

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020524\
 Data File : BN029524.D
 Acq On : 06 Feb 2024 01:23
 Operator : MA/JU
 Sample : P1345-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT-278-IDWSO-20240201-1

Quant Time: Feb 06 04:24:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 01:51:59 2024
 Response via : Initial Calibration

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

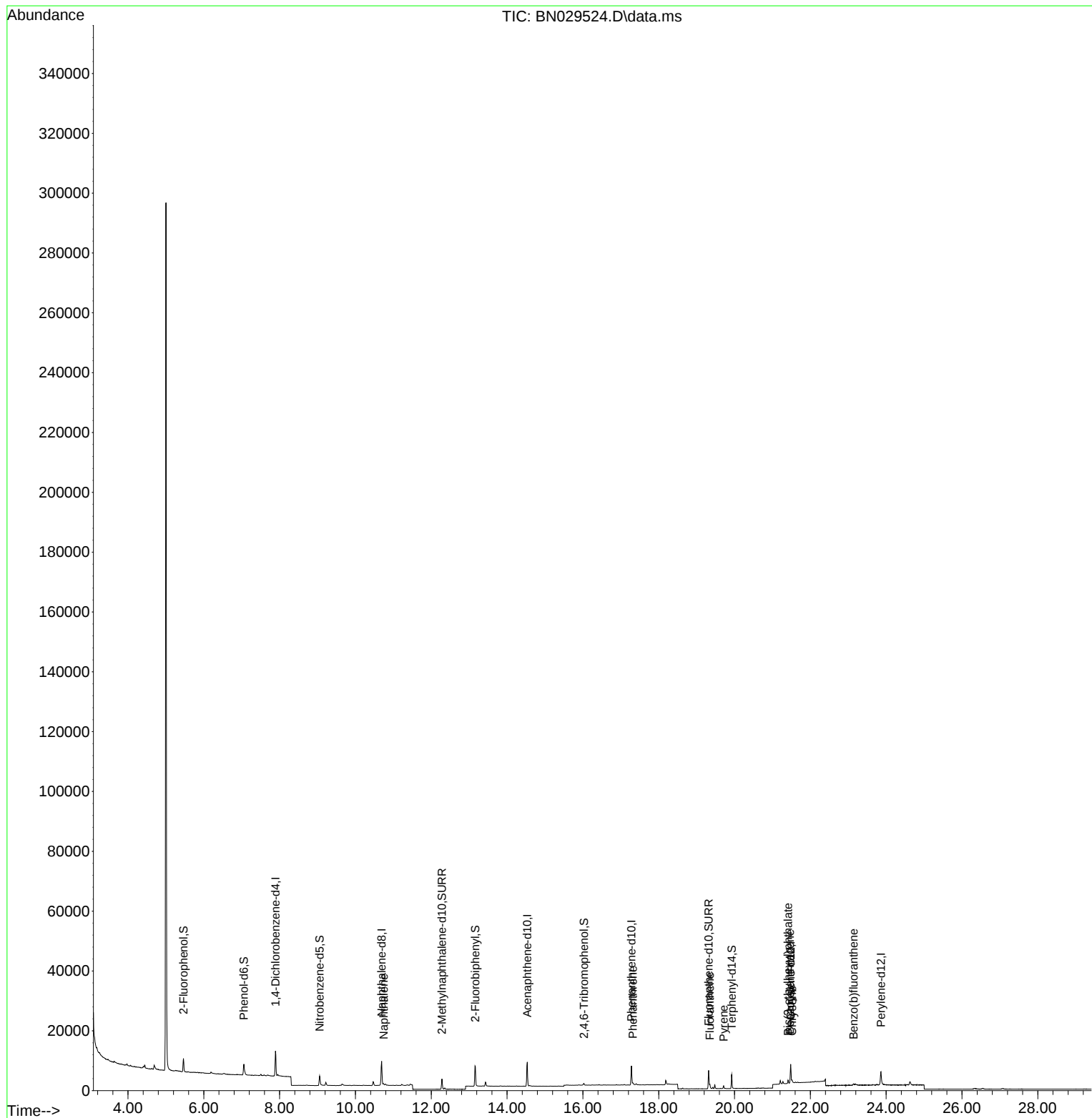
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.890	152	4155	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	11091	0.400	ng	0.00
13) Acenaphthene-d10	14.532	164	4788	0.400	ng	0.00
19) Phenanthrene-d10	17.280	188	8799	0.400	ng	0.00
29) Chrysene-d12	21.483	240	6561	0.400	ng	# 0.00
35) Perylene-d12	23.861	264	7102	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	3551	0.356	ng	0.00
5) Phenol-d6	7.060	99	3988	0.346	ng	0.00
8) Nitrobenzene-d5	9.057	82	3057	0.331	ng	0.00
11) 2-Methylnaphthalene-d10	12.280	152	4988	0.330	ng	0.00
14) 2,4,6-Tribromophenol	16.026	330	337	0.219	ng	0.00
15) 2-Fluorobiphenyl	13.164	172	6755	0.329	ng	0.00
27) Fluoranthene-d10	19.317	212	7125	0.334	ng	0.00
31) Terphenyl-d14	19.926	244	4775	0.293	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.744	128	832	0.026	ng	# 75
25) Phenanthrene	17.317	178	664	0.026	ng	# 88
28) Fluoranthene	19.350	202	1019	0.035	ng	# 83
30) Pyrene	19.712	202	888	0.029	ng	# 92
32) Benzo(a)anthracene	21.465	228	483	0.022	ng	# 74
33) Chrysene	21.519	228	607	0.024	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.411	149	1255	0.082	ng	# 97
37) Benzo(b)fluoranthene	23.139	252	698	0.027	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 01:51:59 2024
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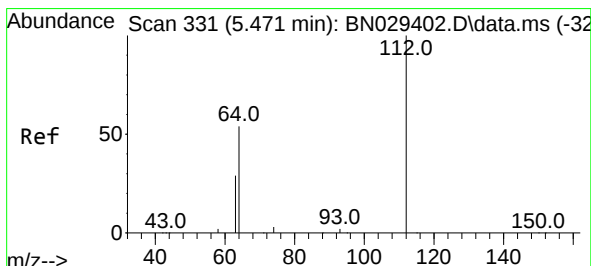
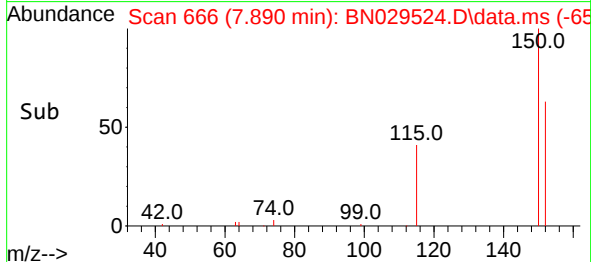
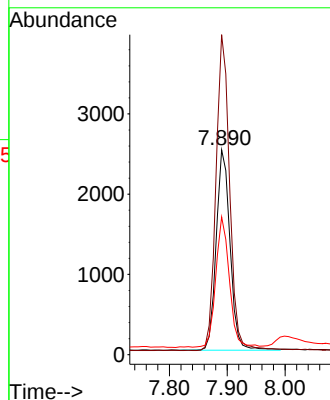
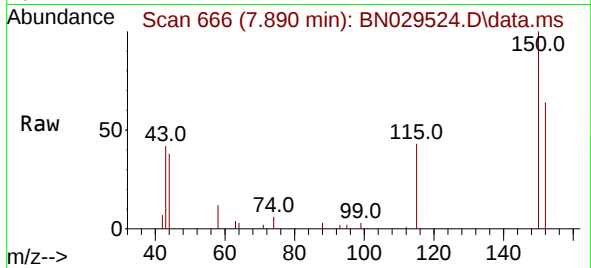




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.890 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN029524.D
Acq: 06 Feb 2024 01:23

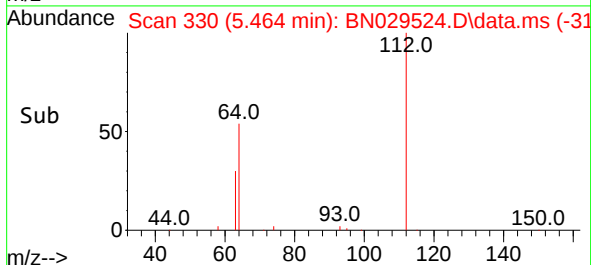
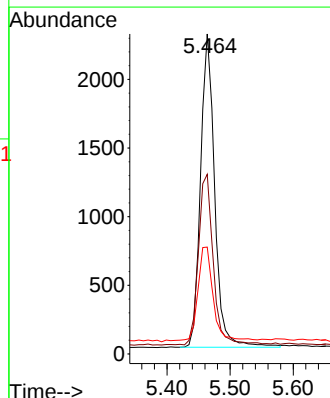
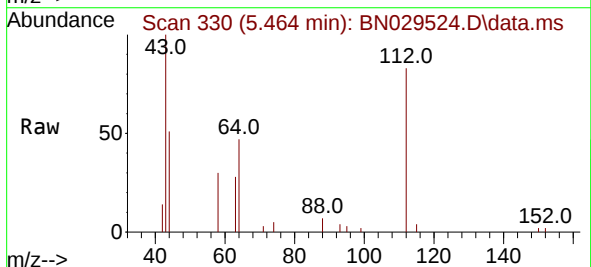
Instrument :
BNA_N
ClientSampleId :
TT-278-IDWSO-20240201-1

Tgt Ion:152 Resp: 4155
Ion Ratio Lower Upper
152 100
150 156.2 123.0 184.4
115 67.3 51.4 77.0



#4
2-Fluorophenol
Concen: 0.356 ng
RT: 5.464 min Scan# 330
Delta R.T. -0.000 min
Lab File: BN029524.D
Acq: 06 Feb 2024 01:23

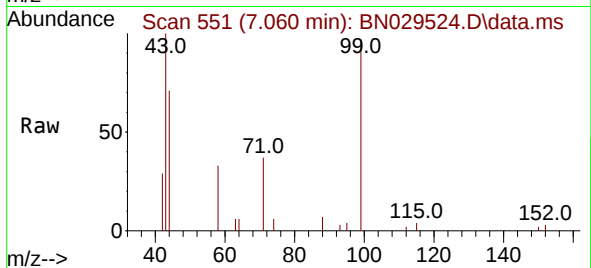
Tgt Ion:112 Resp: 3551
Ion Ratio Lower Upper
112 100
64 56.7 47.2 70.8
63 33.8 25.8 38.6



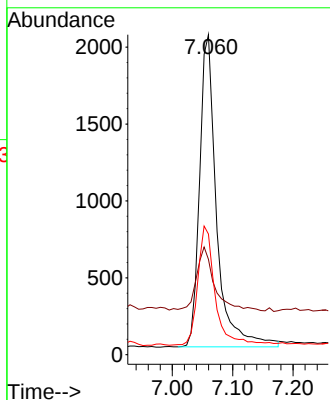
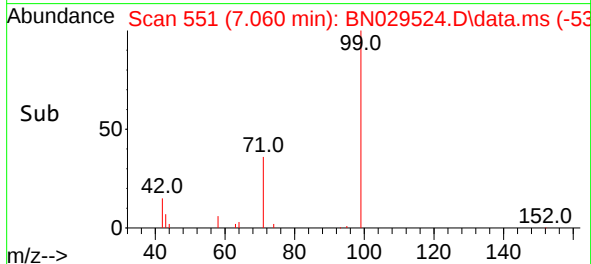


#5
Phenol-d6
Concen: 0.346 ng
RT: 7.060 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN029524.D
Acq: 06 Feb 2024 01:23

Instrument :
BNA_N
ClientSampleId :
TT-278-IDWSO-20240201-1

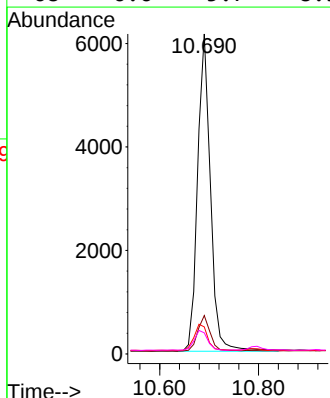
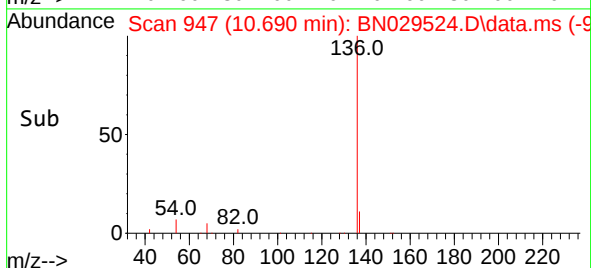
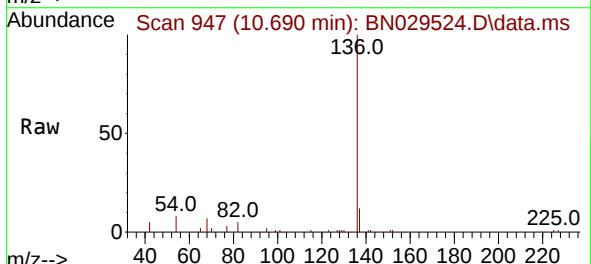


Tgt Ion:	99	Resp:	3988
Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.9	25.3
71	38.9	30.0	45.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN029524.D
Acq: 06 Feb 2024 01:23

Tgt Ion:	136	Resp:	11091
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.7	14.5
54	8.4	6.6	10.0
68	6.6	5.7	8.5

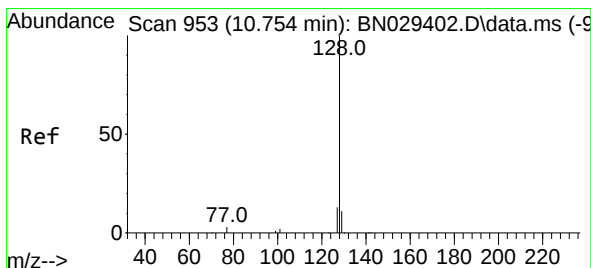
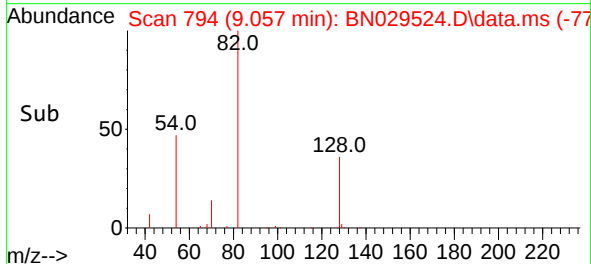
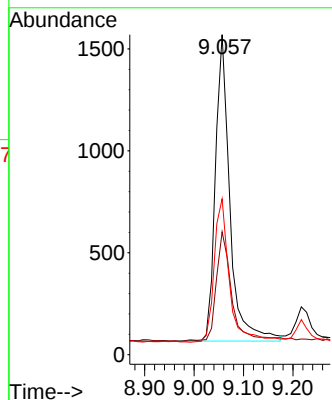
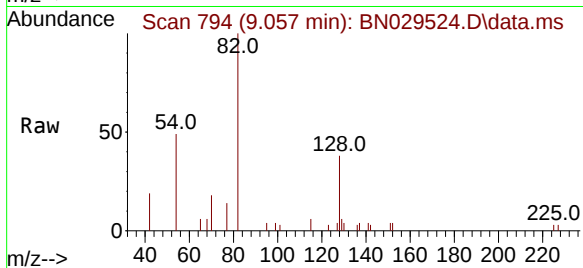




#8
Nitrobenzene-d5
Concen: 0.331 ng
RT: 9.057 min Scan# 794
Delta R.T. -0.000 min
Lab File: BN029524.D
Acq: 06 Feb 2024 01:23

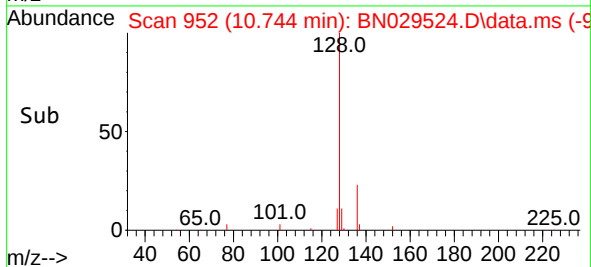
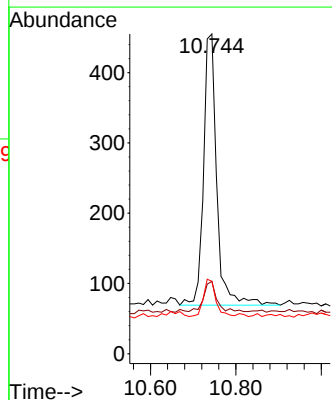
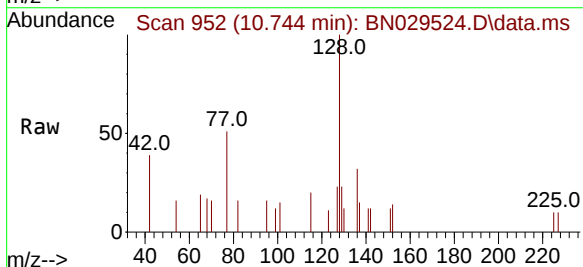
Instrument :
BNA_N
ClientSampleId :
TT-278-IDWSO-20240201-1

Tgt Ion:	82	Resp:	3057
Ion	Ratio	Lower	Upper
82	100		
128	38.4	31.6	47.4
54	48.7	38.2	57.4



#9
Naphthalene
Concen: 0.026 ng
RT: 10.744 min Scan# 952
Delta R.T. -0.000 min
Lab File: BN029524.D
Acq: 06 Feb 2024 01:23

Tgt Ion:	128	Resp:	832
Ion	Ratio	Lower	Upper
128	100		
129	22.6	9.5	14.3#
127	22.6	10.8	16.2#

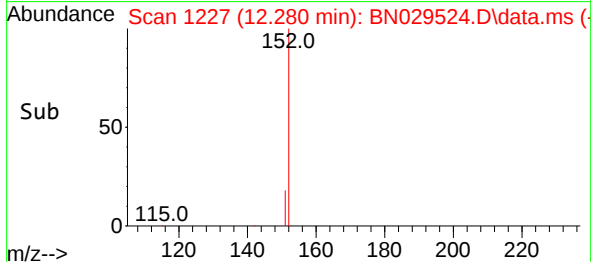
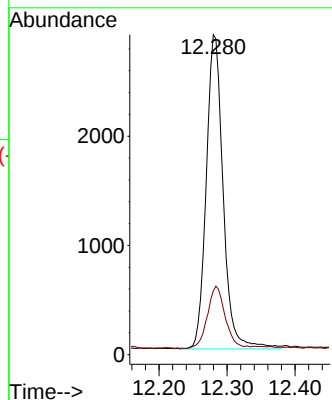
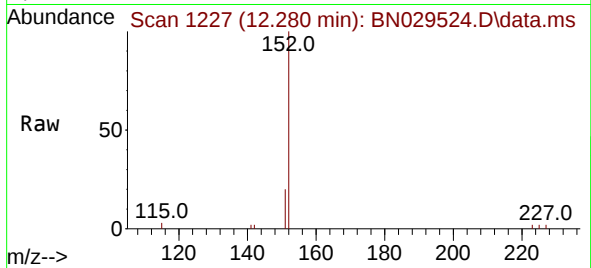




#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 12.280 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN029524.D
Acq: 06 Feb 2024 01:23

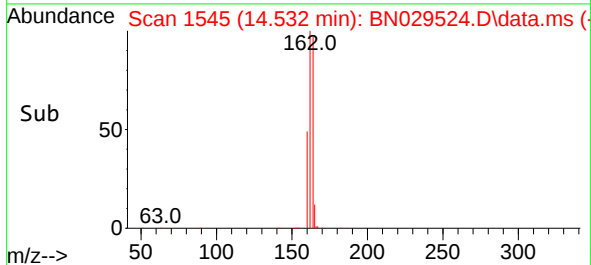
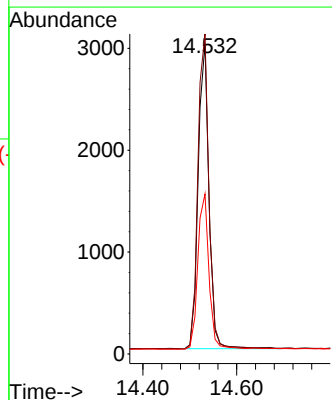
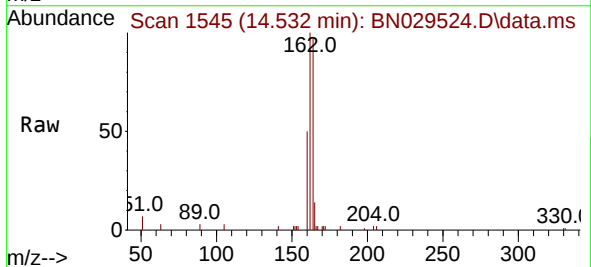
Instrument :
BNA_N
ClientSampleId :
TT-278-IDWSO-20240201-1

Tgt Ion:152 Resp: 4988
Ion Ratio Lower Upper
152 100
151 21.0 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.532 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BN029524.D
Acq: 06 Feb 2024 01:23

Tgt Ion:164 Resp: 4788
Ion Ratio Lower Upper
164 100
162 103.1 82.6 123.8
160 51.6 41.5 62.3

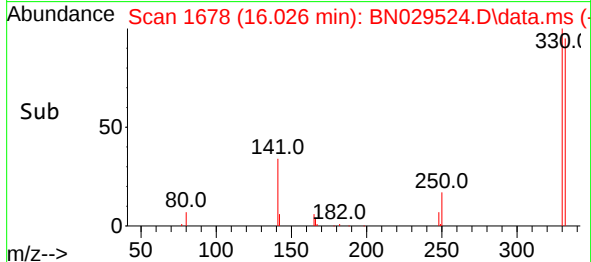
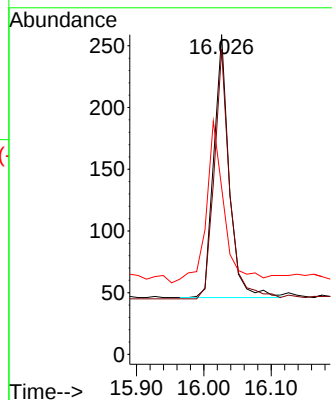
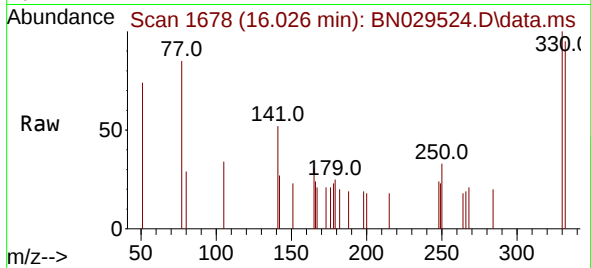




#14
2,4,6-Tribromophenol
Concen: 0.219 ng
RT: 16.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029524.D
Acq: 06 Feb 2024 01:23

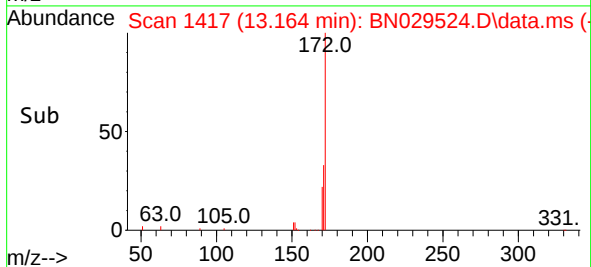
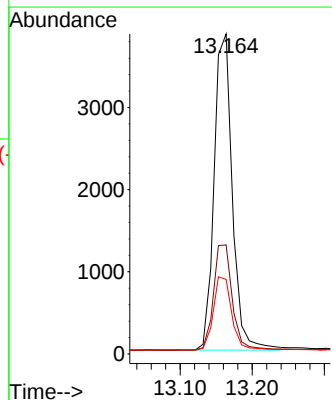
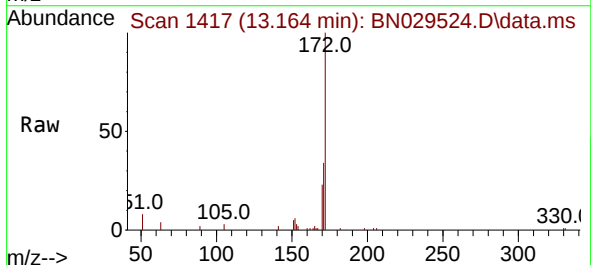
Instrument :
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ClientSampleId :
TT-278-IDWSO-20240201-1

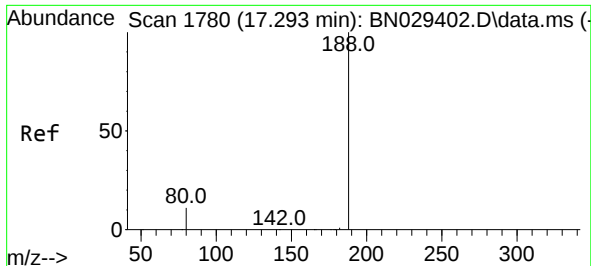
Tgt Ion:330 Resp: 337
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 71.5 43.4 65.2#



#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 13.164 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BN029524.D
Acq: 06 Feb 2024 01:23

Tgt Ion:172 Resp: 6755
Ion Ratio Lower Upper
172 100
171 34.1 28.0 42.0
170 23.3 18.7 28.1

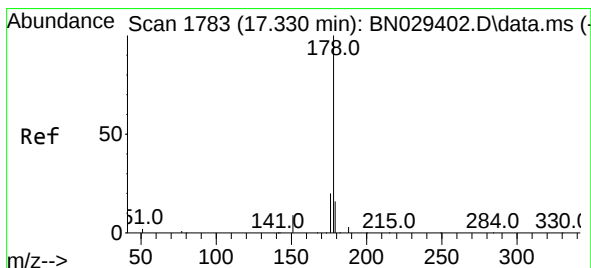
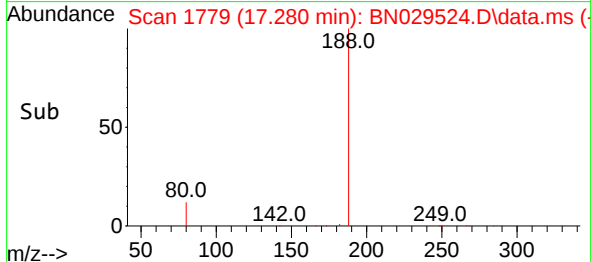
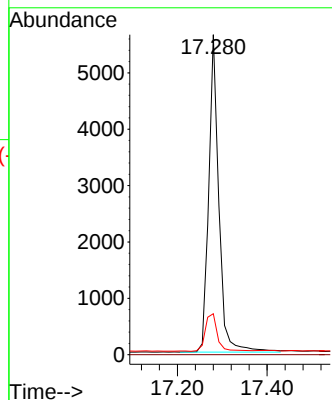
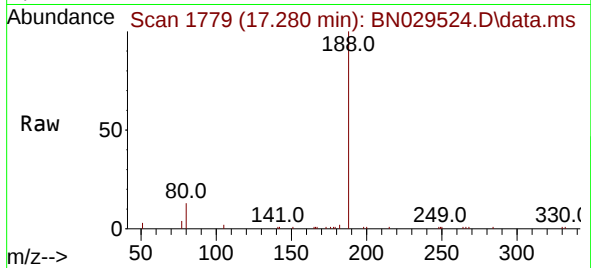




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.280 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BN029524.D
Acq: 06 Feb 2024 01:23

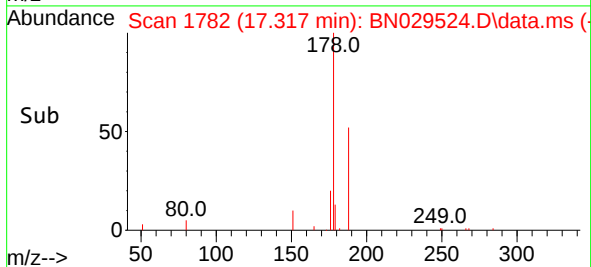
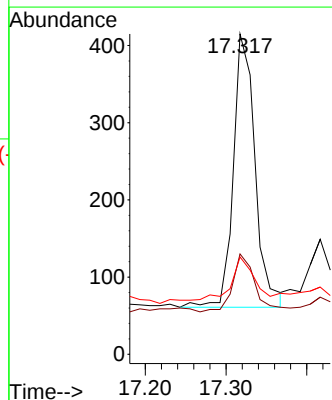
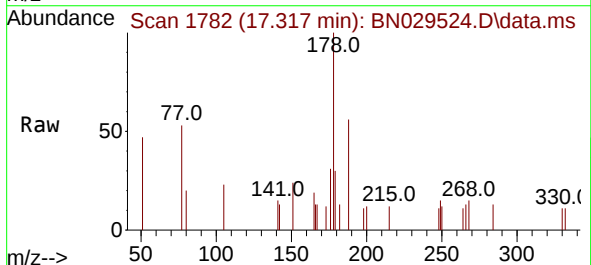
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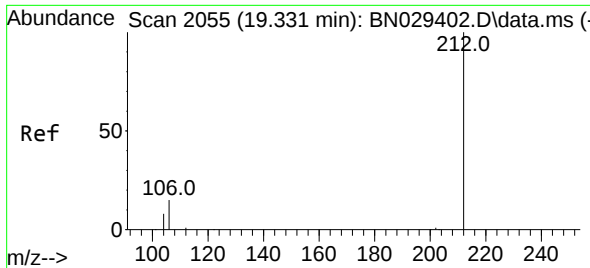
Tgt Ion:188 Resp: 8799
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 10.0 15.0



#25
Phenanthrene
Concen: 0.026 ng
RT: 17.317 min Scan# 1782
Delta R.T. -0.013 min
Lab File: BN029524.D
Acq: 06 Feb 2024 01:23

Tgt Ion:178 Resp: 664
Ion Ratio Lower Upper
178 100
176 22.1 15.8 23.6
179 23.9 12.6 19.0#

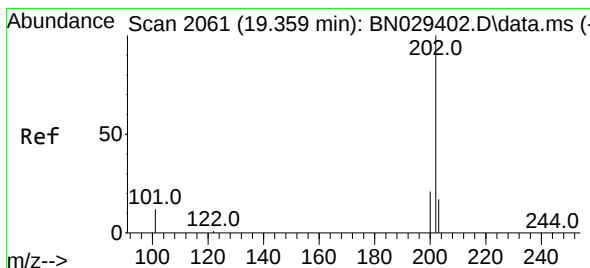
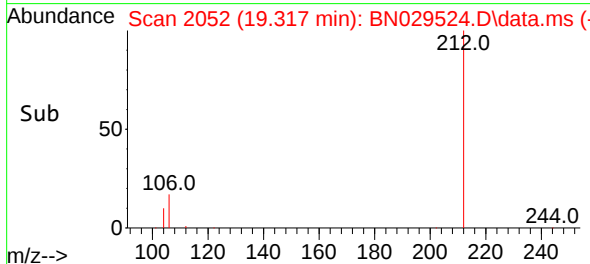
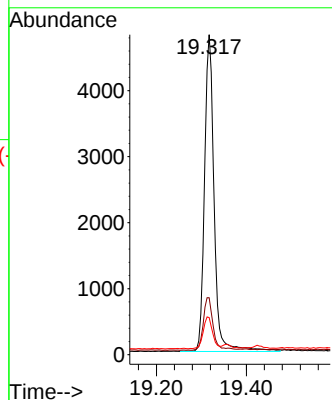
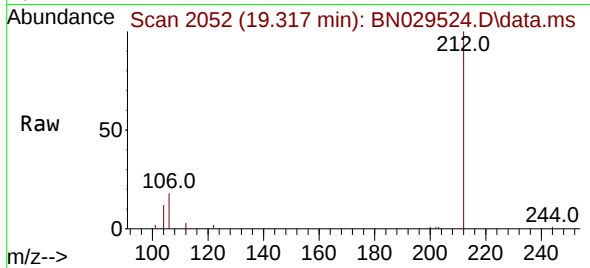




#27
Fluoranthene-d10
Concen: 0.334 ng
RT: 19.317 min Scan# 2052
Delta R.T. -0.005 min
Lab File: BN029524.D
Acq: 06 Feb 2024 01:23

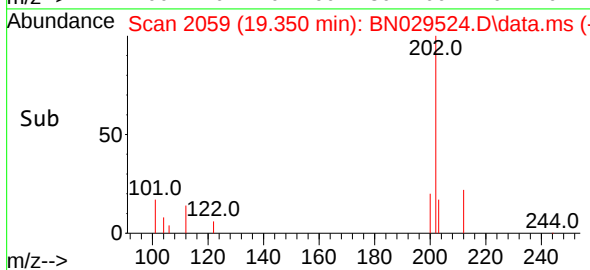
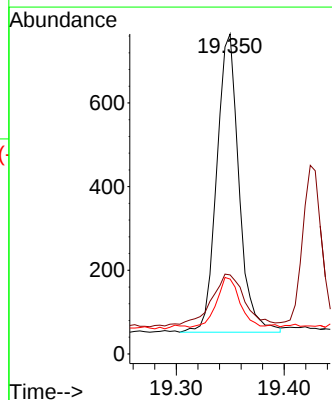
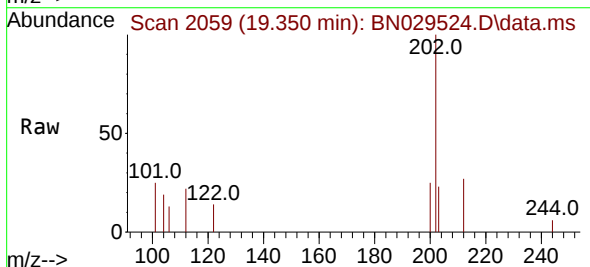
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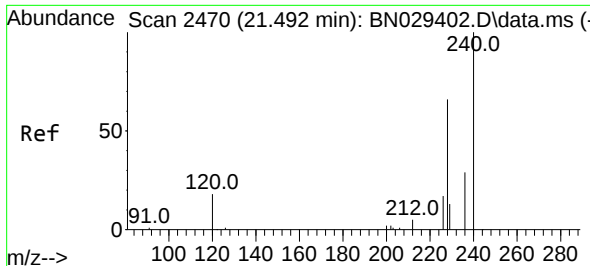
Tgt Ion:212 Resp: 7125
Ion Ratio Lower Upper
212 100
106 16.8 13.2 19.8
104 9.8 7.7 11.5



#28
Fluoranthene
Concen: 0.035 ng
RT: 19.350 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN029524.D
Acq: 06 Feb 2024 01:23

Tgt Ion:202 Resp: 1019
Ion Ratio Lower Upper
202 100
101 27.9 10.5 15.7#
203 17.9 13.5 20.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.483 min Scan# 2469

Delta R.T. -0.009 min

Lab File: BN029524.D

Acq: 06 Feb 2024 01:23

Instrument :

BNA_N

ClientSampleId :

TT-278-IDWSO-20240201-1

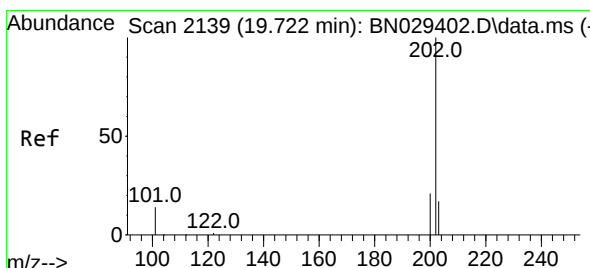
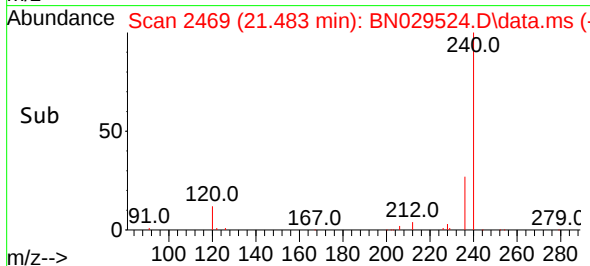
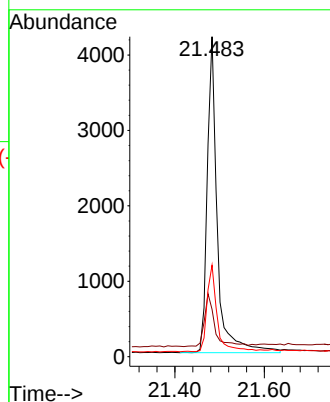
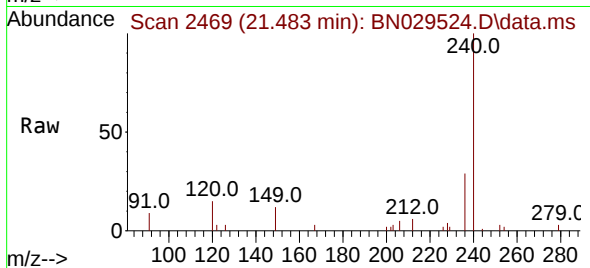
Tgt Ion:240 Resp: 6561

Ion Ratio Lower Upper

240 100

120 14.8 16.7 25.1#

236 28.6 23.9 35.9



#30

Pyrene

Concen: 0.029 ng

RT: 19.712 min Scan# 2137

Delta R.T. -0.005 min

Lab File: BN029524.D

Acq: 06 Feb 2024 01:23

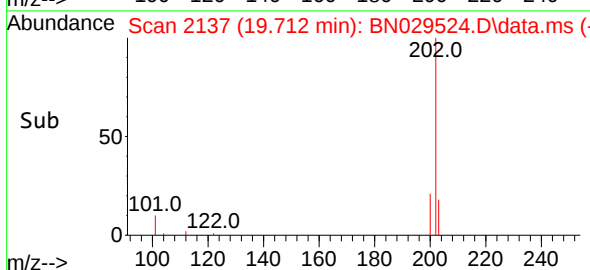
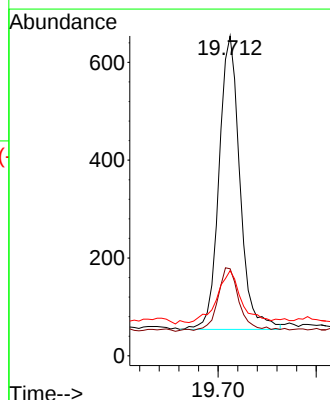
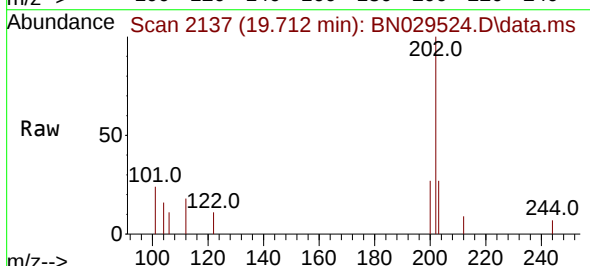
Tgt Ion:202 Resp: 888

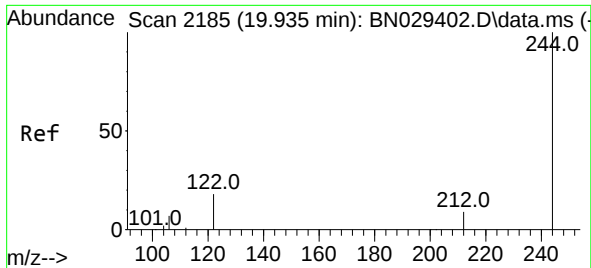
Ion Ratio Lower Upper

202 100

200 23.3 16.6 25.0

203 22.3 14.2 21.4#

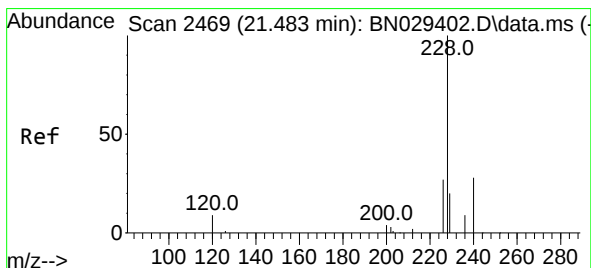
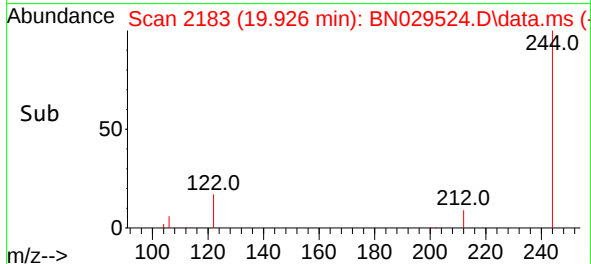
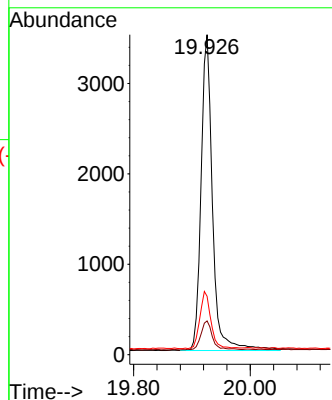
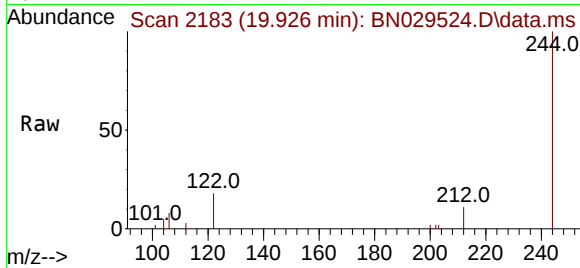




#31
Terphenyl-d14
Concen: 0.293 ng
RT: 19.926 min Scan# 2185
Delta R.T. -0.005 min
Lab File: BN029524.D
Acq: 06 Feb 2024 01:23

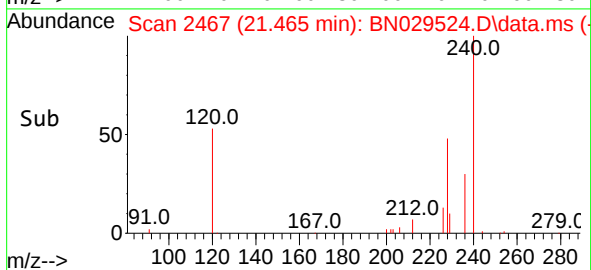
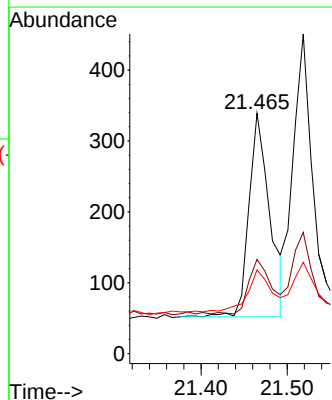
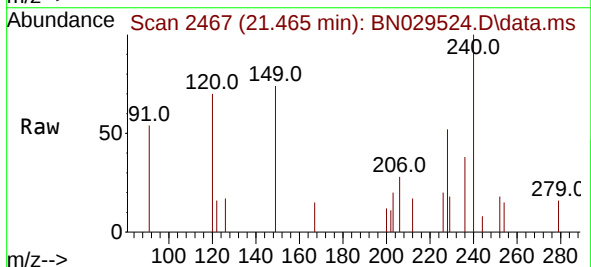
Instrument :
BNA_N
ClientSampleId :
TT-278-IDWSO-20240201-1

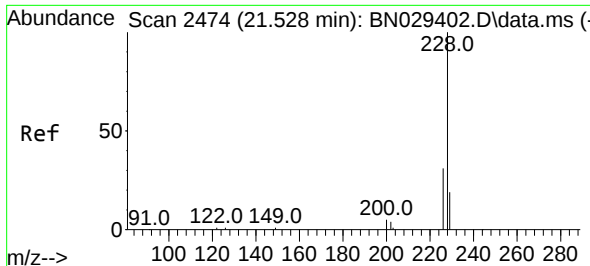
Tgt Ion:244 Resp: 4775
Ion Ratio Lower Upper
244 100
212 10.6 8.2 12.4
122 18.3 15.6 23.4



#32
Benzo(a)anthracene
Concen: 0.022 ng
RT: 21.465 min Scan# 2467
Delta R.T. -0.009 min
Lab File: BN029524.D
Acq: 06 Feb 2024 01:23

Tgt Ion:228 Resp: 483
Ion Ratio Lower Upper
228 100
226 39.2 22.2 33.4#
229 34.8 16.5 24.7#





#33

Chrysene

Concen: 0.024 ng

RT: 21.519 min Scan# 2473

Delta R.T. -0.009 min

Lab File: BN029524.D

Acq: 06 Feb 2024 01:23

Instrument :

BNA_N

ClientSampleId :

TT-278-IDWSO-20240201-1

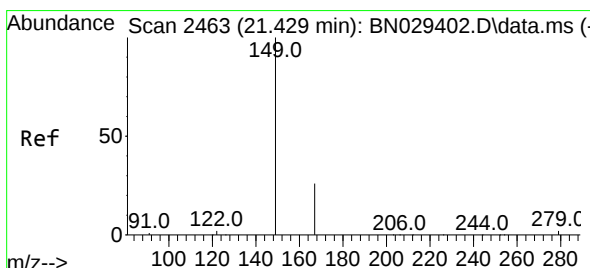
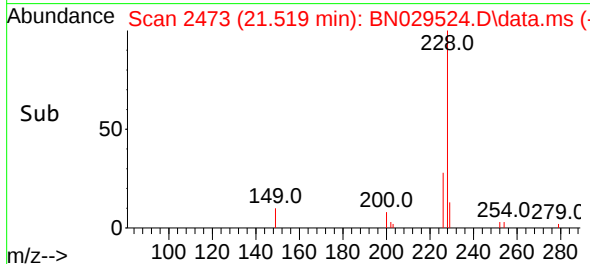
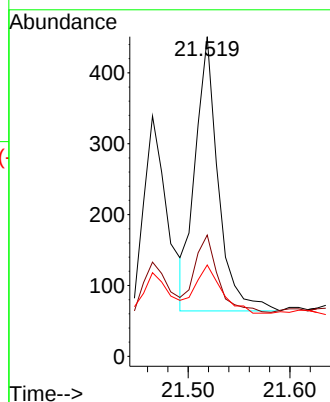
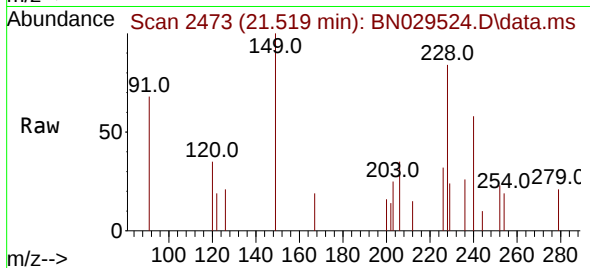
Tgt Ion:228 Resp: 607

Ion Ratio Lower Upper

228 100

226 37.9 24.9 37.3#

229 28.6 15.9 23.9#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.082 ng

RT: 21.411 min Scan# 2461

Delta R.T. -0.009 min

Lab File: BN029524.D

Acq: 06 Feb 2024 01:23

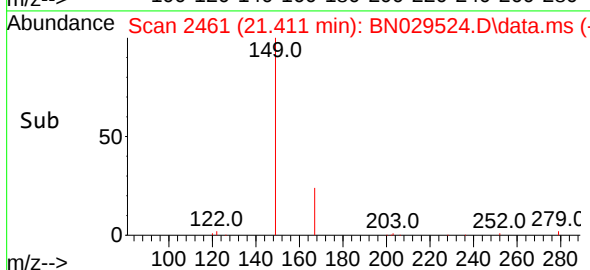
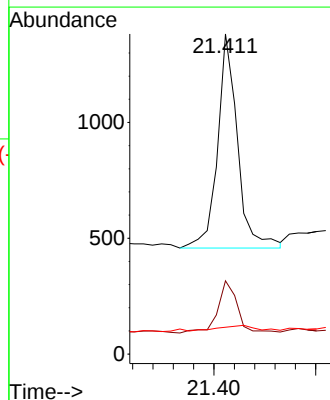
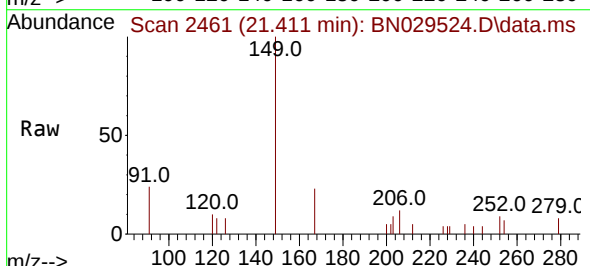
Tgt Ion:149 Resp: 1255

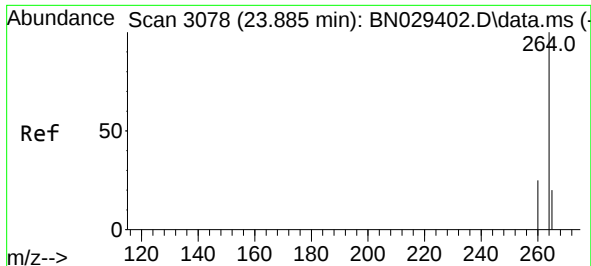
Ion Ratio Lower Upper

149 100

167 24.1 20.1 30.1

279 5.3 2.5 3.7#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.861 min Scan# 3078

Delta R.T. -0.009 min

Lab File: BN029524.D

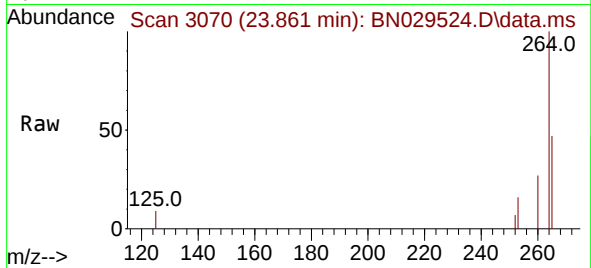
Acq: 06 Feb 2024 01:23

Instrument :

BNA_N

ClientSampleId :

TT-278-IDWSO-20240201-1



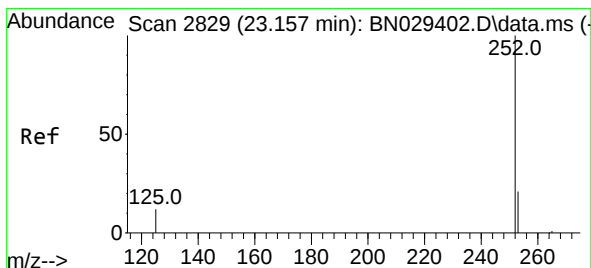
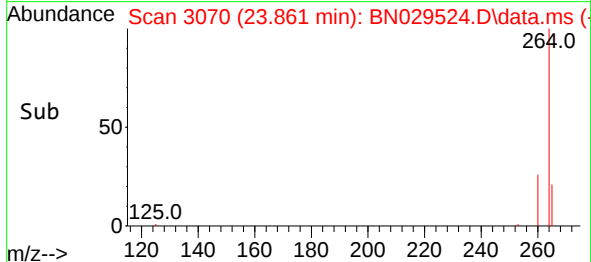
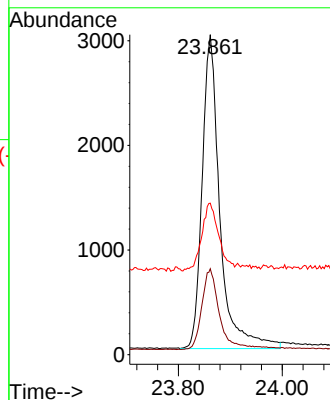
Tgt Ion:264 Resp: 7102

Ion Ratio Lower Upper

264 100

260 26.8 21.2 31.8

265 47.4 41.5 62.3



#37

Benzo(b)fluoranthene

Concen: 0.027 ng

RT: 23.139 min Scan# 2823

Delta R.T. -0.009 min

Lab File: BN029524.D

Acq: 06 Feb 2024 01:23

Tgt Ion:252 Resp: 698

Ion Ratio Lower Upper

252 100

253 100.8 21.7 32.5#

125 60.8 13.3 19.9#

