

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072024\
 Data File : BN032881.D
 Acq On : 20 Jul 2024 17:47
 Operator : MA/JU
 Sample : P3299-01
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20240717

Quant Time: Jul 22 00:44:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 21 23:33:21 2024
 Response via : Initial Calibration

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

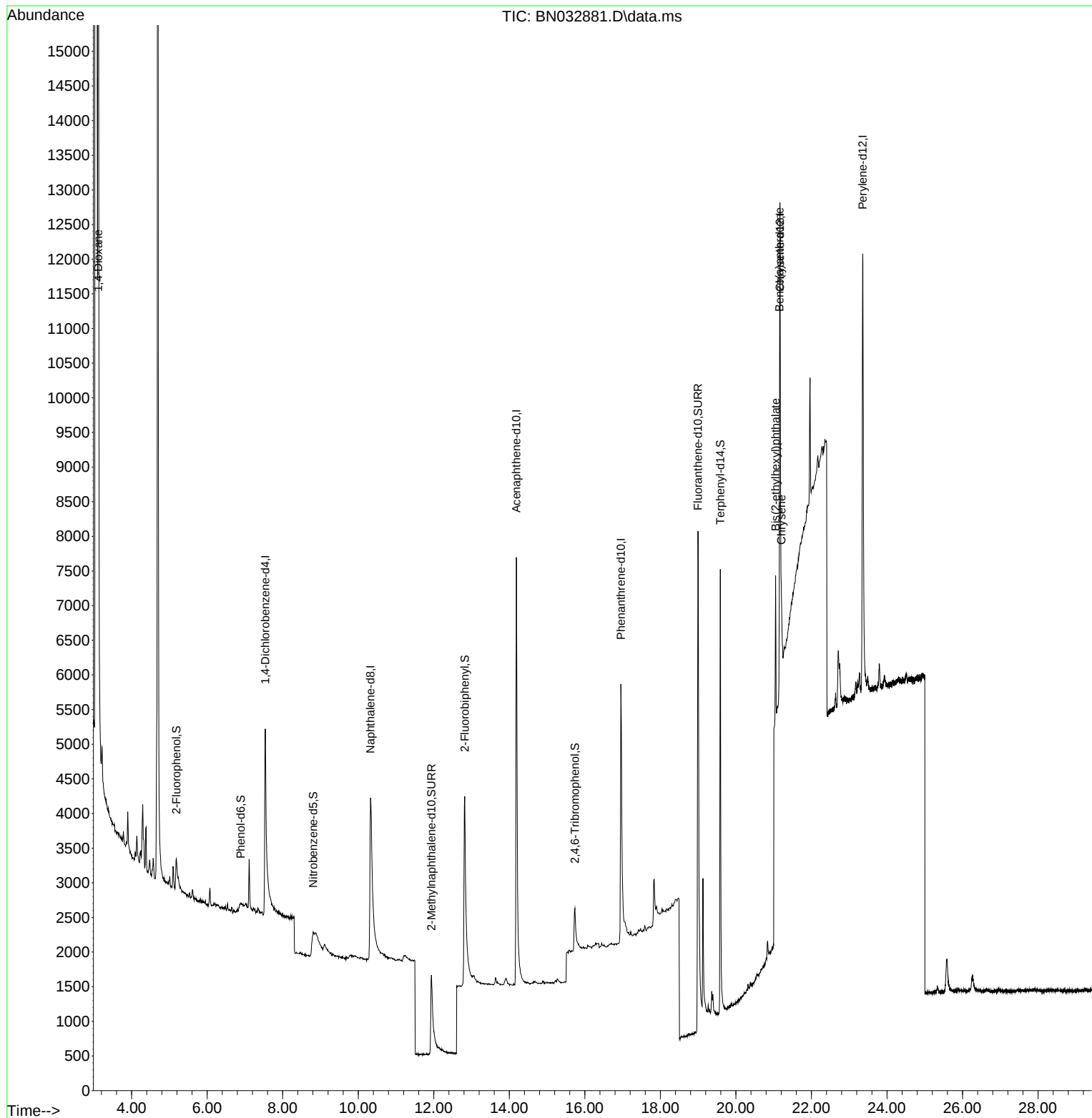
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.538	152	2793	0.400	ng	0.00
7) Naphthalene-d8	10.325	136	9084	0.400	ng	# 0.02
13) Acenaphthene-d10	14.189	164	5584	0.400	ng	0.01
19) Phenanthrene-d10	16.954	188	9129	0.400	ng	# 0.00
29) Chrysene-d12	21.166	240	8890	0.400	ng	0.00
35) Perylene-d12	23.358	264	10149	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	1044	0.148	ng	0.00
5) Phenol-d6	6.888	99	921m	0.105	ng	0.11
8) Nitrobenzene-d5	8.809	82	2258m	0.330	ng	0.07
11) 2-Methylnaphthalene-d10	11.937	152	4159	0.299	ng	0.02
14) 2,4,6-Tribromophenol	15.738	330	635	0.266	ng	0.01
15) 2-Fluorobiphenyl	12.820	172	6205	0.299	ng	0.01
27) Fluoranthene-d10	18.993	212	8997	0.381	ng	0.00
31) Terphenyl-d14	19.588	244	7809	0.429	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.118	88	17066	4.932	ng	Qvalue 97
32) Benzo(a)anthracene	21.157	228	651	0.023	ng	# 44
33) Chrysene	21.202	228	858	0.026	ng	# 59
34) Bis(2-ethylhexyl)phtha...	21.050	149	1958m	0.126	ng	

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

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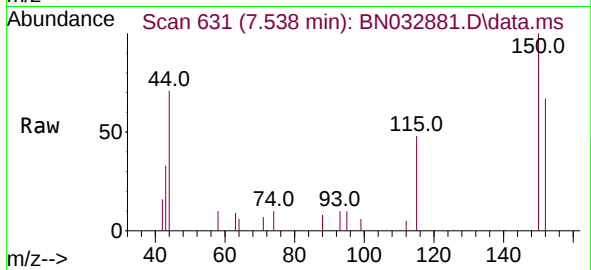
Quant Time: Jul 22 00:44:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
Response via : Initial Calibration





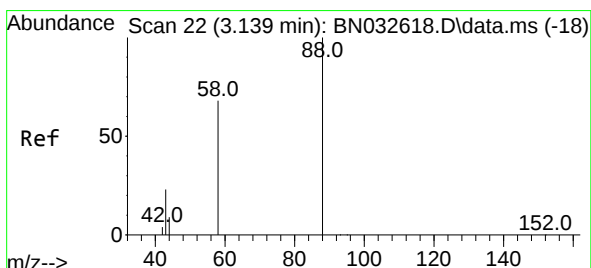
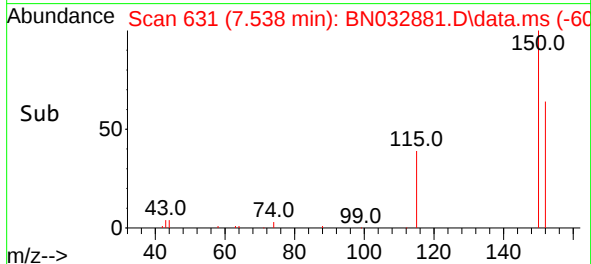
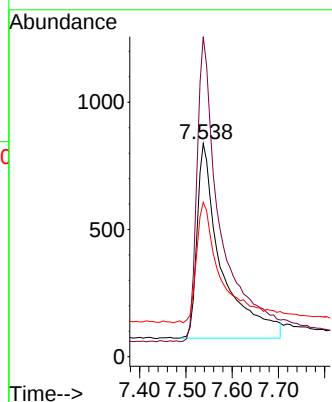
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.538 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN032881.D
 Acq: 20 Jul 2024 17:47

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20240717



Tgt Ion:152 Resp: 2793

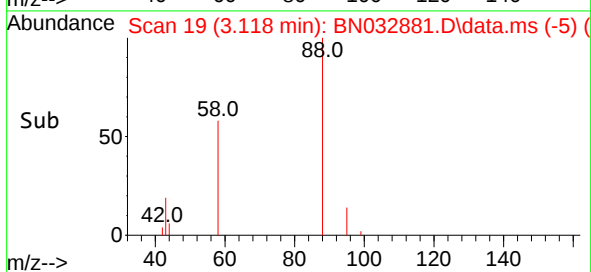
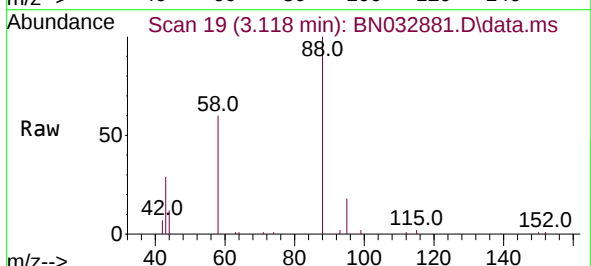
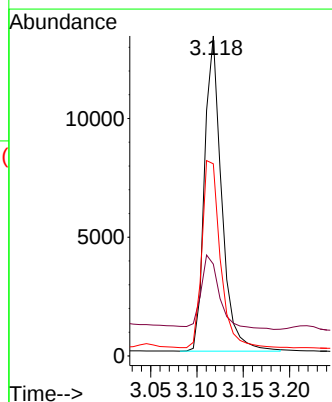
Ion	Ratio	Lower	Upper
152	100		
150	150.1	123.8	185.6
115	72.3	52.8	79.2

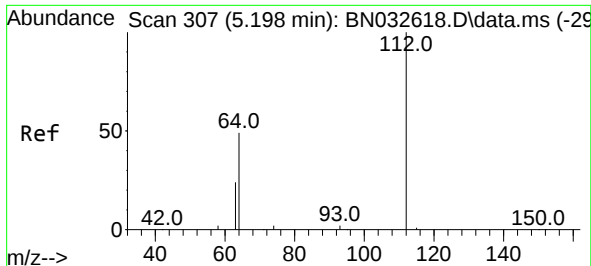


#2
 1,4-Dioxane
 Concen: 4.932 ng
 RT: 3.118 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: BN032881.D
 Acq: 20 Jul 2024 17:47

Tgt Ion: 88 Resp: 17066

Ion	Ratio	Lower	Upper
88	100		
43	25.3	18.4	27.6
58	63.7	49.2	73.8

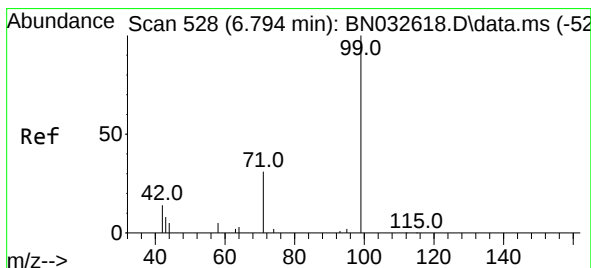
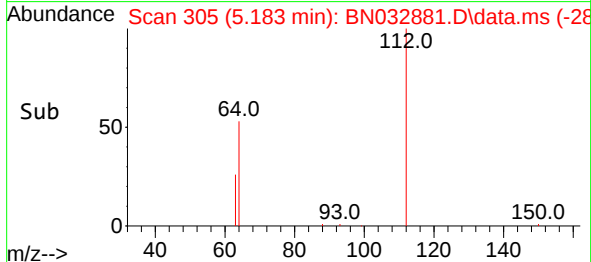
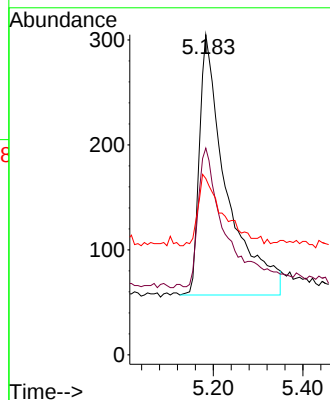
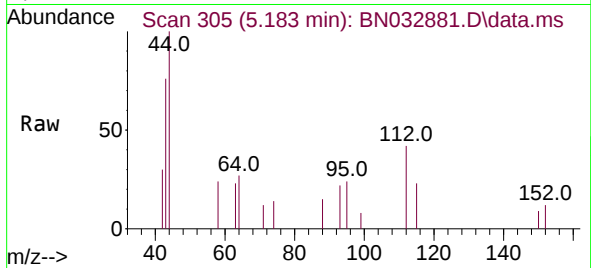




#4
2-Fluorophenol
Concen: 0.148 ng
RT: 5.183 min Scan# 307
Delta R.T. 0.007 min
Lab File: BN032881.D
Acq: 20 Jul 2024 17:47

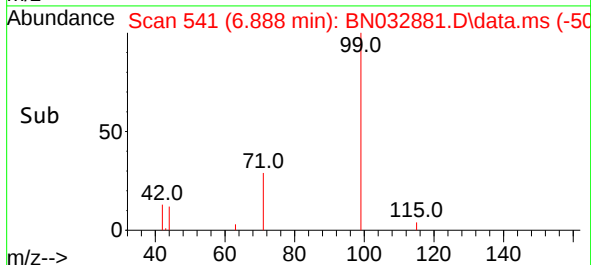
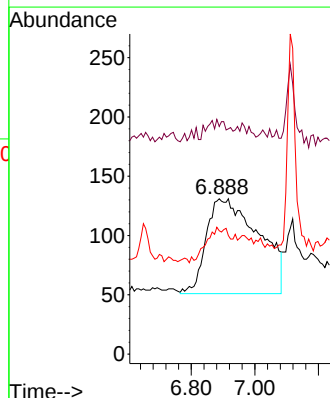
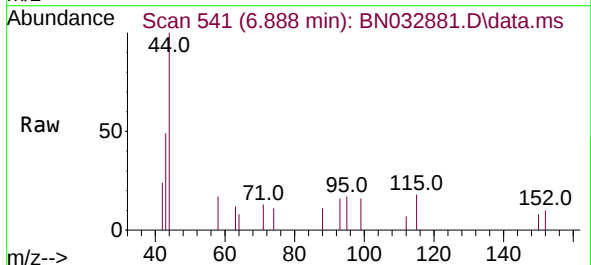
Instrument :
BNA_N
ClientSampleId :
SP-100-20240717

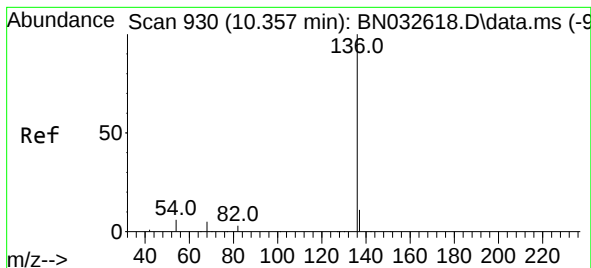
Tgt Ion:112 Resp: 1044
Ion Ratio Lower Upper
112 100
64 53.5 40.2 60.4
63 25.9 22.2 33.4



#5
Phenol-d6
Concen: 0.105 ng m
RT: 6.888 min Scan# 541
Delta R.T. 0.108 min
Lab File: BN032881.D
Acq: 20 Jul 2024 17:47

Tgt Ion: 99 Resp: 921
Ion Ratio Lower Upper
99 100
42 0.0 10.5 15.7#
71 10.9 22.3 33.5#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.325 min Scan# 91

Delta R.T. 0.021 min

Lab File: BN032881.D

Acq: 20 Jul 2024 17:47

Instrument :

BNA_N

ClientSampleId :

SP-100-20240717

Tgt Ion:136 Resp: 9084

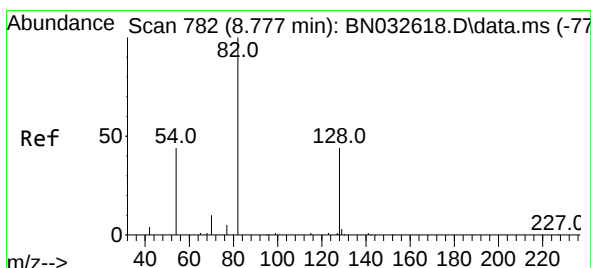
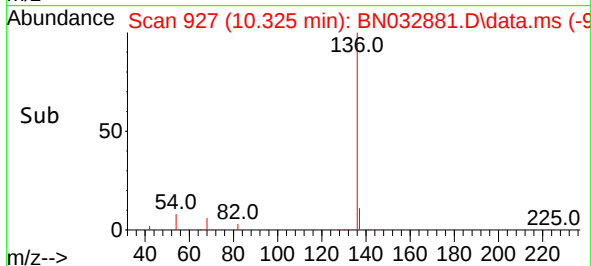
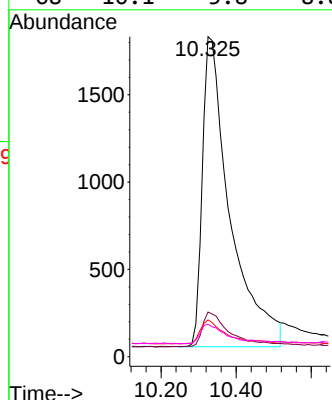
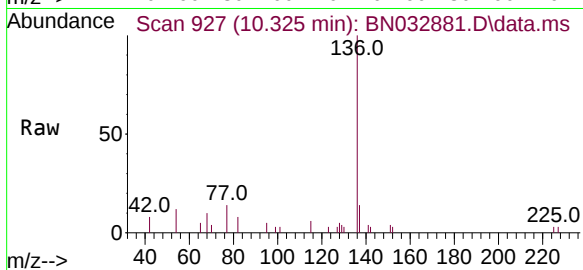
Ion Ratio Lower Upper

136 100

137 14.0 9.9 14.9

54 11.5 6.5 9.7#

68 10.1 5.8 8.8#



#8

Nitrobenzene-d5

Concen: 0.330 ng m

RT: 8.809 min Scan# 785

Delta R.T. 0.075 min

Lab File: BN032881.D

Acq: 20 Jul 2024 17:47

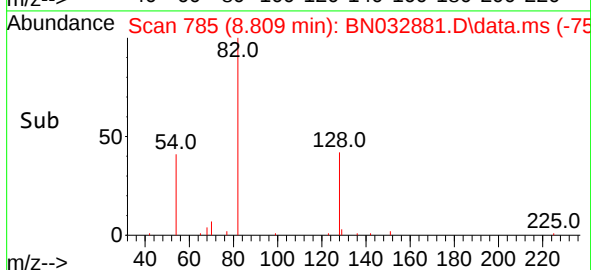
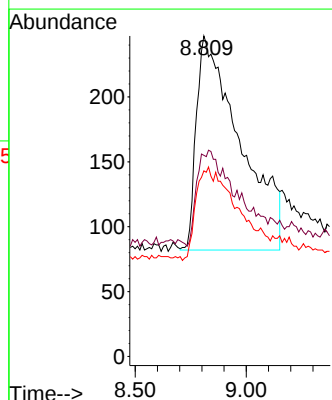
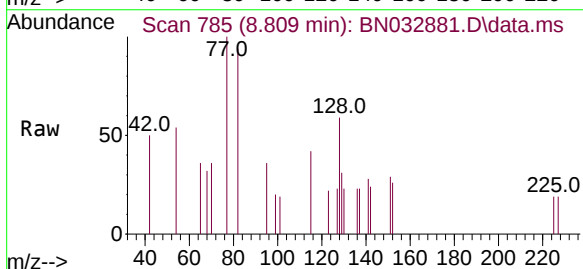
Tgt Ion: 82 Resp: 2258

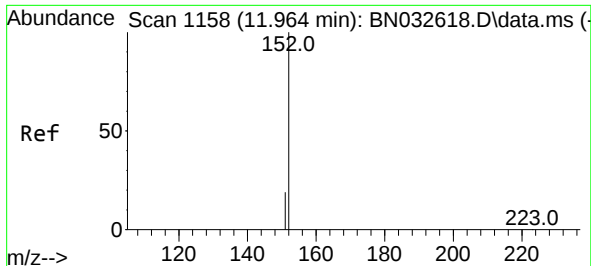
Ion Ratio Lower Upper

82 100

128 62.8 41.7 62.5#

54 57.9 39.5 59.3

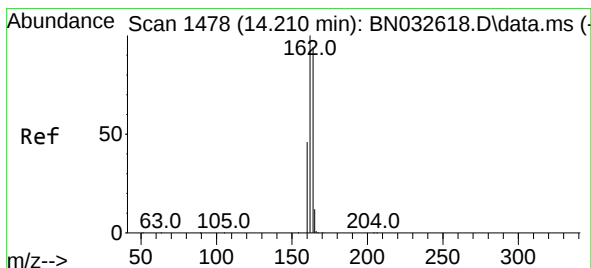
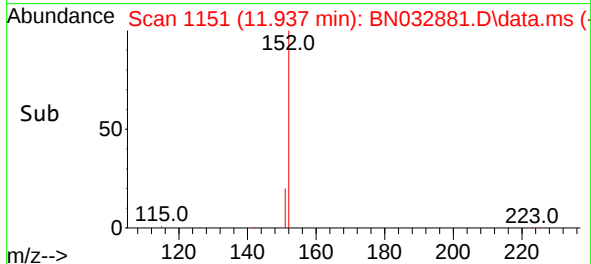
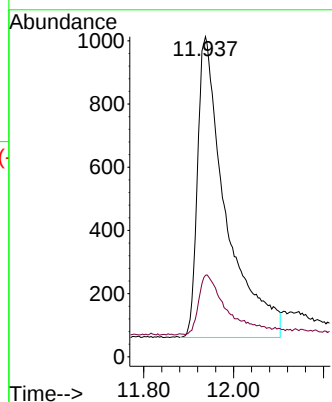
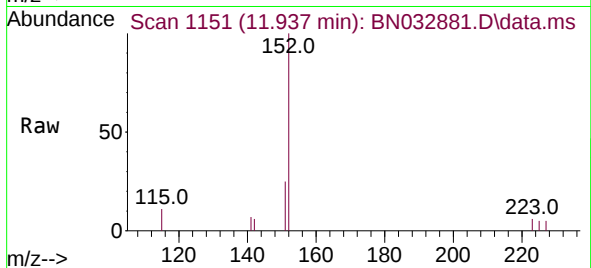




#11
2-Methylnaphthalene-d10
Concen: 0.299 ng
RT: 11.937 min Scan# 1151
Delta R.T. 0.023 min
Lab File: BN032881.D
Acq: 20 Jul 2024 17:47

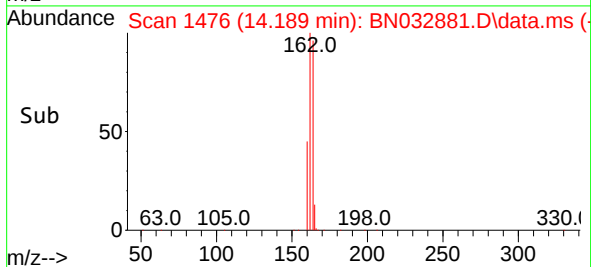
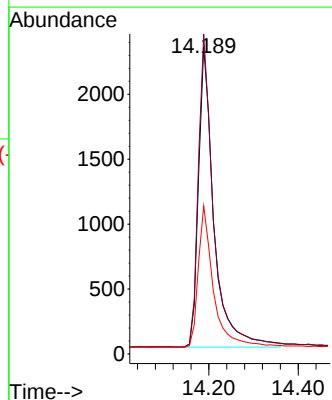
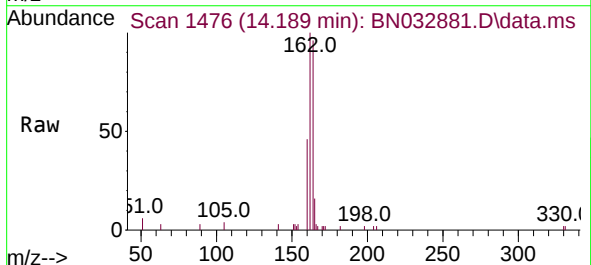
Instrument :
BNA_N
ClientSampleId :
SP-100-20240717

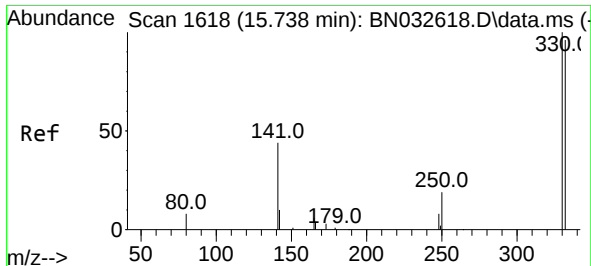
Tgt Ion:152 Resp: 4159
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 1476
Delta R.T. 0.011 min
Lab File: BN032881.D
Acq: 20 Jul 2024 17:47

Tgt Ion:164 Resp: 5584
Ion Ratio Lower Upper
164 100
162 104.1 85.0 127.4
160 48.1 39.4 59.2

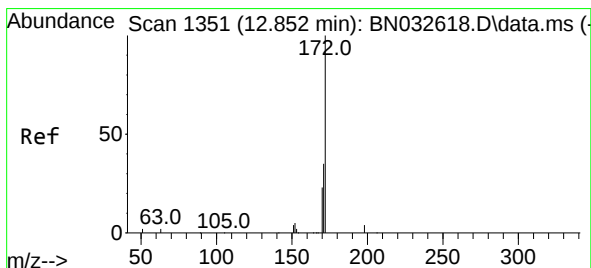
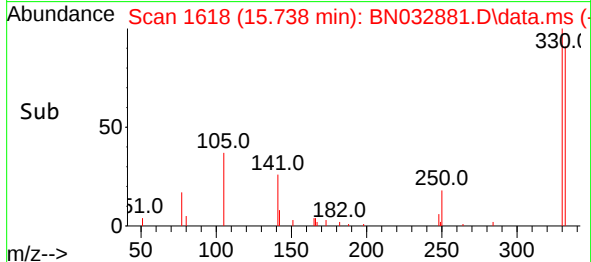
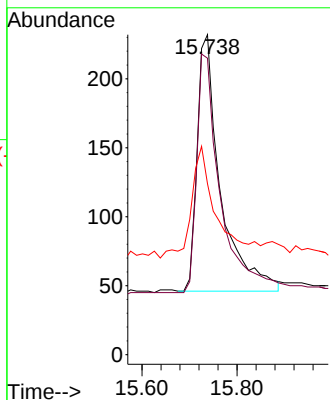
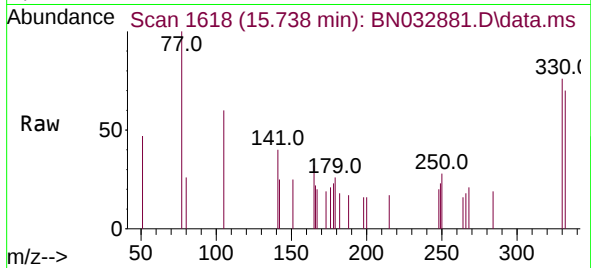




#14
2,4,6-Tribromophenol
Concen: 0.266 ng
RT: 15.738 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN032881.D
Acq: 20 Jul 2024 17:47

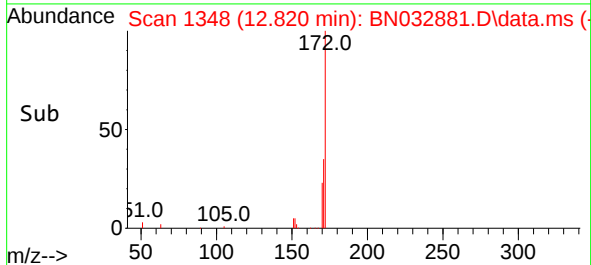
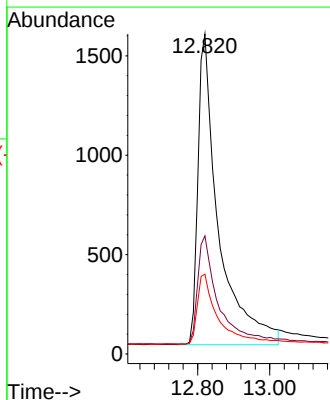
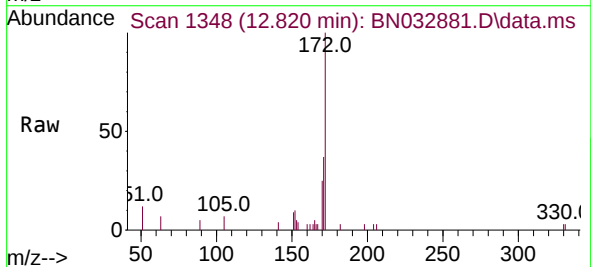
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ClientSampleId :
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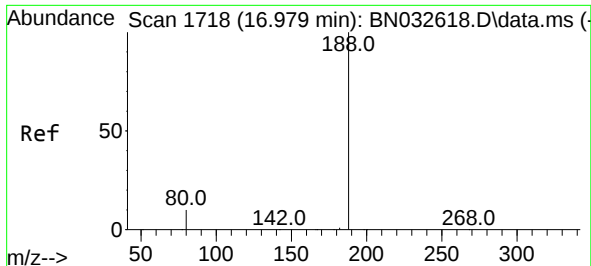
Tgt Ion:330 Resp: 635
Ion Ratio Lower Upper
330 100
332 94.0 77.8 116.8
141 35.9 34.2 51.2



#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 12.820 min Scan# 1348
Delta R.T. 0.011 min
Lab File: BN032881.D
Acq: 20 Jul 2024 17:47

Tgt Ion:172 Resp: 6205
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 25.0 19.0 28.6

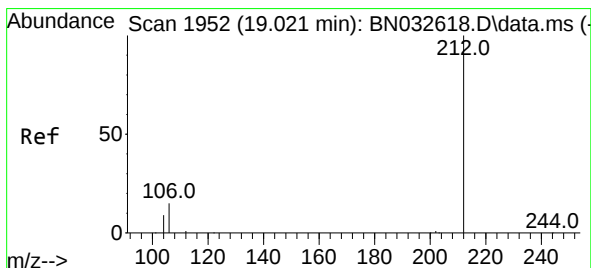
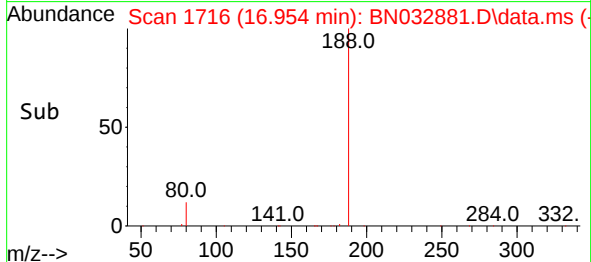
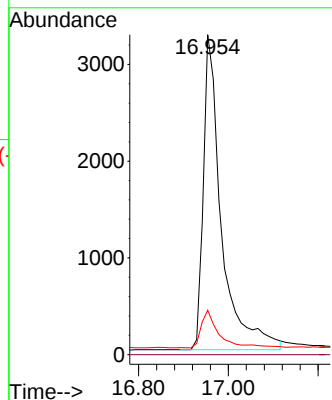
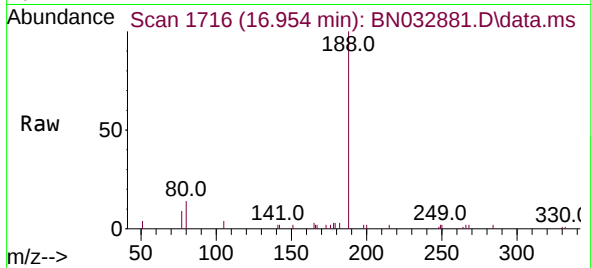




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.954 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN032881.D
Acq: 20 Jul 2024 17:47

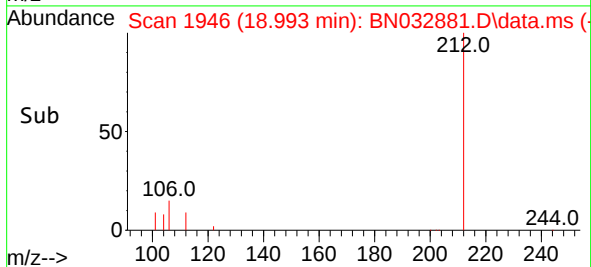
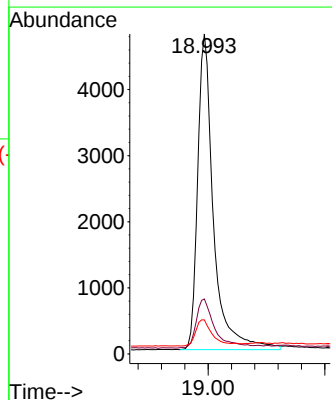
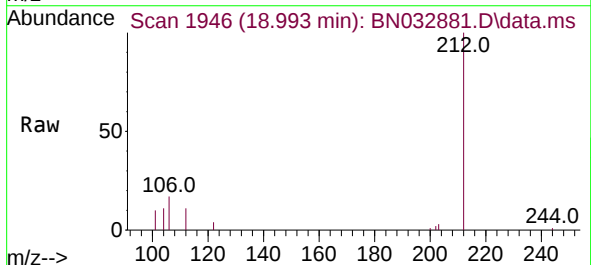
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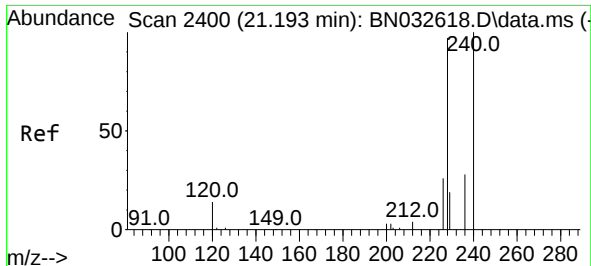
Tgt Ion:188 Resp: 9129
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 8.8 13.2#



#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 18.993 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BN032881.D
Acq: 20 Jul 2024 17:47

Tgt Ion:212 Resp: 8997
Ion Ratio Lower Upper
212 100
106 18.2 11.9 17.9#
104 8.6 6.9 10.3

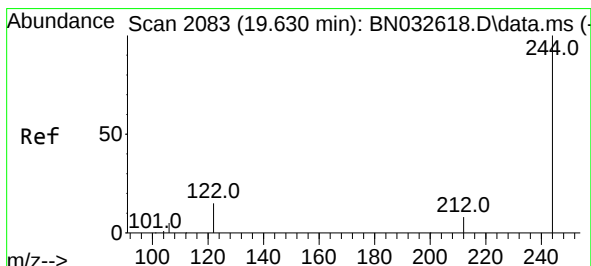
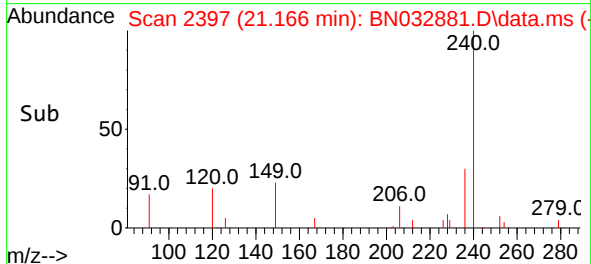
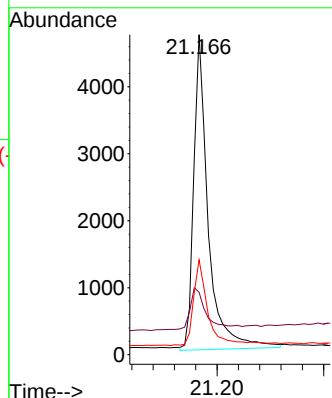
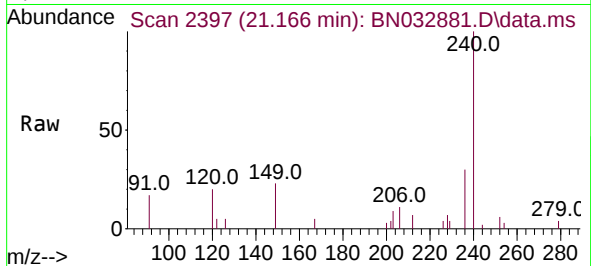




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.166 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN032881.D
Acq: 20 Jul 2024 17:47

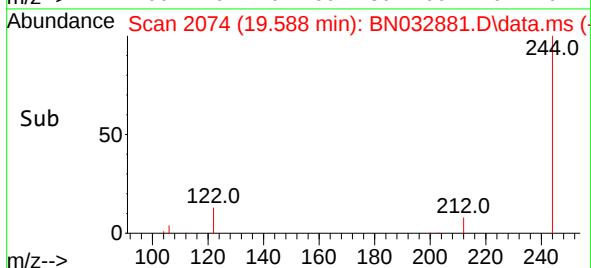
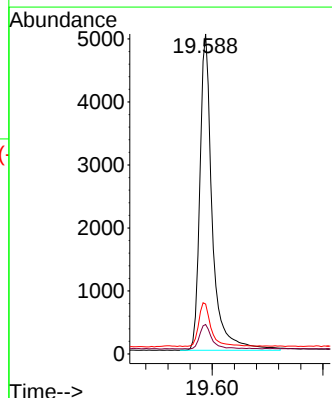
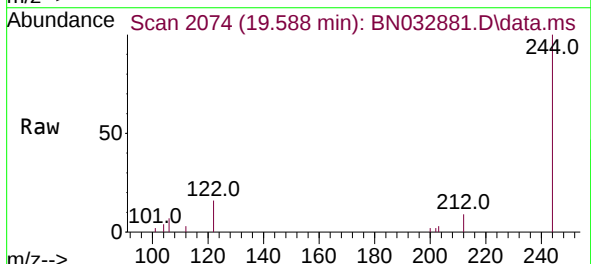
Instrument :
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ClientSampleId :
SP-100-20240717

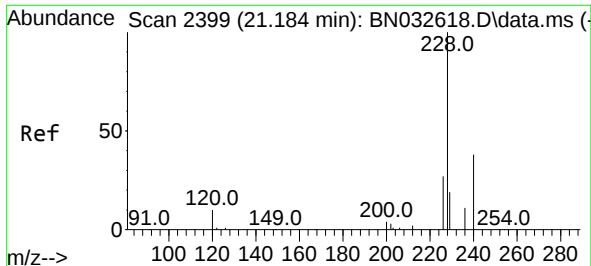
Tgt Ion:240 Resp: 8890
Ion Ratio Lower Upper
240 100
120 19.5 14.8 22.2
236 29.6 23.3 34.9



#31
Terphenyl-d14
Concen: 0.429 ng
RT: 19.588 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BN032881.D
Acq: 20 Jul 2024 17:47

Tgt Ion:244 Resp: 7809
Ion Ratio Lower Upper
244 100
212 9.2 7.5 11.3
122 15.6 12.6 19.0

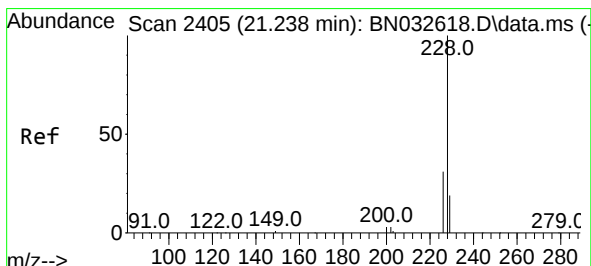
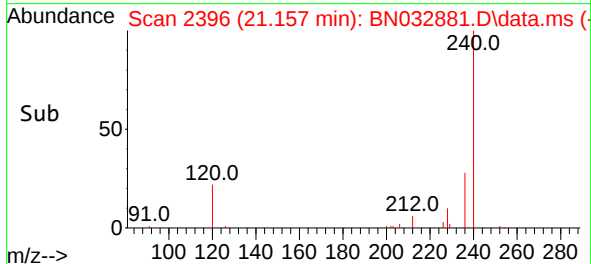
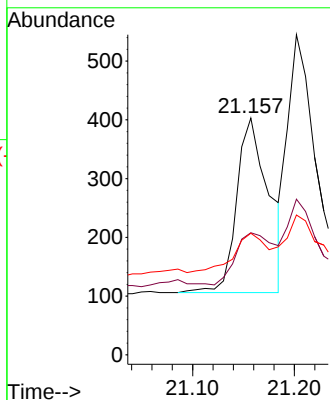
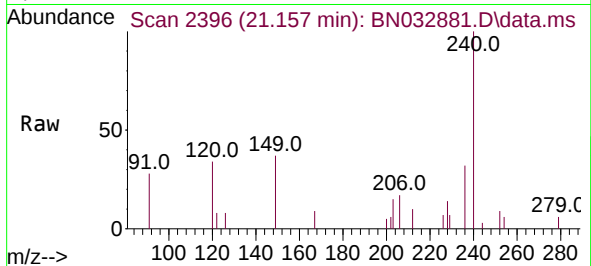




#32
Benzo(a)anthracene
Concen: 0.023 ng
RT: 21.157 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN032881.D
Acq: 20 Jul 2024 17:47

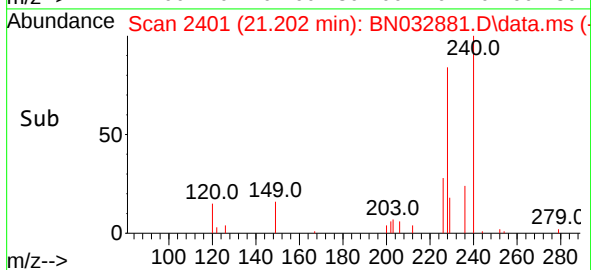
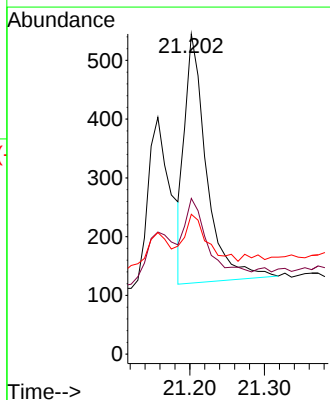
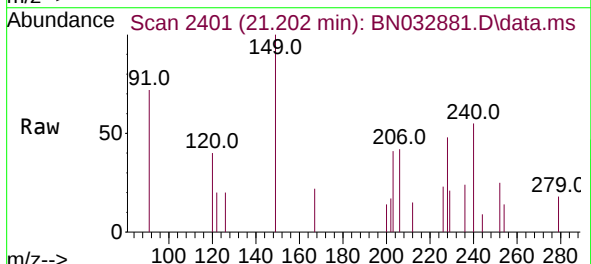
Instrument :
BNA_N
ClientSampleId :
SP-100-20240717

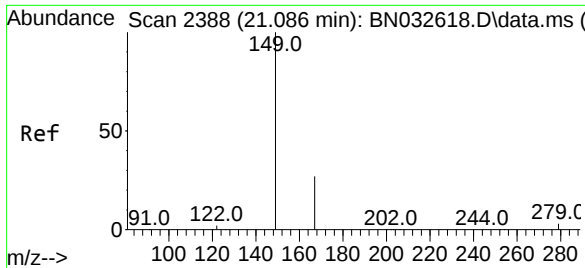
Tgt Ion:228 Resp: 651
Ion Ratio Lower Upper
228 100
226 51.6 21.8 32.6#
229 51.4 16.0 24.0#



#33
Chrysene
Concen: 0.026 ng
RT: 21.202 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BN032881.D
Acq: 20 Jul 2024 17:47

Tgt Ion:228 Resp: 858
Ion Ratio Lower Upper
228 100
226 48.6 24.2 36.2#
229 43.7 16.0 24.0#

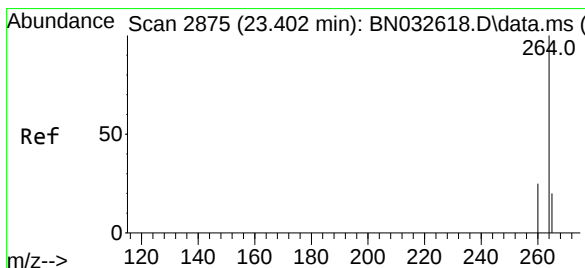
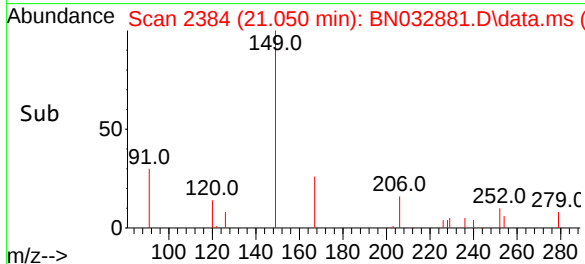
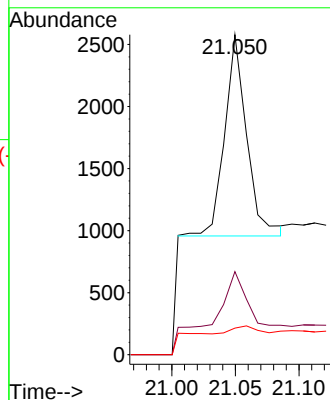
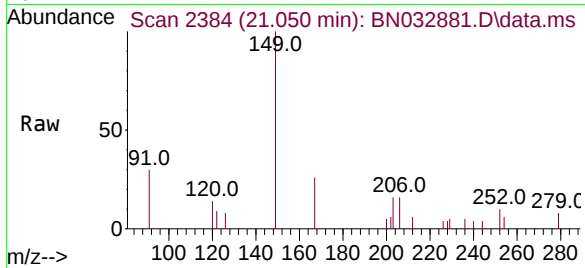




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.126 ng m
 RT: 21.050 min Scan# 2105
 Delta R.T. -0.000 min
 Lab File: BN032881.D
 Acq: 20 Jul 2024 17:47

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20240717

Tgt Ion:149 Resp: 1958
 Ion Ratio Lower Upper
 149 100
 167 85.7 21.4 32.2#
 279 9.7 2.8 4.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.358 min Scan# 2860
 Delta R.T. -0.000 min
 Lab File: BN032881.D
 Acq: 20 Jul 2024 17:47

Tgt Ion:264 Resp: 10149
 Ion Ratio Lower Upper
 264 100
 260 26.8 20.9 31.3
 265 89.0 85.4 128.2

