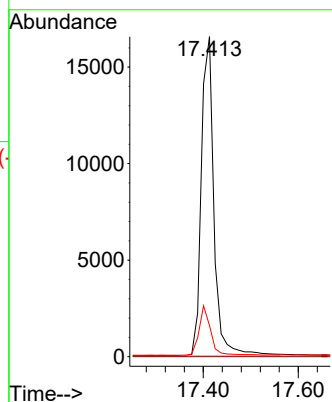
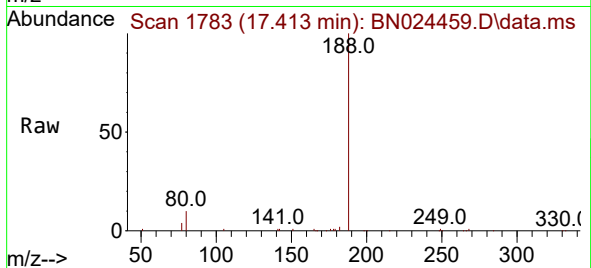
Tgt Ion:188 Resp: 30511

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.8 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: BN024459.D

Acq: 21 Mar 2023 23:08

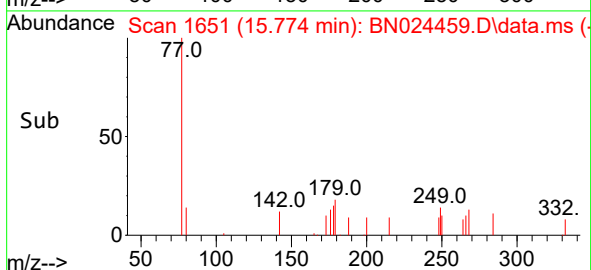
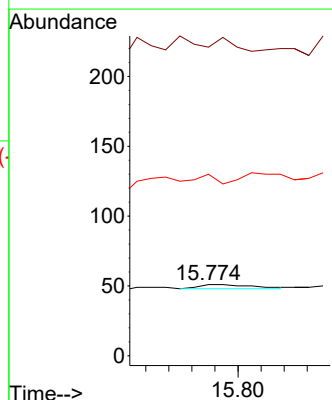
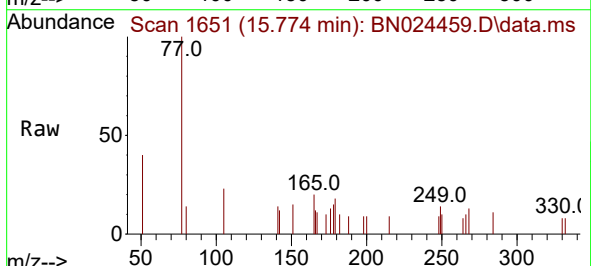
Tgt Ion:198 Resp: 10

Ion Ratio Lower Upper

198 100

51 433.3 68.2 102.2#

105 254.9 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.131 ng

RT: 17.065 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024459.D

Acq: 21 Mar 2023 23:08

Instrument :

BNA_N

ClientSampleId :

RE134D3-20230309DL

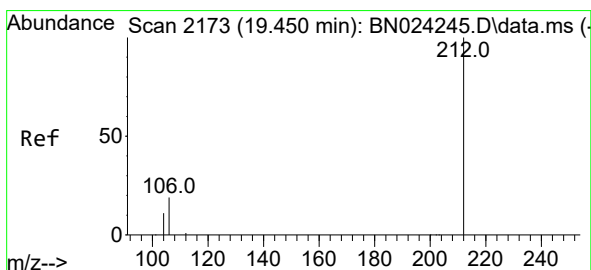
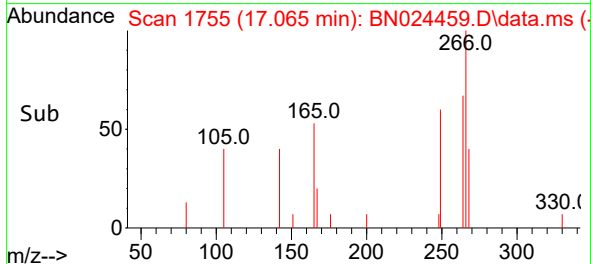
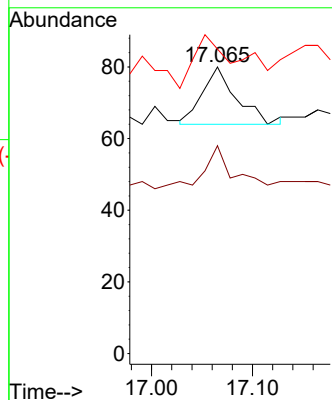
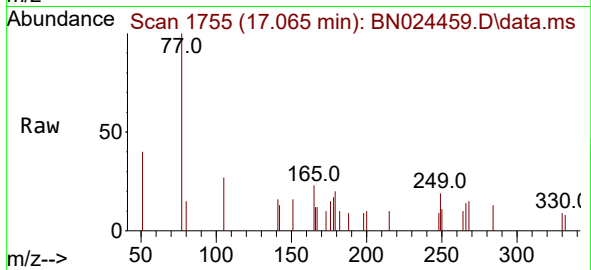
Tgt Ion:266 Resp: 38

Ion Ratio Lower Upper

266 100

264 63.2 51.1 76.7

268 94.7 52.2 78.4#



#27

Fluoranthene-d10

Concen: 0.067 ng

RT: 19.433 min Scan# 2169

Delta R.T. -0.004 min

Lab File: BN024459.D

Acq: 21 Mar 2023 23:08

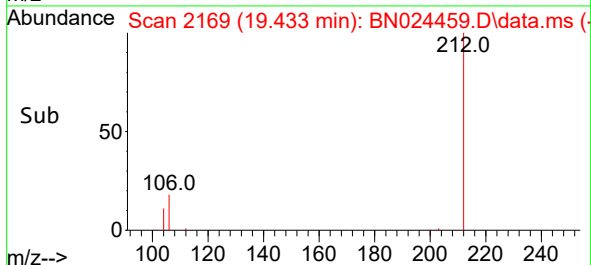
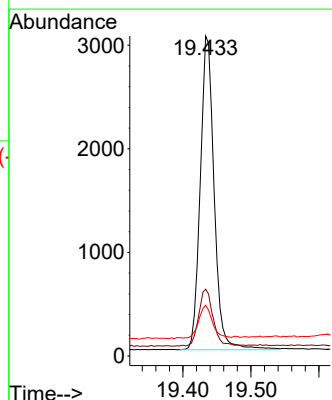
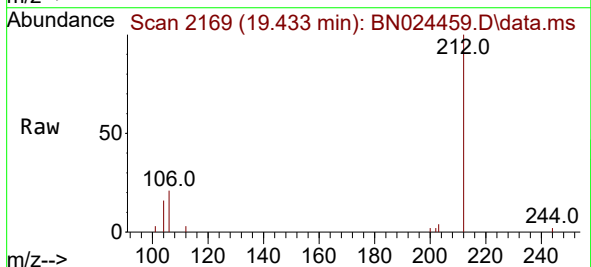
Tgt Ion:212 Resp: 4320

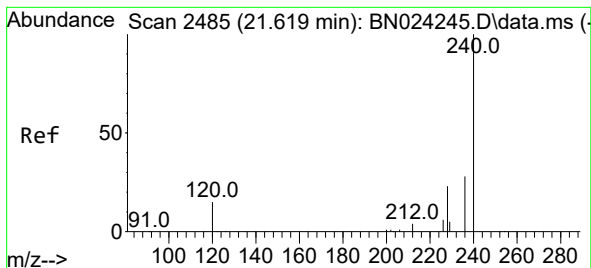
Ion Ratio Lower Upper

212 100

106 18.9 15.4 23.2

104 10.0 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.601 min Scan# 2483

Delta R.T. 0.009 min

Lab File: BN024459.D

Acq: 21 Mar 2023 23:08

Instrument :

BNA_N

ClientSampleId :

RE134D3-20230309DL

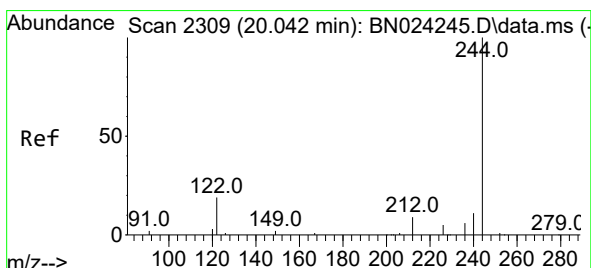
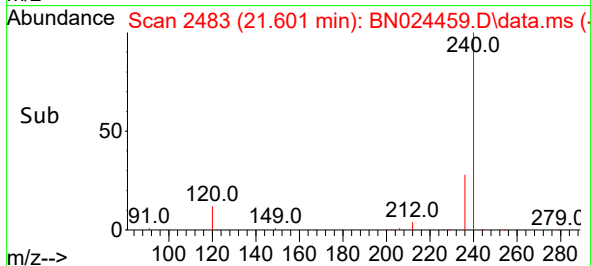
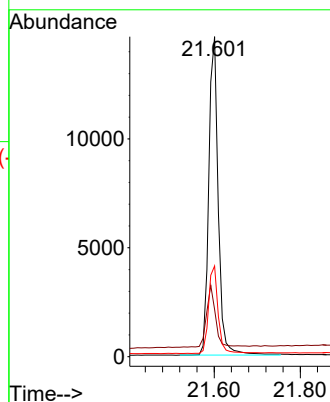
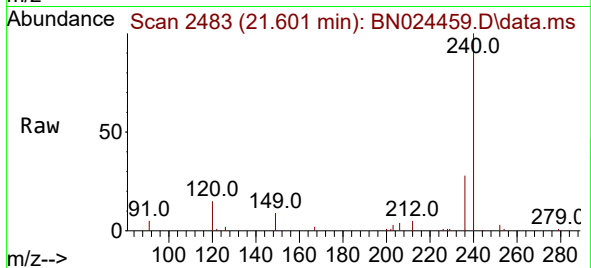
Tgt Ion:240 Resp: 22469

Ion Ratio Lower Upper

240 100

120 14.7 12.8 19.2

236 28.4 22.5 33.7



#31

Terphenyl-d14

Concen: 0.081 ng

RT: 20.025 min Scan# 2307

Delta R.T. 0.000 min

Lab File: BN024459.D

Acq: 21 Mar 2023 23:08

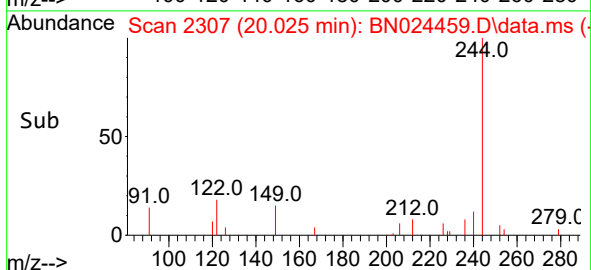
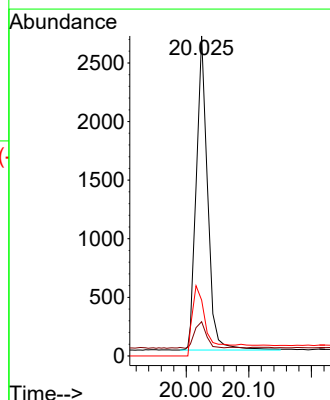
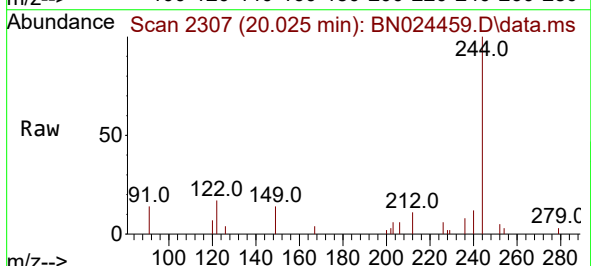
Tgt Ion:244 Resp: 3052

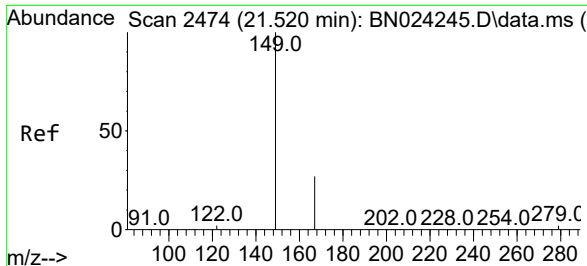
Ion Ratio Lower Upper

244 100

212 10.7 7.6 11.4

122 17.5 15.1 22.7

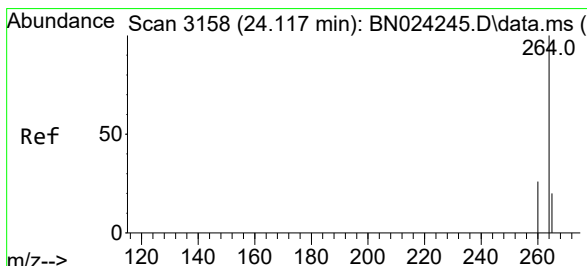
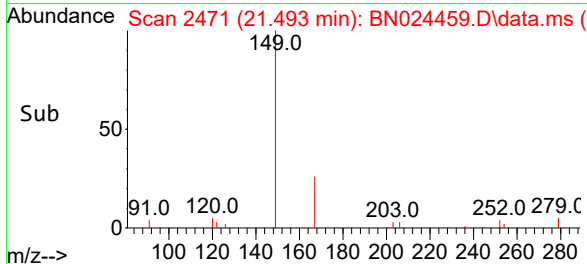
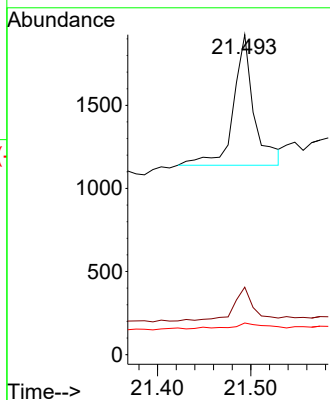
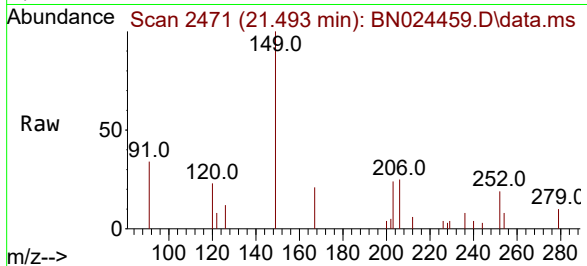




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.034 ng
RT: 21.493 min Scan# 2471
Delta R.T. 0.000 min
Lab File: BN024459.D
Acq: 21 Mar 2023 23:08

Instrument :
BNA_N
ClientSampleId :
RE134D3-20230309DL

Tgt Ion:149 Resp: 1204
Ion Ratio Lower Upper
149 100
167 25.1 21.2 31.8
279 7.4 1.8 2.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.106 min Scan# 3154
Delta R.T. 0.026 min
Lab File: BN024459.D
Acq: 21 Mar 2023 23:08

Tgt Ion:264 Resp: 19361
Ion Ratio Lower Upper
264 100
260 26.9 21.4 32.2
265 70.6 35.7 53.5#

