

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030724\
 Data File : BN030327.D
 Acq On : 07 Mar 2024 15:31
 Operator : MA/JU
 Sample : P1615-05
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20240226

Quant Time: Mar 07 16:14:12 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)

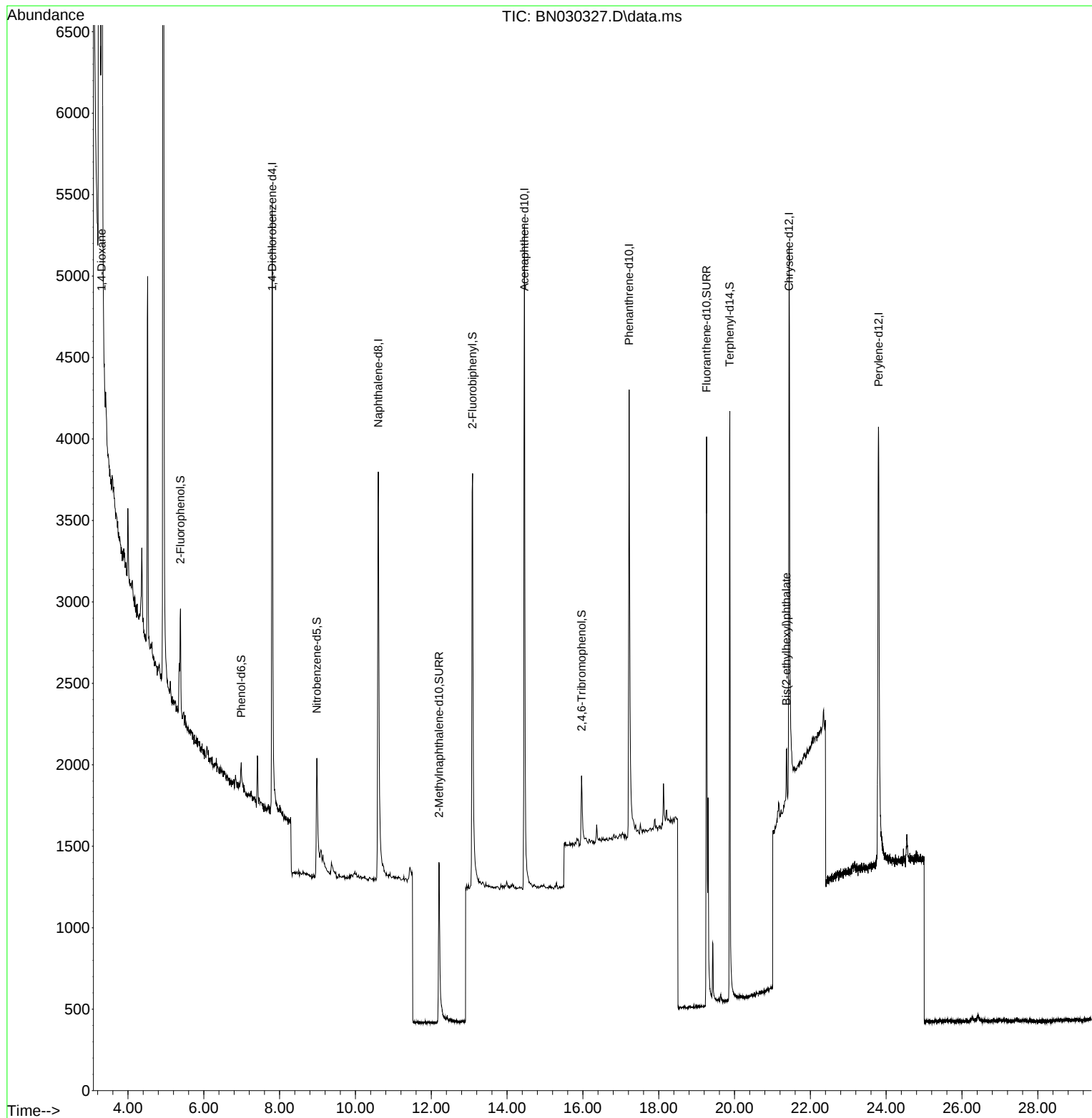
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	2006	0.400	ng	0.00
7) Naphthalene-d8	10.605	136	5169	0.400	ng	0.00
13) Acenaphthene-d10	14.458	164	2732	0.400	ng	0.00
19) Phenanthrene-d10	17.218	188	5309	0.400	ng	0.00
29) Chrysene-d12	21.438	240	4593	0.400	ng	0.00
35) Perylene-d12	23.800	264	5053	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	528	0.100	ng	0.00
5) Phenol-d6	6.988	99	243	0.044	ng	0.00
8) Nitrobenzene-d5	8.982	82	1125	0.238	ng	0.01
11) 2-Methylnaphthalene-d10	12.204	152	2216	0.295	ng	0.00
14) 2,4,6-Tribromophenol	15.965	330	348	0.248	ng	0.00
15) 2-Fluorobiphenyl	13.089	172	3308	0.292	ng	0.00
27) Fluoranthene-d10	19.262	212	5141	0.353	ng	0.00
31) Terphenyl-d14	19.875	244	4176	0.351	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	13228	5.084	ng	99
34) Bis(2-ethylhexyl)phtha...	21.367	149	427	0.033	ng	# 98

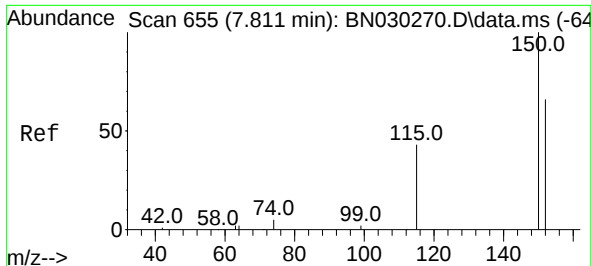
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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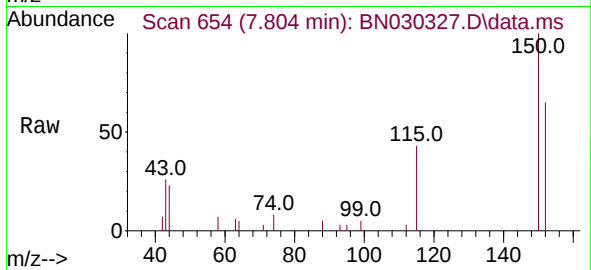
Quant Time: Mar 07 16:14:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
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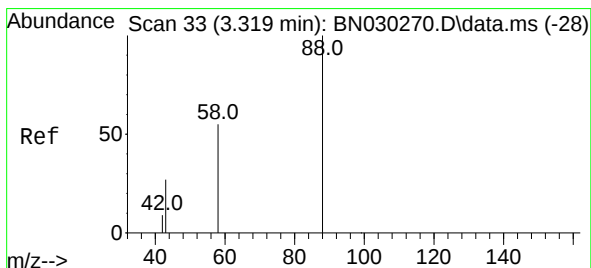
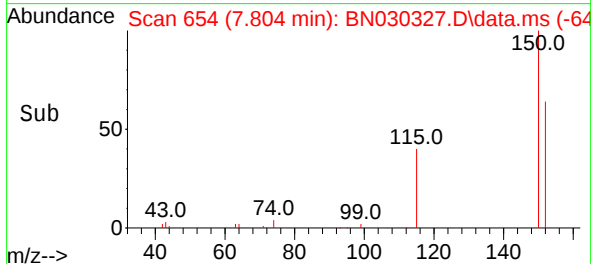
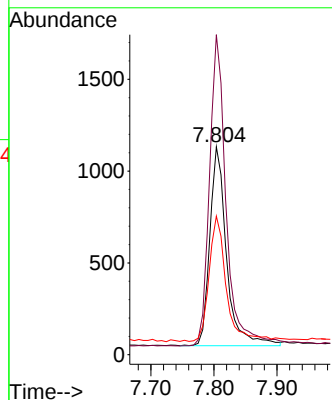
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN030327.D
 Acq: 07 Mar 2024 15:31

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20240226



Tgt Ion:152 Resp: 2006

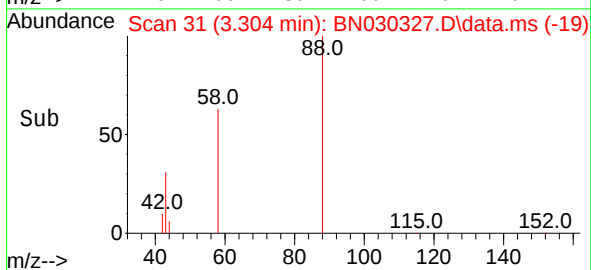
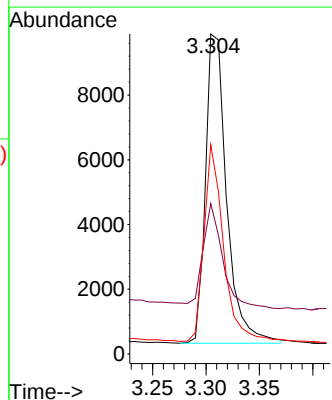
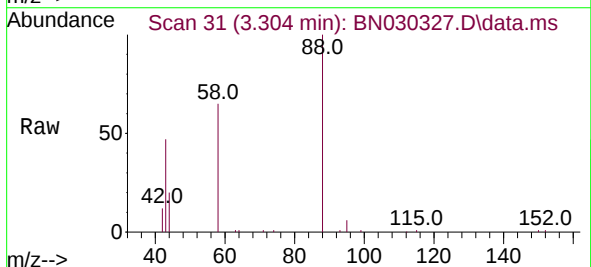
Ion	Ratio	Lower	Upper
152	100		
150	154.0	119.4	179.0
115	66.7	56.9	85.3

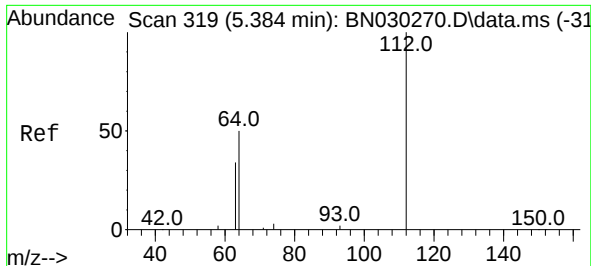


#2
 1,4-Dioxane
 Concen: 5.084 ng
 RT: 3.304 min Scan# 31
 Delta R.T. -0.014 min
 Lab File: BN030327.D
 Acq: 07 Mar 2024 15:31

Tgt Ion: 88 Resp: 13228

Ion	Ratio	Lower	Upper
88	100		
43	31.4	23.8	35.8
58	57.9	46.2	69.4





#4

2-Fluorophenol

Concen: 0.100 ng

RT: 5.384 min Scan# 319

Delta R.T. 0.000 min

Lab File: BN030327.D

Acq: 07 Mar 2024 15:31

Instrument :

BNA_N

ClientSampleId :

RE134D2-20240226

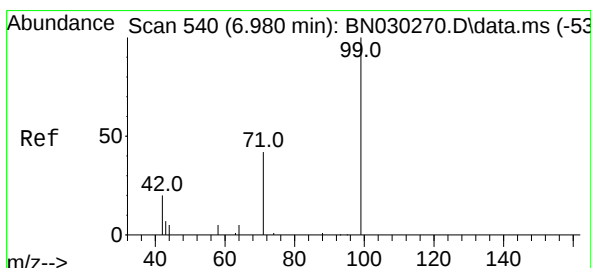
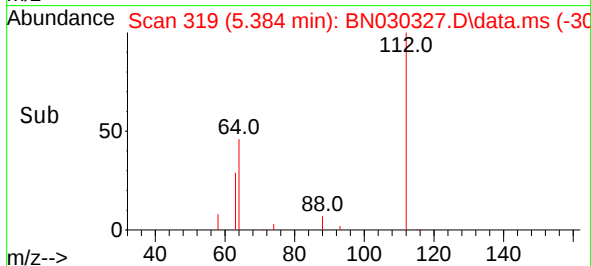
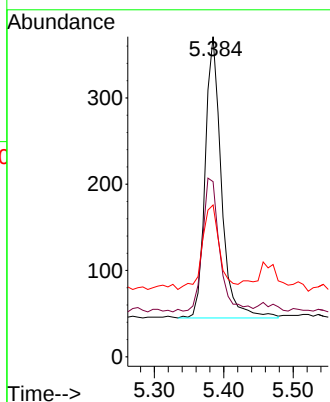
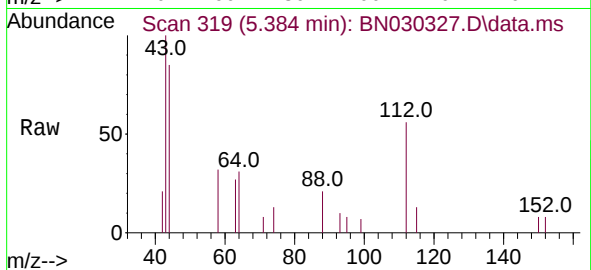
Tgt Ion:112 Resp: 528

Ion Ratio Lower Upper

112 100

64 50.9 41.8 62.8

63 32.0 27.1 40.7



#5

Phenol-d6

Concen: 0.044 ng

RT: 6.988 min Scan# 541

Delta R.T. 0.007 min

Lab File: BN030327.D

Acq: 07 Mar 2024 15:31

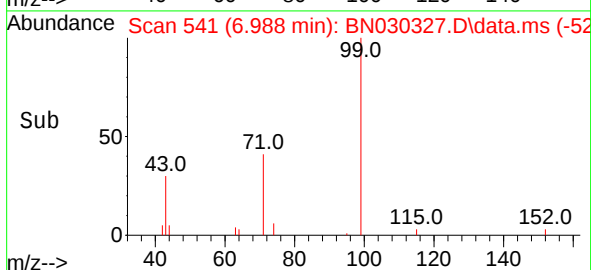
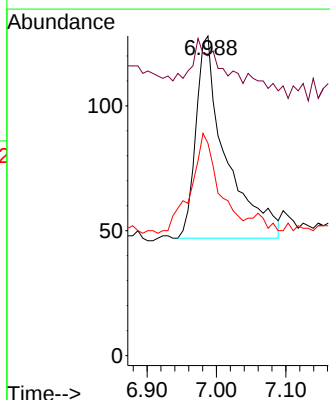
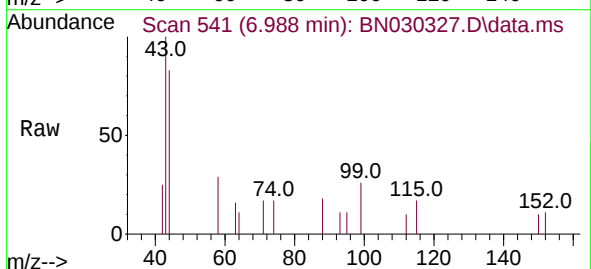
Tgt Ion: 99 Resp: 243

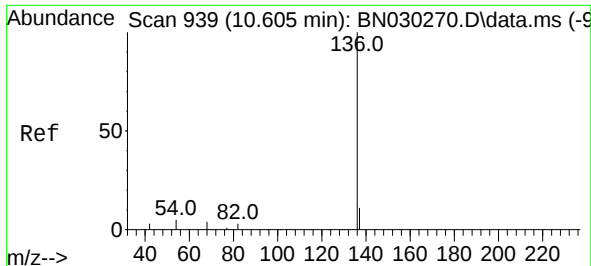
Ion Ratio Lower Upper

99 100

42 16.0 19.0 28.6#

71 46.5 36.0 54.0

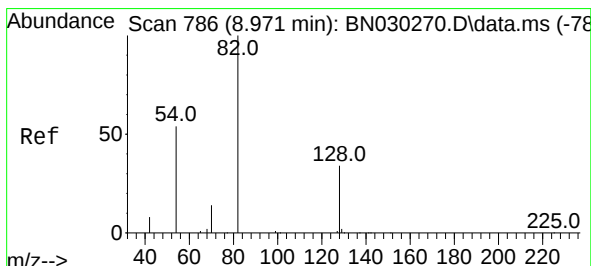
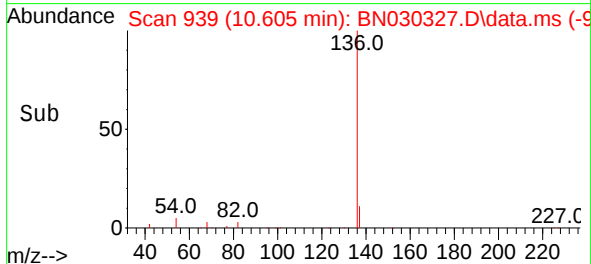
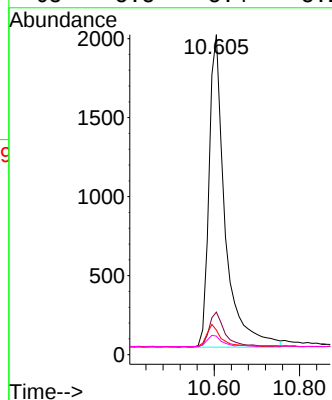
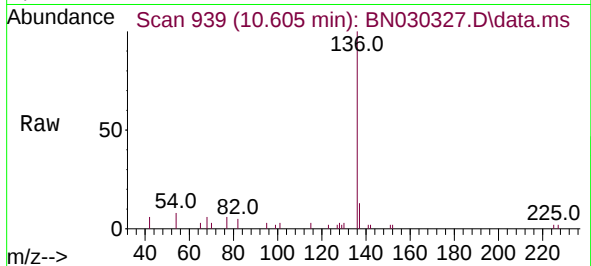




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN030327.D
Acq: 07 Mar 2024 15:31

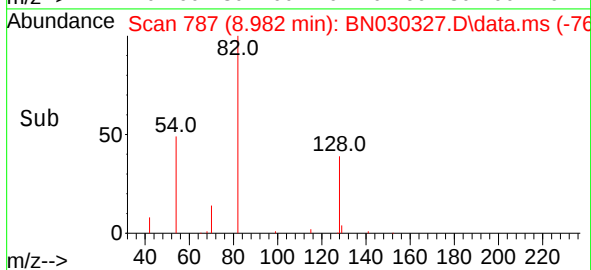
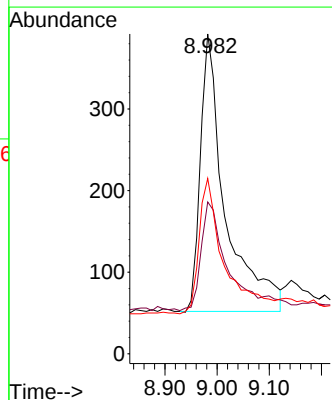
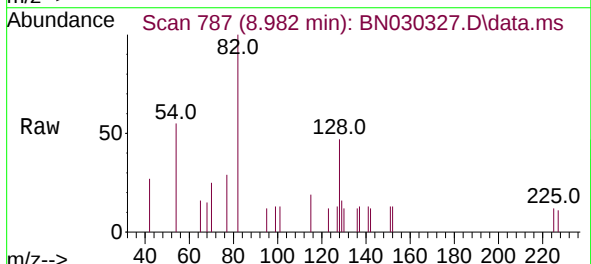
Instrument :
BNA_N
ClientSampleId :
RE134D2-20240226

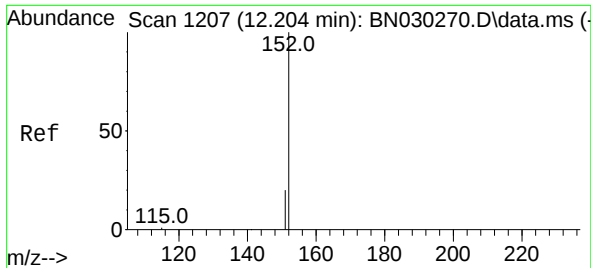
Tgt Ion:	136	Resp:	5169
Ion	Ratio	Lower	Upper
136	100		
137	13.3	10.5	15.7
54	7.7	6.4	9.6
68	5.8	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.238 ng
RT: 8.982 min Scan# 787
Delta R.T. 0.011 min
Lab File: BN030327.D
Acq: 07 Mar 2024 15:31

Tgt Ion:	82	Resp:	1125
Ion	Ratio	Lower	Upper
82	100		
128	47.4	32.2	48.2
54	54.8	47.3	70.9

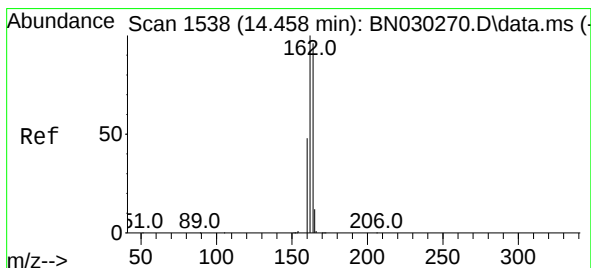
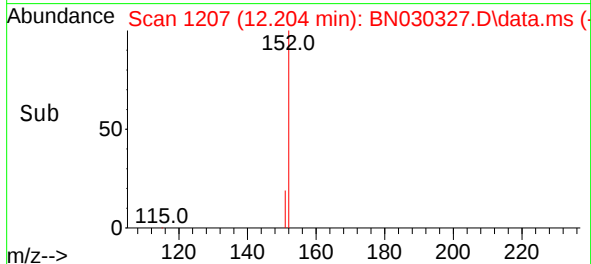
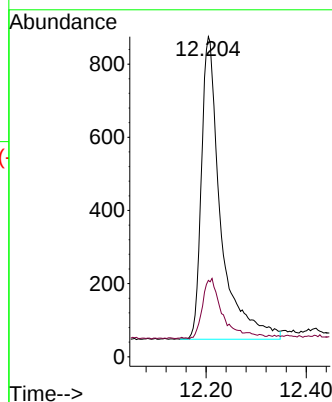
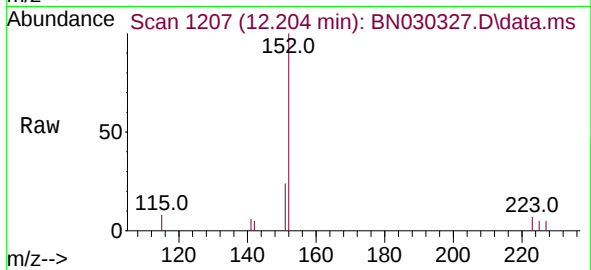




#11
2-Methylnaphthalene-d10
Concen: 0.295 ng
RT: 12.204 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BN030327.D
Acq: 07 Mar 2024 15:31

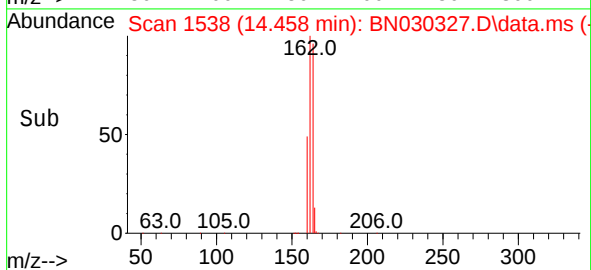
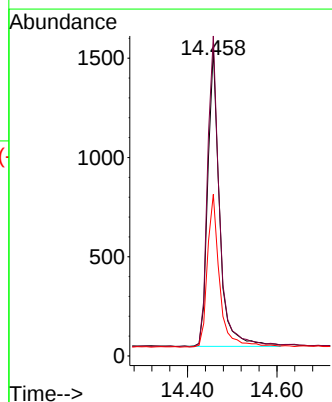
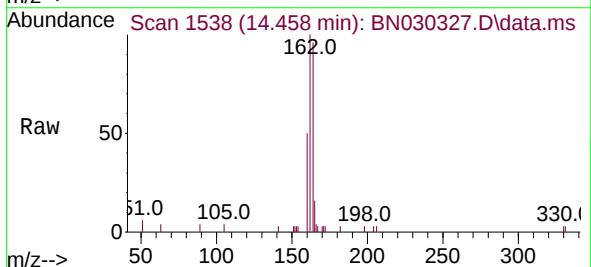
Instrument :
BNA_N
ClientSampleId :
RE134D2-20240226

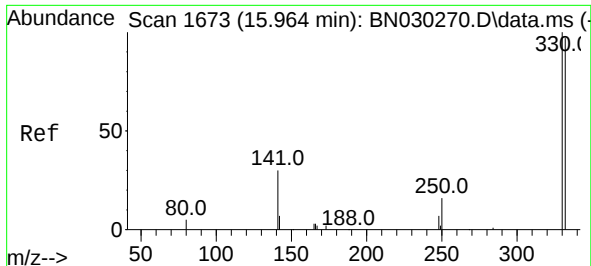
Tgt Ion:152 Resp: 2216
Ion Ratio Lower Upper
152 100
151 19.7 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.458 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BN030327.D
Acq: 07 Mar 2024 15:31

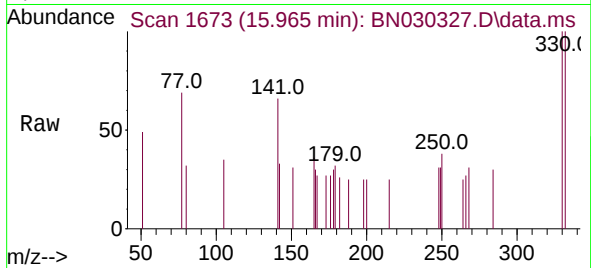
Tgt Ion:164 Resp: 2732
Ion Ratio Lower Upper
164 100
162 104.3 83.4 125.2
160 52.7 41.7 62.5



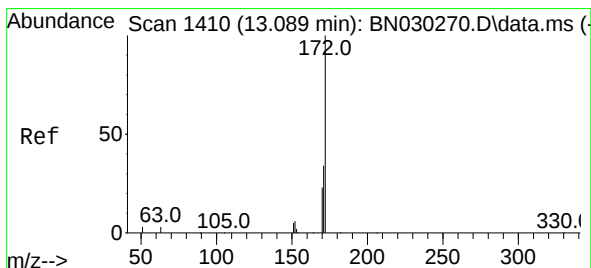
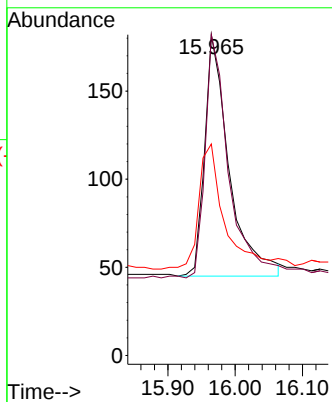
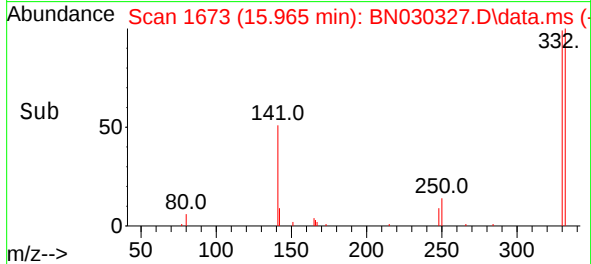


#14
2,4,6-Tribromophenol
Concen: 0.248 ng
RT: 15.965 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BN030327.D
Acq: 07 Mar 2024 15:31

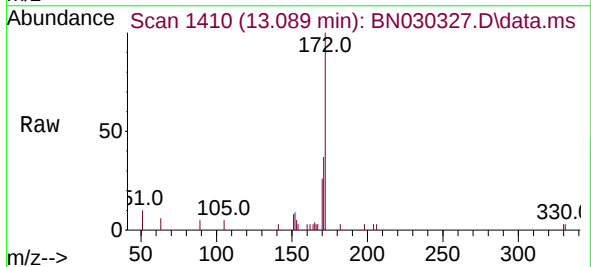
Instrument :
BNA_N
ClientSampleId :
RE134D2-20240226



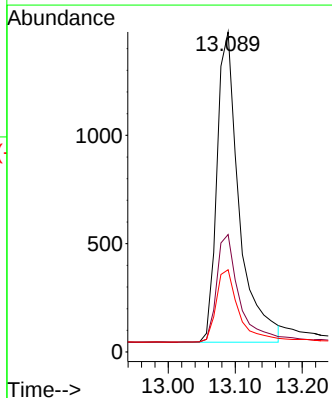
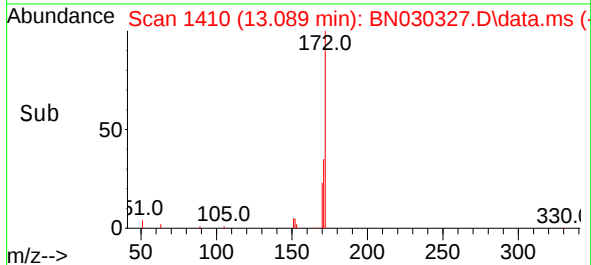
Tgt Ion:330 Resp: 348
Ion Ratio Lower Upper
330 100
332 97.7 72.6 108.8
141 53.7 41.3 61.9

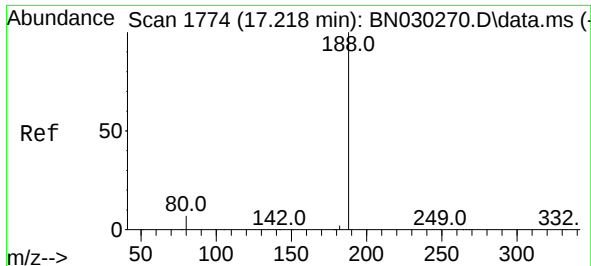


#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 13.089 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BN030327.D
Acq: 07 Mar 2024 15:31



Tgt Ion:172 Resp: 3308
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.4
170 25.7 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: BN030327.D

Acq: 07 Mar 2024 15:31

Instrument :

BNA_N

ClientSampleId :

RE134D2-20240226

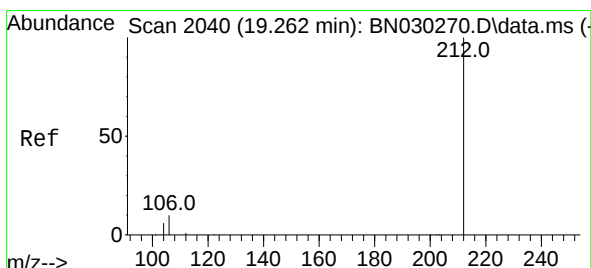
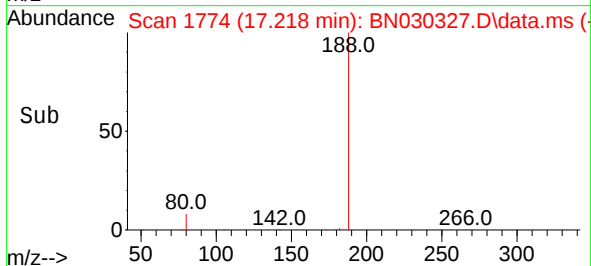
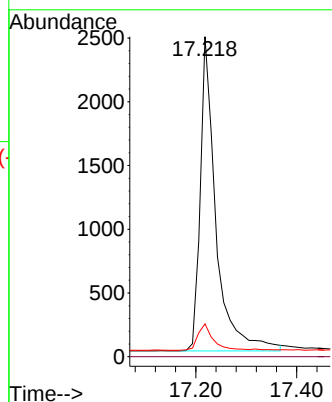
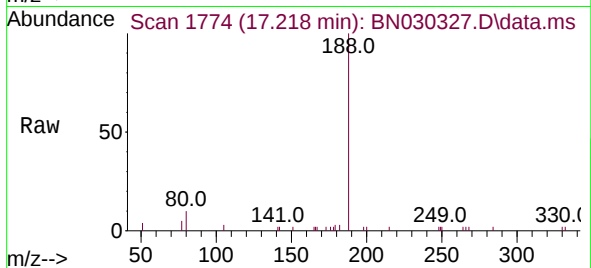
Tgt Ion:188 Resp: 5309

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 7.8 11.6



#27

Fluoranthene-d10

Concen: 0.353 ng

RT: 19.262 min Scan# 2040

Delta R.T. 0.000 min

Lab File: BN030327.D

Acq: 07 Mar 2024 15:31

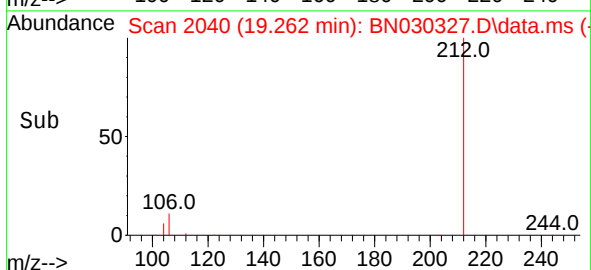
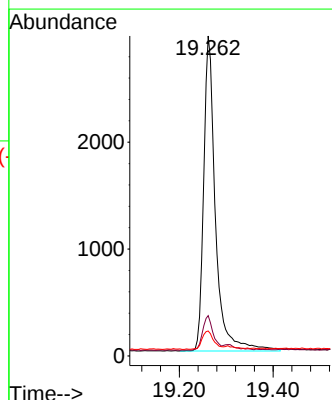
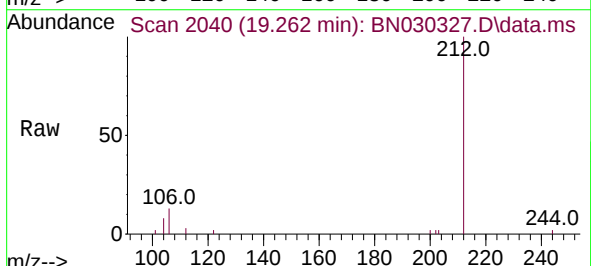
Tgt Ion:212 Resp: 5141

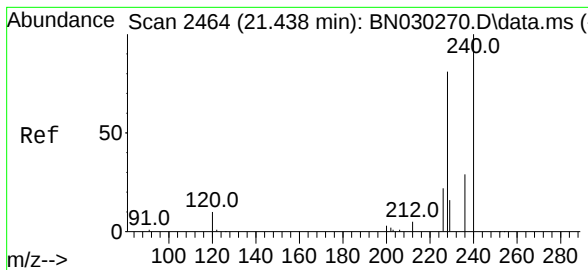
Ion Ratio Lower Upper

212 100

106 9.7 8.2 12.4

104 5.9 4.7 7.1

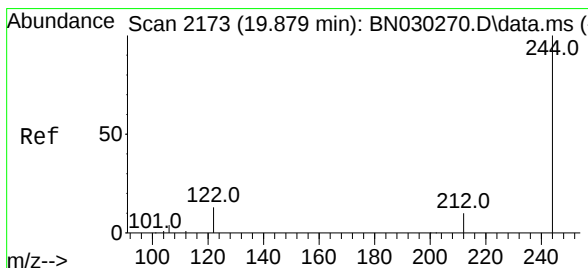
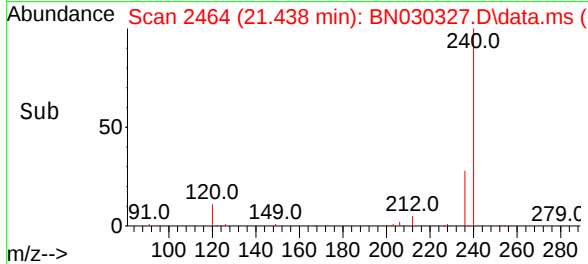
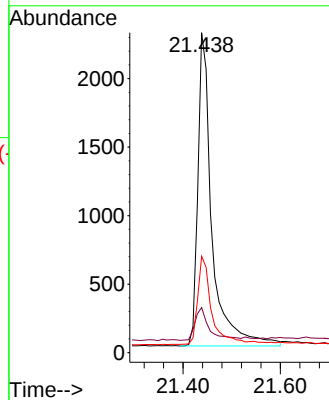
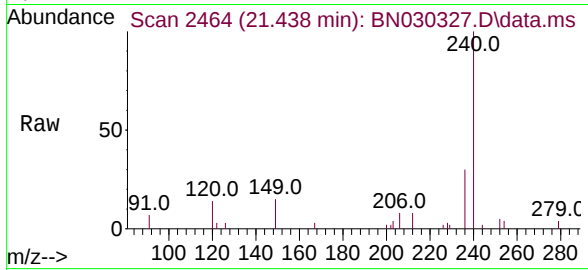




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.438 min Scan# 2464
Delta R.T. 0.000 min
Lab File: BN030327.D
Acq: 07 Mar 2024 15:31

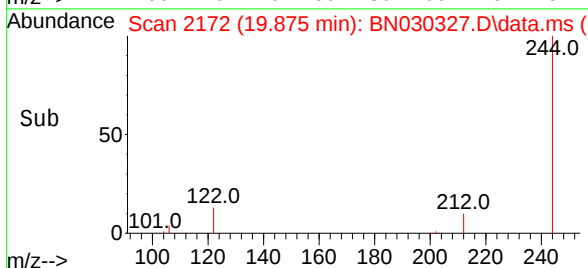
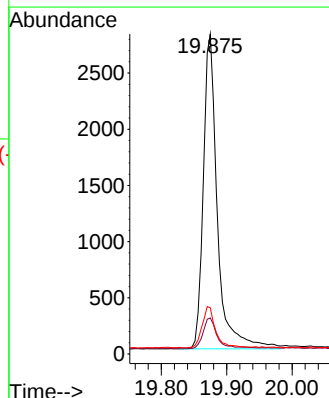
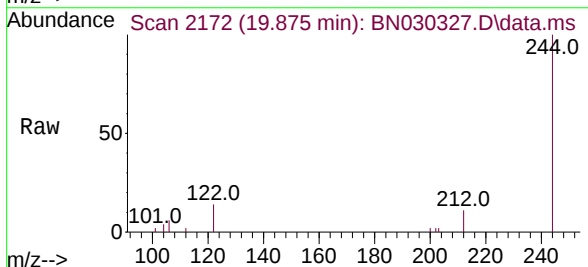
Instrument :
BNA_N
ClientSampleId :
RE134D2-20240226

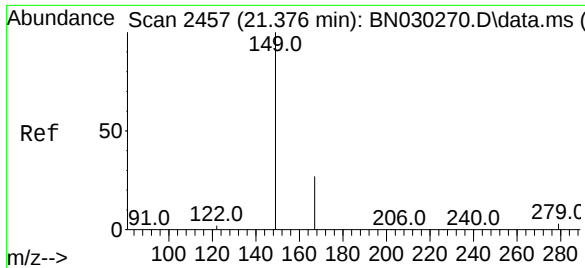
Tgt Ion:240 Resp: 4593
Ion Ratio Lower Upper
240 100
120 14.1 12.2 18.2
236 30.1 25.2 37.8



#31
Terphenyl-d14
Concen: 0.351 ng
RT: 19.875 min Scan# 2172
Delta R.T. -0.005 min
Lab File: BN030327.D
Acq: 07 Mar 2024 15:31

Tgt Ion:244 Resp: 4176
Ion Ratio Lower Upper
244 100
212 11.3 9.5 14.3
122 14.5 11.8 17.6

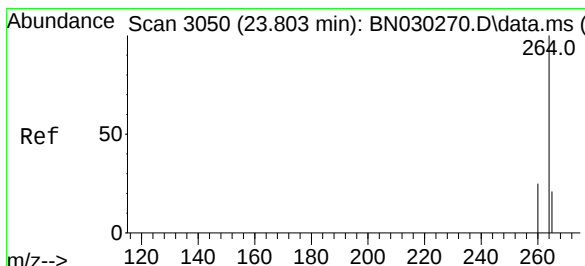
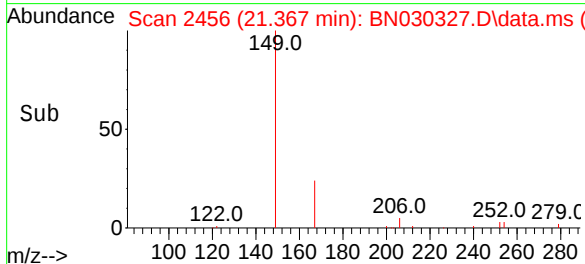
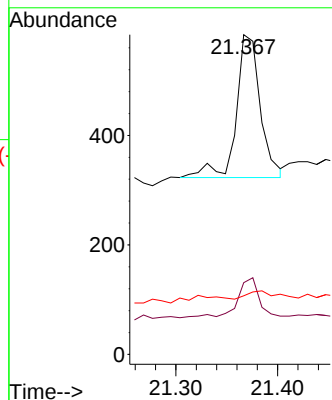
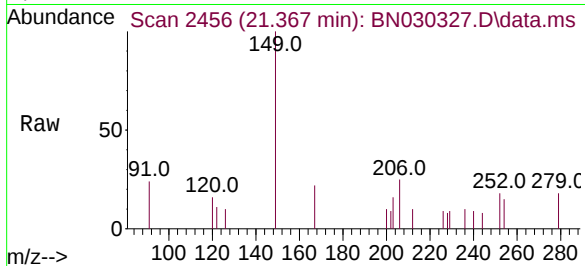




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.033 ng
 RT: 21.367 min Scan# 2456
 Delta R.T. -0.009 min
 Lab File: BN030327.D
 Acq: 07 Mar 2024 15:31

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20240226

Tgt Ion:149 Resp: 427
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.6 30.8
 279 8.4 4.0 6.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.800 min Scan# 3049
 Delta R.T. -0.003 min
 Lab File: BN030327.D
 Acq: 07 Mar 2024 15:31

Tgt Ion:264 Resp: 5053
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.7 32.5
 265 55.1 50.8 76.2

