

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030624\
 Data File : BN030295.D
 Acq On : 06 Mar 2024 16:34
 Operator : MA/JU
 Sample : P1590-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20240222

Quant Time: Mar 06 17:00:09 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)

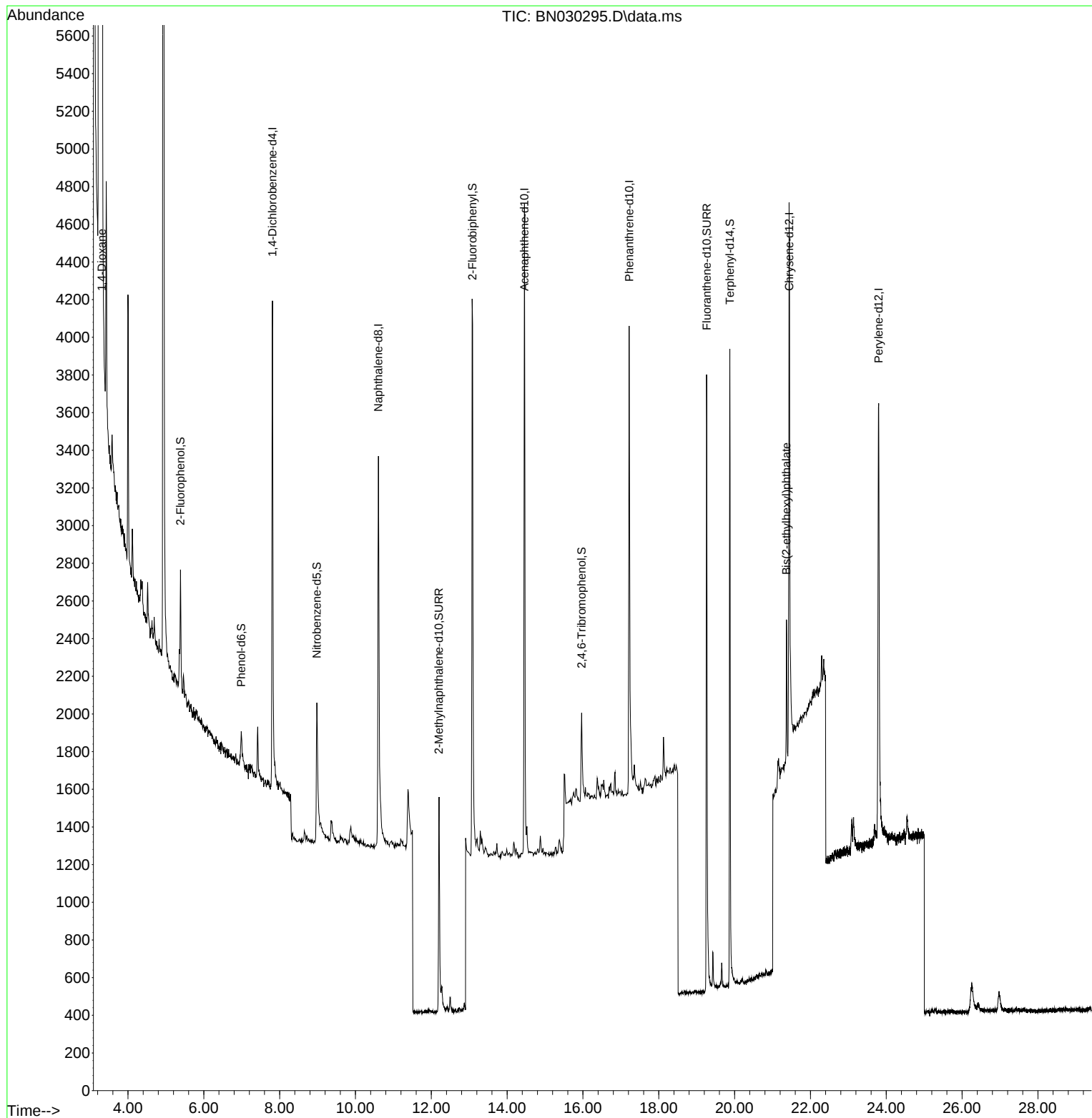
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	1531	0.400	ng	0.00
7) Naphthalene-d8	10.605	136	3907	0.400	ng	0.00
13) Acenaphthene-d10	14.457	164	2147	0.400	ng	0.00
19) Phenanthrene-d10	17.218	188	4297	0.400	ng	0.00
29) Chrysene-d12	21.438	240	3614	0.400	ng	0.00
35) Perylene-d12	23.794	264	4046	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	536	0.133	ng	0.00
5) Phenol-d6	6.988	99	288	0.068	ng	0.00
8) Nitrobenzene-d5	8.982	82	1117	0.313	ng	0.01
11) 2-Methylnaphthalene-d10	12.200	152	2118	0.374	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	344	0.312	ng	0.00
15) 2-Fluorobiphenyl	13.089	172	3398	0.381	ng	0.00
27) Fluoranthene-d10	19.261	212	4536	0.385	ng	0.00
31) Terphenyl-d14	19.875	244	3966	0.423	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.311	88	7169	3.610	ng	95
34) Bis(2-ethylhexyl)phtha...	21.366	149	816	0.081	ng	# 97

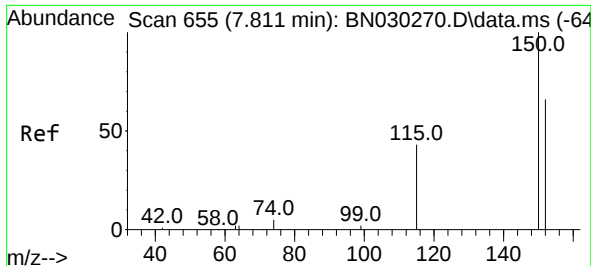
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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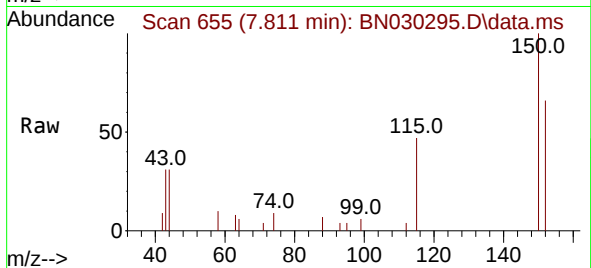
Quant Time: Mar 06 17:00:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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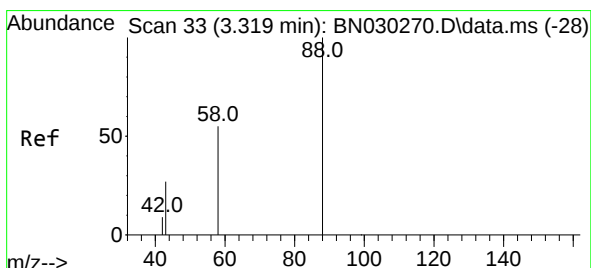
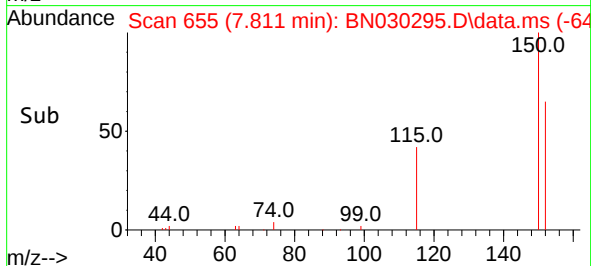
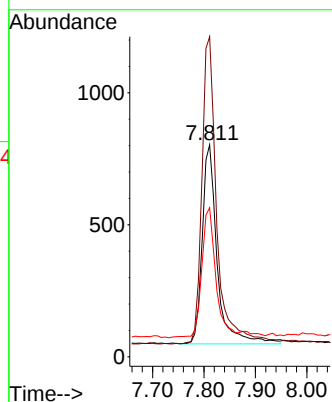
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.811 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN030295.D
 Acq: 06 Mar 2024 16:34

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20240222



Tgt Ion:152 Resp: 1531

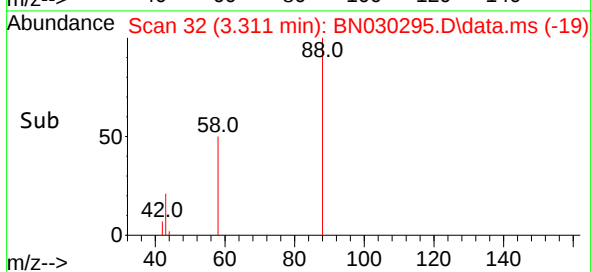
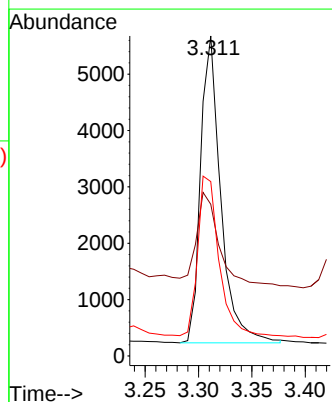
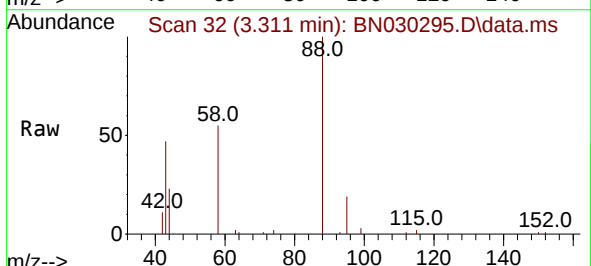
Ion	Ratio	Lower	Upper
152	100		
150	151.1	119.4	179.0
115	70.4	56.9	85.3

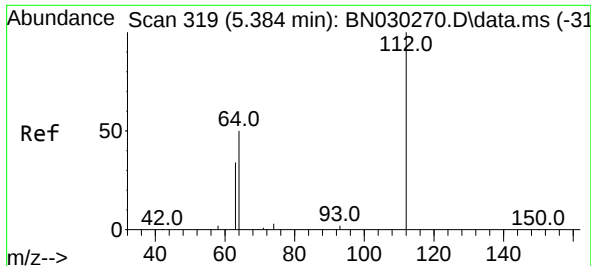


#2
 1,4-Dioxane
 Concen: 3.610 ng
 RT: 3.311 min Scan# 32
 Delta R.T. -0.007 min
 Lab File: BN030295.D
 Acq: 06 Mar 2024 16:34

Tgt Ion: 88 Resp: 7169

Ion	Ratio	Lower	Upper
88	100		
43	33.6	23.8	35.8
58	54.4	46.2	69.4

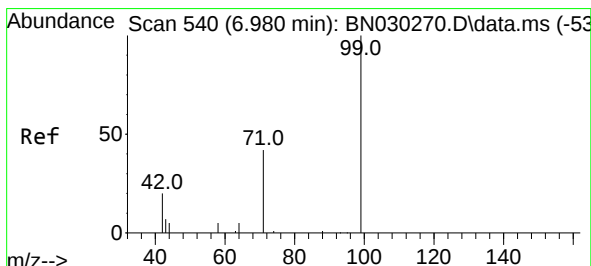
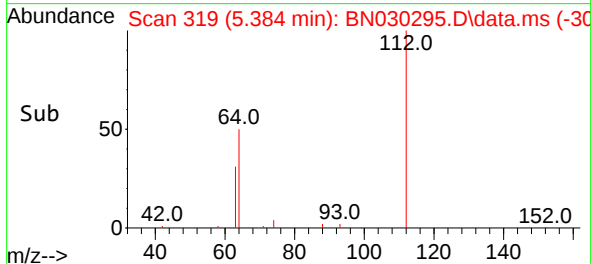
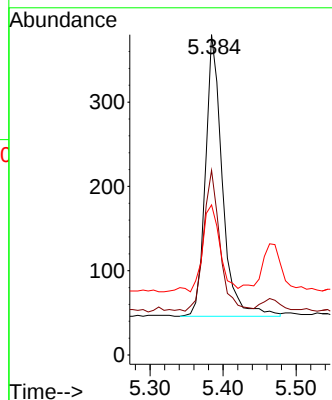
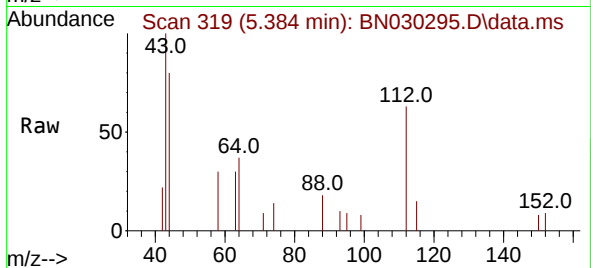




#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN030295.D
Acq: 06 Mar 2024 16:34

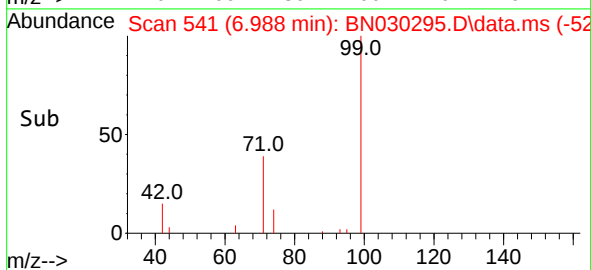
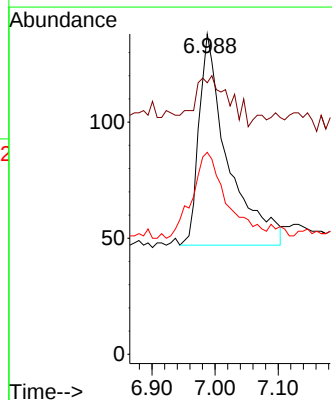
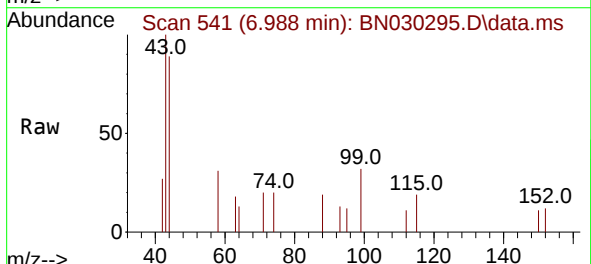
Instrument :
BNA_N
ClientSampleId :
RE120D2-20240222

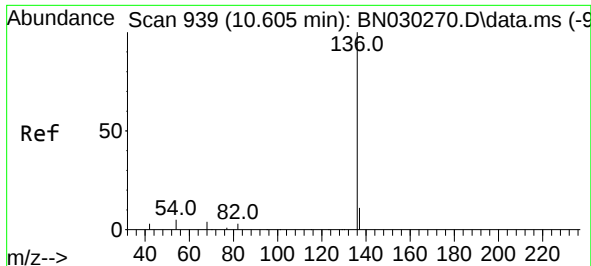
Tgt Ion:112 Resp: 536
Ion Ratio Lower Upper
112 100
64 47.9 41.8 62.8
63 32.3 27.1 40.7



#5
Phenol-d6
Concen: 0.068 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN030295.D
Acq: 06 Mar 2024 16:34

Tgt Ion: 99 Resp: 288
Ion Ratio Lower Upper
99 100
42 21.5 19.0 28.6
71 49.0 36.0 54.0

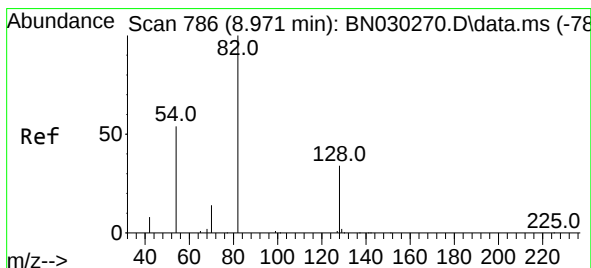
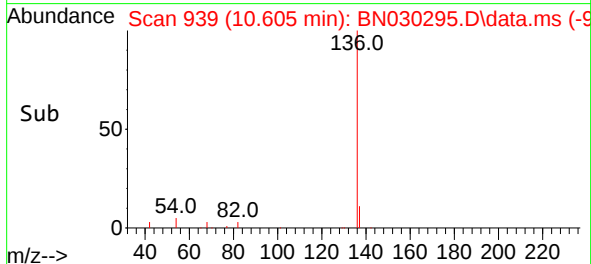
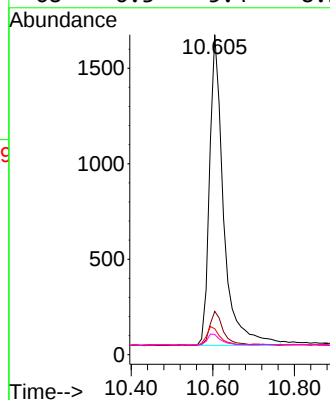
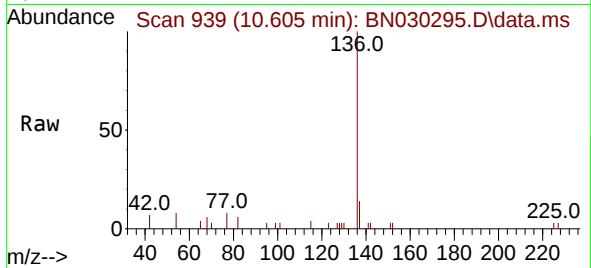




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN030295.D
Acq: 06 Mar 2024 16:34

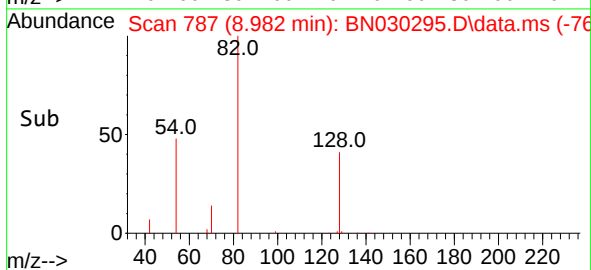
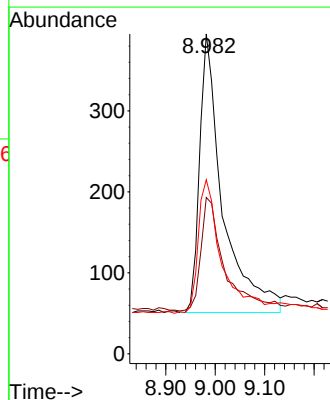
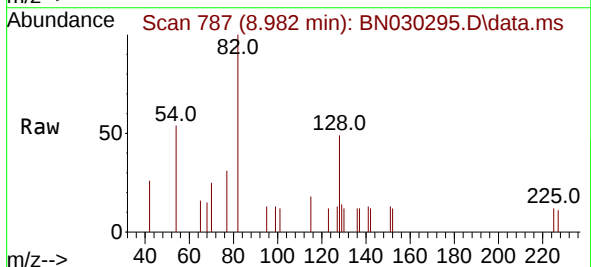
Instrument :
BNA_N
ClientSampleId :
RE120D2-20240222

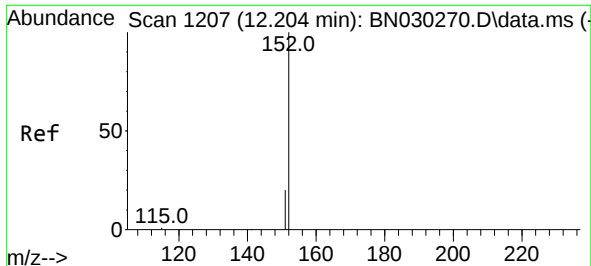
Tgt Ion:	136	Resp:	3907
Ion	Ratio	Lower	Upper
136	100		
137	13.5	10.5	15.7
54	8.1	6.4	9.6
68	6.3	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.313 ng
RT: 8.982 min Scan# 787
Delta R.T. 0.011 min
Lab File: BN030295.D
Acq: 06 Mar 2024 16:34

Tgt Ion:	82	Resp:	1117
Ion	Ratio	Lower	Upper
82	100		
128	48.9	32.2	48.2#
54	54.4	47.3	70.9





#11

2-Methylnaphthalene-d10

Concen: 0.374 ng

RT: 12.200 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN030295.D

Acq: 06 Mar 2024 16:34

Instrument :

BNA_N

ClientSampleId :

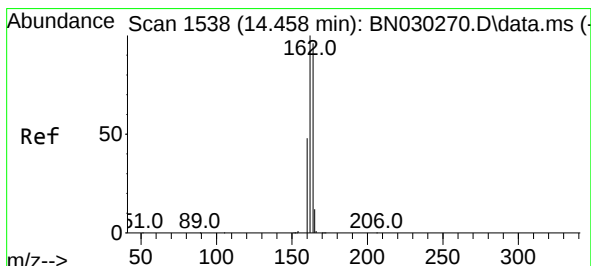
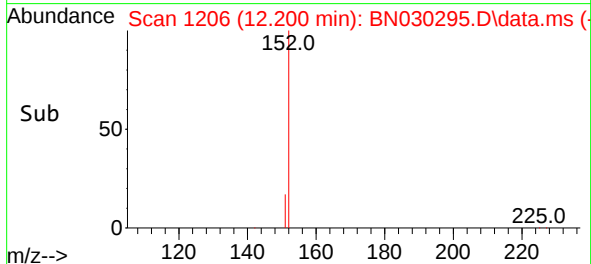
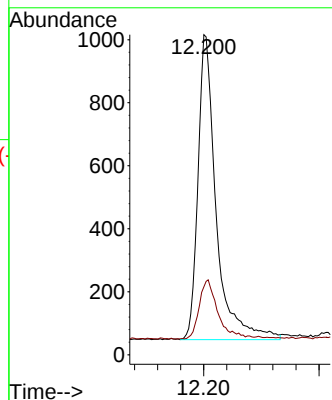
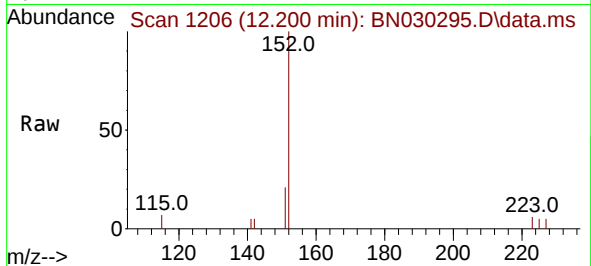
RE120D2-20240222

Tgt Ion:152 Resp: 2118

Ion Ratio Lower Upper

152 100

151 19.8 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: BN030295.D

Acq: 06 Mar 2024 16:34

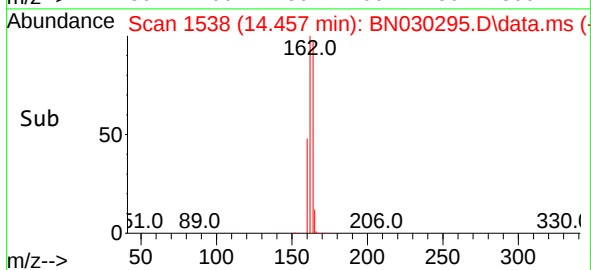
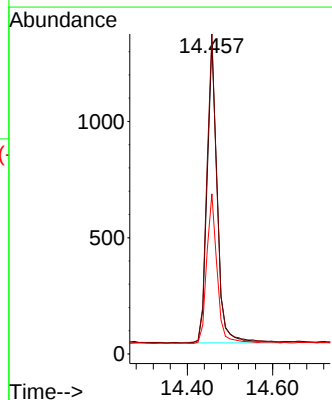
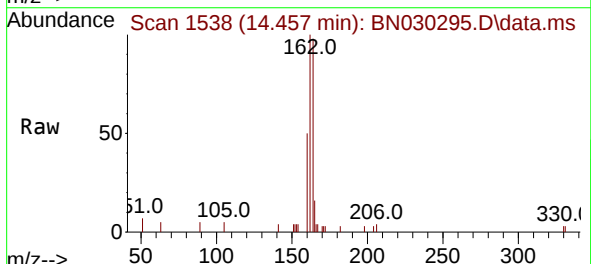
Tgt Ion:164 Resp: 2147

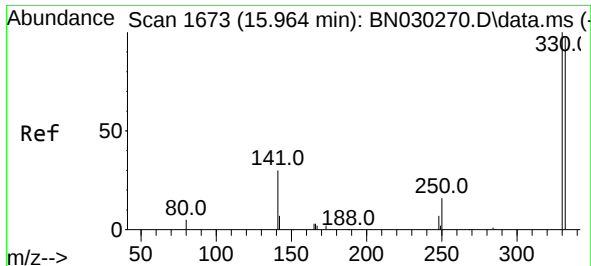
Ion Ratio Lower Upper

164 100

162 102.5 83.4 125.2

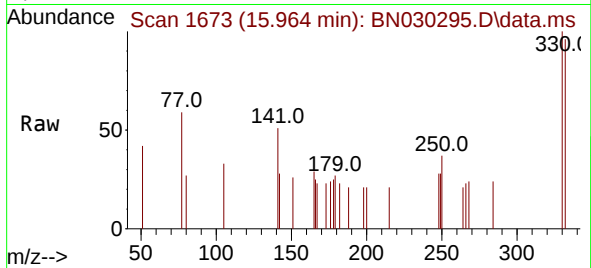
160 51.3 41.7 62.5



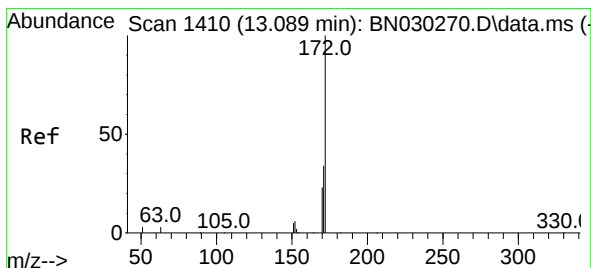
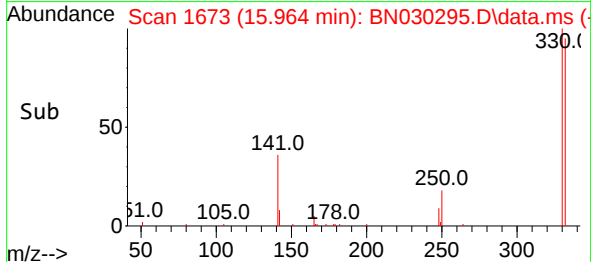
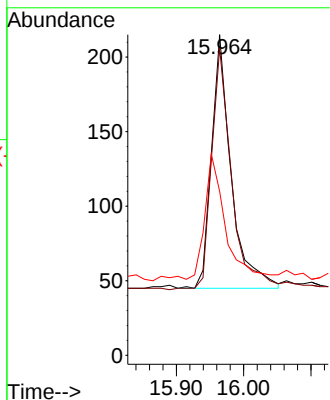


#14
2,4,6-Tribromophenol
Concen: 0.312 ng
RT: 15.964 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BN030295.D
Acq: 06 Mar 2024 16:34

Instrument :
BNA_N
ClientSampleId :
RE120D2-20240222

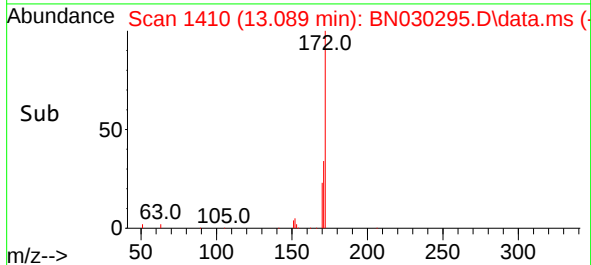
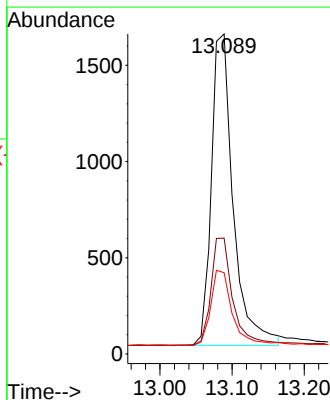
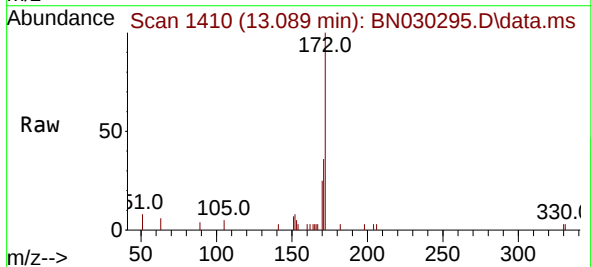


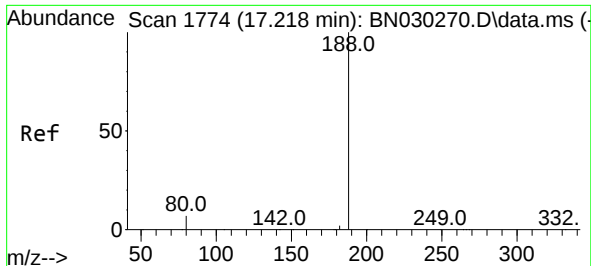
Tgt Ion:330 Resp: 344
Ion Ratio Lower Upper
330 100
332 98.0 72.6 108.8
141 50.9 41.3 61.9



#15
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 13.089 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BN030295.D
Acq: 06 Mar 2024 16:34

Tgt Ion:172 Resp: 3398
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 25.4 20.2 30.2

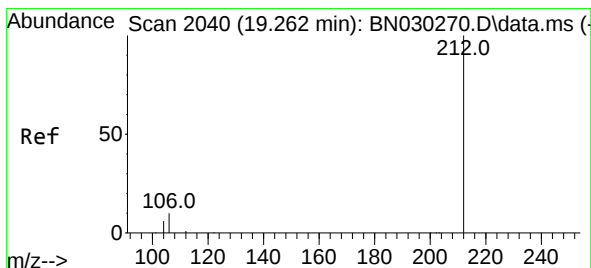
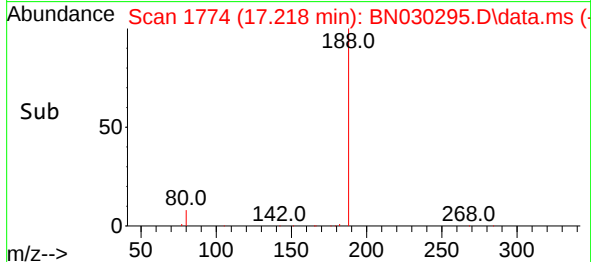
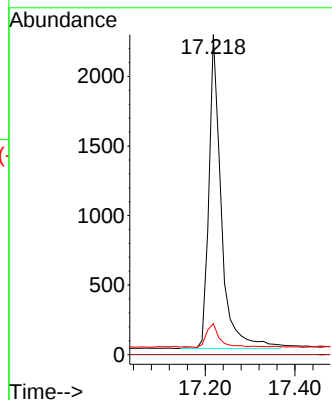
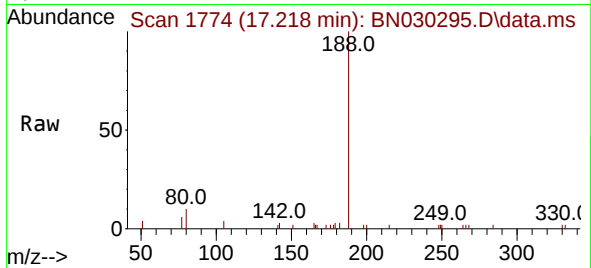




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.218 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BN030295.D
Acq: 06 Mar 2024 16:34

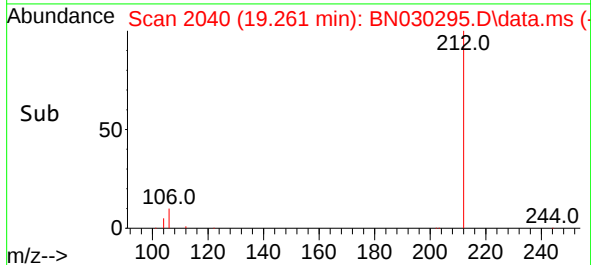
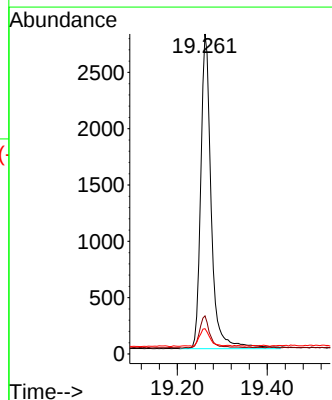
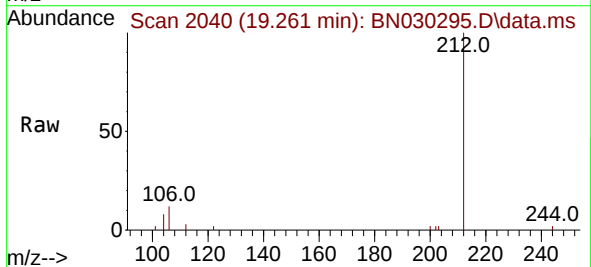
Instrument :
BNA_N
ClientSampleId :
RE120D2-20240222

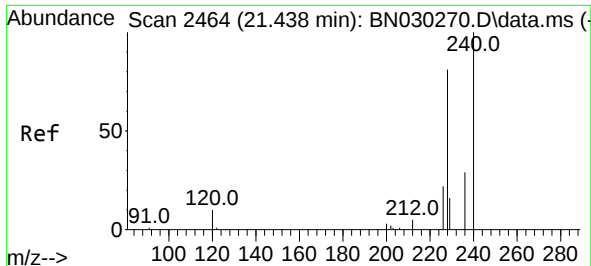
Tgt Ion:188 Resp: 4297
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 7.8 11.6



#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.261 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BN030295.D
Acq: 06 Mar 2024 16:34

Tgt Ion:212 Resp: 4536
Ion Ratio Lower Upper
212 100
106 10.2 8.2 12.4
104 5.6 4.7 7.1

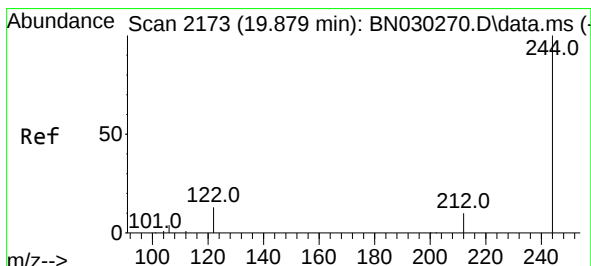
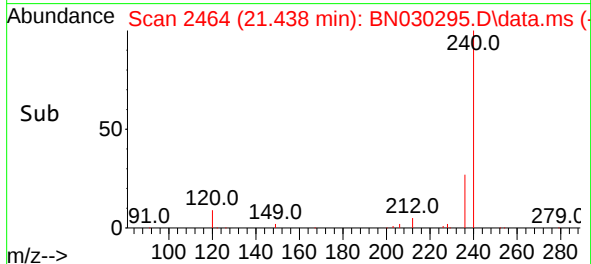
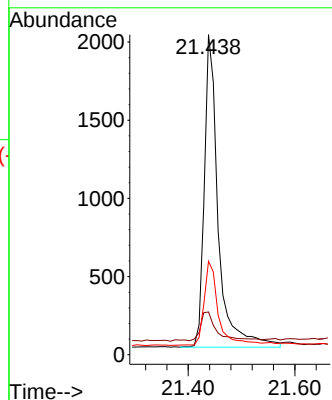
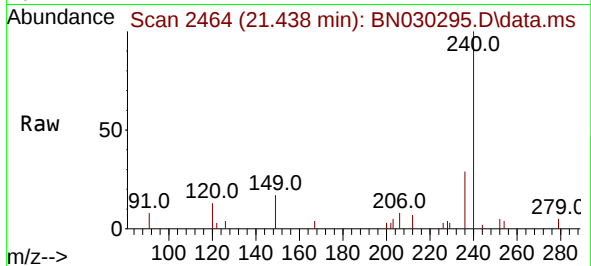




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.438 min Scan# 2464
Delta R.T. -0.000 min
Lab File: BN030295.D
Acq: 06 Mar 2024 16:34

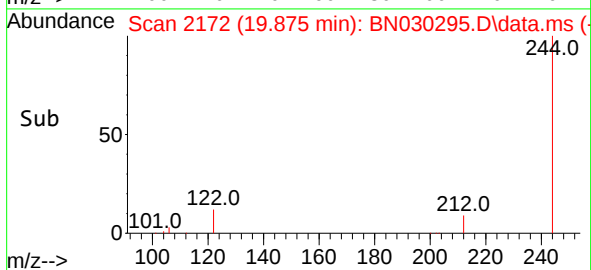
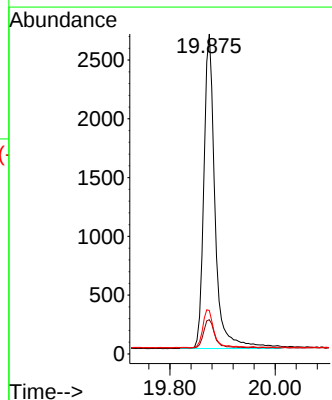
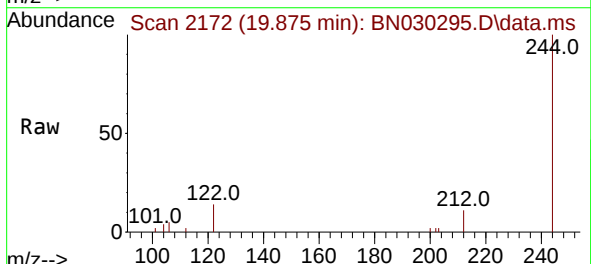
Instrument :
BNA_N
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RE120D2-20240222

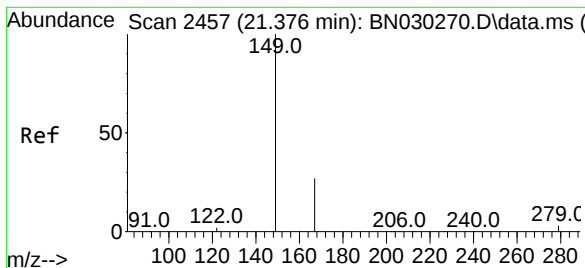
Tgt Ion:240 Resp: 3614
Ion Ratio Lower Upper
240 100
120 13.4 12.2 18.2
236 29.2 25.2 37.8



#31
Terphenyl-d14
Concen: 0.423 ng
RT: 19.875 min Scan# 2172
Delta R.T. -0.005 min
Lab File: BN030295.D
Acq: 06 Mar 2024 16:34

Tgt Ion:244 Resp: 3966
Ion Ratio Lower Upper
244 100
212 10.7 9.5 14.3
122 13.6 11.8 17.6

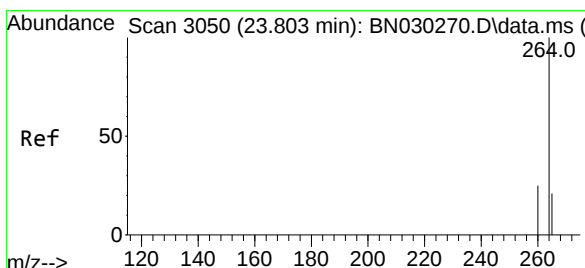
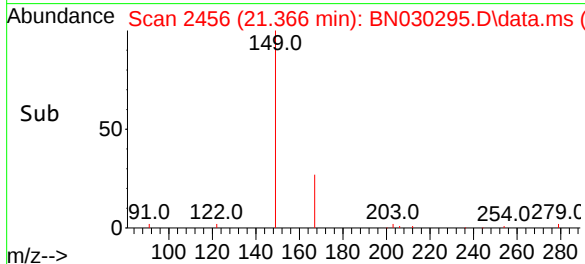
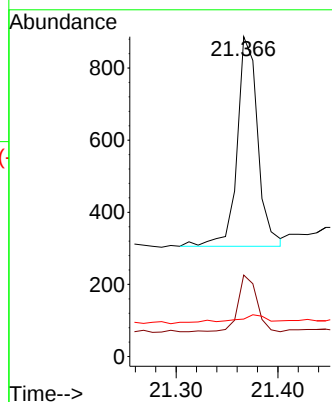
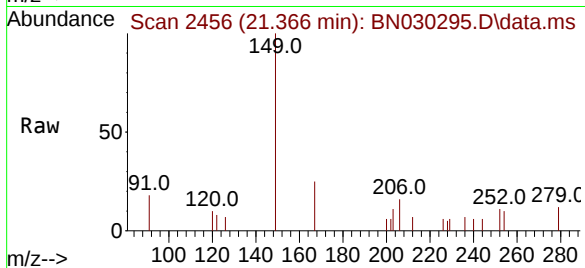




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.081 ng
 RT: 21.366 min Scan# 2456
 Delta R.T. -0.009 min
 Lab File: BN030295.D
 Acq: 06 Mar 2024 16:34

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20240222

Tgt Ion:149 Resp: 816
 Ion Ratio Lower Upper
 149 100
 167 24.5 20.6 30.8
 279 8.1 4.0 6.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.794 min Scan# 3047
 Delta R.T. -0.009 min
 Lab File: BN030295.D
 Acq: 06 Mar 2024 16:34

Tgt Ion:264 Resp: 4046
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.7 32.5
 265 57.0 50.8 76.2

