

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030624\
 Data File : BN030315.D
 Acq On : 07 Mar 2024 06:25
 Operator : MA/JU
 Sample : P1590-18
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20240222

Quant Time: Mar 07 07:03:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 17:44:16 2024
 Response via : Initial Calibration

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

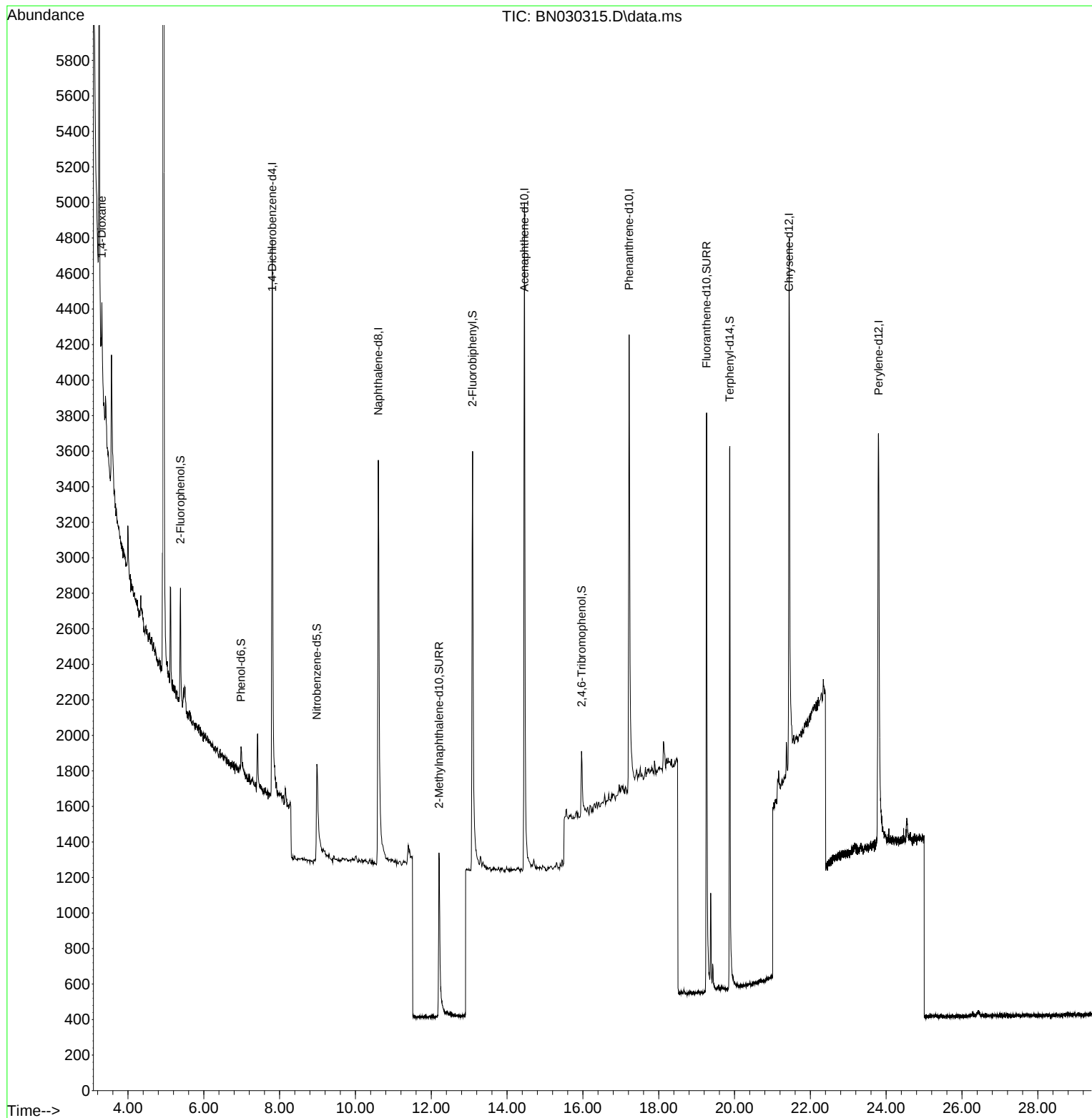
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	1857	0.400	ng	0.00
7) Naphthalene-d8	10.605	136	4758	0.400	ng	0.00
13) Acenaphthene-d10	14.458	164	2544	0.400	ng	0.00
19) Phenanthrene-d10	17.218	188	5057	0.400	ng	0.00
29) Chrysene-d12	21.438	240	4076	0.400	ng	0.00
35) Perylene-d12	23.800	264	4368	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	537	0.110	ng	0.00
5) Phenol-d6	6.981	99	273	0.053	ng	0.00
8) Nitrobenzene-d5	8.982	82	1017	0.234	ng	0.01
11) 2-Methylnaphthalene-d10	12.204	152	2060	0.298	ng	0.00
14) 2,4,6-Tribromophenol	15.965	330	311	0.238	ng	0.00
15) 2-Fluorobiphenyl	13.089	172	2999	0.284	ng	0.00
27) Fluoranthene-d10	19.262	212	4603	0.332	ng	0.00
31) Terphenyl-d14	19.875	244	3754	0.355	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.312	88	290	0.120	ng	# 60

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

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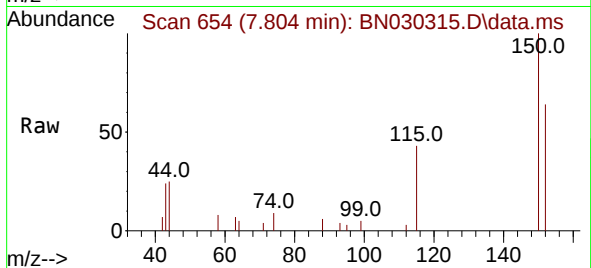
Quant Time: Mar 07 07:03:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
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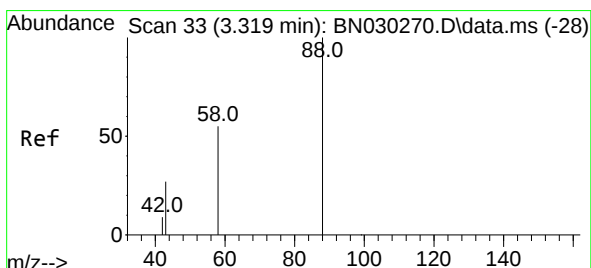
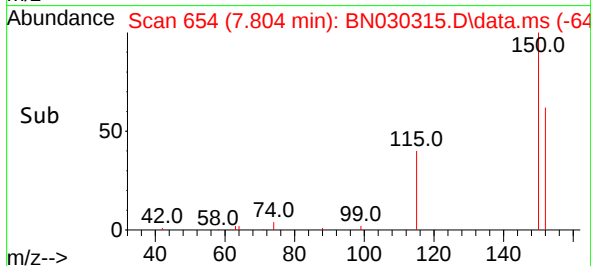
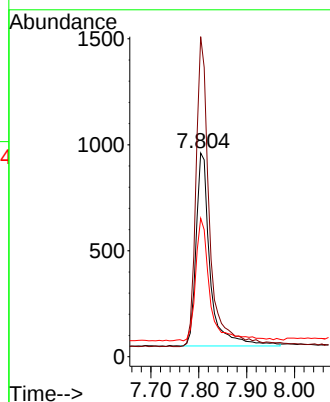


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN030315.D
 Acq: 07 Mar 2024 06:25

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20240222

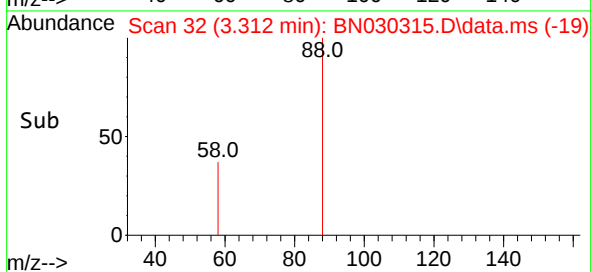
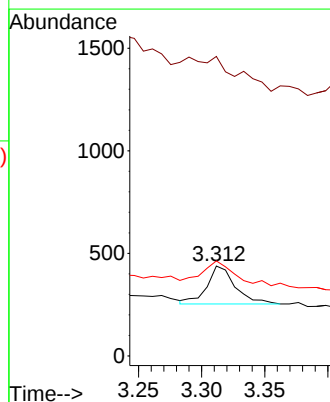
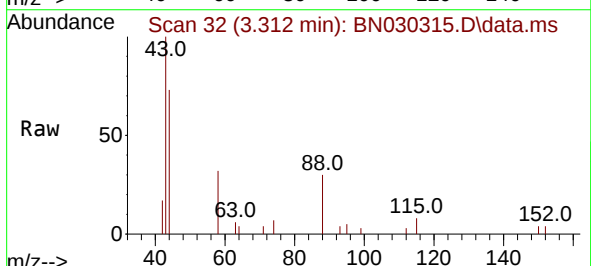


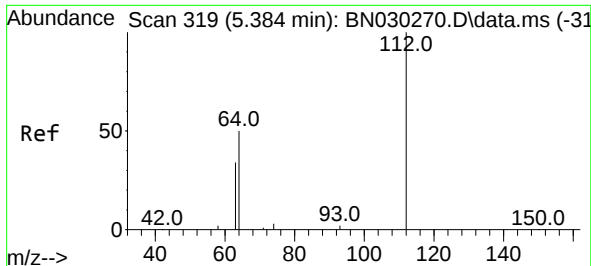
Tgt Ion:152 Resp: 1857
 Ion Ratio Lower Upper
 152 100
 150 157.1 119.4 179.0
 115 68.0 56.9 85.3



#2
 1,4-Dioxane
 Concen: 0.120 ng
 RT: 3.312 min Scan# 32
 Delta R.T. -0.007 min
 Lab File: BN030315.D
 Acq: 07 Mar 2024 06:25

Tgt Ion: 88 Resp: 290
 Ion Ratio Lower Upper
 88 100
 43 0.0 23.8 35.8#
 58 82.1 46.2 69.4#

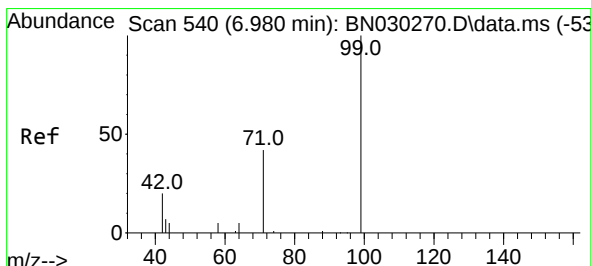
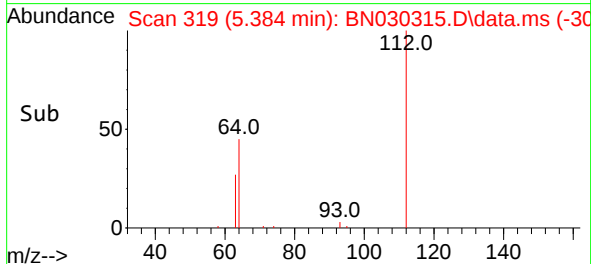
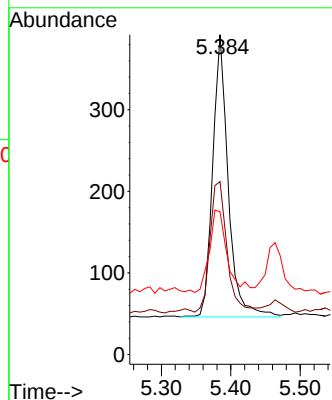
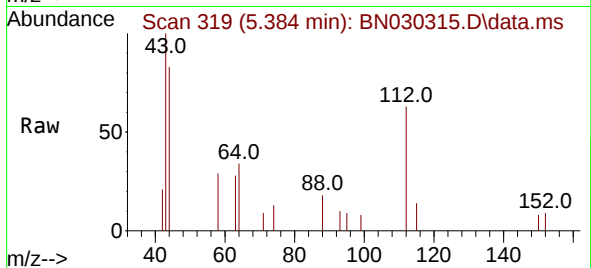




#4
2-Fluorophenol
Concen: 0.110 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN030315.D
Acq: 07 Mar 2024 06:25

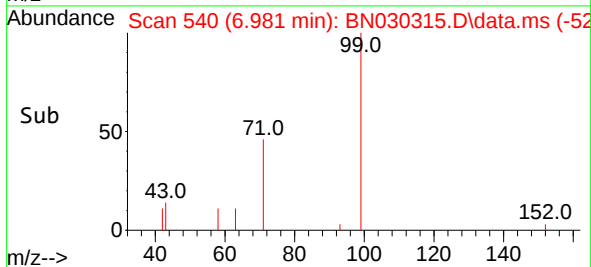
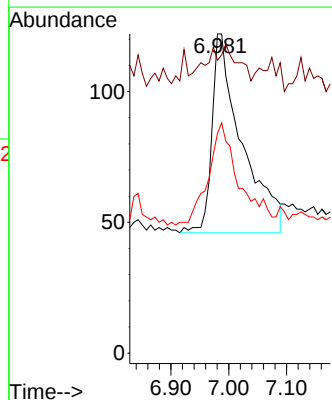
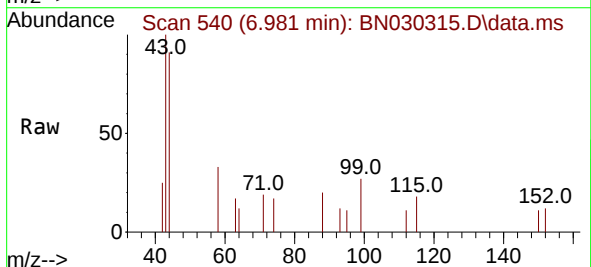
Instrument :
BNA_N
ClientSampleId :
RE139D2-20240222

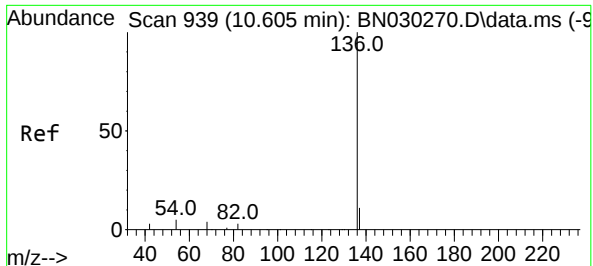
Tgt Ion:112 Resp: 537
Ion Ratio Lower Upper
112 100
64 50.3 41.8 62.8
63 33.1 27.1 40.7



#5
Phenol-d6
Concen: 0.053 ng
RT: 6.981 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN030315.D
Acq: 07 Mar 2024 06:25

Tgt Ion: 99 Resp: 273
Ion Ratio Lower Upper
99 100
42 4.4 19.0 28.6#
71 52.0 36.0 54.0

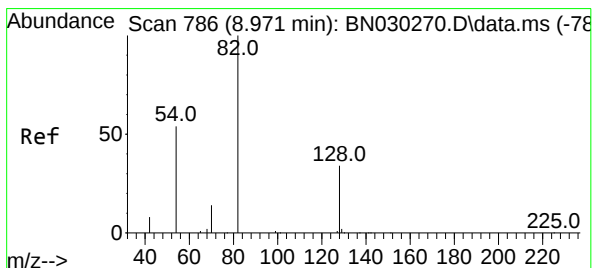
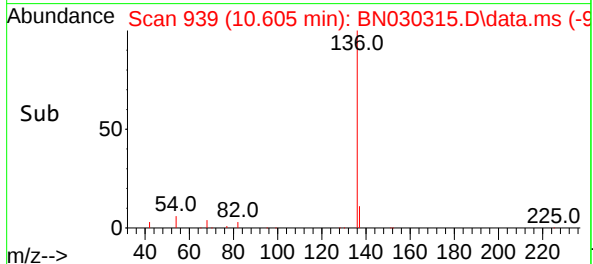
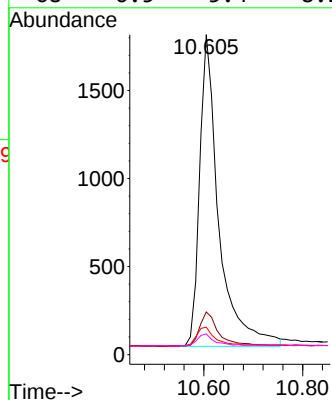
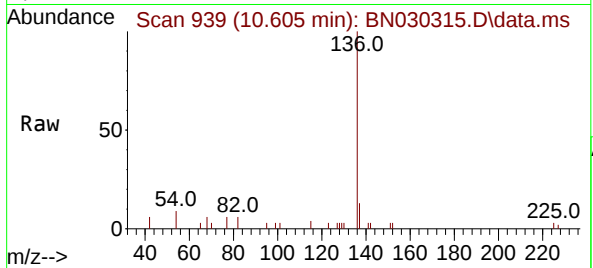




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN030315.D
Acq: 07 Mar 2024 06:25

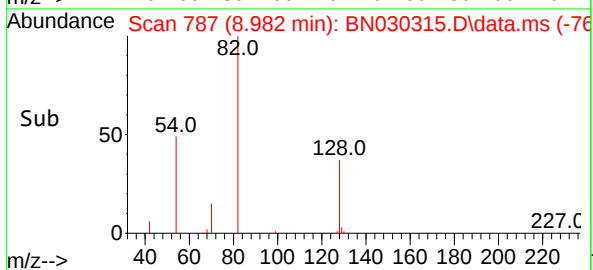
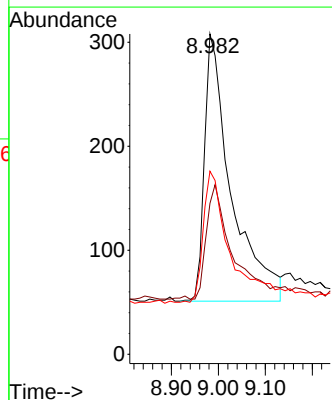
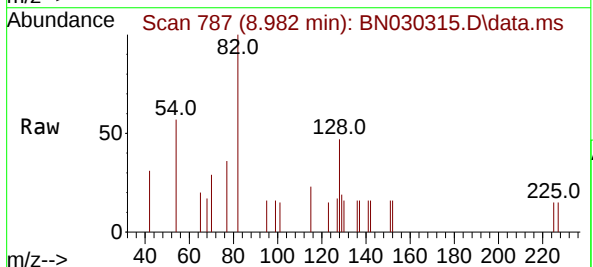
Instrument :
BNA_N
ClientSampleId :
RE139D2-20240222

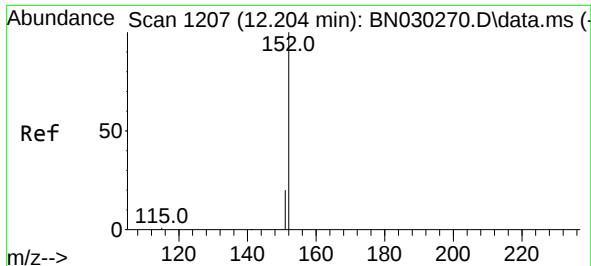
Tgt Ion:	136	Resp:	4758
Ion	Ratio	Lower	Upper
136	100		
137	13.3	10.5	15.7
54	8.6	6.4	9.6
68	6.5	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.234 ng
RT: 8.982 min Scan# 787
Delta R.T. 0.011 min
Lab File: BN030315.D
Acq: 07 Mar 2024 06:25

Tgt Ion:	82	Resp:	1017
Ion	Ratio	Lower	Upper
82	100		
128	47.1	32.2	48.2
54	57.1	47.3	70.9

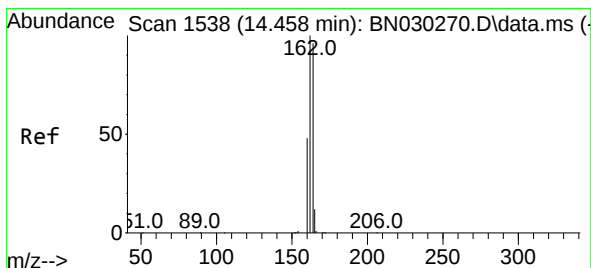
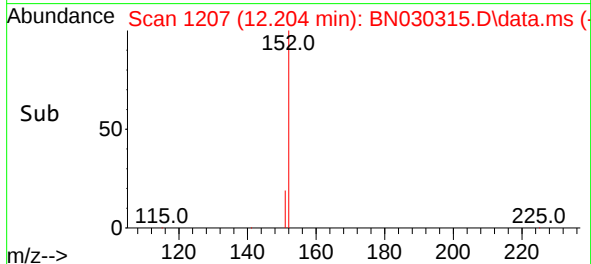
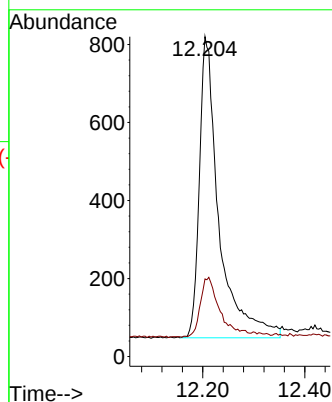
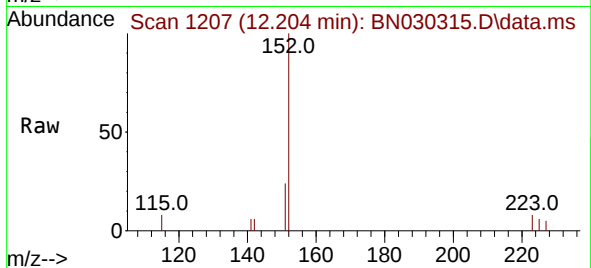




#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN030315.D
Acq: 07 Mar 2024 06:25

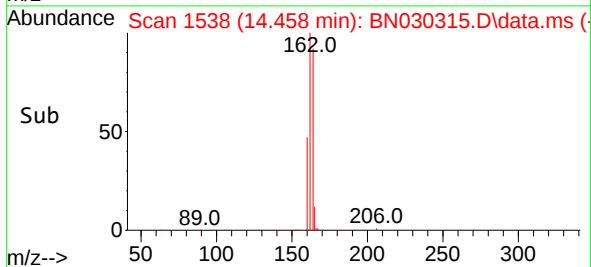
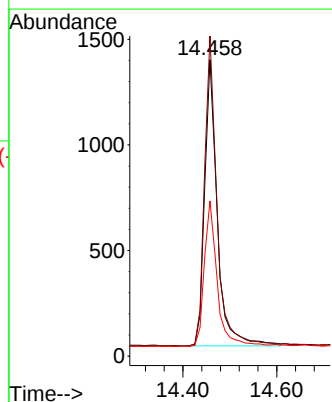
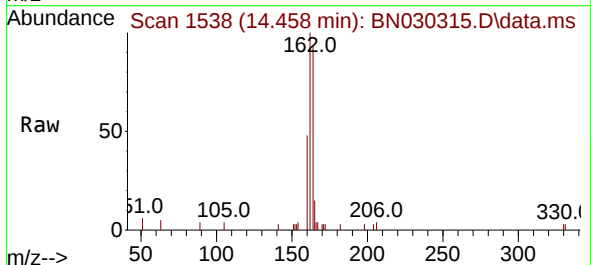
Instrument :
BNA_N
ClientSampleId :
RE139D2-20240222

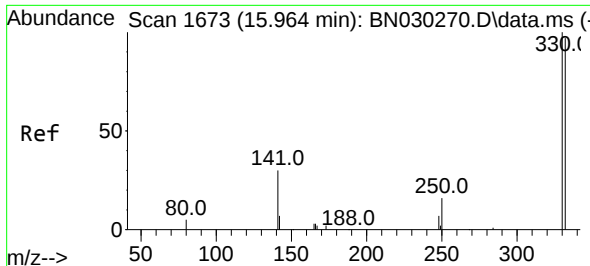
Tgt Ion:152 Resp: 2060
Ion Ratio Lower Upper
152 100
151 20.2 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.458 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BN030315.D
Acq: 07 Mar 2024 06:25

Tgt Ion:164 Resp: 2544
Ion Ratio Lower Upper
164 100
162 108.0 83.4 125.2
160 52.4 41.7 62.5

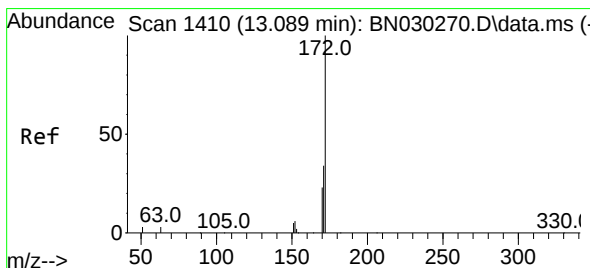
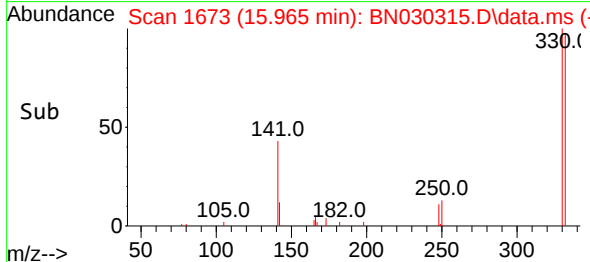
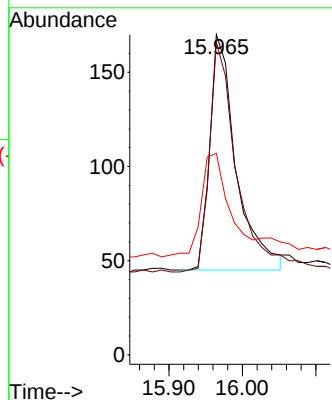
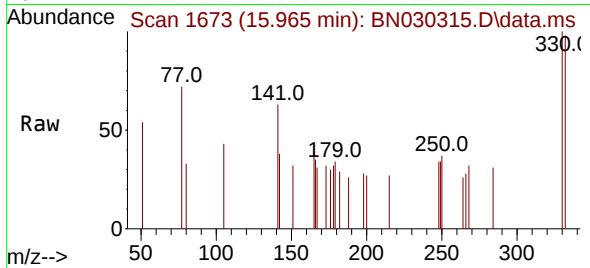




#14
2,4,6-Tribromophenol
Concen: 0.238 ng
RT: 15.965 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BN030315.D
Acq: 07 Mar 2024 06:25

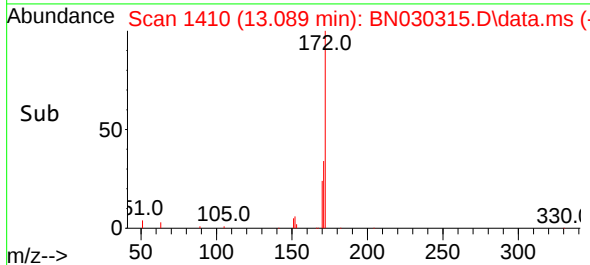
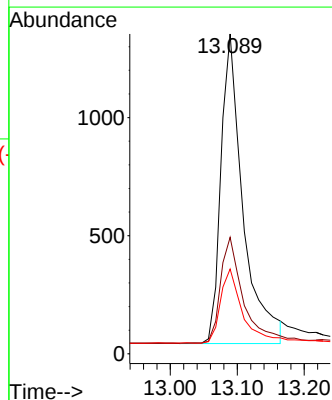
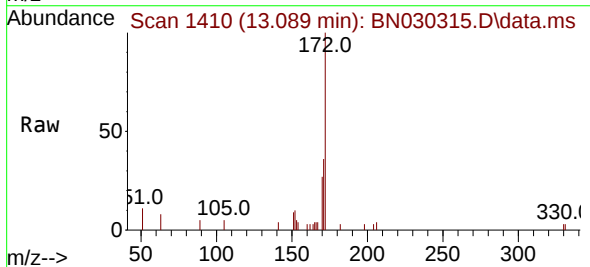
Instrument :
BNA_N
ClientSampleId :
RE139D2-20240222

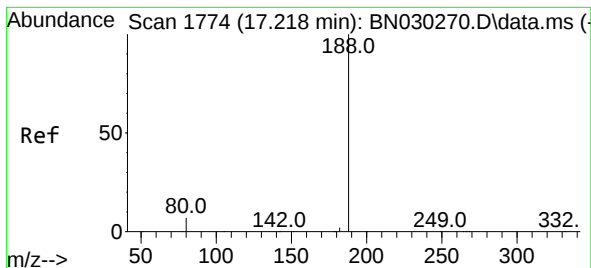
Tgt Ion: 330 Resp: 311
Ion Ratio Lower Upper
330 100
332 101.0 72.6 108.8
141 55.9 41.3 61.9



#15
2-Fluorobiphenyl
Concen: 0.284 ng
RT: 13.089 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BN030315.D
Acq: 07 Mar 2024 06:25

Tgt Ion: 172 Resp: 2999
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.4
170 26.5 20.2 30.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.218 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN030315.D

Acq: 07 Mar 2024 06:25

Instrument :

BNA_N

ClientSampleId :

RE139D2-20240222

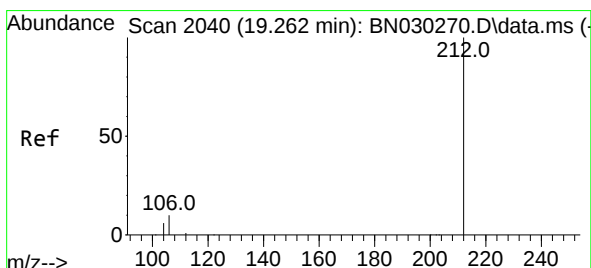
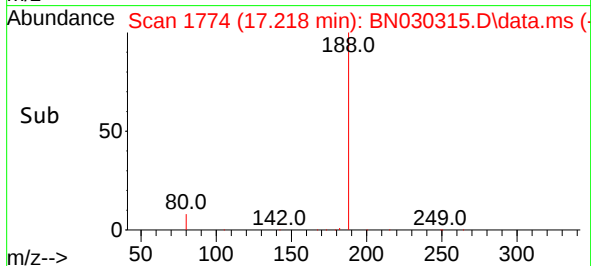
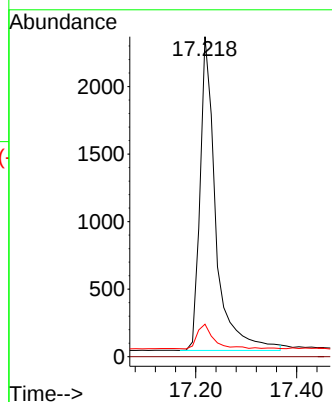
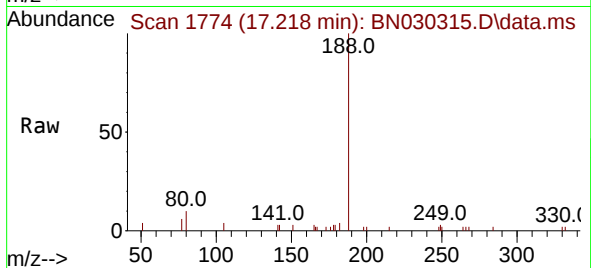
Tgt Ion:188 Resp: 5057

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.1 7.8 11.6



#27

Fluoranthene-d10

Concen: 0.332 ng

RT: 19.262 min Scan# 2040

Delta R.T. 0.000 min

Lab File: BN030315.D

Acq: 07 Mar 2024 06:25

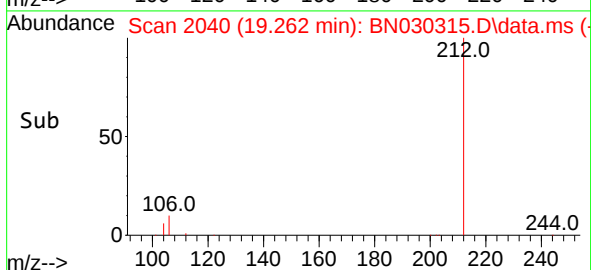
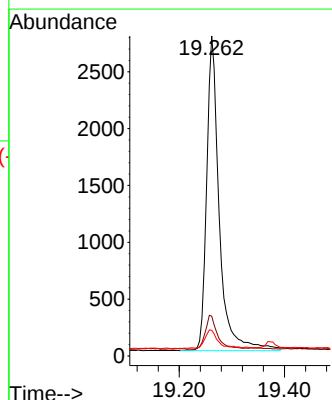
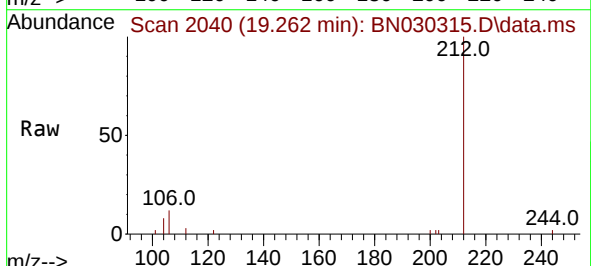
Tgt Ion:212 Resp: 4603

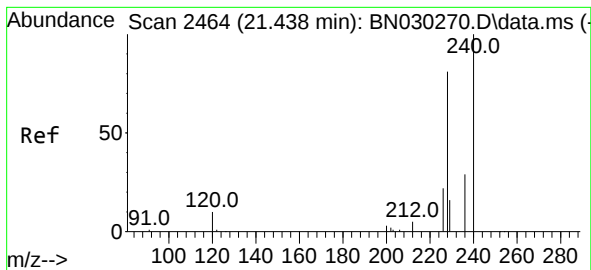
Ion Ratio Lower Upper

212 100

106 10.2 8.2 12.4

104 6.4 4.7 7.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.438 min Scan# 2464

Delta R.T. 0.000 min

Lab File: BN030315.D

Acq: 07 Mar 2024 06:25

Instrument :

BNA_N

ClientSampleId :

RE139D2-20240222

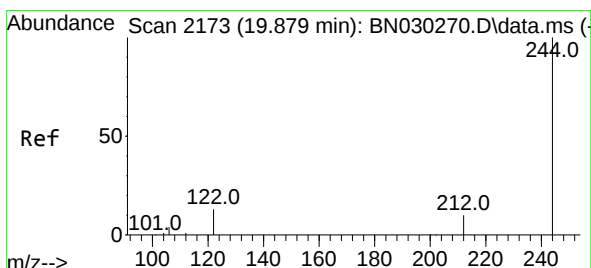
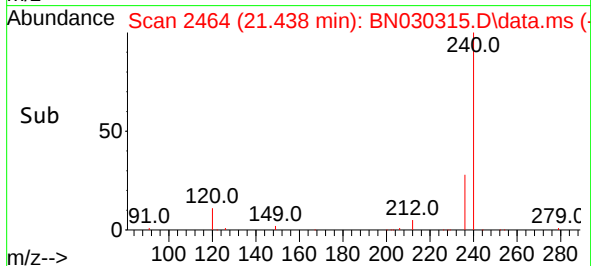
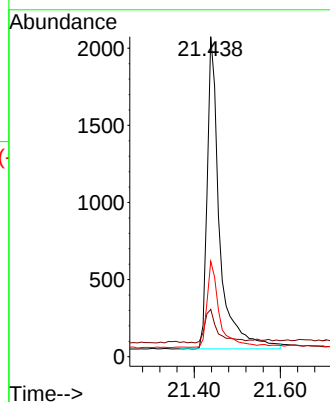
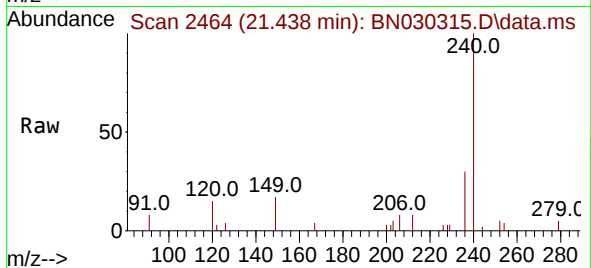
Tgt Ion:240 Resp: 4076

Ion Ratio Lower Upper

240 100

120 14.8 12.2 18.2

236 29.8 25.2 37.8



#31

Terphenyl-d14

Concen: 0.355 ng

RT: 19.875 min Scan# 2172

Delta R.T. -0.005 min

Lab File: BN030315.D

Acq: 07 Mar 2024 06:25

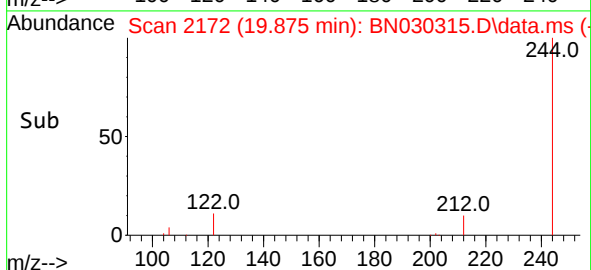
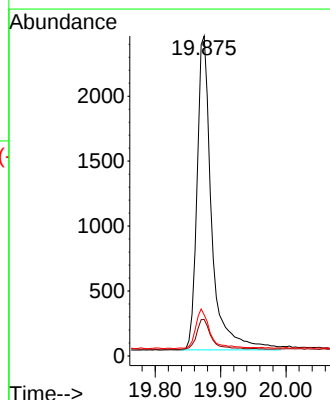
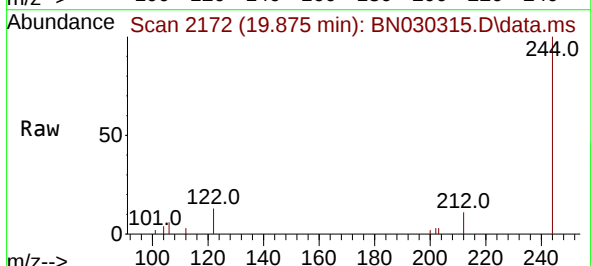
Tgt Ion:244 Resp: 3754

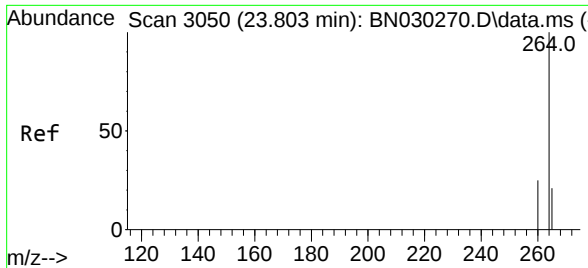
Ion Ratio Lower Upper

244 100

212 11.4 9.5 14.3

122 12.8 11.8 17.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.800 min Scan# 30
Delta R.T. -0.003 min
Lab File: BN030315.D
Acq: 07 Mar 2024 06:25

Instrument :
BNA_N
ClientSampleId :
RE139D2-20240222

Tgt Ion:	264	Resp:	4368
Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.7	32.5
265	61.5	50.8	76.2

