

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030624\
 Data File : BN030301.D
 Acq On : 06 Mar 2024 20:11
 Operator : MA/JU
 Sample : P1590-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20240222

Quant Time: Mar 06 23:10:06 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)

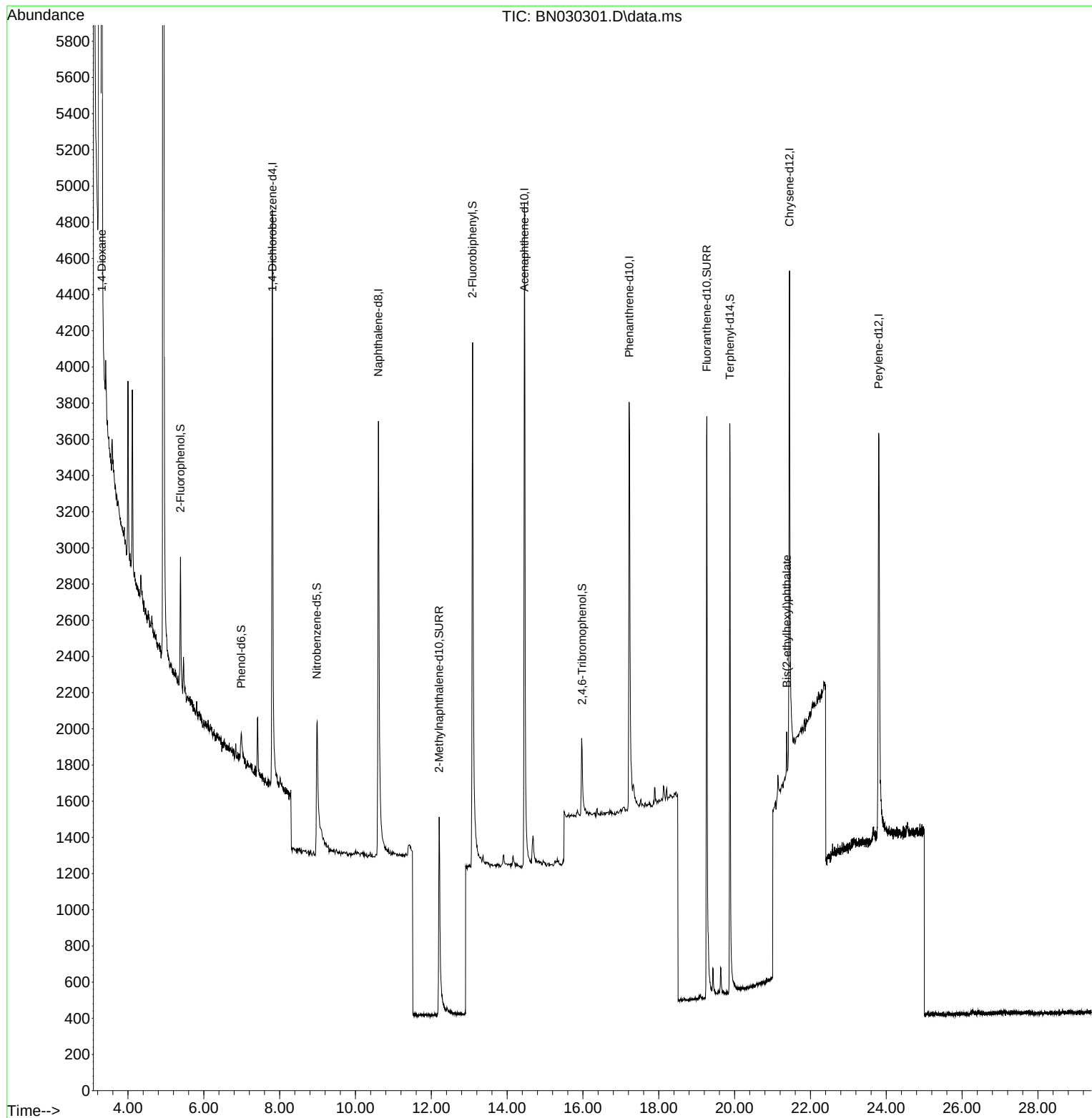
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	1966	0.400	ng	0.00
7) Naphthalene-d8	10.605	136	5042	0.400	ng	0.00
13) Acenaphthene-d10	14.457	164	2656	0.400	ng	0.00
19) Phenanthrene-d10	17.218	188	5192	0.400	ng	0.00
29) Chrysene-d12	21.447	240	3810	0.400	ng	0.00
35) Perylene-d12	23.800	264	4149	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	614	0.119	ng	0.00
5) Phenol-d6	6.988	99	296	0.055	ng	0.00
8) Nitrobenzene-d5	8.982	82	1284	0.279	ng	0.01
11) 2-Methylnaphthalene-d10	12.208	152	2553	0.349	ng	0.00
14) 2,4,6-Tribromophenol	15.977	330	371	0.272	ng	0.01
15) 2-Fluorobiphenyl	13.089	172	3684	0.334	ng	0.00
27) Fluoranthene-d10	19.266	212	4876	0.342	ng	0.00
31) Terphenyl-d14	19.875	244	3869	0.392	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.311	88	3080	1.208	ng	Qvalue # 93
34) Bis(2-ethylhexyl)phtha...	21.375	149	286	0.027	ng	97

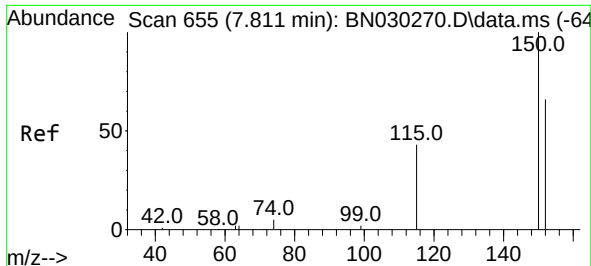
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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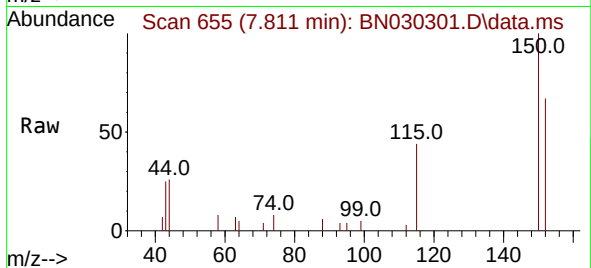
Quant Time: Mar 06 23:10:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 17:44:16 2024
Response via : Initial Calibration





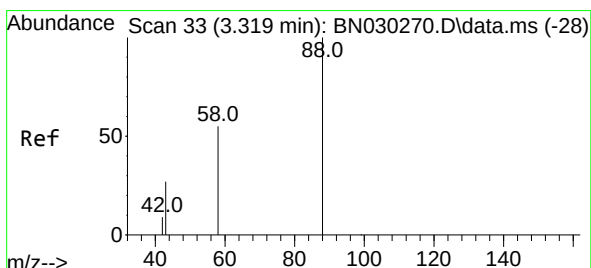
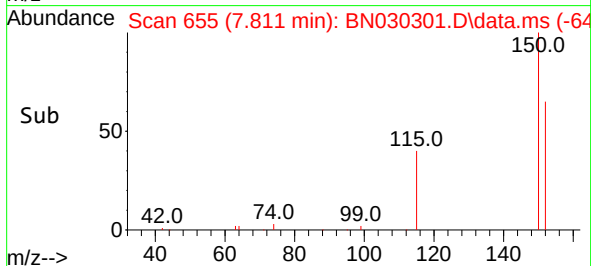
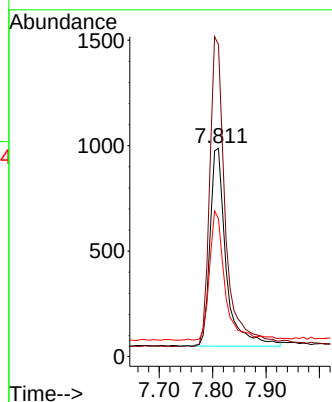
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.811 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN030301.D
 Acq: 06 Mar 2024 20:11

Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20240222



Tgt Ion: 152 Resp: 1966

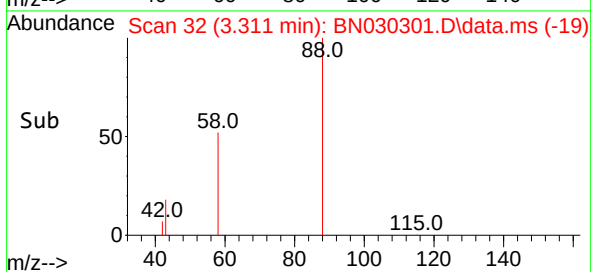
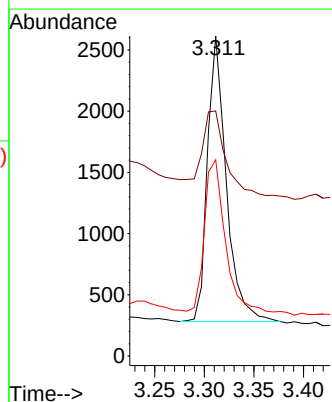
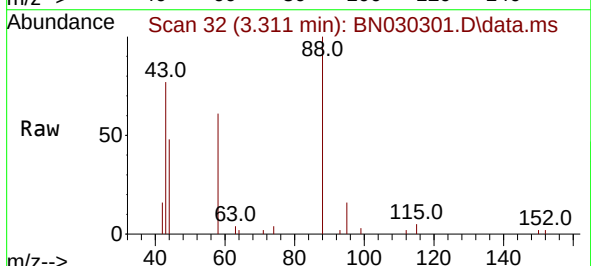
Ion	Ratio	Lower	Upper
152	100		
150	149.8	119.4	179.0
115	66.2	56.9	85.3

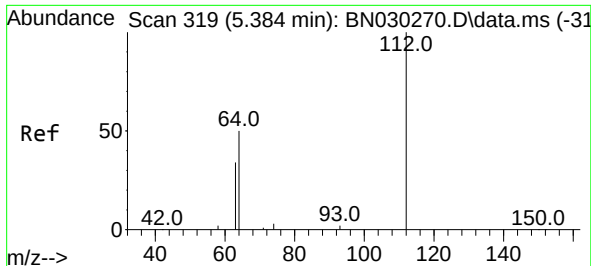


#2
 1,4-Dioxane
 Concen: 1.208 ng
 RT: 3.311 min Scan# 32
 Delta R.T. -0.007 min
 Lab File: BN030301.D
 Acq: 06 Mar 2024 20:11

Tgt Ion: 88 Resp: 3080

Ion	Ratio	Lower	Upper
88	100		
43	39.9	23.8	35.8
58	58.1	46.2	69.4

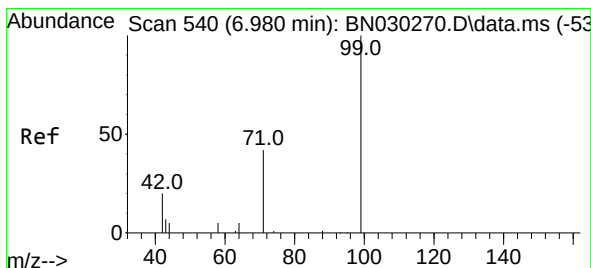
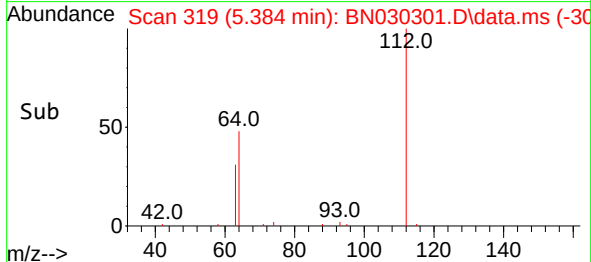
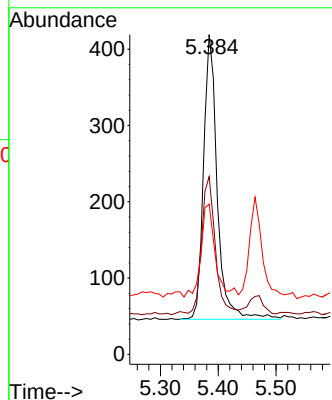
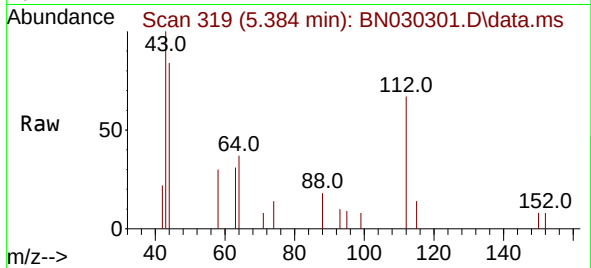




#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN030301.D
Acq: 06 Mar 2024 20:11

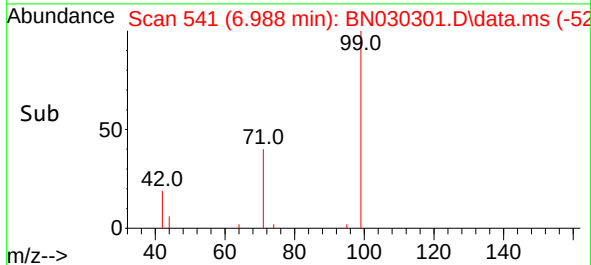
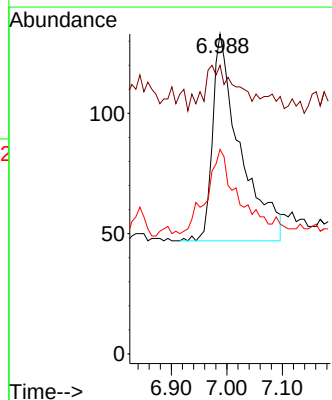
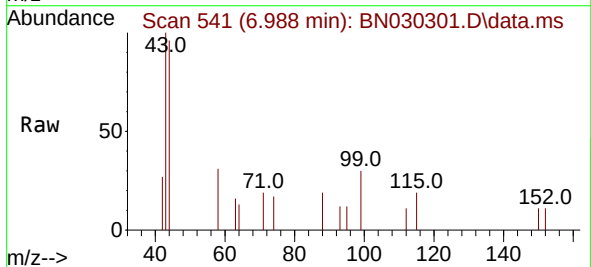
Instrument :
BNA_N
ClientSampleId :
RE139D1-20240222

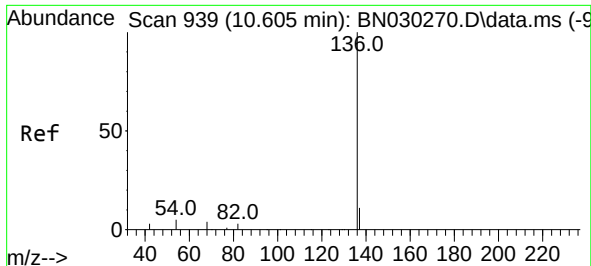
Tgt Ion:	112	Resp:	614
Ion	Ratio	Lower	Upper
112	100		
64	49.5	41.8	62.8
63	32.9	27.1	40.7



#5
Phenol-d6
Concen: 0.055 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN030301.D
Acq: 06 Mar 2024 20:11

Tgt Ion:	99	Resp:	296
Ion	Ratio	Lower	Upper
99	100		
42	24.7	19.0	28.6
71	45.9	36.0	54.0

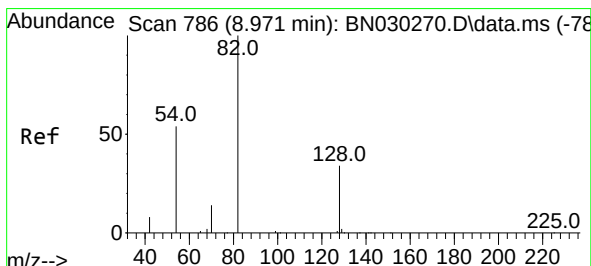
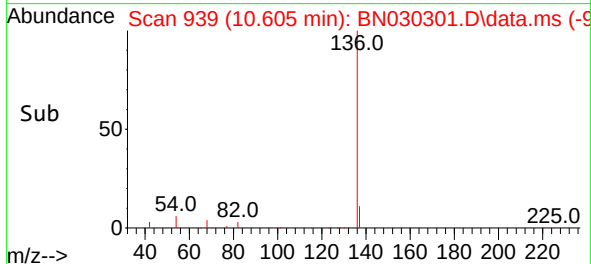
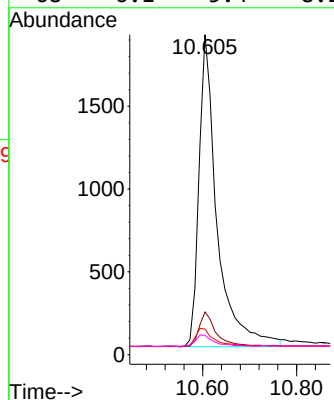
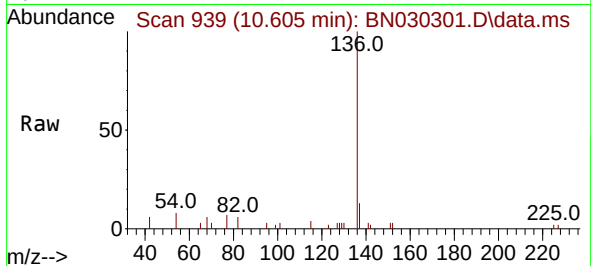




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN030301.D
Acq: 06 Mar 2024 20:11

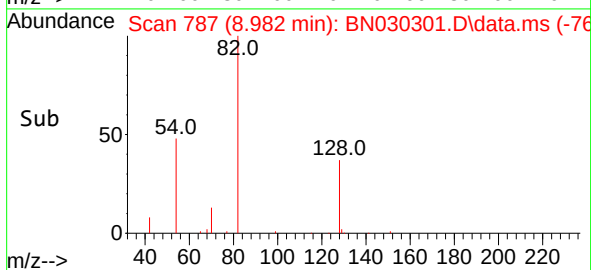
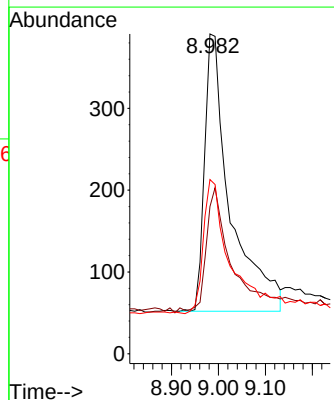
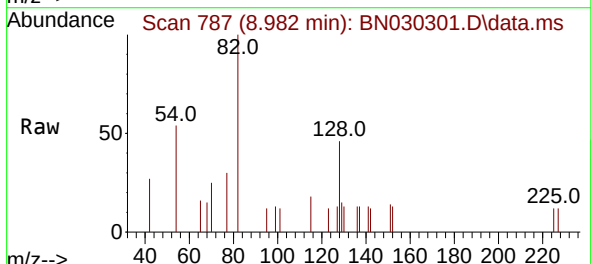
Instrument :
BNA_N
ClientSampleId :
RE139D1-20240222

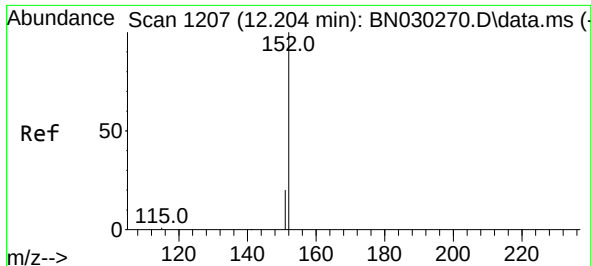
Tgt Ion:	136	Resp:	5042
Ion	Ratio	Lower	Upper
136	100		
137	13.4	10.5	15.7
54	8.0	6.4	9.6
68	6.1	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.279 ng
RT: 8.982 min Scan# 787
Delta R.T. 0.011 min
Lab File: BN030301.D
Acq: 06 Mar 2024 20:11

Tgt Ion:	82	Resp:	1284
Ion	Ratio	Lower	Upper
82	100		
128	46.0	32.2	48.2
54	54.5	47.3	70.9





#11

2-Methylnaphthalene-d10

Concen: 0.349 ng

RT: 12.208 min Scan# 1208

Delta R.T. 0.004 min

Lab File: BN030301.D

Acq: 06 Mar 2024 20:11

Instrument :

BNA_N

ClientSampleId :

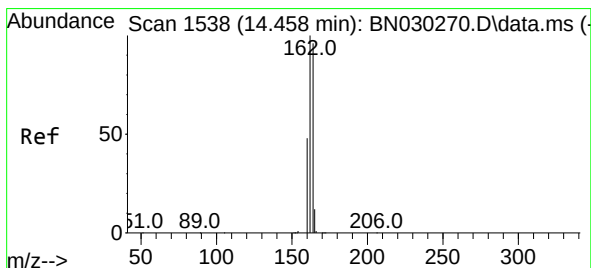
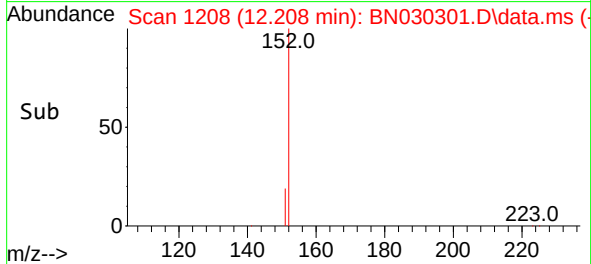
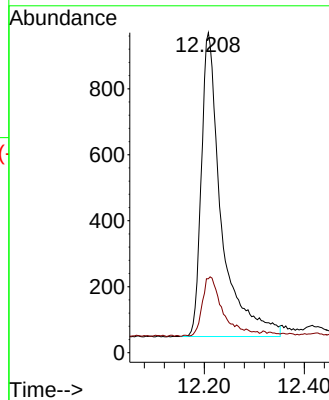
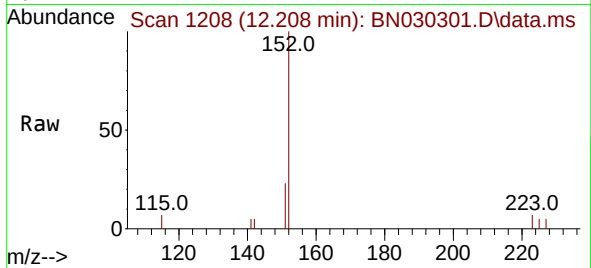
RE139D1-20240222

Tgt Ion:152 Resp: 2553

Ion Ratio Lower Upper

152 100

151 19.9 16.7 25.1



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.457 min Scan# 1538

Delta R.T. -0.000 min

Lab File: BN030301.D

Acq: 06 Mar 2024 20:11

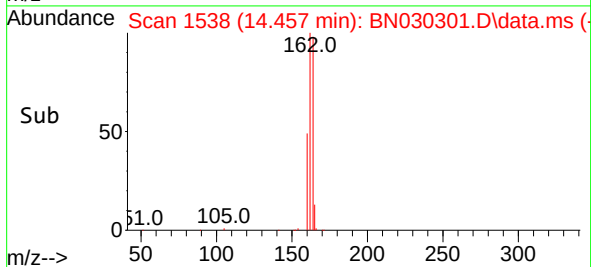
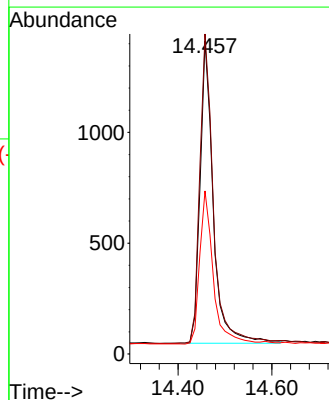
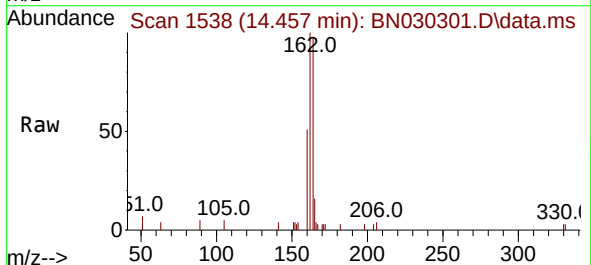
Tgt Ion:164 Resp: 2656

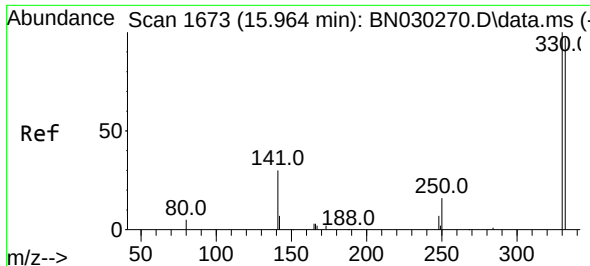
Ion Ratio Lower Upper

164 100

162 102.3 83.4 125.2

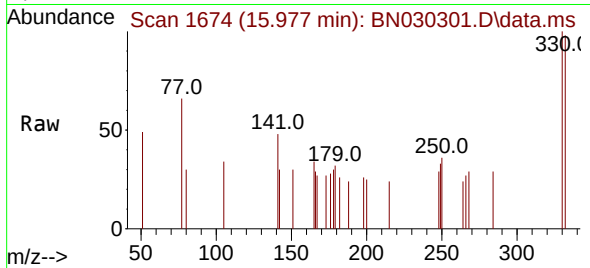
160 52.1 41.7 62.5



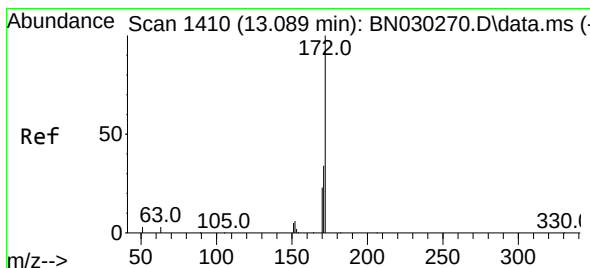
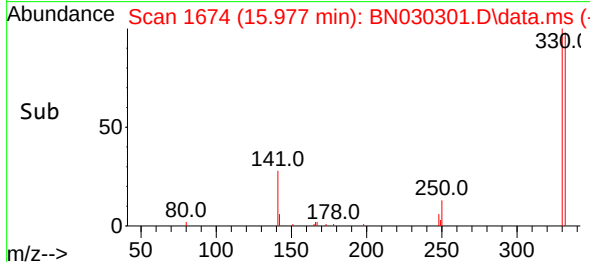
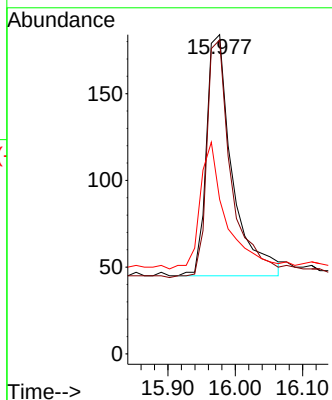


#14
2,4,6-Tribromophenol
Concen: 0.272 ng
RT: 15.977 min Scan# 1674
Delta R.T. 0.012 min
Lab File: BN030301.D
Acq: 06 Mar 2024 20:11

Instrument :
BNA_N
ClientSampleId :
RE139D1-20240222

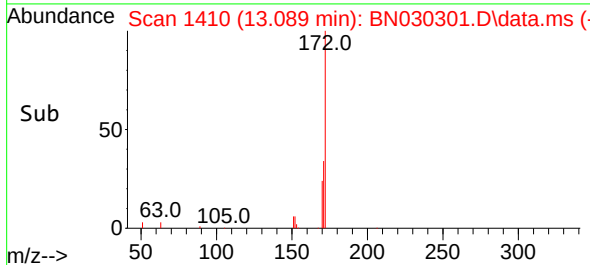
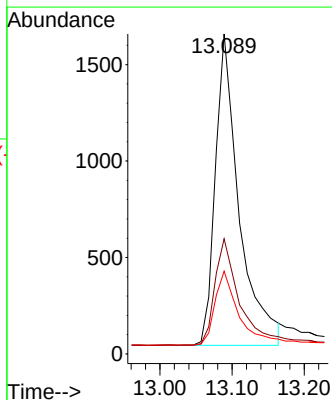
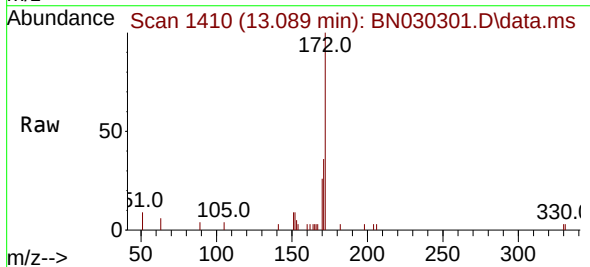


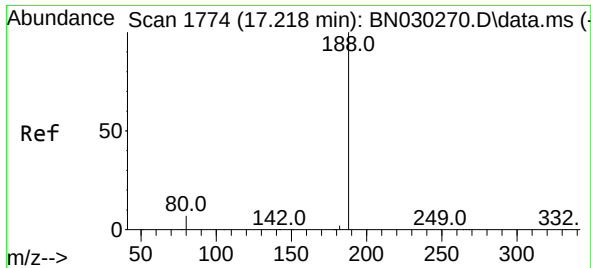
Tgt Ion:330 Resp: 371
Ion Ratio Lower Upper
330 100
332 94.9 72.6 108.8
141 52.3 41.3 61.9



#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 13.089 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BN030301.D
Acq: 06 Mar 2024 20:11

Tgt Ion:172 Resp: 3684
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 25.9 20.2 30.2

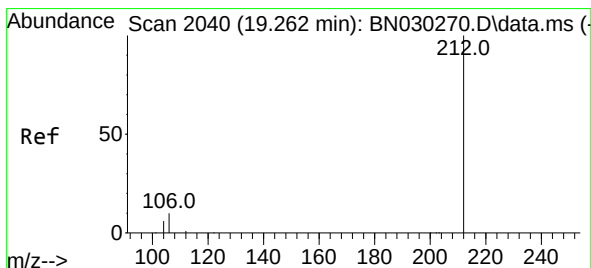
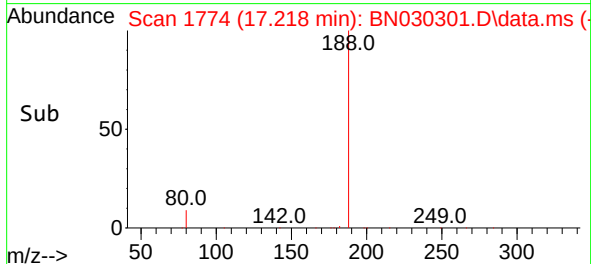
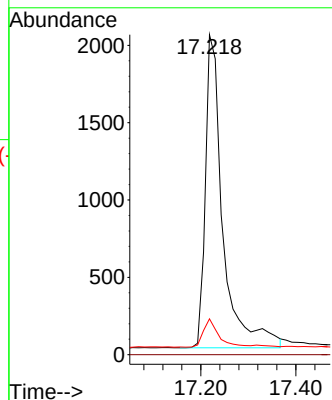
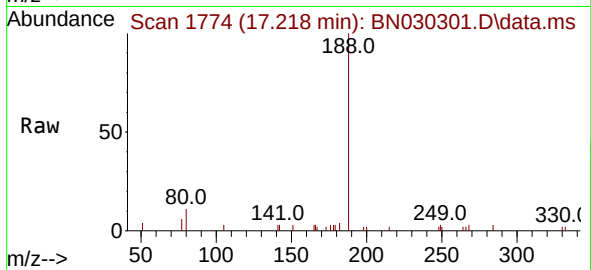




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.218 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN030301.D
Acq: 06 Mar 2024 20:11

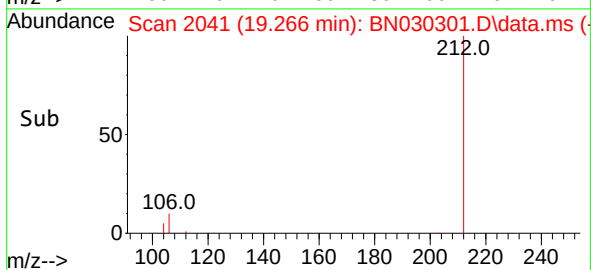
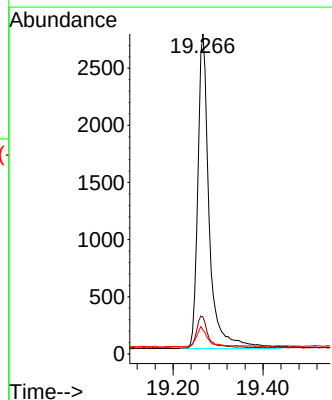
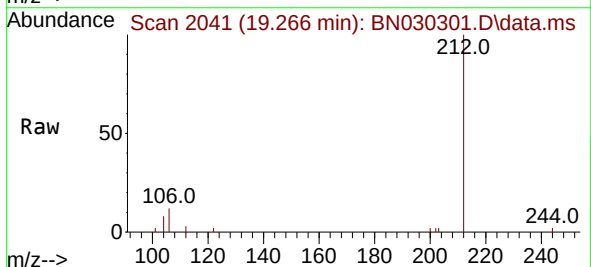
Instrument :
BNA_N
ClientSampleId :
RE139D1-20240222

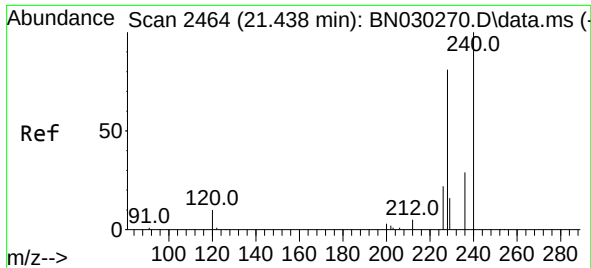
Tgt Ion:188 Resp: 5192
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 7.8 11.6



#27
Fluoranthene-d10
Concen: 0.342 ng
RT: 19.266 min Scan# 2041
Delta R.T. 0.005 min
Lab File: BN030301.D
Acq: 06 Mar 2024 20:11

Tgt Ion:212 Resp: 4876
Ion Ratio Lower Upper
212 100
106 10.5 8.2 12.4
104 6.3 4.7 7.1

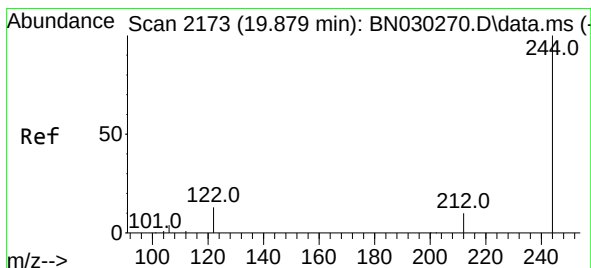
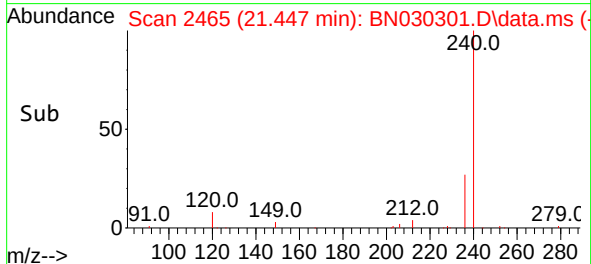
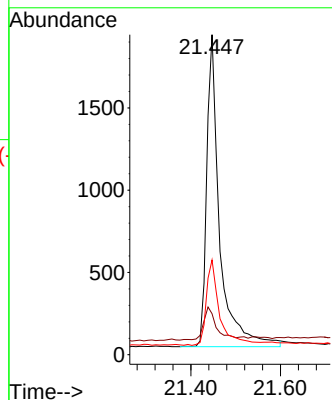
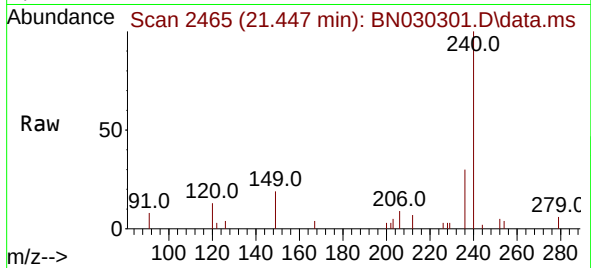




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.447 min Scan# 2465
Delta R.T. 0.009 min
Lab File: BN030301.D
Acq: 06 Mar 2024 20:11

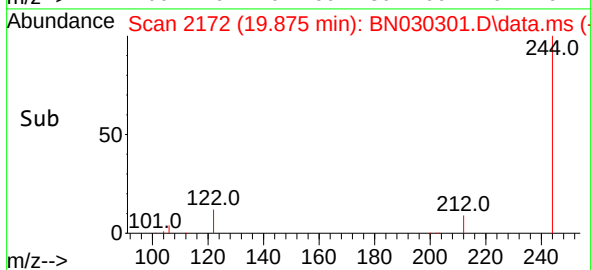
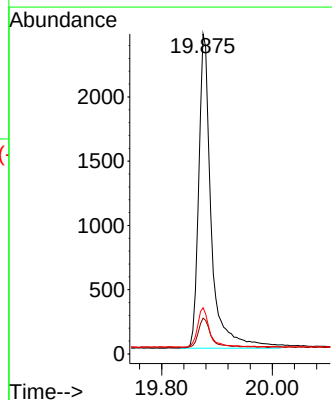
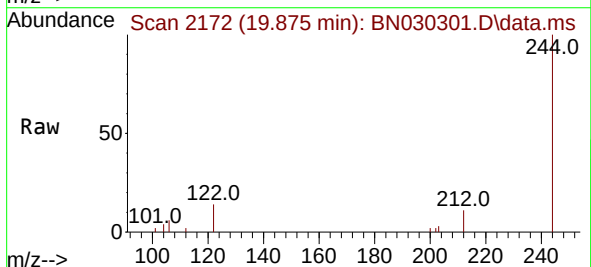
Instrument :
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RE139D1-20240222

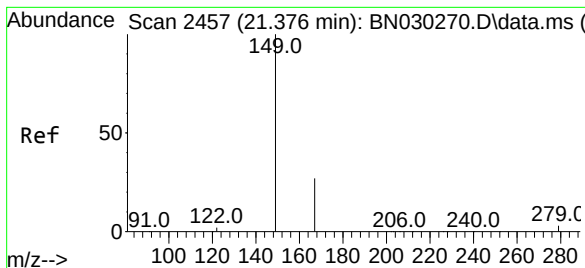
Tgt Ion:240 Resp: 3810
Ion Ratio Lower Upper
240 100
120 12.8 12.2 18.2
236 29.6 25.2 37.8



#31
Terphenyl-d14
Concen: 0.392 ng
RT: 19.875 min Scan# 2172
Delta R.T. -0.005 min
Lab File: BN030301.D
Acq: 06 Mar 2024 20:11

Tgt Ion:244 Resp: 3869
Ion Ratio Lower Upper
244 100
212 11.2 9.5 14.3
122 14.5 11.8 17.6

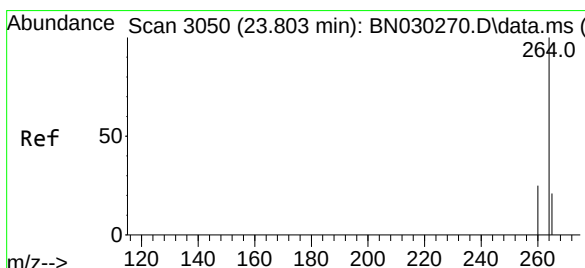
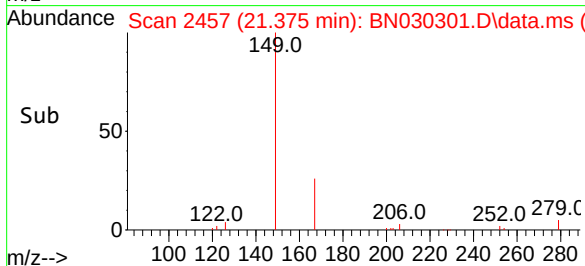
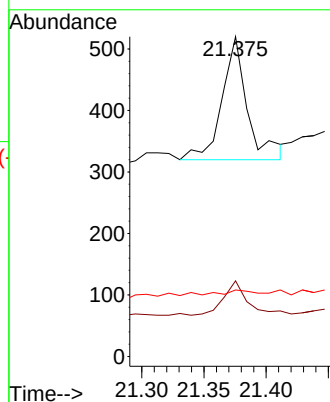
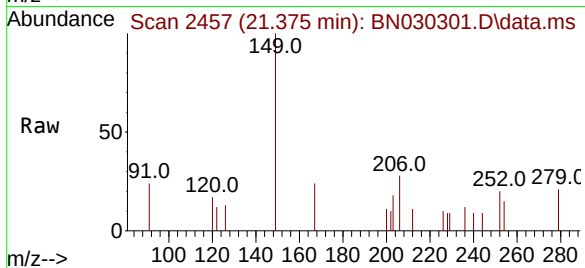




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.027 ng
RT: 21.375 min Scan# 2457
Delta R.T. -0.000 min
Lab File: BN030301.D
Acq: 06 Mar 2024 20:11

Instrument :
BNA_N
ClientSampleId :
RE139D1-20240222

Tgt Ion:149 Resp: 286
Ion Ratio Lower Upper
149 100
167 27.3 20.6 30.8
279 4.5 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: BN030301.D
Acq: 06 Mar 2024 20:11

Tgt Ion:264 Resp: 4149
Ion Ratio Lower Upper
264 100
260 26.6 21.7 32.5
265 60.8 50.8 76.2

