

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029988.D
 Acq On : 24 Feb 2024 11:18
 Operator : MA/JU
 Sample : P1507-24
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20240214

Quant Time: Feb 26 04:52:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

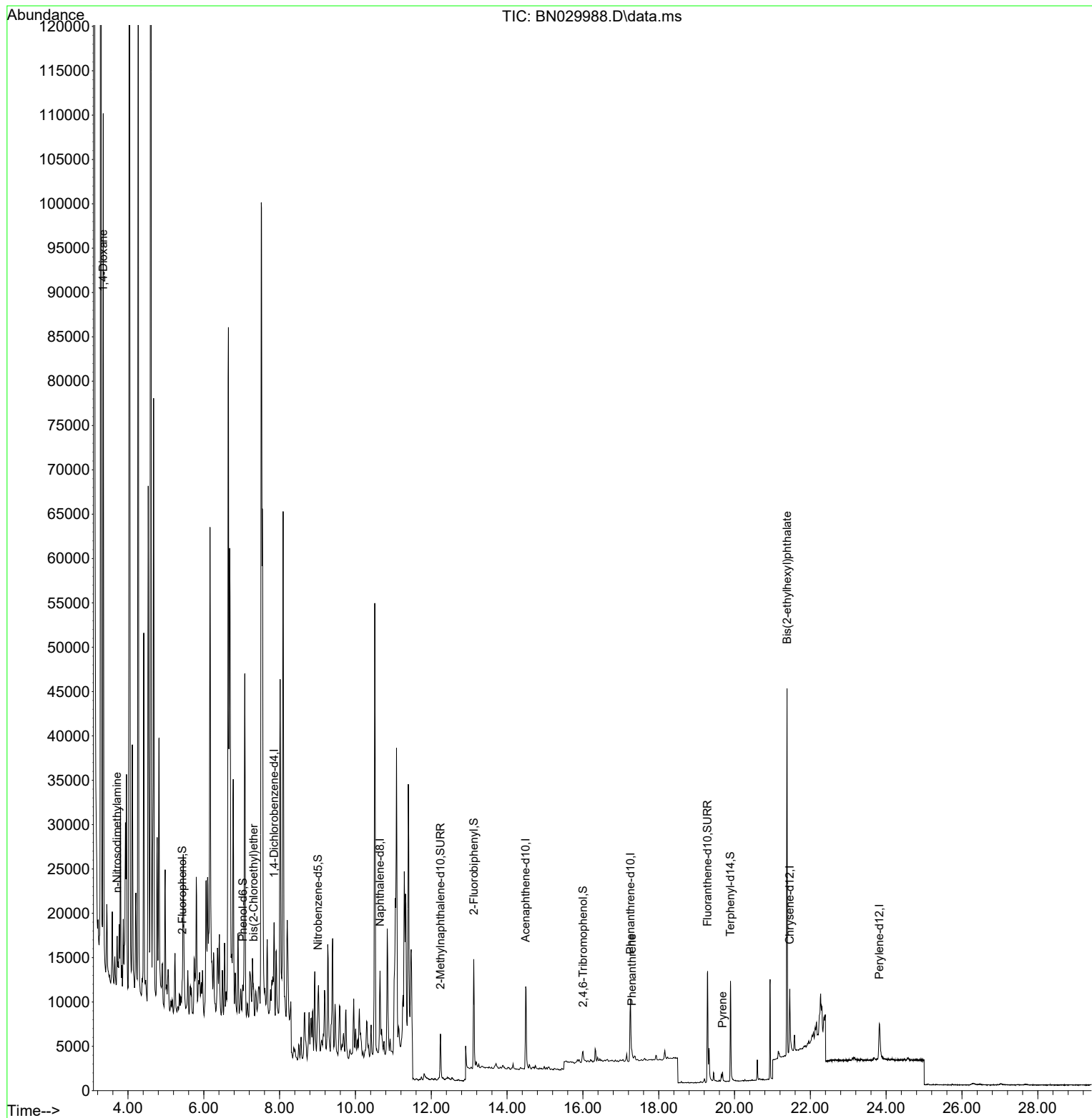
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	5002	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	13026	0.400	ng	# 0.00
13) Acenaphthene-d10	14.490	164	6595	0.400	ng	0.00
19) Phenanthrene-d10	17.255	188	12323	0.400	ng	0.00
29) Chrysene-d12	21.456	240	9210	0.400	ng	0.00
35) Perylene-d12	23.821	264	7991	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1909	0.159	ng	0.00
5) Phenol-d6	7.031	99	2450	0.177	ng	0.00
8) Nitrobenzene-d5	9.014	82	5342	0.493	ng	0.00
11) 2-Methylnaphthalene-d10	12.242	152	7540	0.425	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	882	0.417	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	11279	0.398	ng	0.00
27) Fluoranthene-d10	19.290	212	16074	0.539	ng	0.00
31) Terphenyl-d14	19.894	244	12319	0.539	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.348	88	54209	7.698	ng	97
3) n-Nitrosodimethylamine	3.709	42	1552	0.270	ng	# 1
6) bis(2-Chloroethyl)ether	7.313	93	370	0.028	ng	# 1
25) Phenanthrene	17.293	178	766	0.021	ng	# 90
30) Pyrene	19.684	202	930	0.022	ng	96
34) Bis(2-ethylhexyl)phtha...	21.385	149	36266	1.691	ng	99

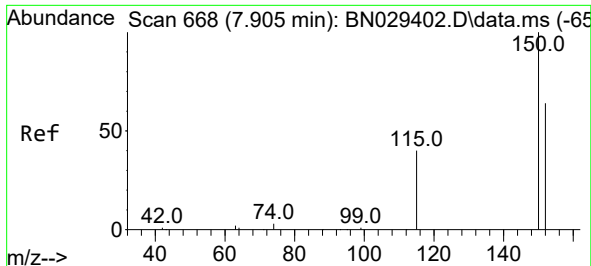
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
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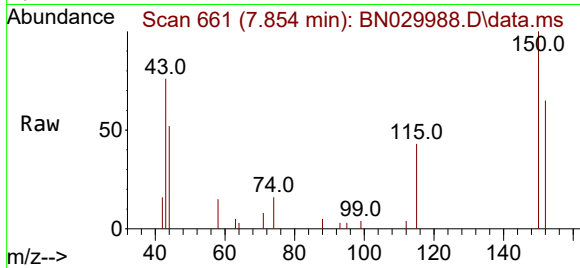
Quant Time: Feb 26 04:52:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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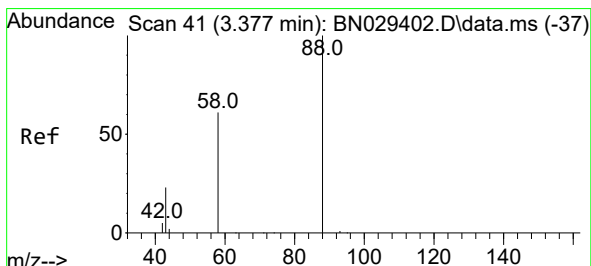
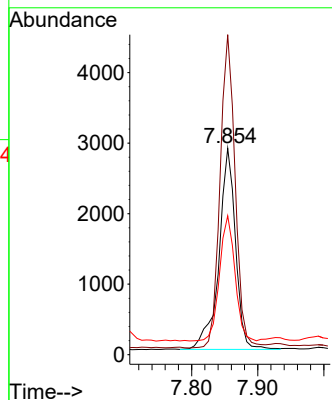
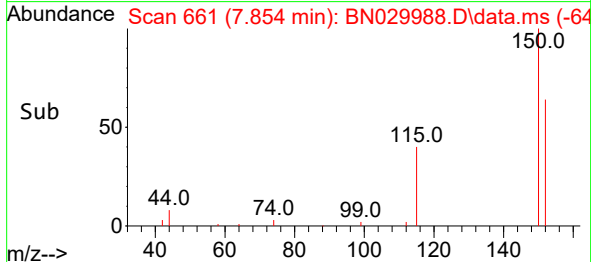


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.000 min
 Lab File: BN029988.D
 Acq: 24 Feb 2024 11:18

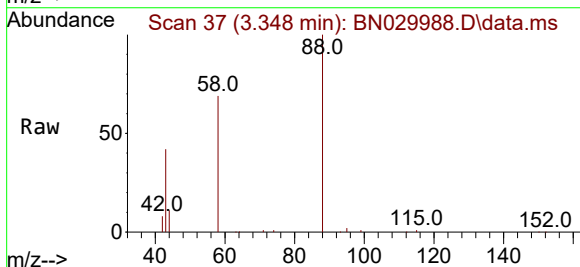
Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20240214



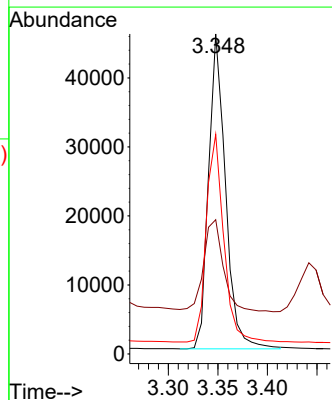
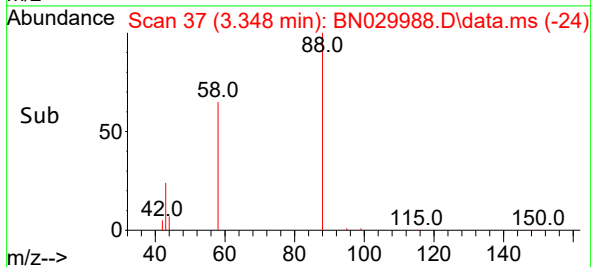
Tgt Ion:152 Resp: 5002
 Ion Ratio Lower Upper
 152 100
 150 155.0 123.0 184.4
 115 67.3 51.4 77.0

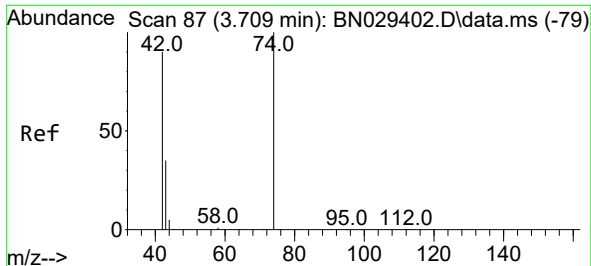


#2
 1,4-Dioxane
 Concen: 7.698 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN029988.D
 Acq: 24 Feb 2024 11:18



Tgt Ion: 88 Resp: 54209
 Ion Ratio Lower Upper
 88 100
 43 34.2 23.3 34.9
 58 67.3 53.8 80.6

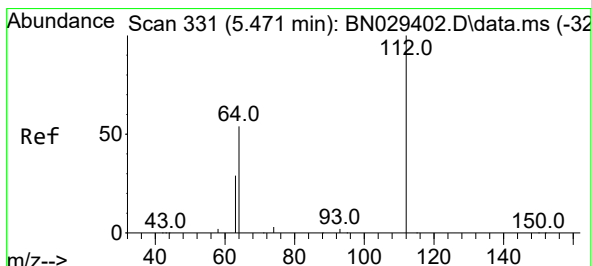
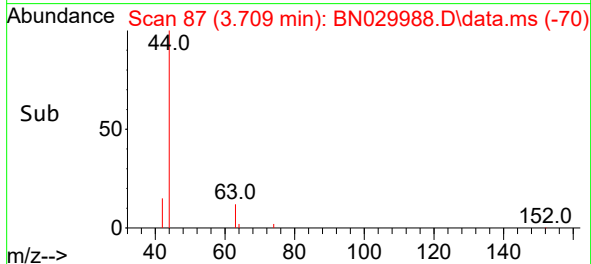
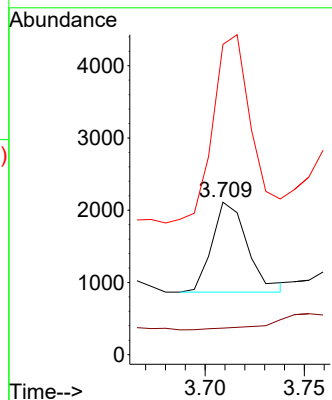
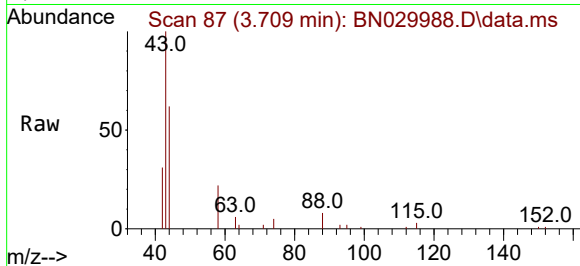




#3
n-Nitrosodimethylamine
Concen: 0.270 ng
RT: 3.709 min Scan# 81
Delta R.T. 0.022 min
Lab File: BN029988.D
Acq: 24 Feb 2024 11:18

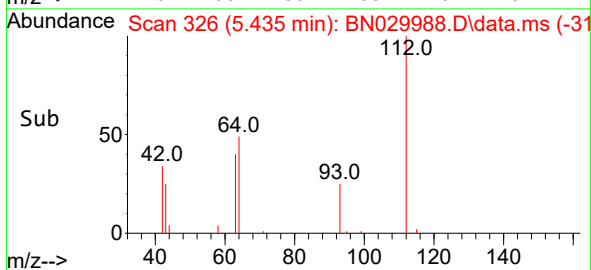
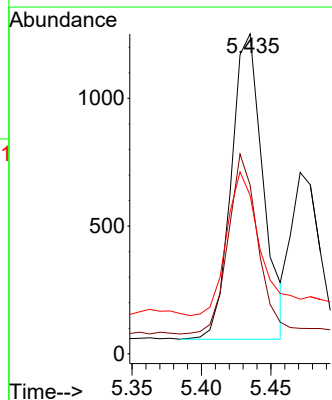
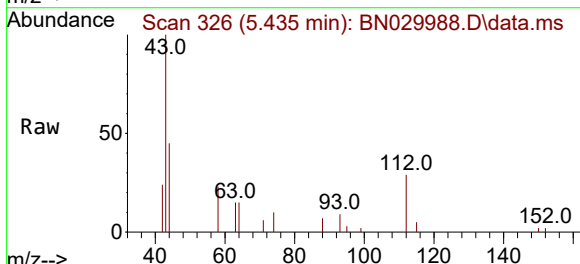
Instrument :
BNA_N
ClientSampleId :
RE131D2-20240214

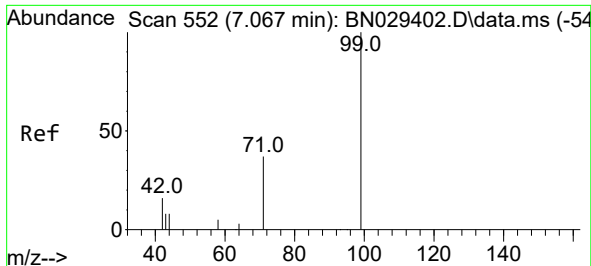
Tgt Ion: 42 Resp: 1552
Ion Ratio Lower Upper
42 100
74 0.0 93.7 140.5#
44 230.3 13.0 19.4#



#4
2-Fluorophenol
Concen: 0.159 ng
RT: 5.435 min Scan# 326
Delta R.T. 0.007 min
Lab File: BN029988.D
Acq: 24 Feb 2024 11:18

Tgt Ion: 112 Resp: 1909
Ion Ratio Lower Upper
112 100
64 57.7 47.2 70.8
63 59.1 25.8 38.6#

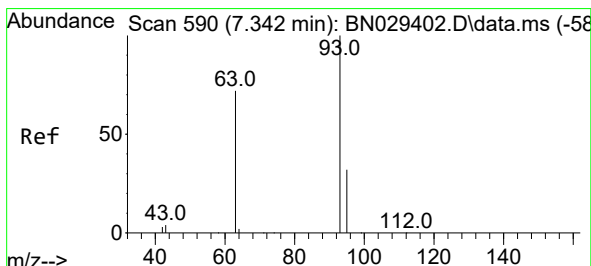
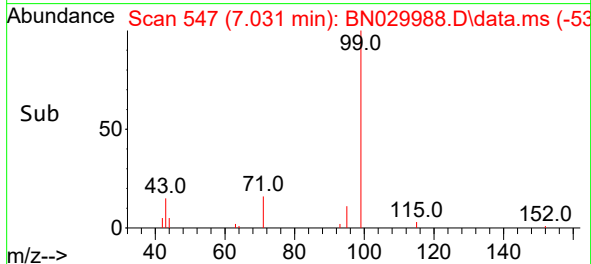
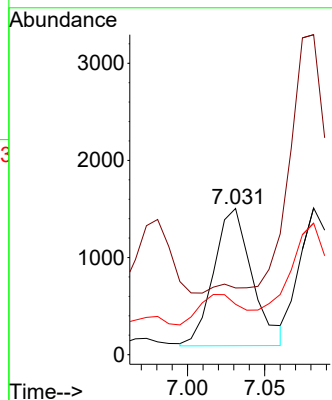
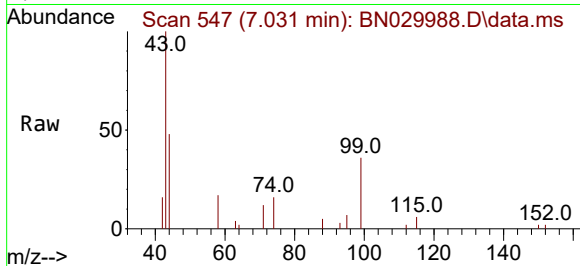




#5
Phenol-d6
Concen: 0.177 ng
RT: 7.031 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN029988.D
Acq: 24 Feb 2024 11:18

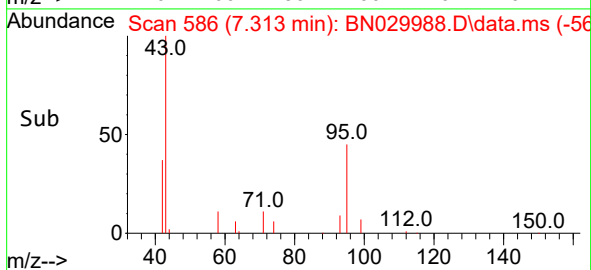
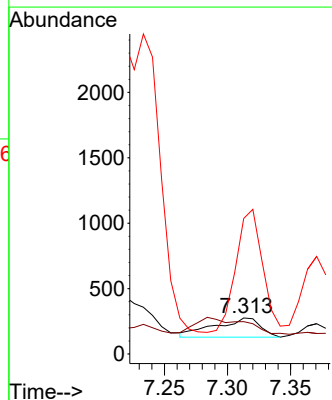
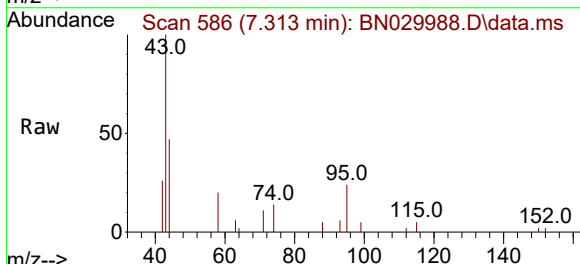
Instrument :
BNA_N
ClientSampleId :
RE131D2-20240214

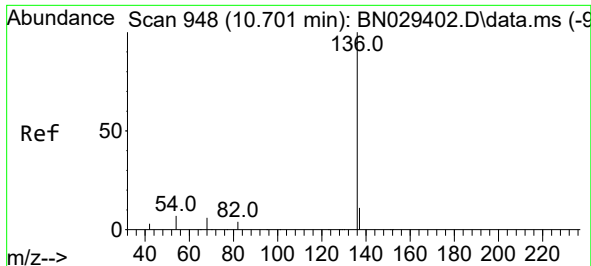
Tgt Ion: 99 Resp: 2450
Ion Ratio Lower Upper
99 100
42 8.2 16.9 25.3#
71 26.8 30.0 45.0#



#6
bis(2-Chloroethyl)ether
Concen: 0.028 ng
RT: 7.313 min Scan# 586
Delta R.T. 0.022 min
Lab File: BN029988.D
Acq: 24 Feb 2024 11:18

Tgt Ion: 93 Resp: 370
Ion Ratio Lower Upper
93 100
63 0.0 63.1 94.7#
95 372.7 27.1 40.7#

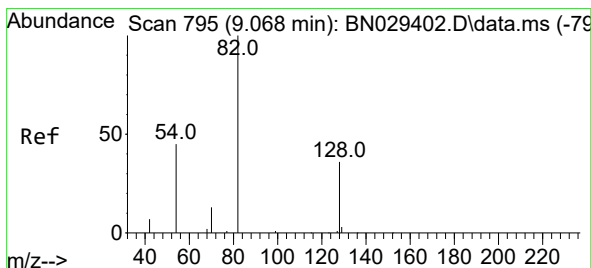
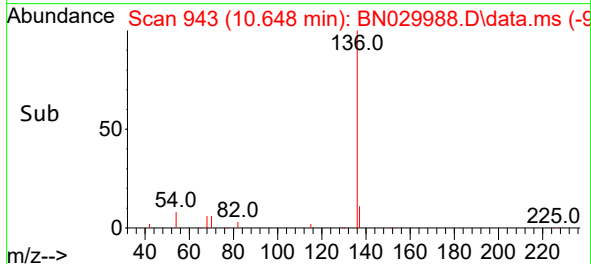
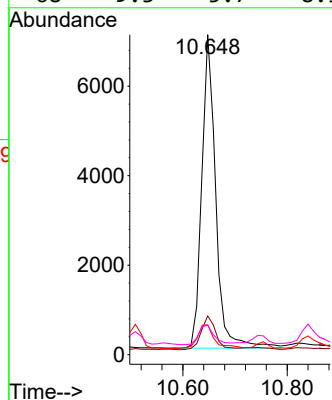
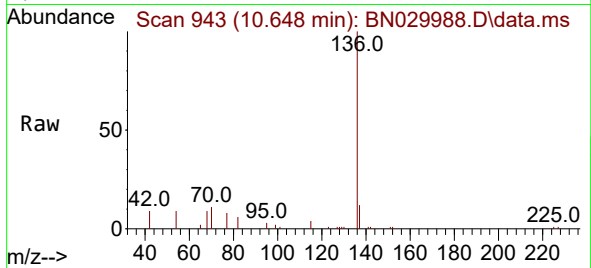




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN029988.D
Acq: 24 Feb 2024 11:18

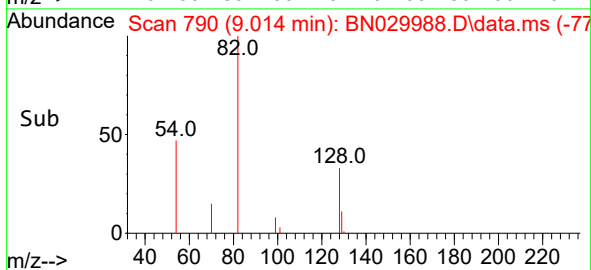
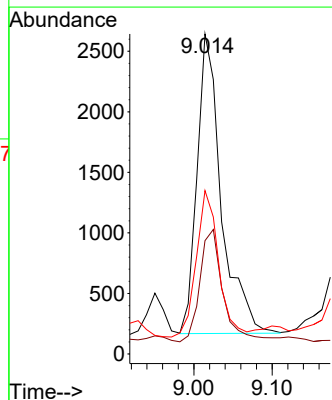
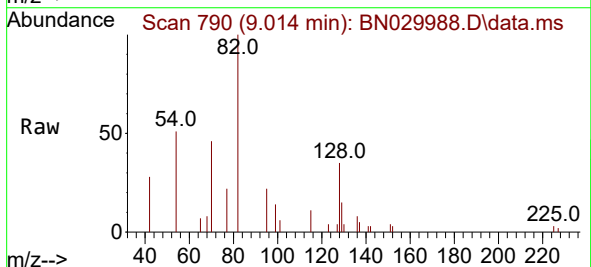
Instrument :
BNA_N
ClientSampleId :
RE131D2-20240214

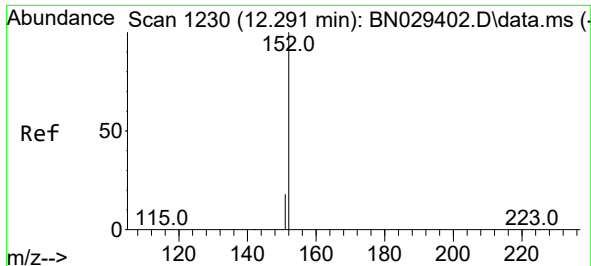
Tgt Ion:	136	Resp:	13026
Ion Ratio	Lower	Upper	
136	100		
137	12.1	9.7	14.5
54	9.3	6.6	10.0
68	9.3	5.7	8.5



#8
Nitrobenzene-d5
Concen: 0.493 ng
RT: 9.014 min Scan# 790
Delta R.T. 0.000 min
Lab File: BN029988.D
Acq: 24 Feb 2024 11:18

Tgt Ion:	82	Resp:	5342
Ion Ratio	Lower	Upper	
82	100		
128	35.4	31.6	47.4
54	51.1	38.2	57.4

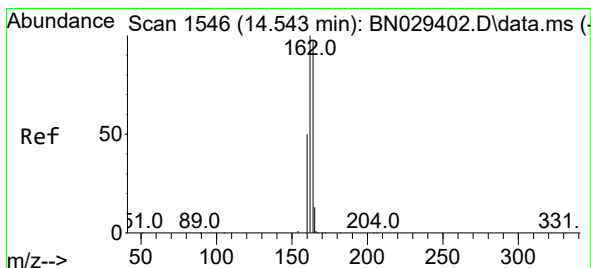
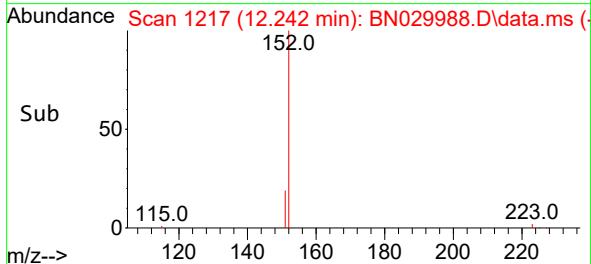
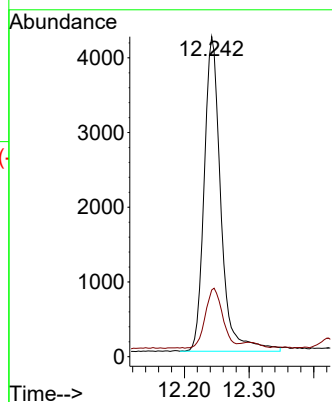
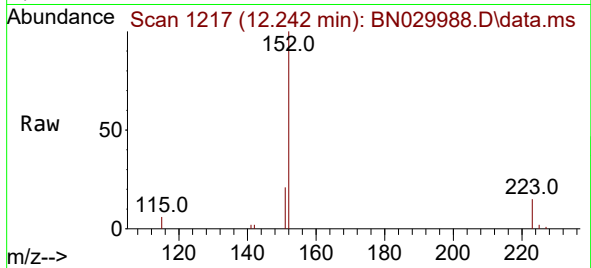




#11
2-Methylnaphthalene-d10
Concen: 0.425 ng
RT: 12.242 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN029988.D
Acq: 24 Feb 2024 11:18

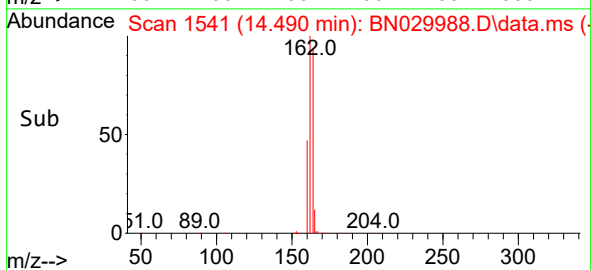
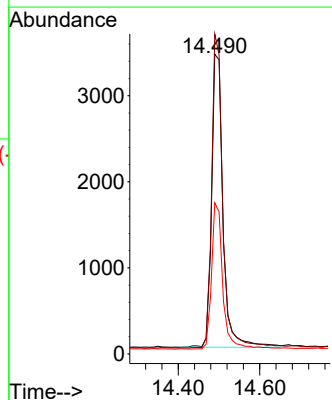
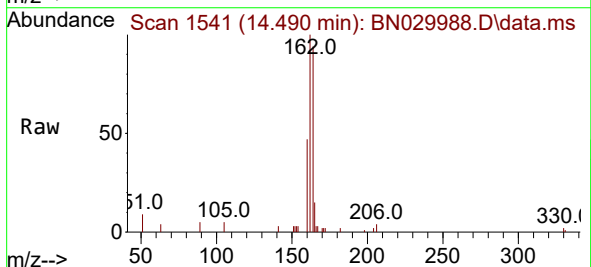
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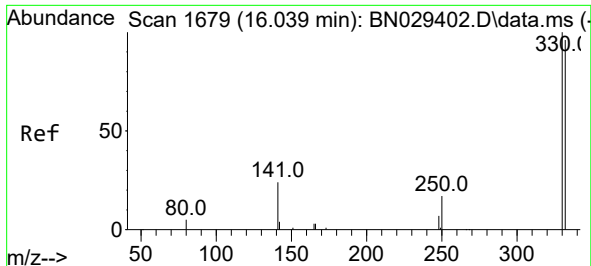
Tgt Ion:152 Resp: 7540
Ion Ratio Lower Upper
152 100
151 20.0 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.490 min Scan# 1541
Delta R.T. 0.000 min
Lab File: BN029988.D
Acq: 24 Feb 2024 11:18

Tgt Ion:164 Resp: 6595
Ion Ratio Lower Upper
164 100
162 106.7 82.6 123.8
160 50.4 41.5 62.3

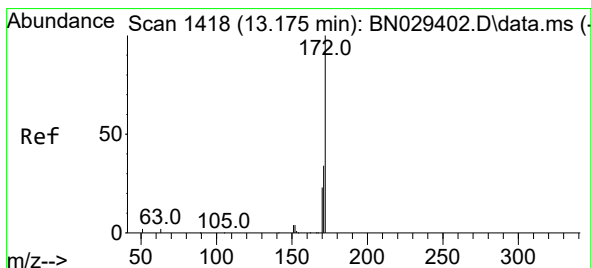
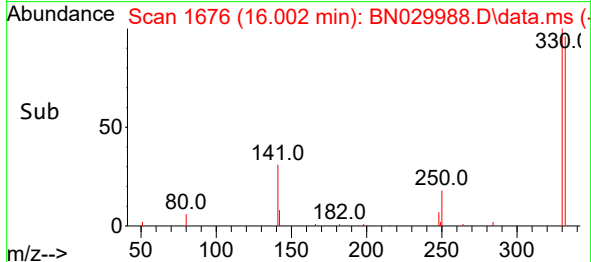
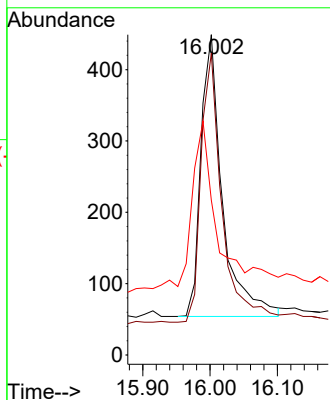
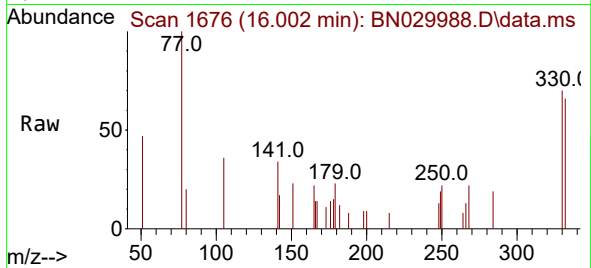




#14
2,4,6-Tribromophenol
Concen: 0.417 ng
RT: 16.002 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029988.D
Acq: 24 Feb 2024 11:18

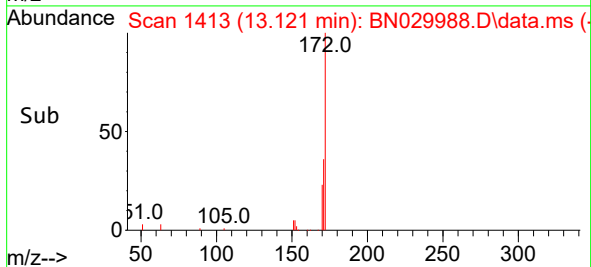
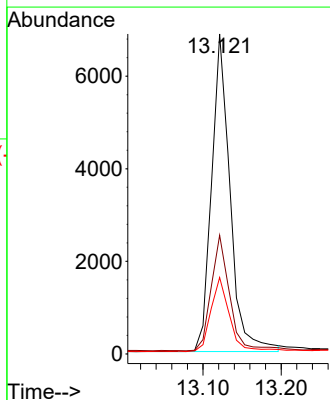
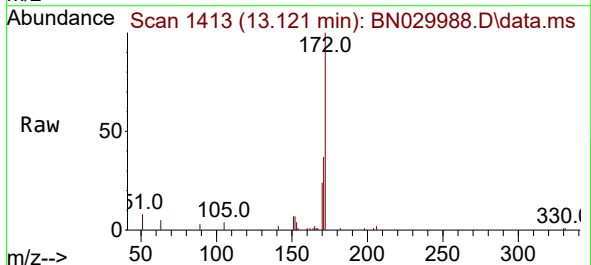
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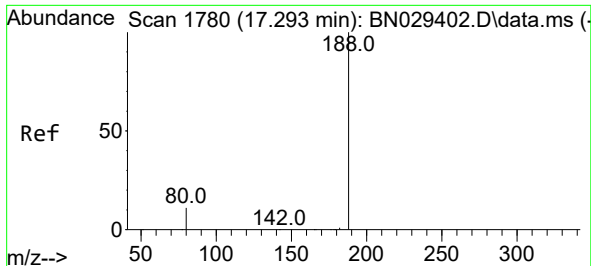
Tgt Ion:330 Resp: 882
Ion Ratio Lower Upper
330 100
332 93.7 76.0 114.0
141 63.9 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 13.121 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN029988.D
Acq: 24 Feb 2024 11:18

Tgt Ion:172 Resp: 11279
Ion Ratio Lower Upper
172 100
171 37.1 28.0 42.0
170 23.9 18.7 28.1

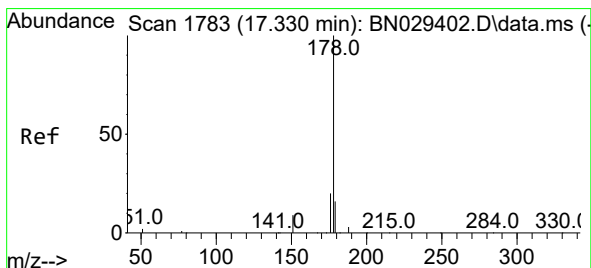
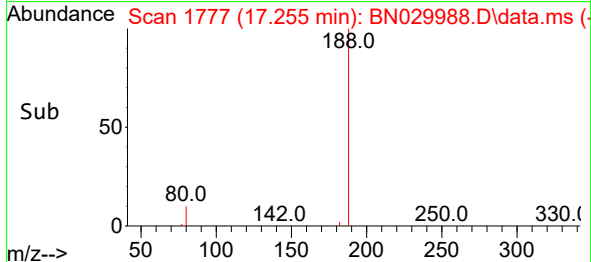
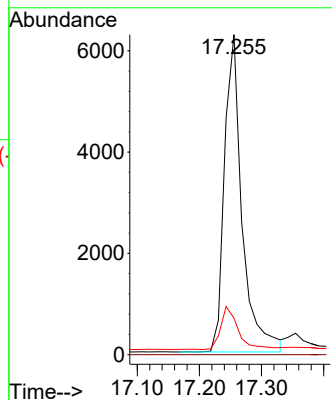
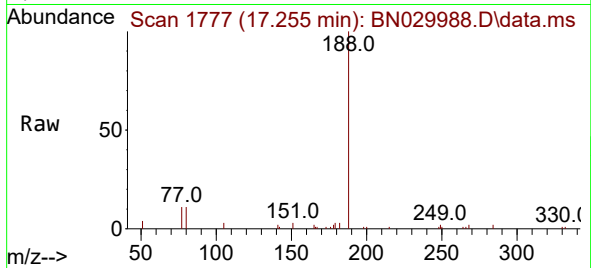




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN029988.D
Acq: 24 Feb 2024 11:18

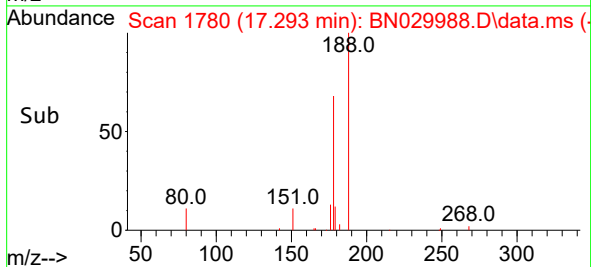
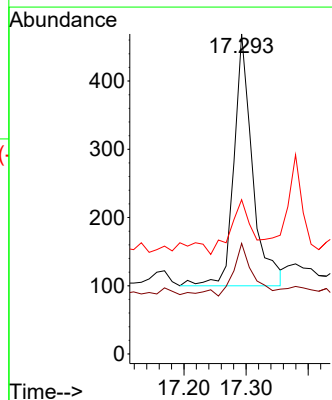
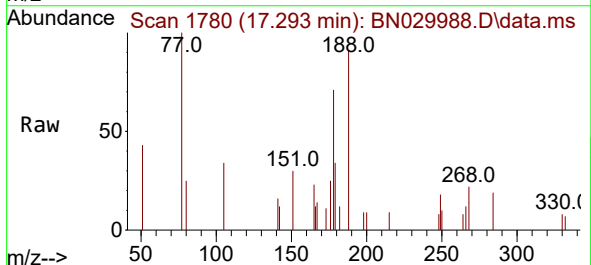
Instrument :
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ClientSampleId :
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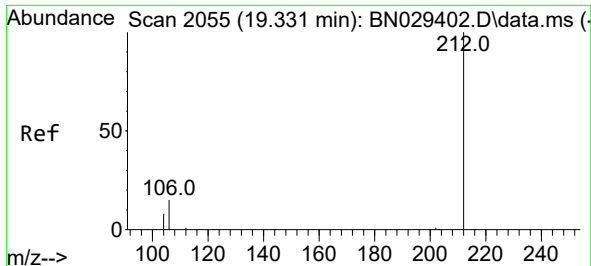
Tgt Ion:188 Resp: 12323
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 10.0 15.0



#25
Phenanthrene
Concen: 0.021 ng
RT: 17.293 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BN029988.D
Acq: 24 Feb 2024 11:18

Tgt Ion:178 Resp: 766
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 24.9 12.6 19.0#

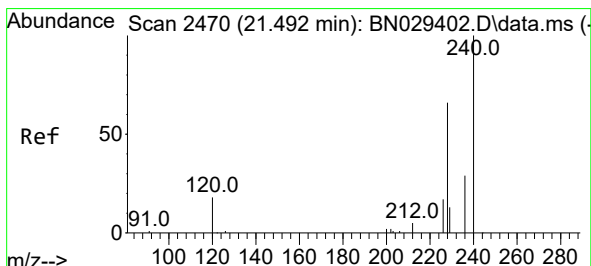
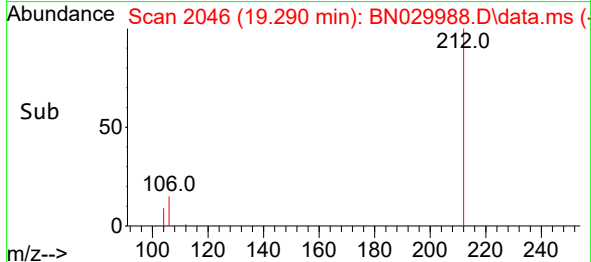
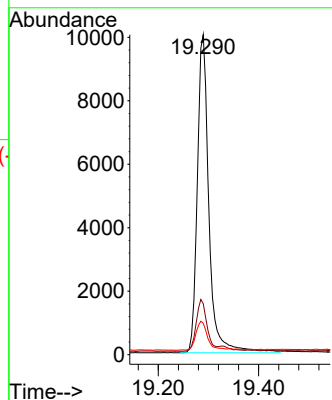
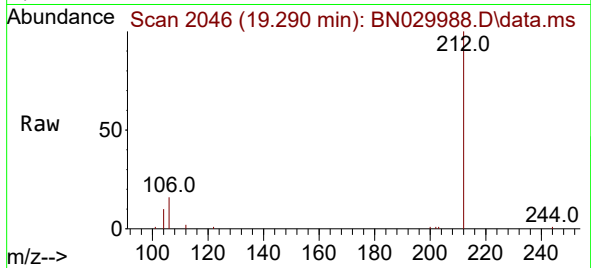




#27
Fluoranthene-d10
Concen: 0.539 ng
RT: 19.290 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN029988.D
Acq: 24 Feb 2024 11:18

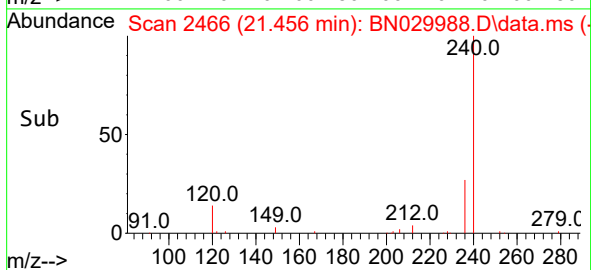
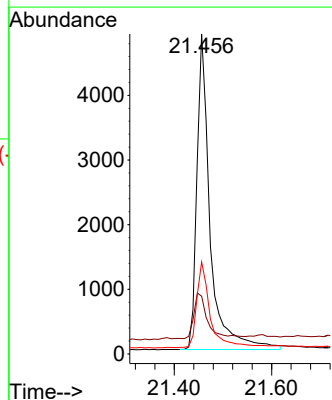
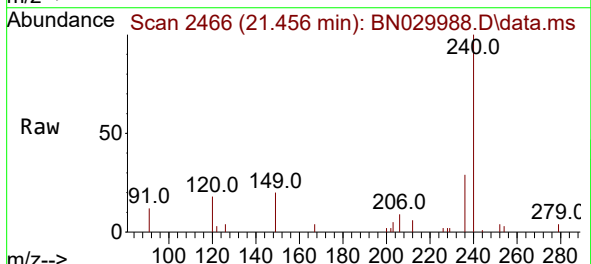
Instrument :
BNA_N
ClientSampleId :
RE131D2-20240214

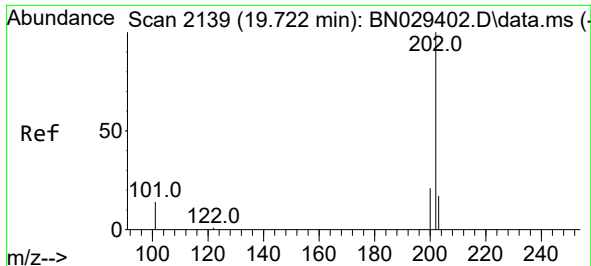
Tgt Ion:212 Resp: 16074
Ion Ratio Lower Upper
212 100
106 15.1 13.2 19.8
104 9.2 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. 0.000 min
Lab File: BN029988.D
Acq: 24 Feb 2024 11:18

Tgt Ion:240 Resp: 9210
Ion Ratio Lower Upper
240 100
120 18.0 16.7 25.1
236 28.7 23.9 35.9

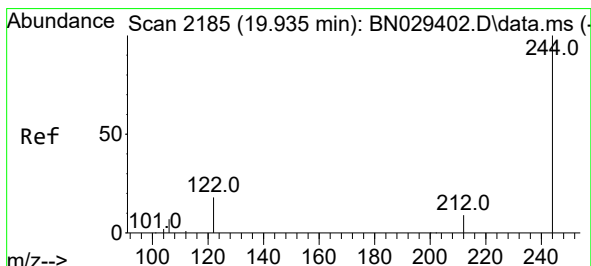
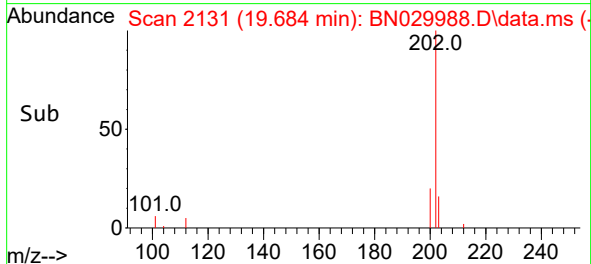
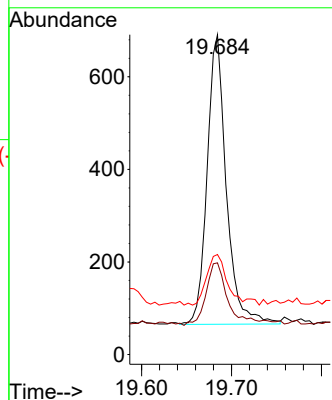
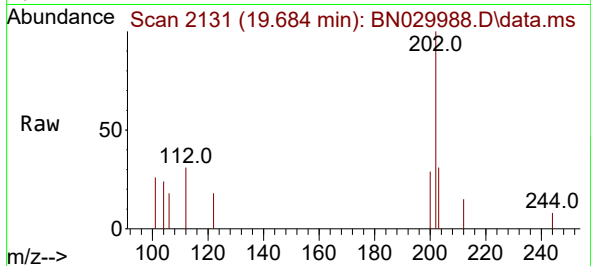




#30
Pyrene
Concen: 0.022 ng
RT: 19.684 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BN029988.D
Acq: 24 Feb 2024 11:18

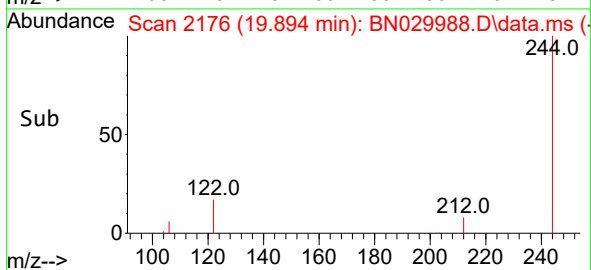
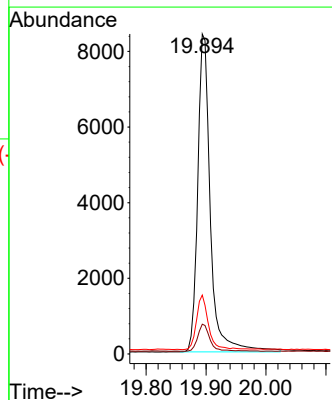
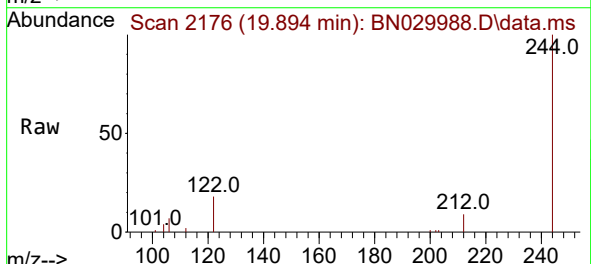
Instrument :
BNA_N
ClientSampleId :
RE131D2-20240214

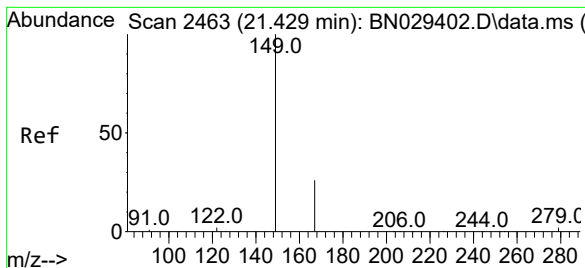
Tgt Ion:202 Resp: 930
Ion Ratio Lower Upper
202 100
200 24.3 16.6 25.0
203 18.0 14.2 21.4



#31
Terphenyl-d14
Concen: 0.539 ng
RT: 19.894 min Scan# 2176
Delta R.T. -0.004 min
Lab File: BN029988.D
Acq: 24 Feb 2024 11:18

Tgt Ion:244 Resp: 12319
Ion Ratio Lower Upper
244 100
212 9.3 8.2 12.4
122 18.4 15.6 23.4

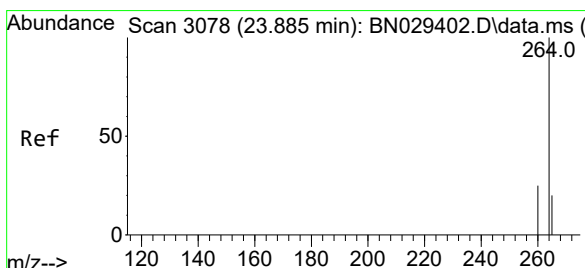
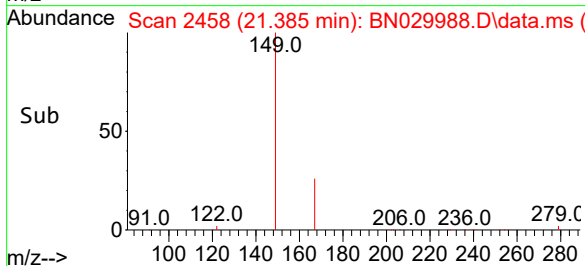
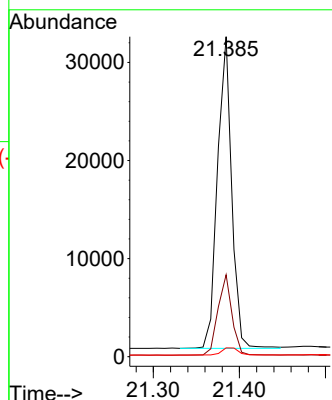
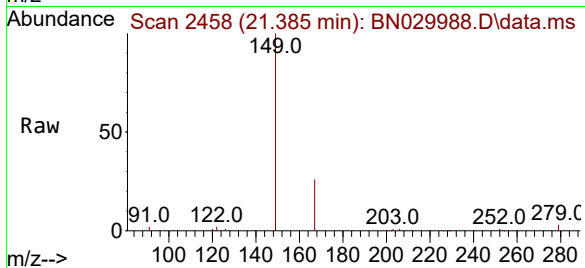




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.691 ng
 RT: 21.385 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BN029988.D
 Acq: 24 Feb 2024 11:18

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20240214

Tgt Ion:149 Resp: 36266
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.1 30.1
 279 2.9 2.5 3.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.821 min Scan# 3056
 Delta R.T. 0.000 min
 Lab File: BN029988.D
 Acq: 24 Feb 2024 11:18

Tgt Ion:264 Resp: 7991
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.2 31.8
 265 82.6 41.5 62.3#

