

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032587.D
 Acq On : 09 Jul 2024 14:38
 Operator : MA/JU
 Sample : P3127-06
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-770-772

Manual Integrations
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Reviewed By :Jagrut Upadhyay 07/10/2024
 Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 09 15:19:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 02:39:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	3783	0.400	ng	0.00
7) Naphthalene-d8	10.368	136	13024	0.400	ng	-0.01
13) Acenaphthene-d10	14.231	164	8902	0.400	ng	0.00
19) Phenanthrene-d10	16.991	188	18943	0.400	ng	#-0.01
29) Chrysene-d12	21.202	240	14409	0.400	ng	# 0.00
35) Perylene-d12	23.420	264	13901	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	2285	0.239	ng	0.00
5) Phenol-d6	6.844	99	3532m	0.289	ng	0.02
8) Nitrobenzene-d5	8.798	82	2979m	0.306	ng	0.00
11) 2-Methylnaphthalene-d10	11.971	152	6737	0.327	ng	-0.01
14) 2,4,6-Tribromophenol	15.750	330	1059	0.263	ng	-0.01
15) 2-Fluorobiphenyl	12.852	172	11332	0.345	ng	-0.01
27) Fluoranthene-d10	19.035	212	14547	0.295	ng	0.00
31) Terphenyl-d14	19.630	244	14368	0.408	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.168	88	414	0.083	ng	# 54
9) Naphthalene	10.421	128	831	0.023	ng	# 56
25) Phenanthrene	17.041	178	1253	0.024	ng	95
30) Pyrene	19.435	202	1364	0.023	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.094	149	48151	1.487	ng	99

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

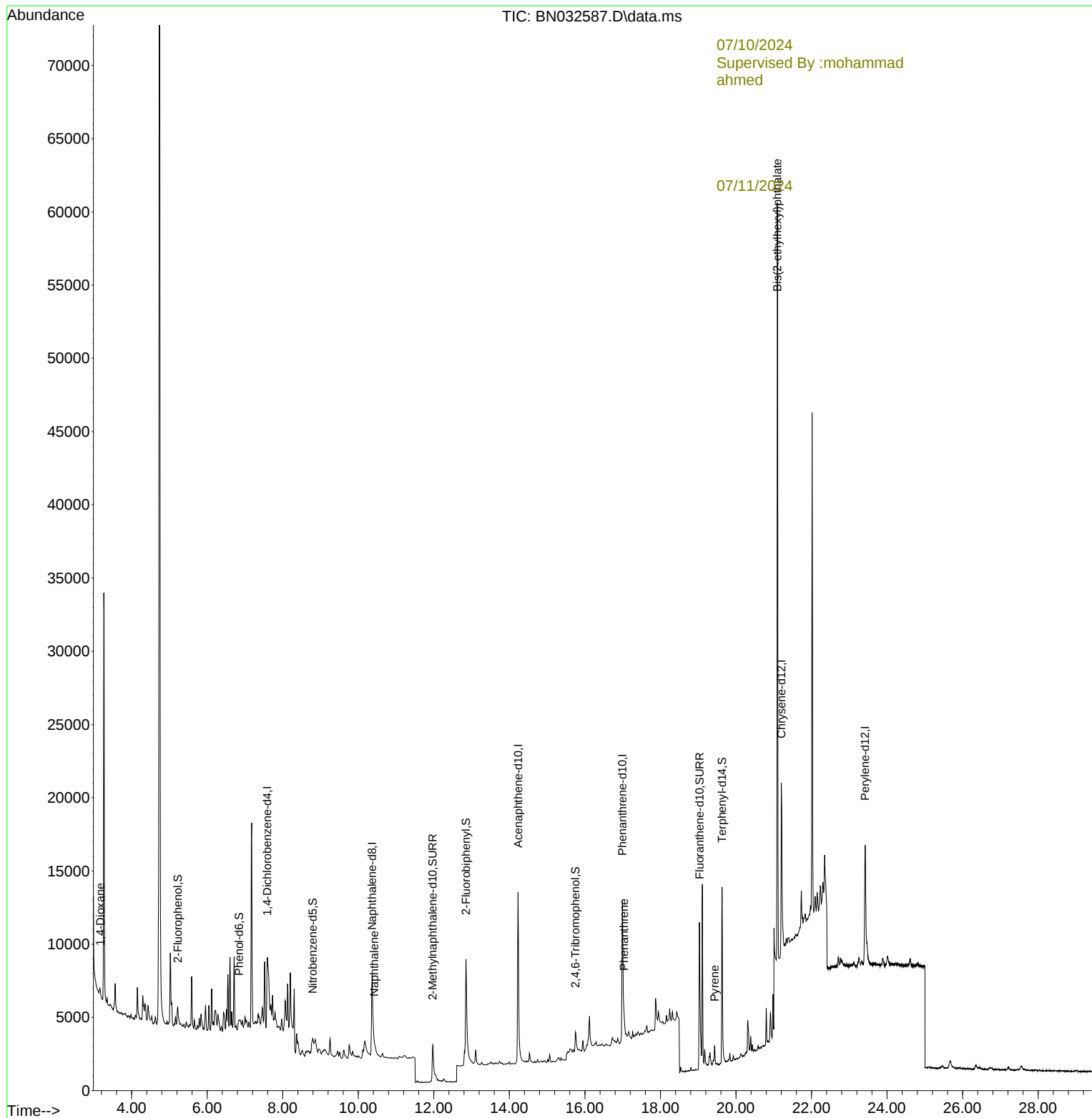
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032587.D
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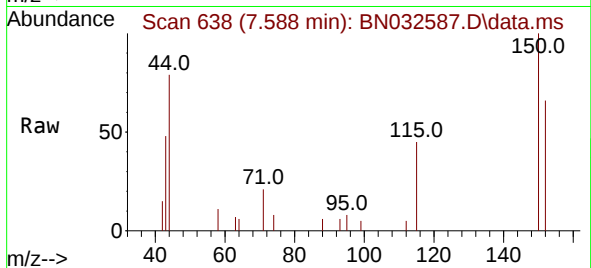
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#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.588 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN032587.D
Acq: 09 Jul 2024 14:38

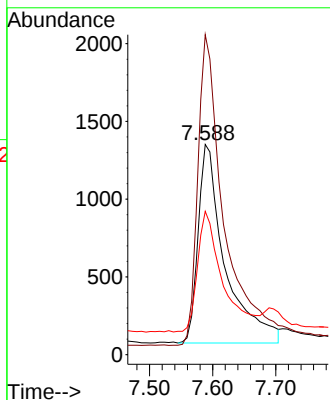
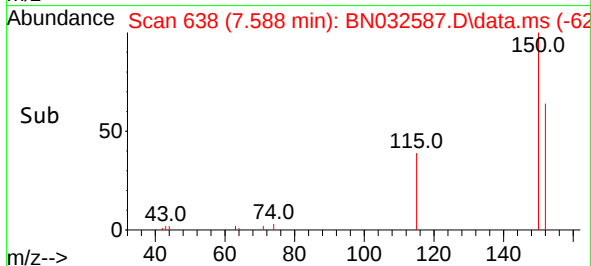
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-770-772



Tgt Ion:152 Resp: 378
Ion Ratio Lower Upper
152 100
150 152.2 121.6 182.4
115 68.2 53.1 79.7

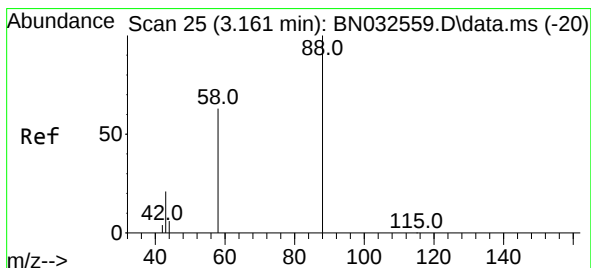
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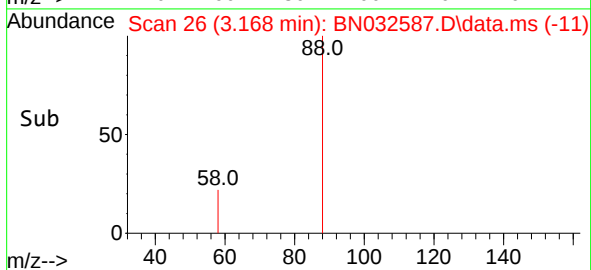
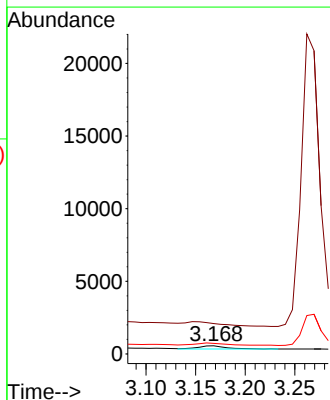
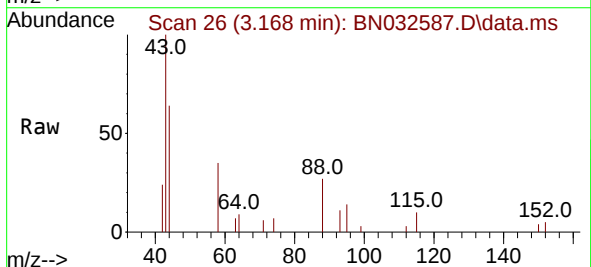
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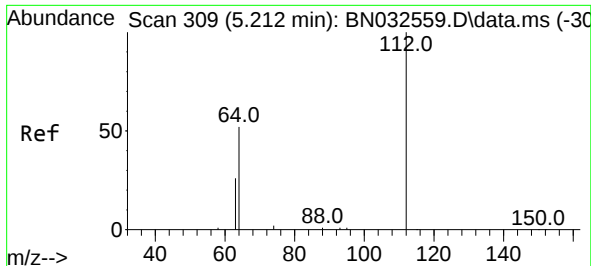
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#2
1,4-Dioxane
Concen: 0.083 ng
RT: 3.168 min Scan# 26
Delta R.T. 0.007 min
Lab File: BN032587.D
Acq: 09 Jul 2024 14:38

Tgt Ion: 88 Resp: 414
Ion Ratio Lower Upper
88 100
43 0.0 20.4 30.6#
58 98.1 51.0 76.6#





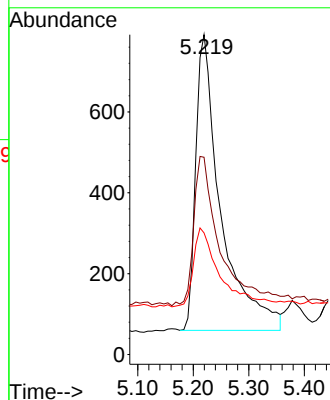
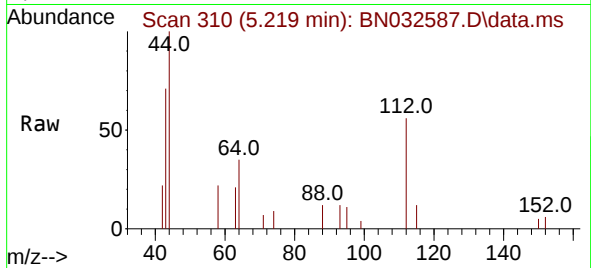
#4
2-Fluorophenol
Concen: 0.239 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN032587.D
Acq: 09 Jul 2024 14:38

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-770-772

Tgt Ion: 112 Resp: 228
Ion Ratio Lower Upper
112 100
64 53.2 41.2 61.8
63 28.5 21.6 32.4

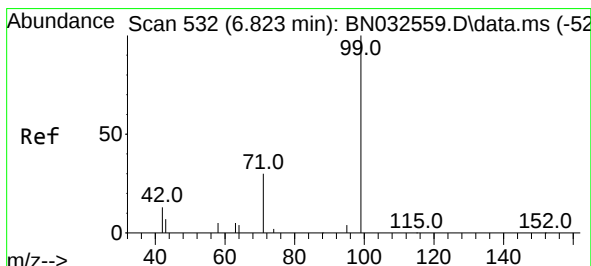
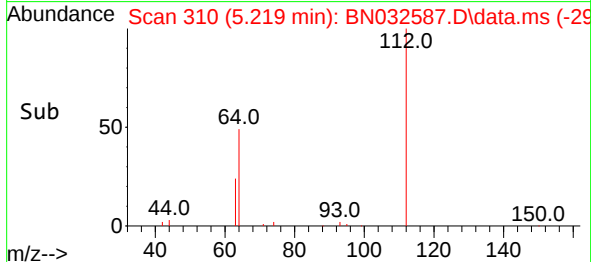
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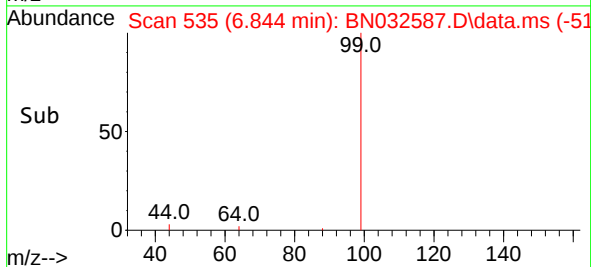
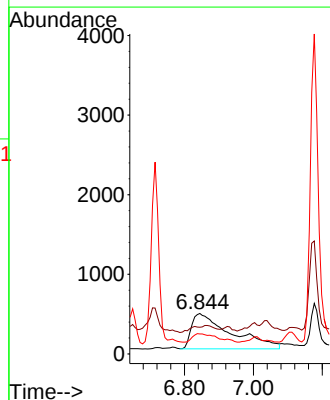
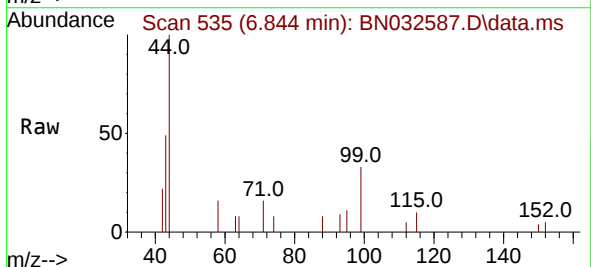
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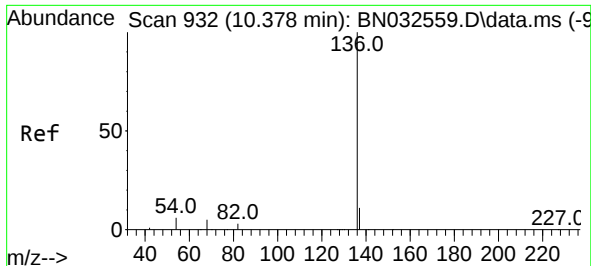
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#5
Phenol-d6
Concen: 0.289 ng m
RT: 6.844 min Scan# 535
Delta R.T. 0.022 min
Lab File: BN032587.D
Acq: 09 Jul 2024 14:38

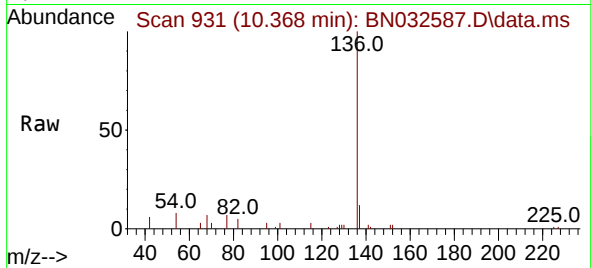
Tgt Ion: 99 Resp: 3532
Ion Ratio Lower Upper
99 100
42 4.7 10.6 16.0#
71 14.5 25.2 37.8#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.368 min Scan# 91
Delta R.T. -0.010 min
Lab File: BN032587.D
Acq: 09 Jul 2024 14:38

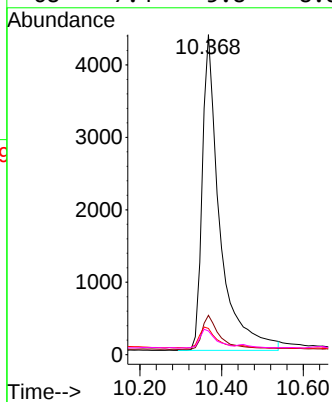
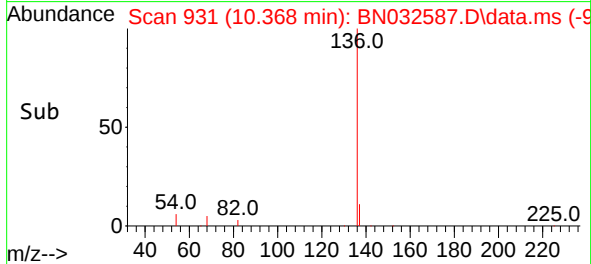
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-770-772



Tgt Ion: 136 Resp: 13024
Ion Ratio Lower Upper
136 100
137 12.3 10.0 15.0
54 8.2 6.6 9.8
68 7.4 5.8 8.8

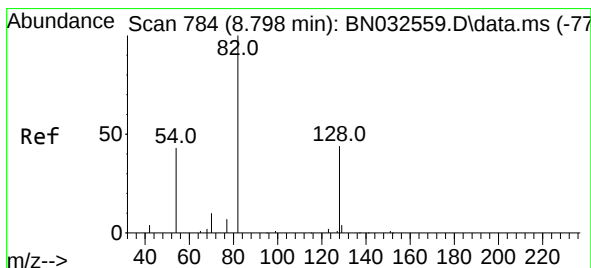
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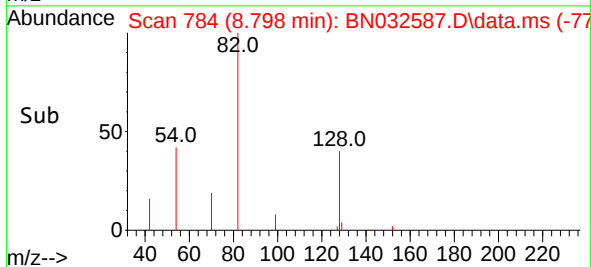
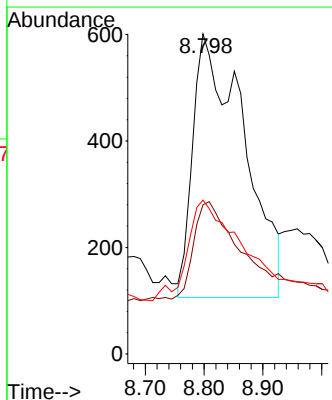
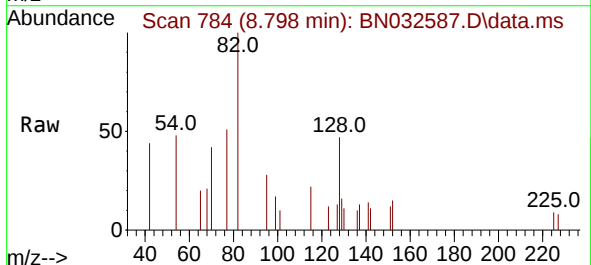
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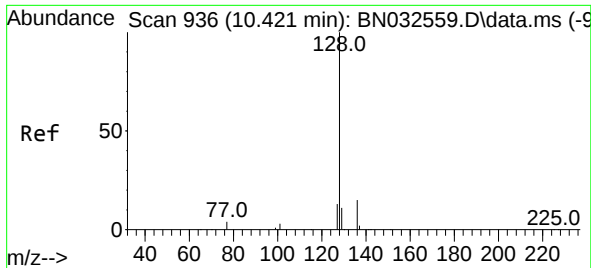
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#8
Nitrobenzene-d5
Concen: 0.306 ng m
RT: 8.798 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN032587.D
Acq: 09 Jul 2024 14:38

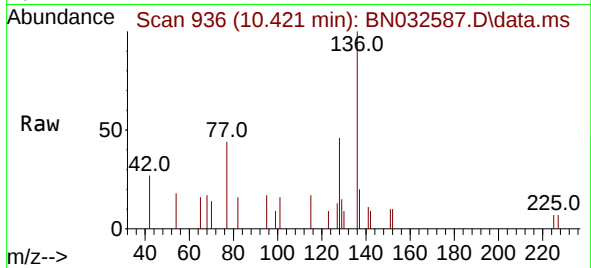
Tgt Ion: 82 Resp: 2979
Ion Ratio Lower Upper
82 100
128 46.6 43.4 65.2
54 48.1 40.2 60.2





#9
Naphthalene
Concen: 0.023 ng
RT: 10.421 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN032587.D
Acq: 09 Jul 2024 14:38

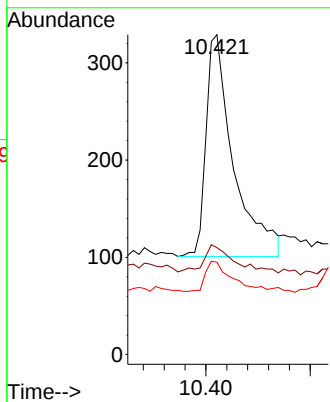
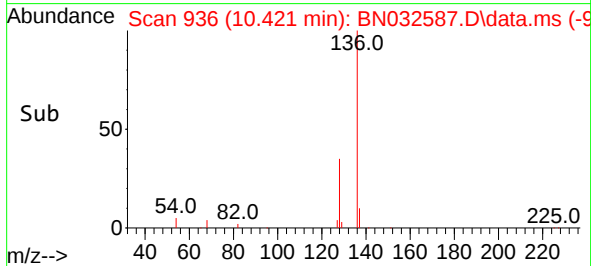
Instrument :
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ClientSampleId :
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Tgt Ion:128 Resp: 83
Ion Ratio Lower Upper
128 100
129 33.4 10.2 15.4
127 28.9 11.4 17.0

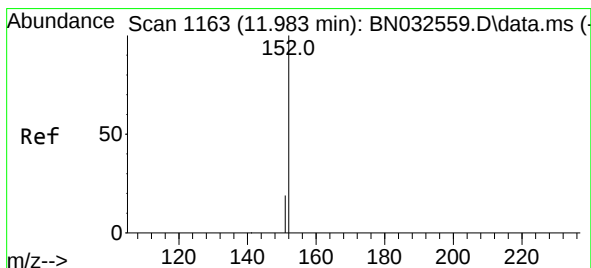
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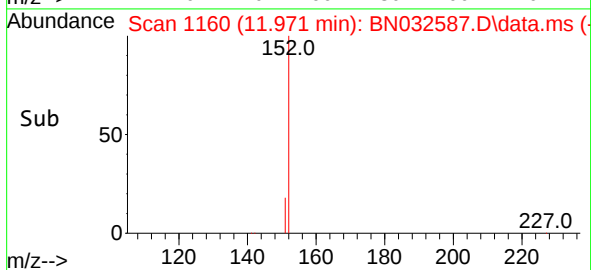
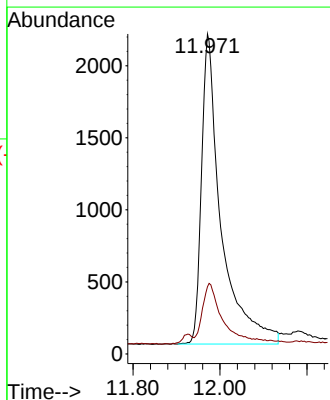
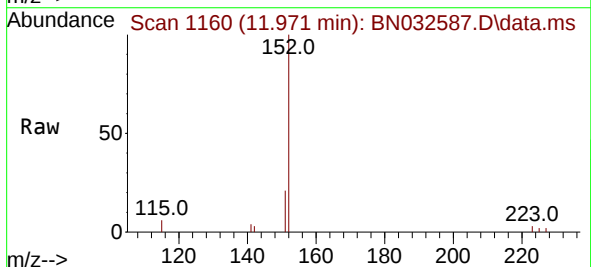
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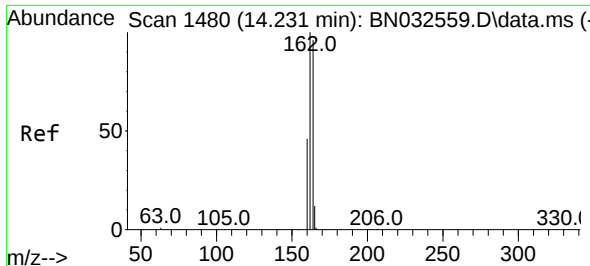
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#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 11.971 min Scan# 1160
Delta R.T. -0.011 min
Lab File: BN032587.D
Acq: 09 Jul 2024 14:38

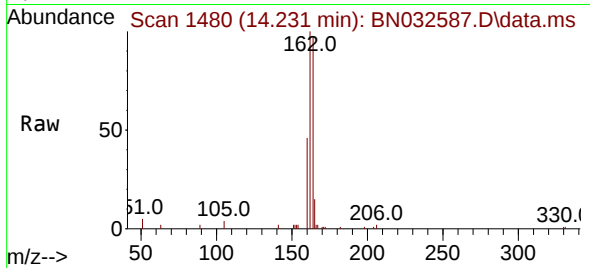
Tgt Ion:152 Resp: 6737
Ion Ratio Lower Upper
152 100
151 18.3 16.4 24.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.231 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BN032587.D
Acq: 09 Jul 2024 14:38

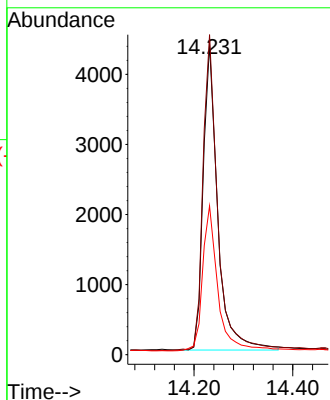
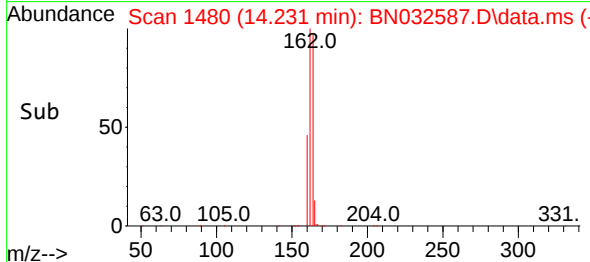
Instrument :
BNA_N
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Tgt Ion:164 Resp: 890
Ion Ratio Lower Upper
164 100
162 103.1 83.2 124.8
160 47.9 38.6 57.8

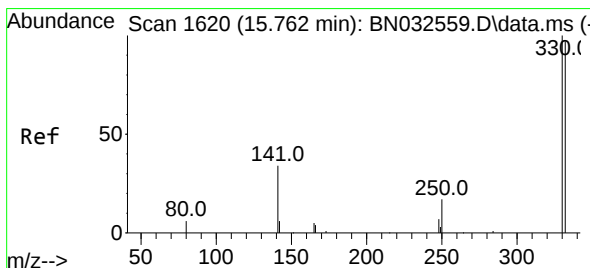
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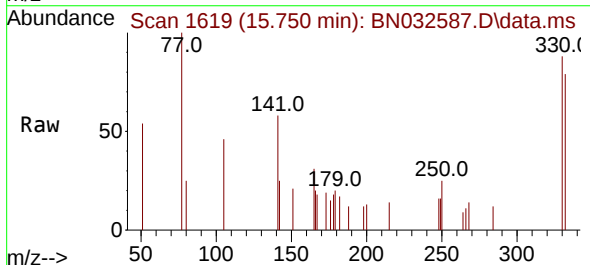


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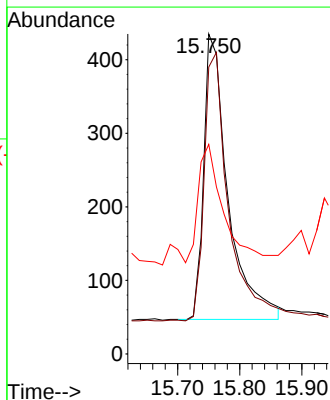
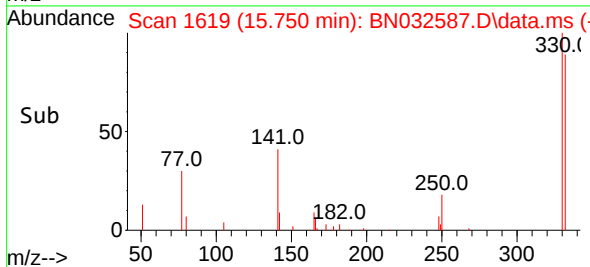
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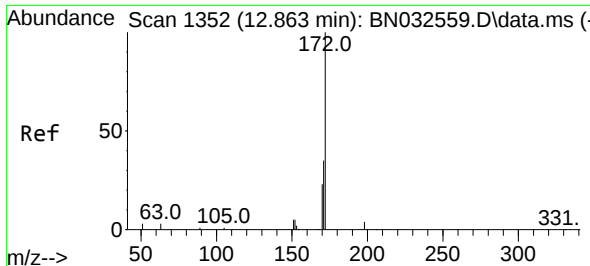


#14
2,4,6-Tribromophenol
Concen: 0.263 ng
RT: 15.750 min Scan# 1619
Delta R.T. -0.012 min
Lab File: BN032587.D
Acq: 09 Jul 2024 14:38



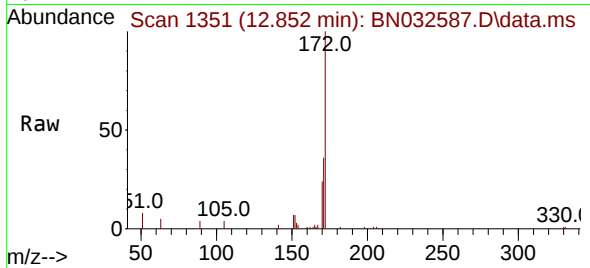
Tgt Ion:330 Resp: 1059
Ion Ratio Lower Upper
330 100
332 93.3 77.7 116.5
141 42.9 31.8 47.8





#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 12.852 min Scan# 1133
Delta R.T. -0.011 min
Lab File: BN032587.D
Acq: 09 Jul 2024 14:38

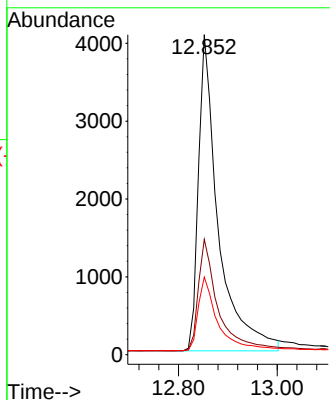
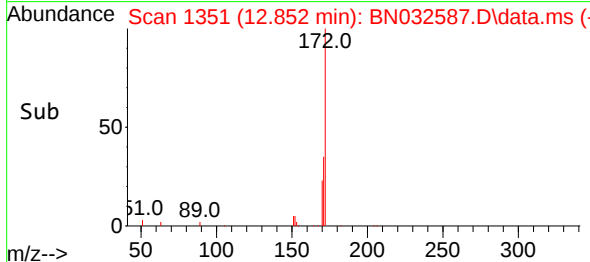
Instrument :
BNA_N
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BP-VPB-196-GW-770-772



Tgt Ion:172 Resp: 1133
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.3 19.2 28.8

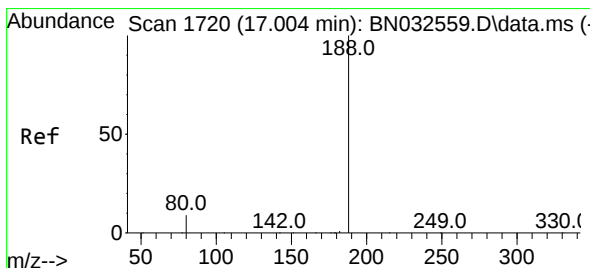
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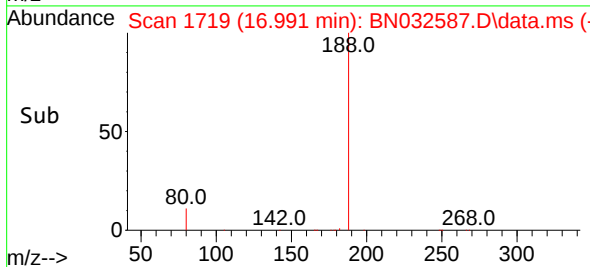
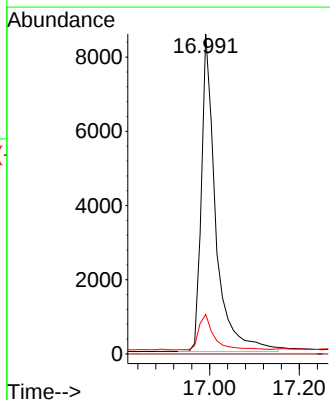
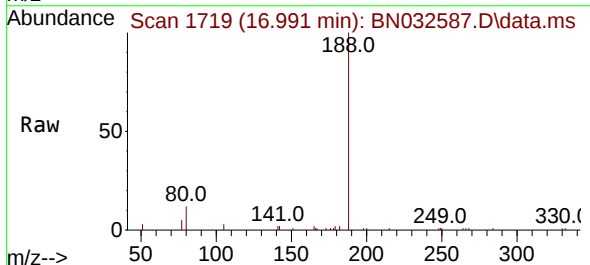
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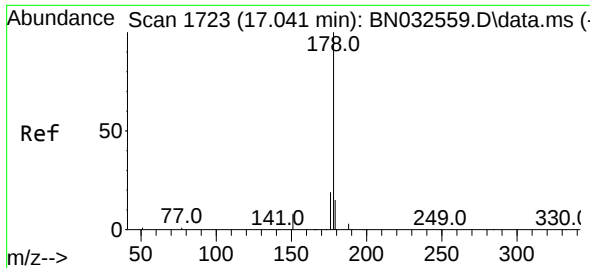
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.991 min Scan# 1719
Delta R.T. -0.012 min
Lab File: BN032587.D
Acq: 09 Jul 2024 14:38

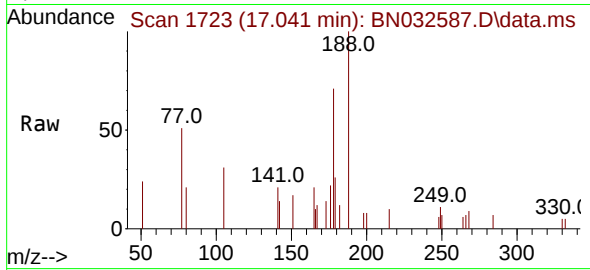
Tgt Ion:188 Resp: 18943
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 7.8 11.6#





#25
Phenanthrene
Concen: 0.024 ng
RT: 17.041 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN032587.D
Acq: 09 Jul 2024 14:38

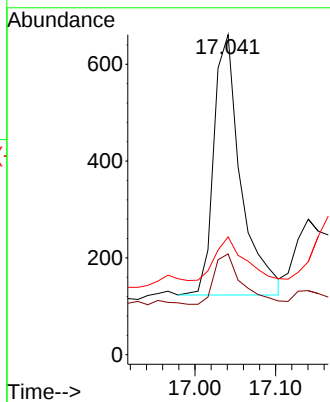
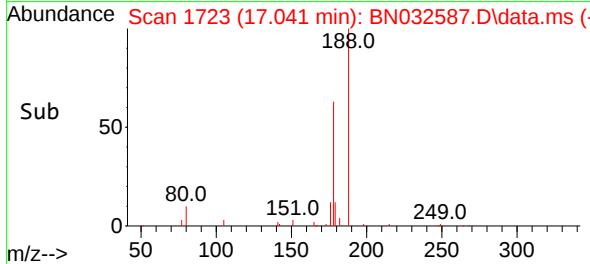
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Tgt Ion:178 Resp: 125
Ion Ratio Lower Upper
178 100
176 20.3 15.2 22.8
179 18.1 12.2 18.4

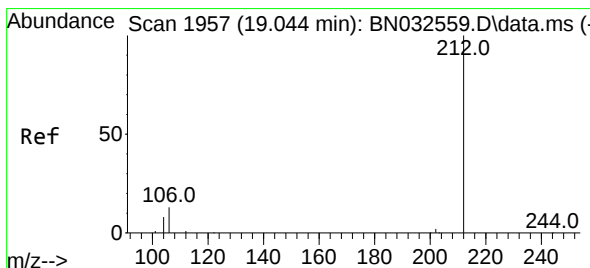
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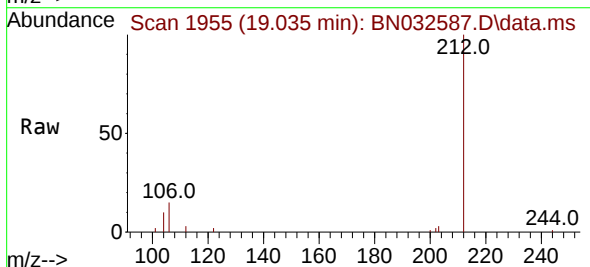


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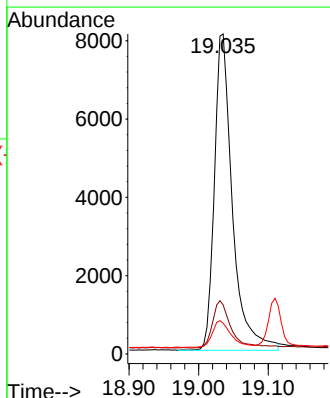
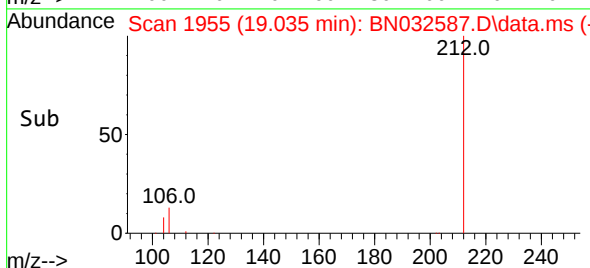
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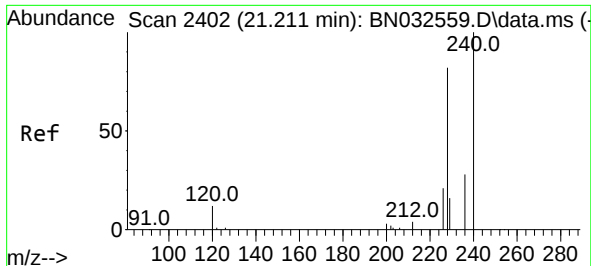


#27
Fluoranthene-d10
Concen: 0.295 ng
RT: 19.035 min Scan# 1955
Delta R.T. -0.009 min
Lab File: BN032587.D
Acq: 09 Jul 2024 14:38



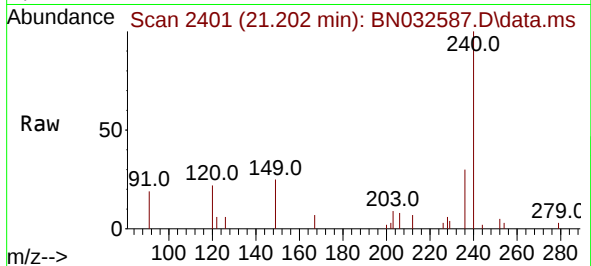
Tgt Ion:212 Resp: 14547
Ion Ratio Lower Upper
212 100
106 15.4 11.8 17.8
104 8.6 6.9 10.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.202 min Scan# 2401
Delta R.T. -0.009 min
Lab File: BN032587.D
Acq: 09 Jul 2024 14:38

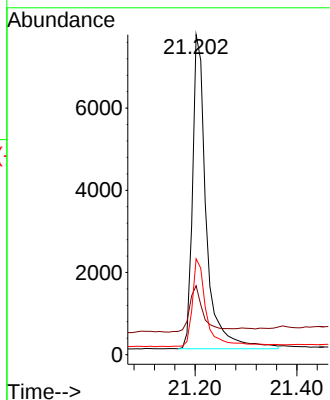
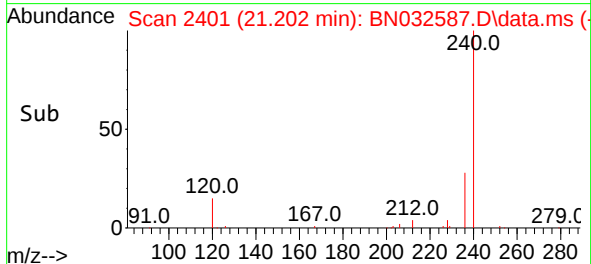
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-770-772



Tgt Ion:240 Resp: 14409
Ion Ratio Lower Upper
240 100
120 21.5 13.0 19.4
236 29.9 23.1 34.7

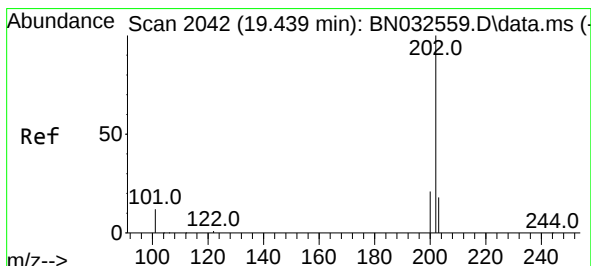
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Supervised By :mohammad ahmed 07/11/2024

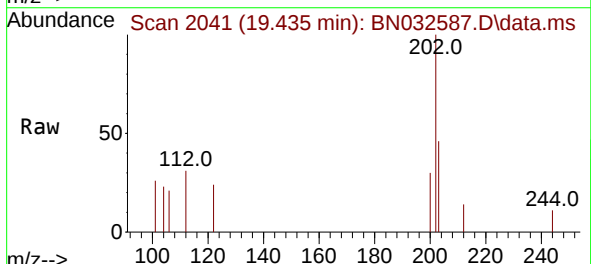


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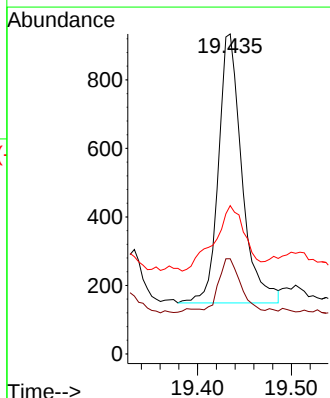
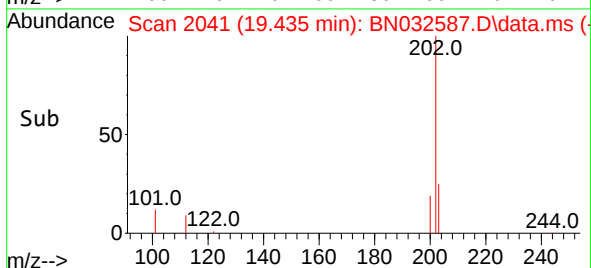
07/11/2024

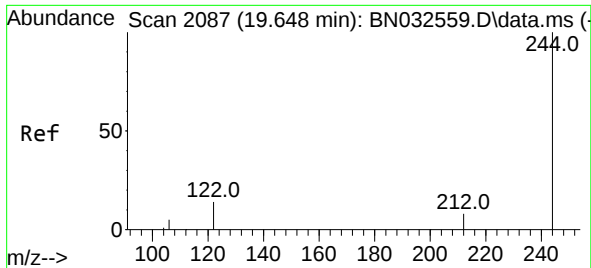


#30
Pyrene
Concen: 0.023 ng
RT: 19.435 min Scan# 2041
Delta R.T. -0.005 min
Lab File: BN032587.D
Acq: 09 Jul 2024 14:38



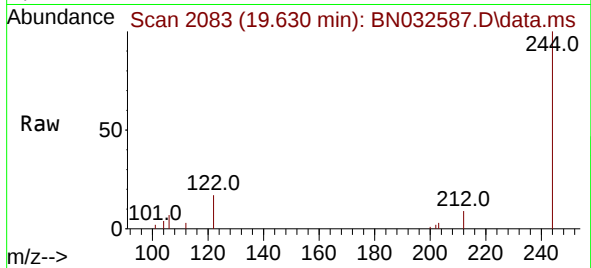
Tgt Ion:202 Resp: 1364
Ion Ratio Lower Upper
202 100
200 18.5 16.6 24.8
203 31.7 14.4 21.6





#31
 Terphenyl-d14
 Concen: 0.408 ng
 RT: 19.630 min Scan# 2083
 Delta R.T. -0.019 min
 Lab File: BN032587.D
 Acq: 09 Jul 2024 14:38

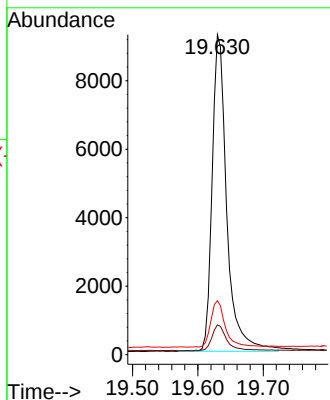
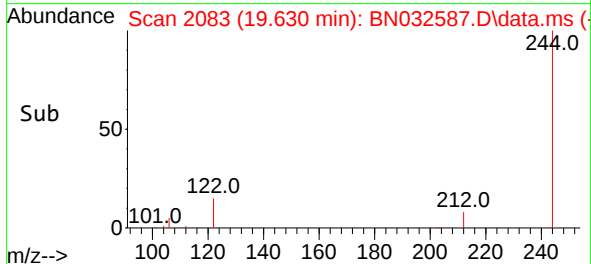
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-770-772



Tgt Ion:244 Resp: 14368
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.2 10.8
 122 16.8 12.1 18.1

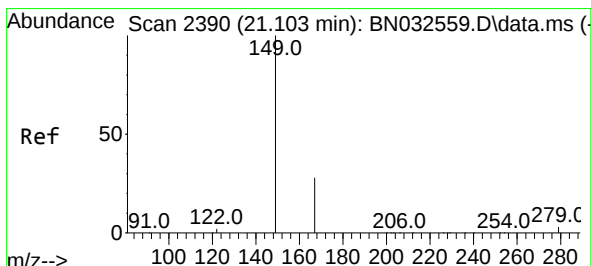
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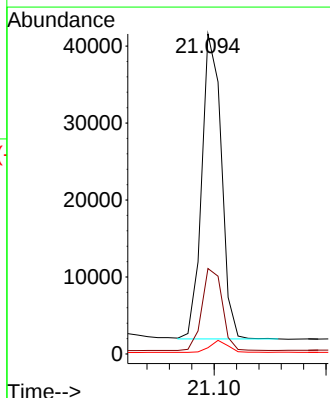
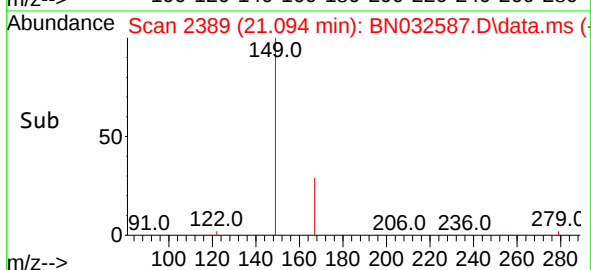
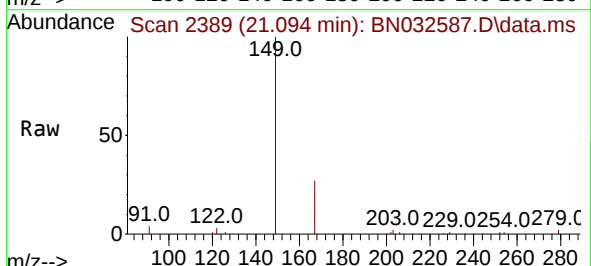
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 ahmed

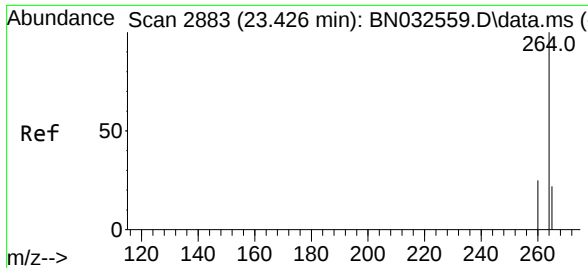
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#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.487 ng
 RT: 21.094 min Scan# 2389
 Delta R.T. -0.009 min
 Lab File: BN032587.D
 Acq: 09 Jul 2024 14:38

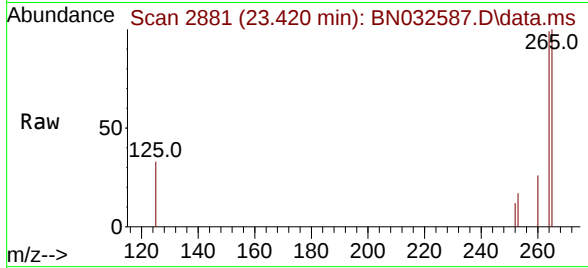
Tgt Ion:149 Resp: 48151
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.6 32.4
 279 3.6 3.0 4.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.420 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN032587.D
Acq: 09 Jul 2024 14:38

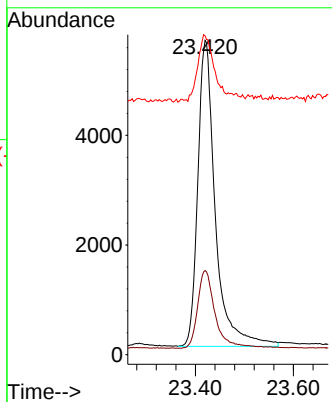
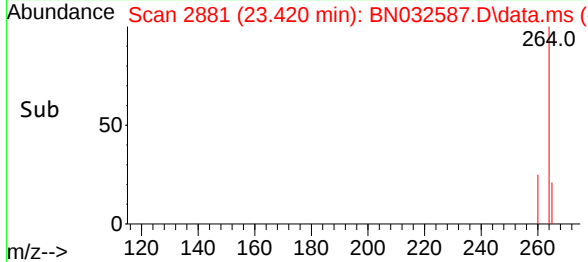
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-770-772



Tgt Ion:264 Resp: 1390
Ion Ratio Lower Upper
264 100
260 26.8 21.0 31.6
265 101.5 76.6 115.0

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07/11/2024