

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012624\
 Data File : BN029396.D
 Acq On : 26 Jan 2024 16:47
 Operator : MA/JU
 Sample : P1263-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB01-012524

Quant Time: Jan 26 17:13:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 01:42:55 2024
 Response via : Initial Calibration

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

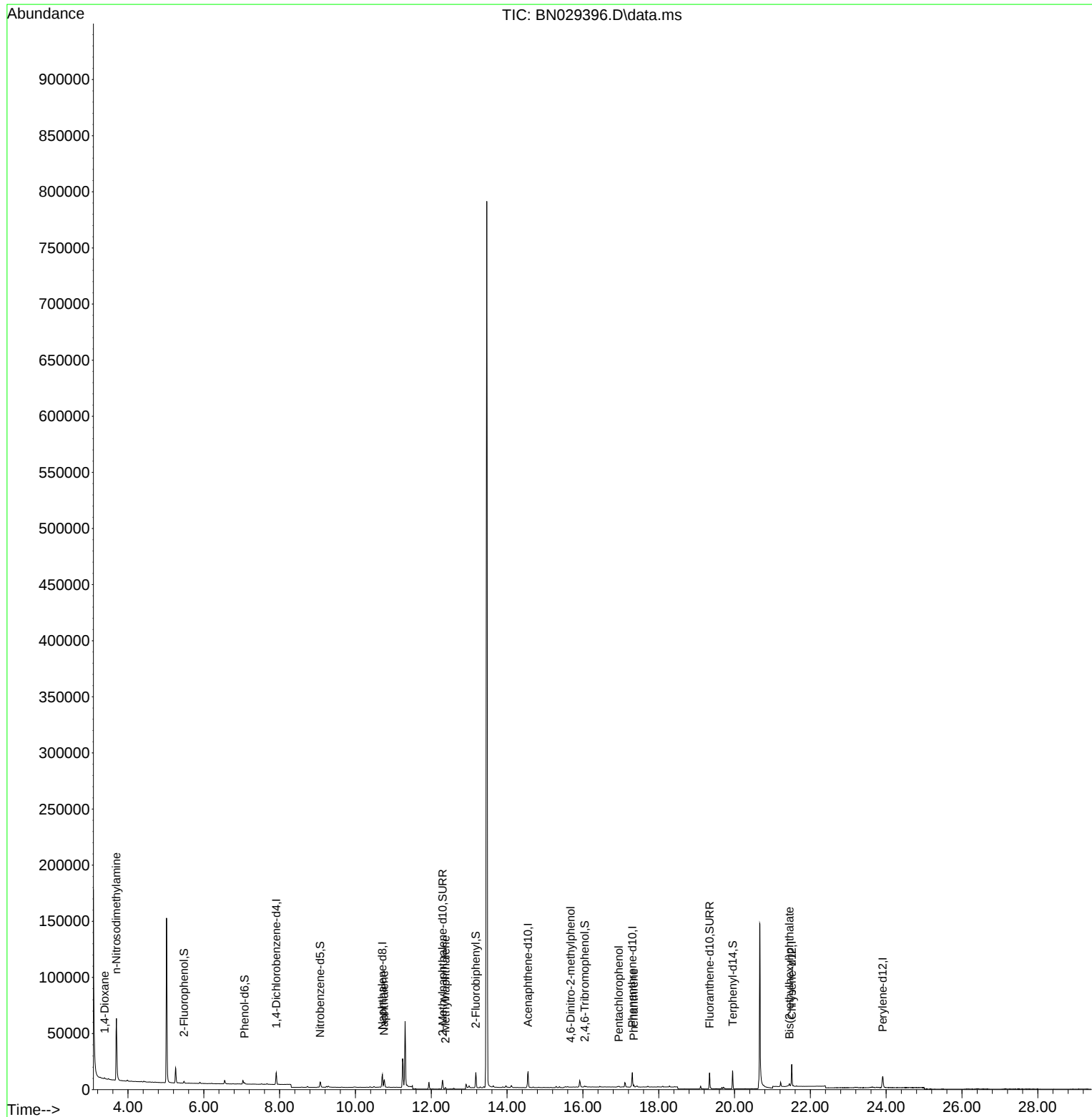
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	5113	0.400	ng	0.00
7) Naphthalene-d8	10.712	136	14967	0.400	ng	0.00
13) Acenaphthene-d10	14.554	164	7857	0.400	ng	0.00
19) Phenanthrene-d10	17.305	188	17100	0.400	ng	0.00
29) Chrysene-d12	21.510	240	16538	0.400	ng	# 0.00
35) Perylene-d12	23.908	264	14768	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.478	112	1318	0.094	ng	0.00
5) Phenol-d6	7.074	99	1093	0.058	ng	0.00
8) Nitrobenzene-d5	9.067	82	4390	0.279	ng	-0.01
11) 2-Methylnaphthalene-d10	12.299	152	7251	0.304	ng	0.00
14) 2,4,6-Tribromophenol	16.051	330	523	0.151	ng	0.00
15) 2-Fluorobiphenyl	13.175	172	11489	0.316	ng	0.00
27) Fluoranthene-d10	19.341	212	15435	0.313	ng	0.00
31) Terphenyl-d14	19.949	244	14722	0.357	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.384	88	446	0.065	ng	# 1
3) n-Nitrosodimethylamine	3.694	42	4941	0.737	ng	# 1
9) Naphthalene	10.754	128	8350	0.175	ng	97
12) 2-Methylnaphthalene	12.374	142	920	0.030	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.679	198	4	0.119	ng	# 1
24) Pentachlorophenol	16.945	266	112	0.129	ng	90
25) Phenanthrene	17.342	178	1627	0.028	ng	97
34) Bis(2-ethylhexyl)phtha...	21.447	149	1961	0.047	ng	# 79

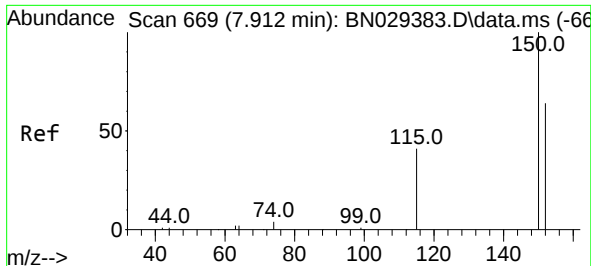
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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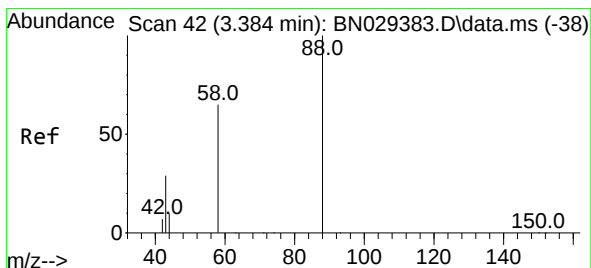
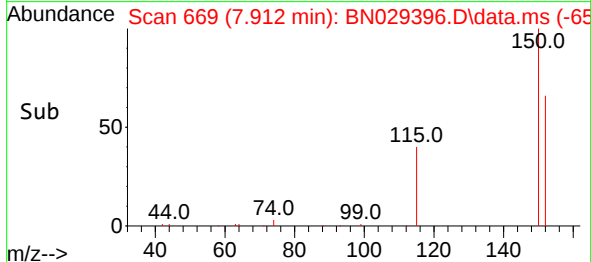
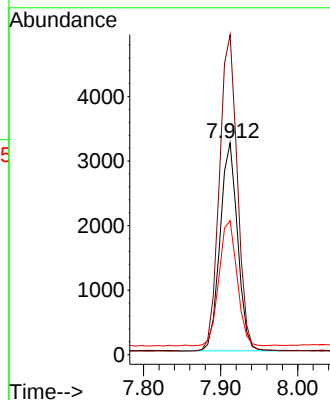
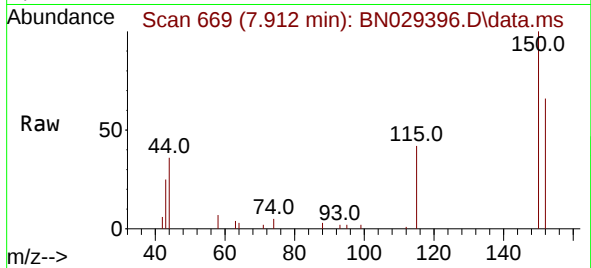




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.912 min Scan# 669
 Delta R.T. 0.000 min
 Lab File: BN029396.D
 Acq: 26 Jan 2024 16:47

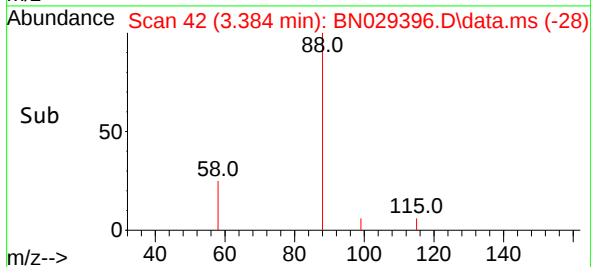
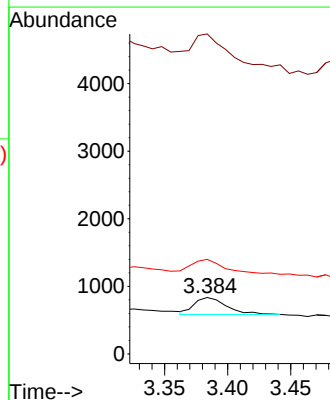
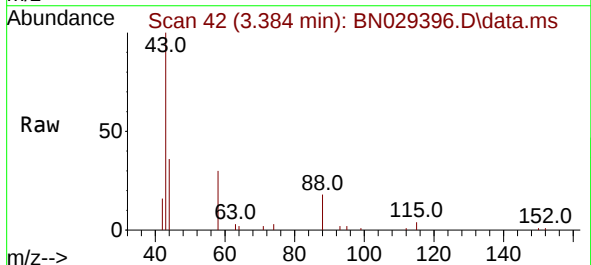
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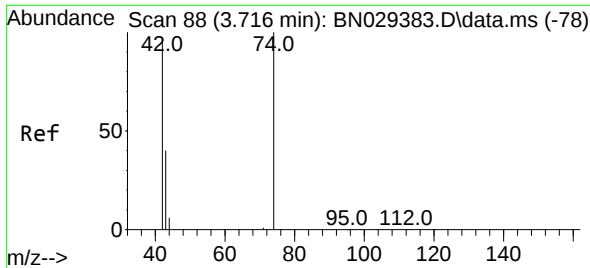
Tgt Ion:152 Resp: 5113
 Ion Ratio Lower Upper
 152 100
 150 151.0 123.6 185.4
 115 63.3 53.2 79.8



#2
 1,4-Dioxane
 Concen: 0.065 ng
 RT: 3.384 min Scan# 42
 Delta R.T. -0.000 min
 Lab File: BN029396.D
 Acq: 26 Jan 2024 16:47

Tgt Ion: 88 Resp: 446
 Ion Ratio Lower Upper
 88 100
 43 196.9 25.3 37.9#
 58 95.7 56.9 85.3#

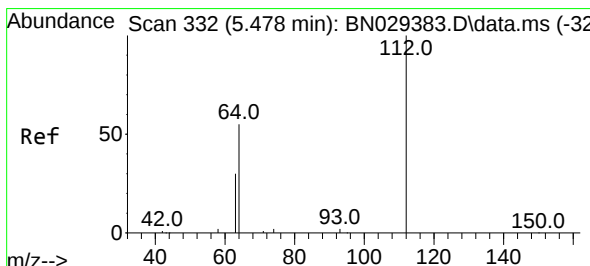
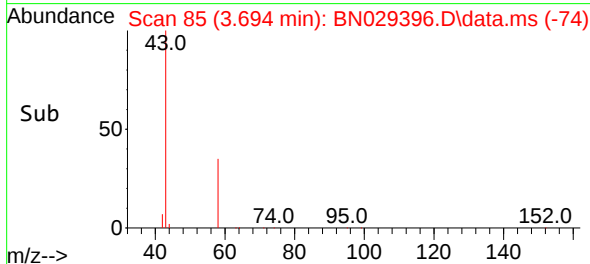
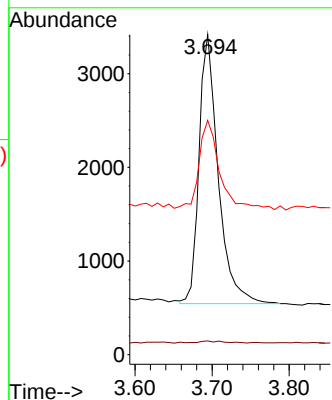
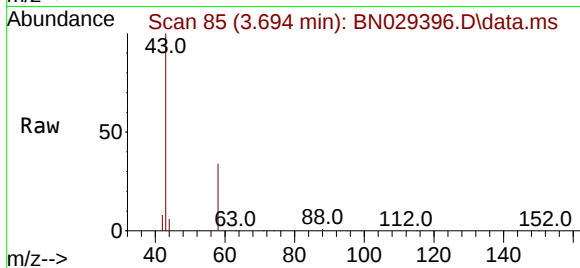




#3
 n-Nitrosodimethylamine
 Concen: 0.737 ng
 RT: 3.694 min Scan# 81
 Delta R.T. -0.022 min
 Lab File: BN029396.D
 Acq: 26 Jan 2024 16:47

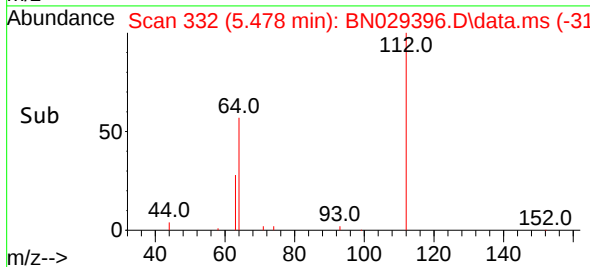
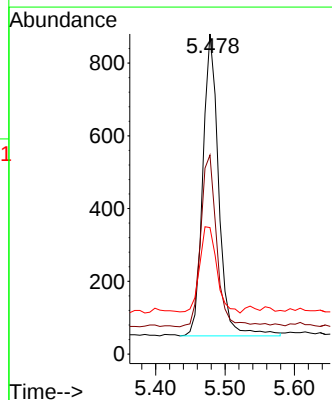
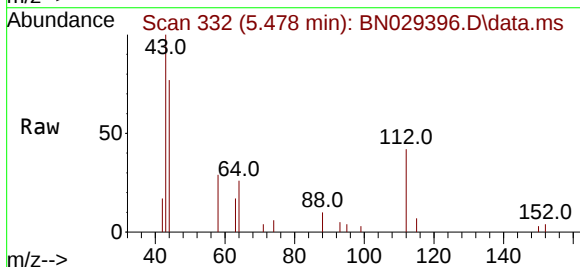
Instrument :
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 ClientSampleId :
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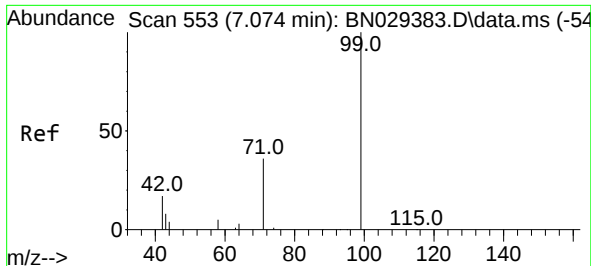
Tgt Ion: 42 Resp: 4941
 Ion Ratio Lower Upper
 42 100
 74 1.2 93.5 140.3#
 44 35.5 3.1 4.7#



#4
 2-Fluorophenol
 Concen: 0.094 ng
 RT: 5.478 min Scan# 332
 Delta R.T. -0.000 min
 Lab File: BN029396.D
 Acq: 26 Jan 2024 16:47

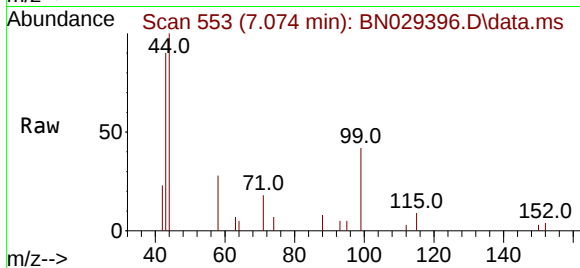
Tgt Ion: 112 Resp: 1318
 Ion Ratio Lower Upper
 112 100
 64 58.4 46.2 69.4
 63 30.8 25.8 38.8



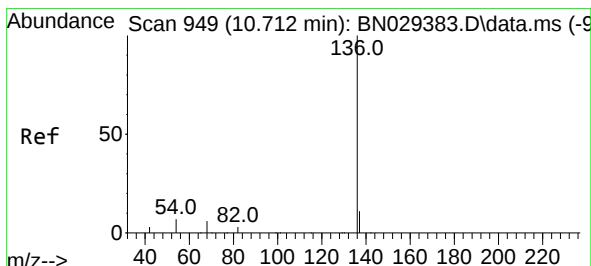
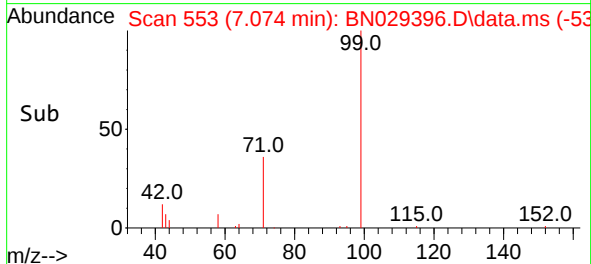
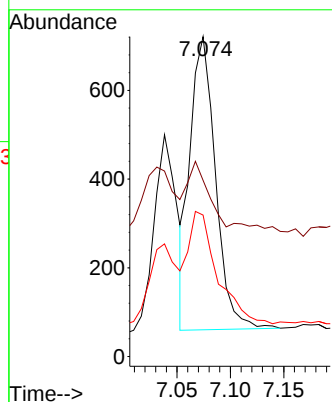


#5
Phenol-d6
Concen: 0.058 ng
RT: 7.074 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN029396.D
Acq: 26 Jan 2024 16:47

Instrument :
BNA_N
ClientSampleId :
EB01-012524

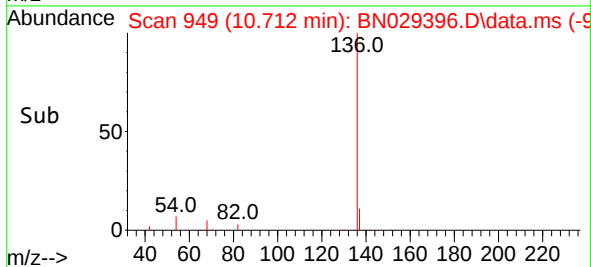
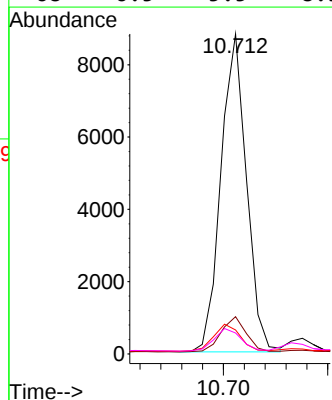
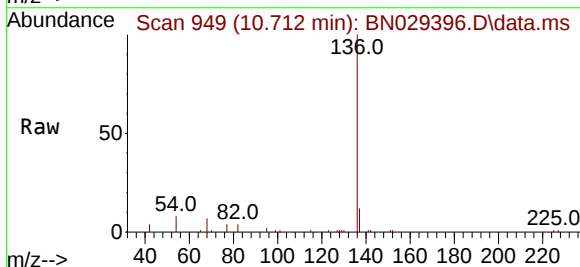


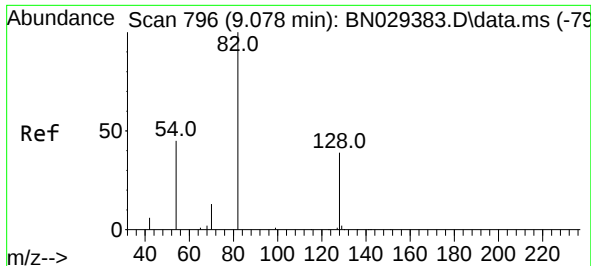
Tgt Ion:	99	Resp:	1093
Ion	Ratio	Lower	Upper
99	100		
42	23.6	16.9	25.3
71	43.8	29.7	44.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.712 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN029396.D
Acq: 26 Jan 2024 16:47

Tgt Ion:	136	Resp:	14967
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	7.5	6.4	9.6
68	6.5	5.5	8.3

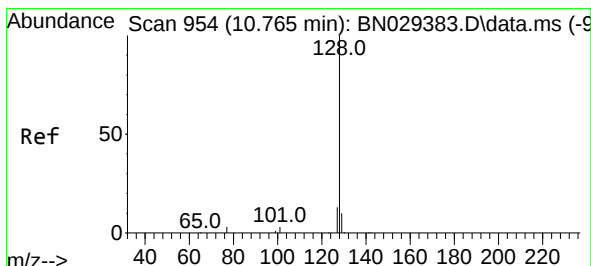
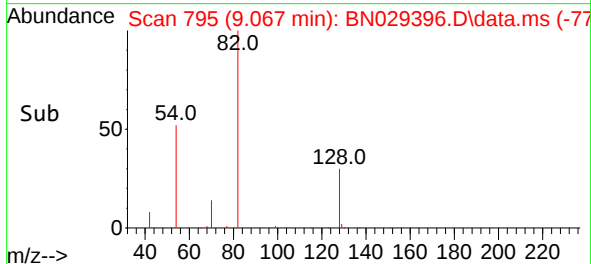
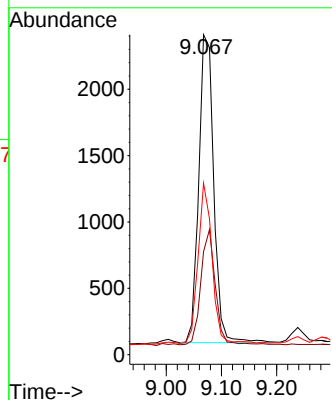
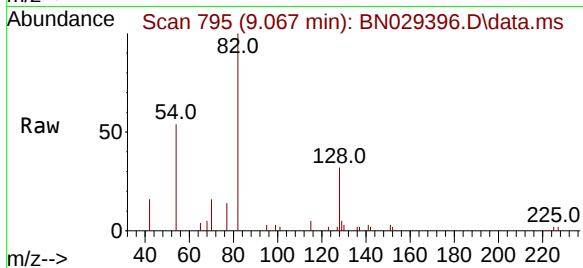




#8
Nitrobenzene-d5
Concen: 0.279 ng
RT: 9.067 min Scan# 795
Delta R.T. -0.011 min
Lab File: BN029396.D
Acq: 26 Jan 2024 16:47

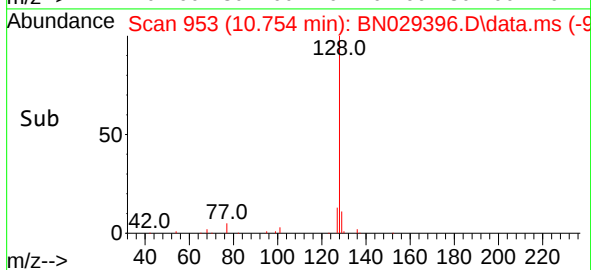
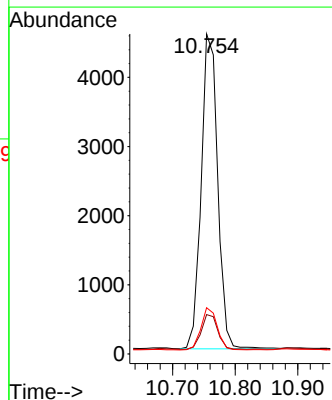
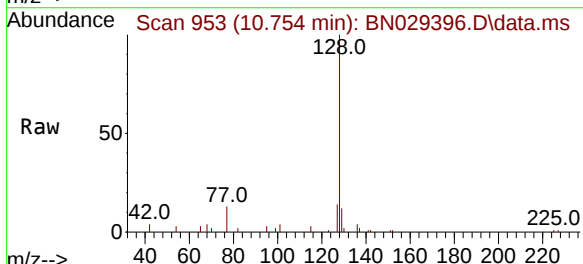
Instrument :
BNA_N
ClientSampleId :
EB01-012524

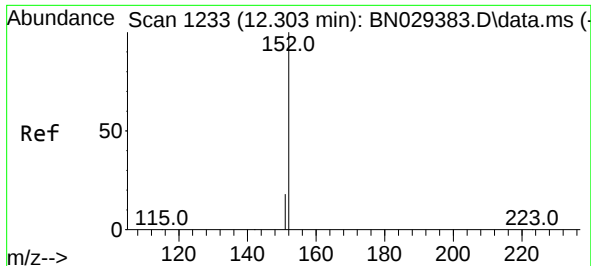
Tgt Ion: 82 Resp: 4390
Ion Ratio Lower Upper
82 100
128 32.2 33.0 49.6#
54 53.6 37.6 56.4



#9
Naphthalene
Concen: 0.175 ng
RT: 10.754 min Scan# 953
Delta R.T. -0.011 min
Lab File: BN029396.D
Acq: 26 Jan 2024 16:47

Tgt Ion: 128 Resp: 8350
Ion Ratio Lower Upper
128 100
129 12.3 9.0 13.6
127 14.5 10.6 15.8

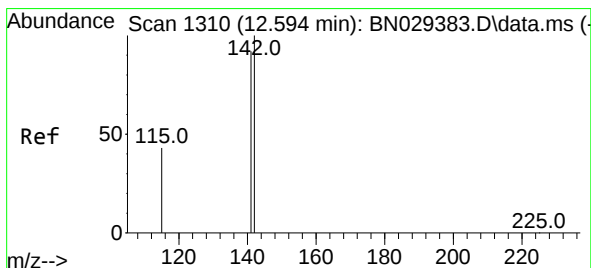
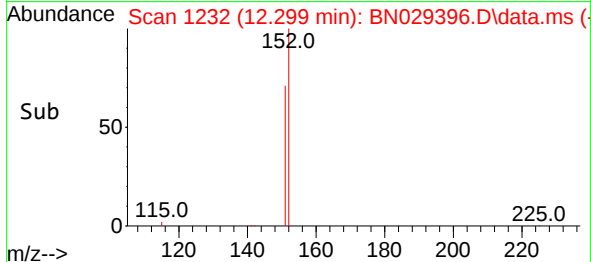
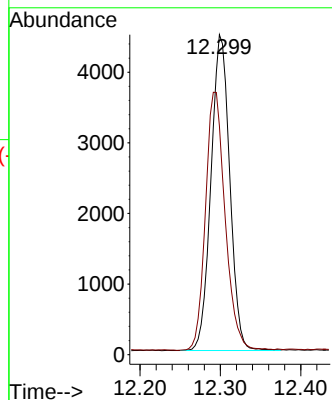
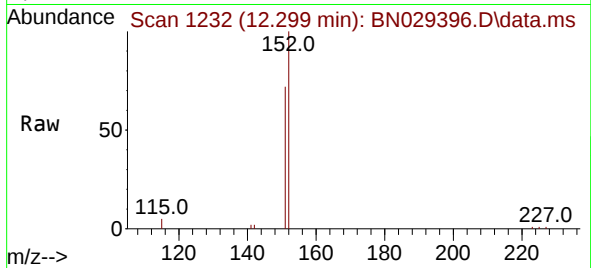




#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 12.299 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN029396.D
Acq: 26 Jan 2024 16:47

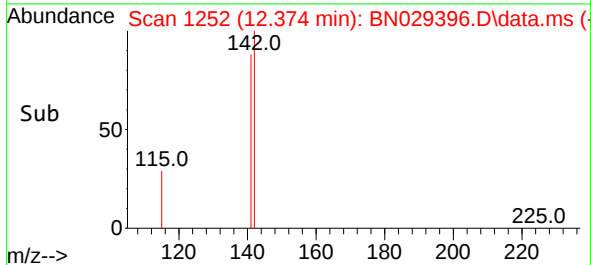
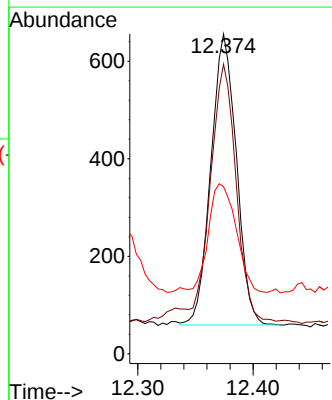
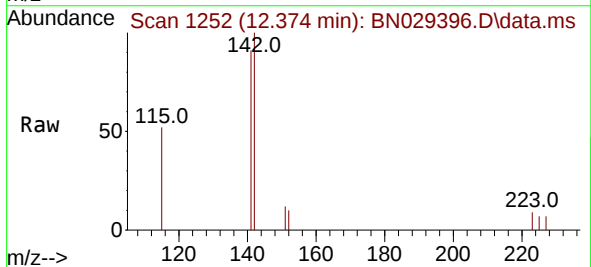
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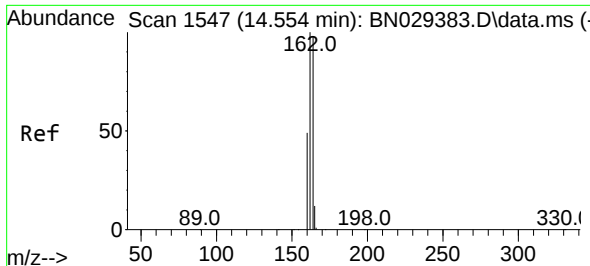
Tgt Ion:152 Resp: 7251
Ion Ratio Lower Upper
152 100
151 85.9 16.8 25.2#



#12
2-Methylnaphthalene
Concen: 0.030 ng
RT: 12.374 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BN029396.D
Acq: 26 Jan 2024 16:47

Tgt Ion:142 Resp: 920
Ion Ratio Lower Upper
142 100
141 90.5 71.0 106.4
115 52.3 34.3 51.5#

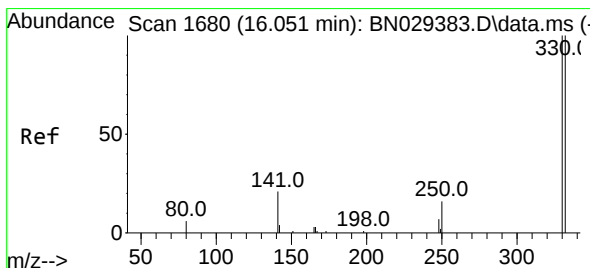
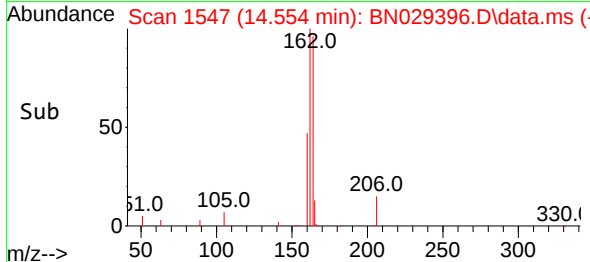
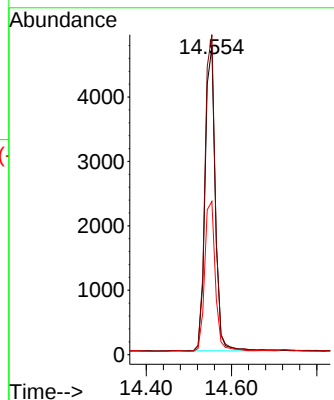
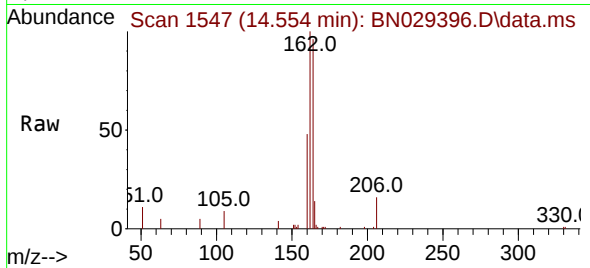




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.554 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN029396.D
 Acq: 26 Jan 2024 16:47

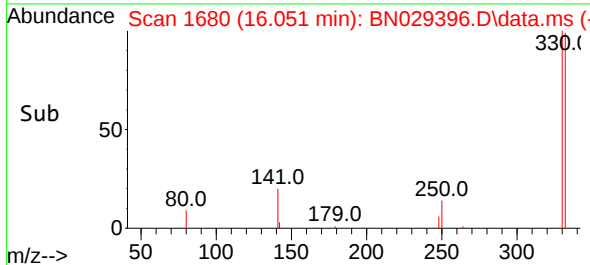
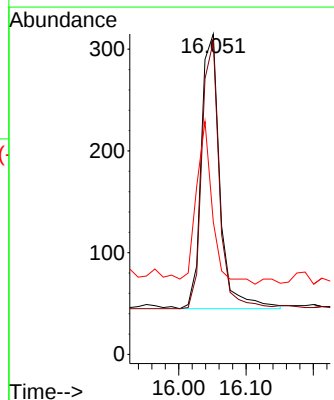
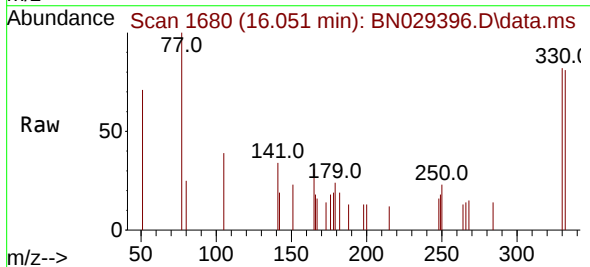
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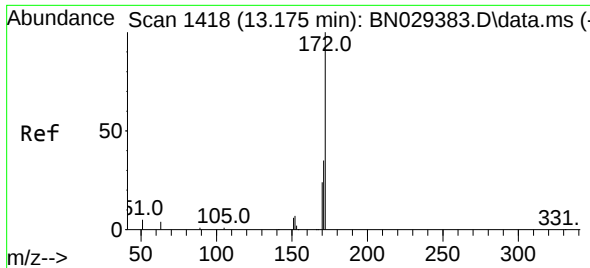
Tgt Ion:164 Resp: 7857
 Ion Ratio Lower Upper
 164 100
 162 103.9 81.3 121.9
 160 49.8 40.2 60.2



#14
 2,4,6-Tribromophenol
 Concen: 0.151 ng
 RT: 16.051 min Scan# 1680
 Delta R.T. -0.000 min
 Lab File: BN029396.D
 Acq: 26 Jan 2024 16:47

Tgt Ion:330 Resp: 523
 Ion Ratio Lower Upper
 330 100
 332 90.8 75.5 113.3
 141 50.7 43.0 64.6

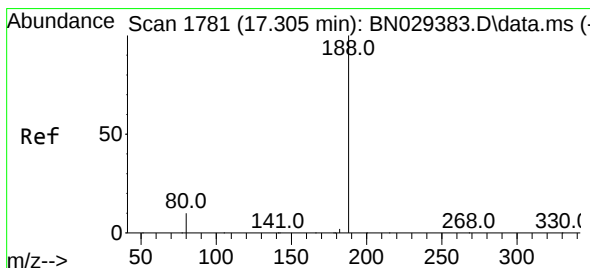
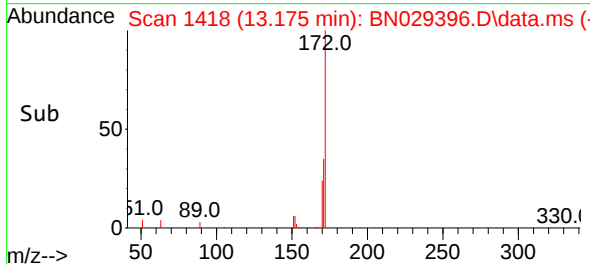
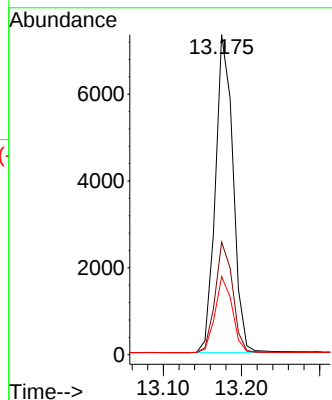
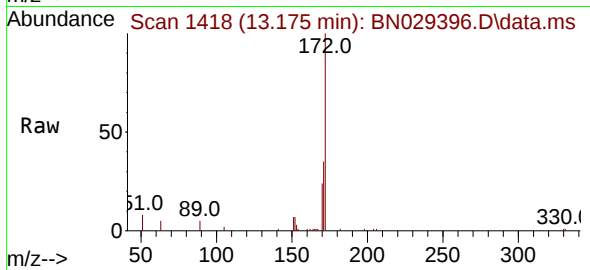




#15
2-Fluorobiphenyl
Concen: 0.316 ng
RT: 13.175 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BN029396.D
Acq: 26 Jan 2024 16:47

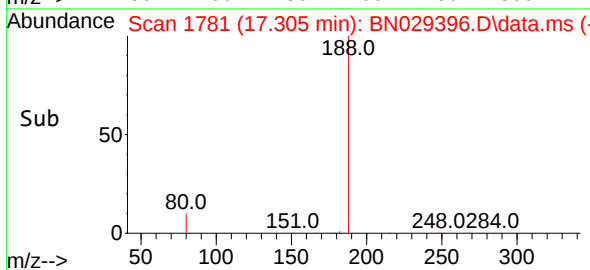
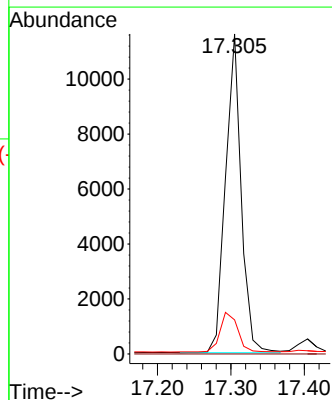
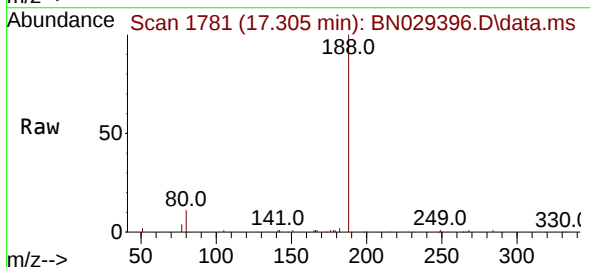
Instrument :
BNA_N
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EB01-012524

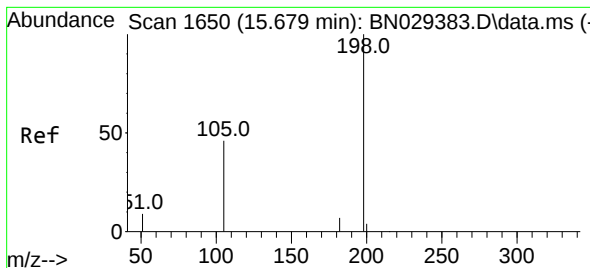
Tgt Ion:172 Resp: 11489
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 24.4 20.1 30.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.305 min Scan# 1781
Delta R.T. -0.000 min
Lab File: BN029396.D
Acq: 26 Jan 2024 16:47

Tgt Ion:188 Resp: 17100
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.7 8.8 13.2

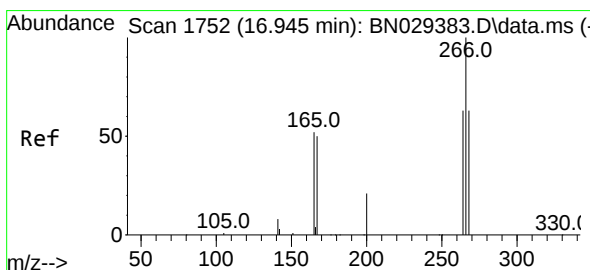
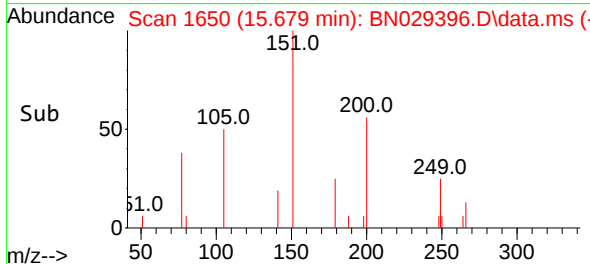
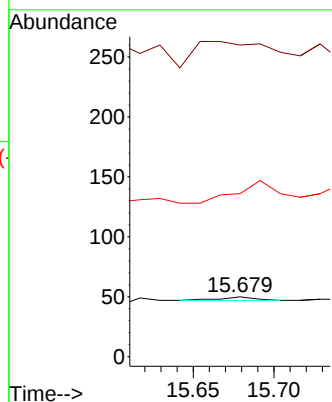
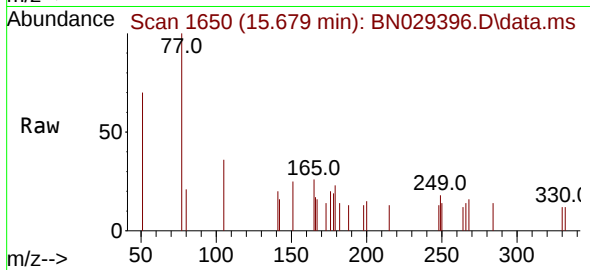




#20
4,6-Dinitro-2-methylphenol
Concen: 0.119 ng
RT: 15.679 min Scan# 1650
Delta R.T. -0.000 min
Lab File: BN029396.D
Acq: 26 Jan 2024 16:47

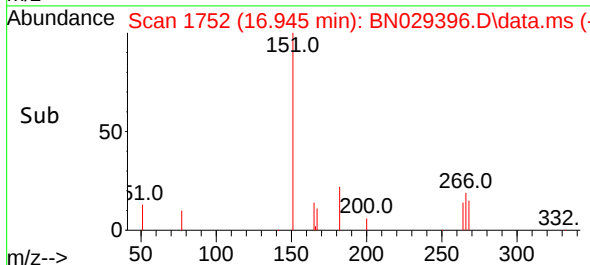
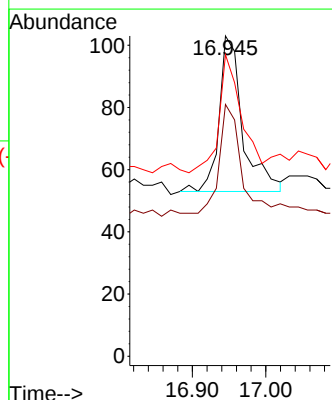
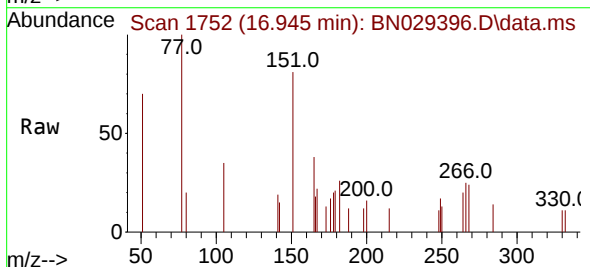
Instrument :
BNA_N
ClientSampleId :
EB01-012524

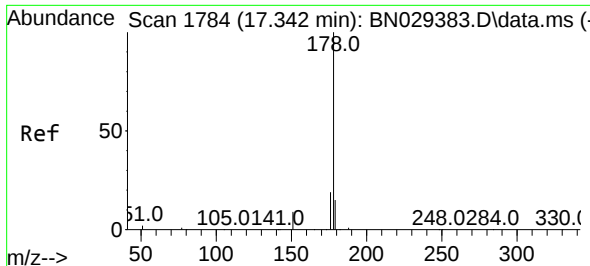
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 520.0 68.3 102.5#
105 272.0 48.8 73.2#



#24
Pentachlorophenol
Concen: 0.129 ng
RT: 16.945 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BN029396.D
Acq: 26 Jan 2024 16:47

Tgt Ion:266 Resp: 112
Ion Ratio Lower Upper
266 100
264 68.8 50.6 75.8
268 75.0 51.9 77.9

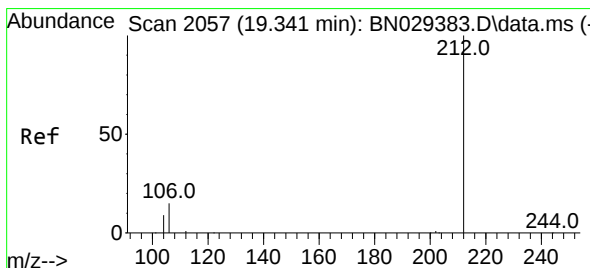
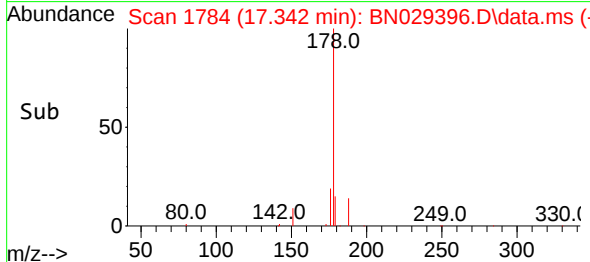
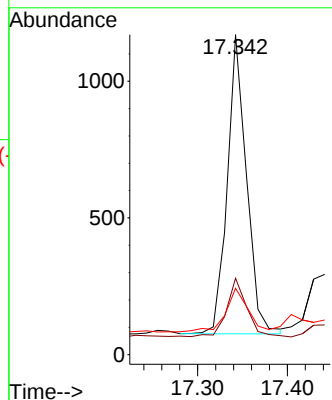
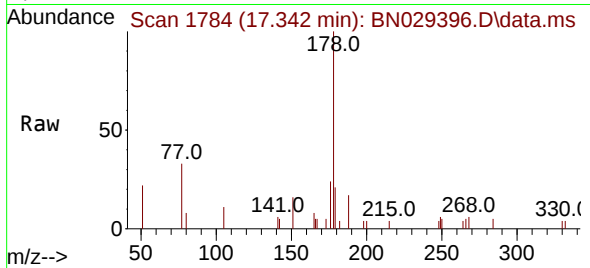




#25
Phenanthrene
Concen: 0.028 ng
RT: 17.342 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BN029396.D
Acq: 26 Jan 2024 16:47

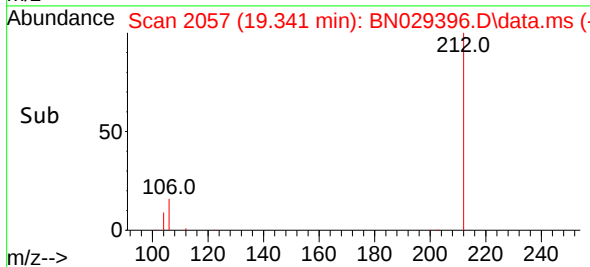
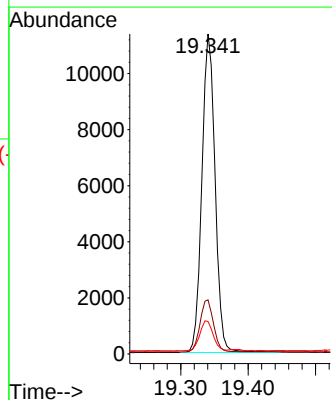
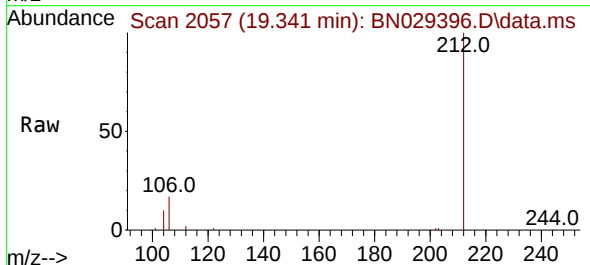
Instrument :
BNA_N
ClientSampleId :
EB01-012524

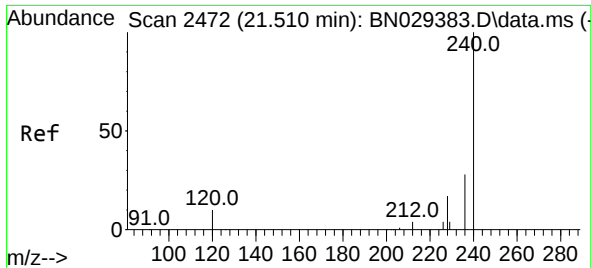
Tgt Ion:178 Resp: 1627
Ion Ratio Lower Upper
178 100
176 20.6 15.4 23.2
179 16.5 12.2 18.4



#27
Fluoranthene-d10
Concen: 0.313 ng
RT: 19.341 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BN029396.D
Acq: 26 Jan 2024 16:47

Tgt Ion:212 Resp: 15435
Ion Ratio Lower Upper
212 100
106 16.8 12.8 19.2
104 9.7 7.7 11.5

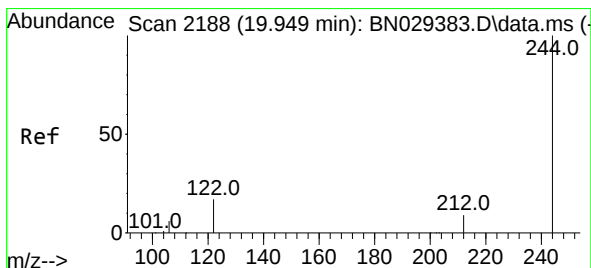
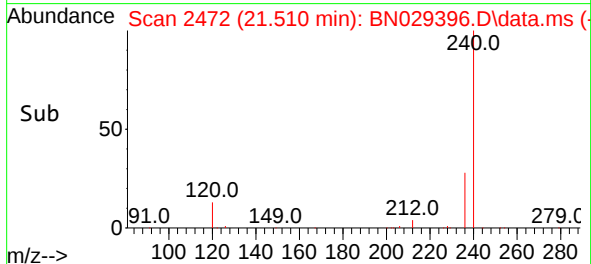
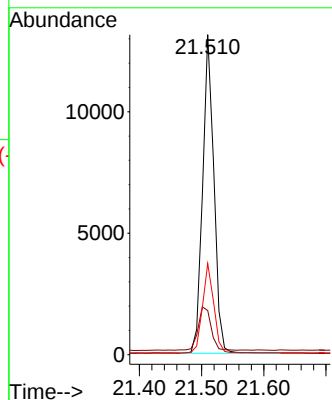
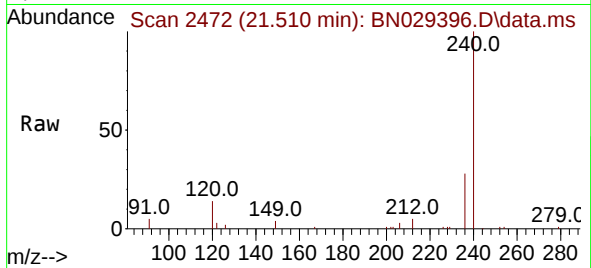




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.510 min Scan# 2472
Delta R.T. -0.000 min
Lab File: BN029396.D
Acq: 26 Jan 2024 16:47

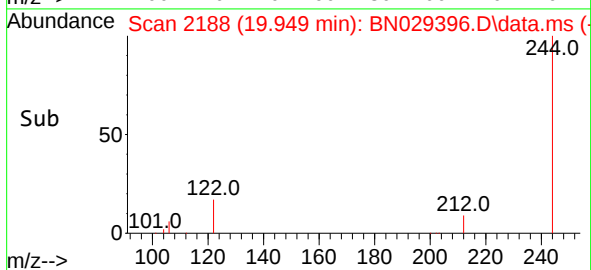
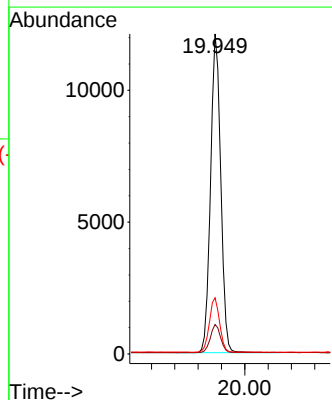
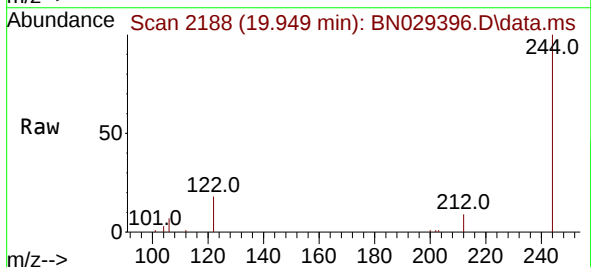
Instrument :
BNA_N
ClientSampleId :
EB01-012524

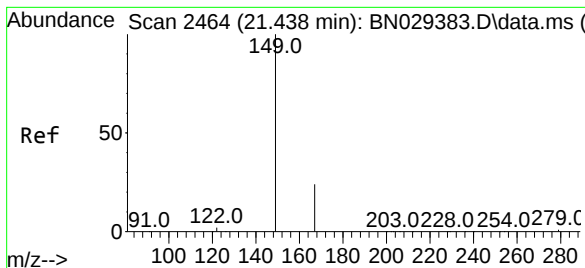
Tgt Ion:240 Resp: 16538
Ion Ratio Lower Upper
240 100
120 13.8 9.0 13.6#
236 28.5 22.6 34.0



#31
Terphenyl-d14
Concen: 0.357 ng
RT: 19.949 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BN029396.D
Acq: 26 Jan 2024 16:47

Tgt Ion:244 Resp: 14722
Ion Ratio Lower Upper
244 100
212 9.2 7.6 11.4
122 17.6 13.8 20.8

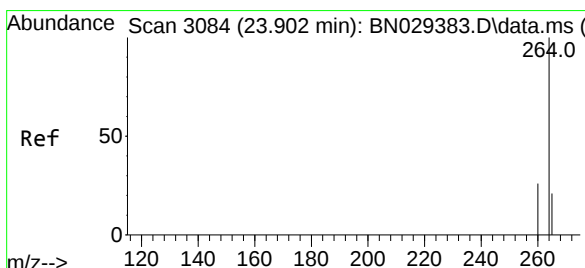
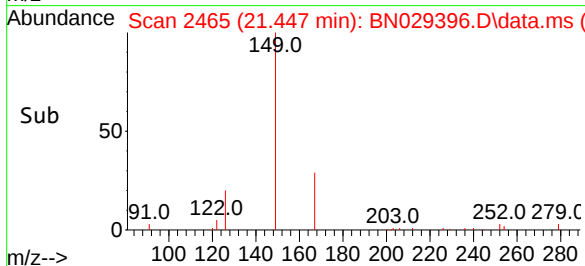
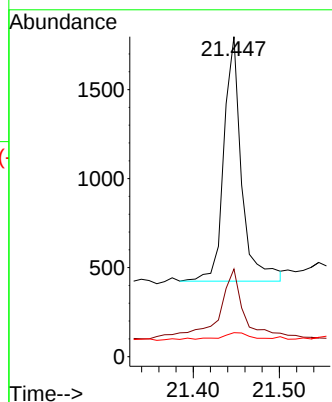
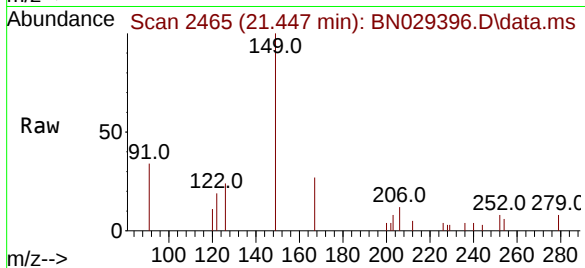




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.047 ng
 RT: 21.447 min Scan# 2465
 Delta R.T. 0.009 min
 Lab File: BN029396.D
 Acq: 26 Jan 2024 16:47

Instrument :
 BNA_N
 ClientSampleId :
 EB01-012524

Tgt Ion:149 Resp: 1961
 Ion Ratio Lower Upper
 149 100
 167 35.1 19.5 29.3#
 279 6.5 2.1 3.1#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.908 min Scan# 3086
 Delta R.T. 0.006 min
 Lab File: BN029396.D
 Acq: 26 Jan 2024 16:47

Tgt Ion:264 Resp: 14768
 Ion Ratio Lower Upper
 264 100
 260 26.2 21.3 31.9
 265 33.6 25.7 38.5

