

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072024\
 Data File : BN032884.D
 Acq On : 20 Jul 2024 19:35
 Operator : MA/JU
 Sample : P3307-02
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB189-HYD-20240717

Quant Time: Jul 22 00:44:42 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)

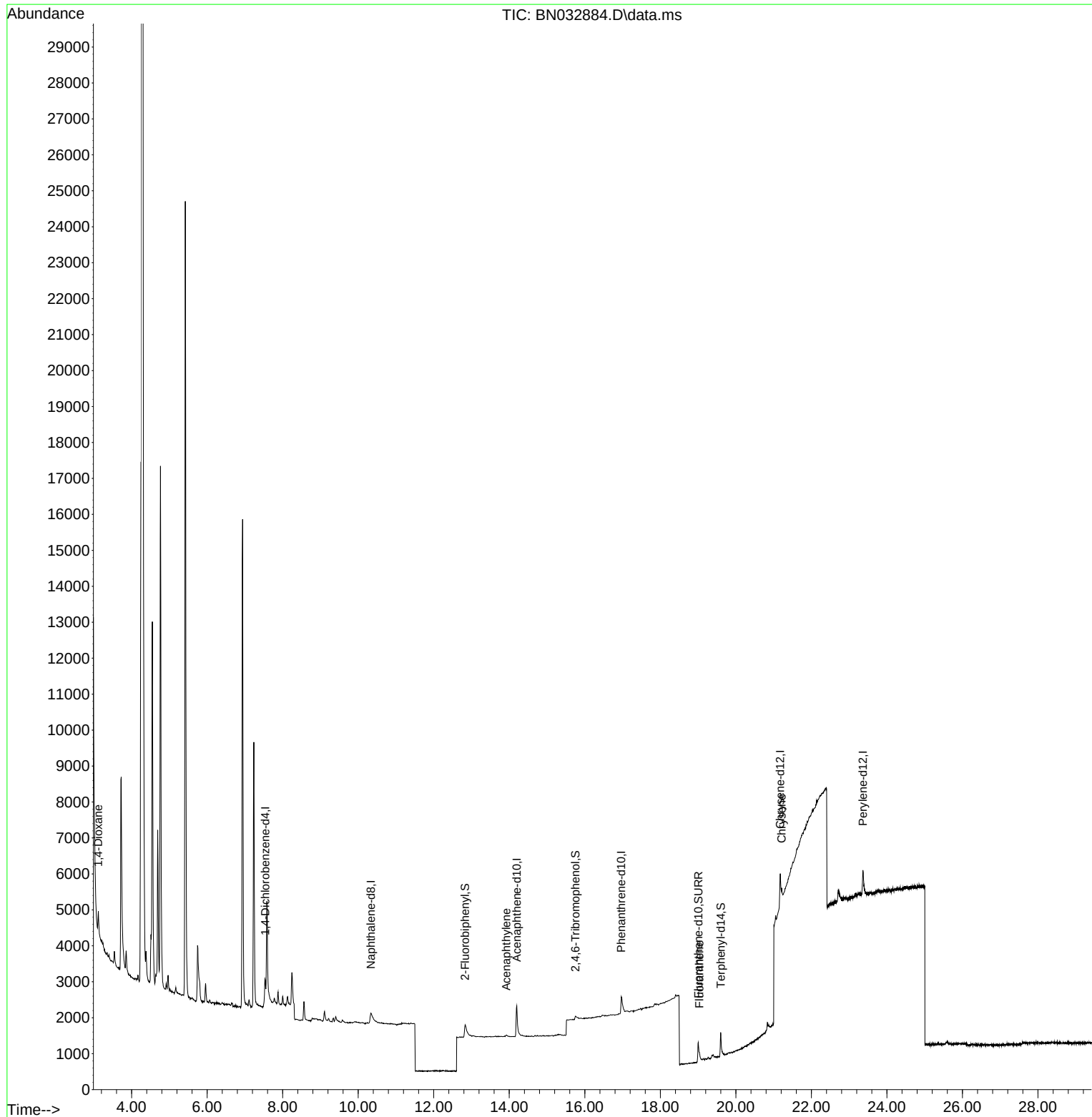
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.538	152	476	0.400	ng	# 0.00
7) Naphthalene-d8	10.336	136	1384	0.400	ng	# 0.03
13) Acenaphthene-d10	14.199	164	901	0.400	ng	0.02
19) Phenanthrene-d10	16.967	188	1564	0.400	ng	# 0.01
29) Chrysene-d12	21.175	240	1326	0.400	ng	# 0.00
35) Perylene-d12	23.364	264	1200	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	23	0.019	ng	0.00
5) Phenol-d6	6.751	99	3	0.002	ng	-0.03
8) Nitrobenzene-d5	8.723	82	4	0.004	ng	-0.01
11) 2-Methylnaphthalene-d10	11.828	152	5	0.002	ng	-0.09
14) 2,4,6-Tribromophenol	15.750	330	10	0.026	ng	0.02
15) 2-Fluorobiphenyl	12.831	172	983	0.293	ng	0.02
27) Fluoranthene-d10	19.003	212	940	0.232	ng	0.00
31) Terphenyl-d14	19.597	244	1115	0.410	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.118	88	557	0.945	ng	# 73
16) Acenaphthylene	13.921	152	108	0.029	ng	# 65
28) Fluoranthene	19.035	202	162	0.031	ng	# 30
33) Chrysene	21.211	228	325	0.065	ng	# 22

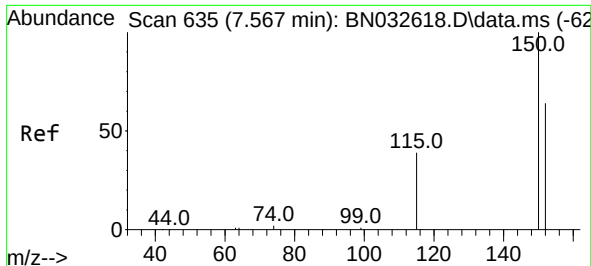
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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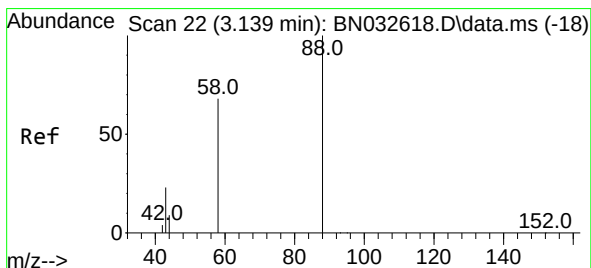
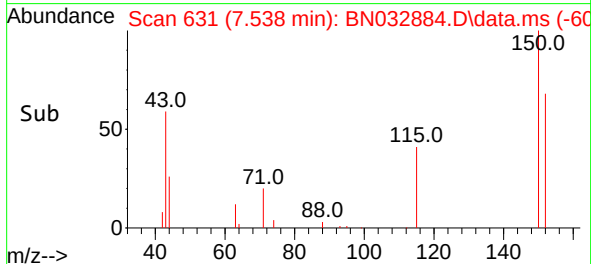
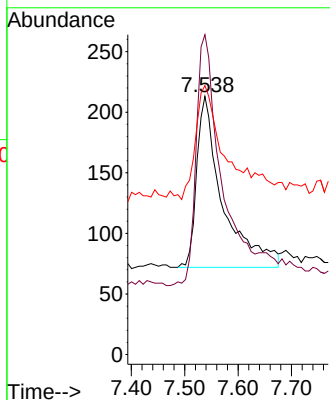
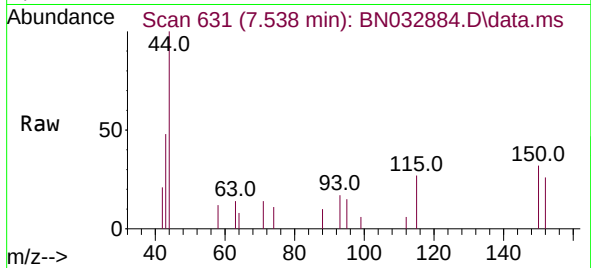




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.538 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN032884.D
Acq: 20 Jul 2024 19:35

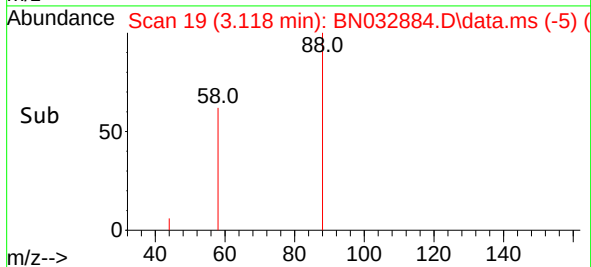
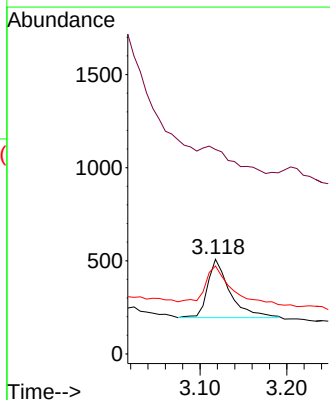
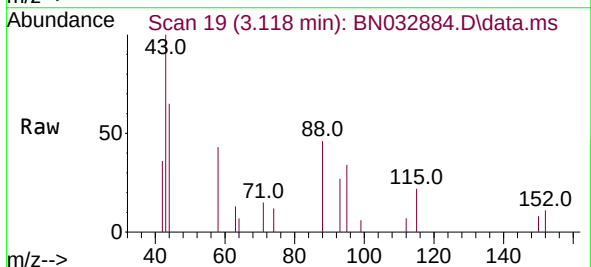
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240717

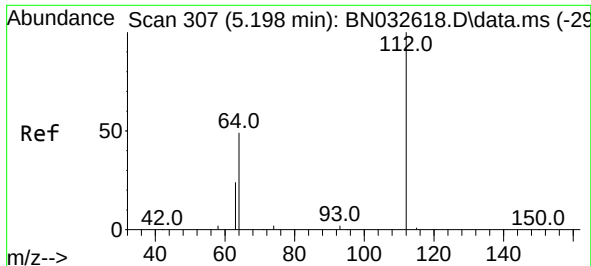
Tgt Ion:152 Resp: 476
Ion Ratio Lower Upper
152 100
150 123.9 123.8 185.6
115 104.2 52.8 79.2#



#2
1,4-Dioxane
Concen: 0.945 ng
RT: 3.118 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN032884.D
Acq: 20 Jul 2024 19:35

Tgt Ion: 88 Resp: 557
Ion Ratio Lower Upper
88 100
43 0.0 18.4 27.6#
58 76.1 49.2 73.8#





#4

2-Fluorophenol

Concen: 0.019 ng

RT: 5.183 min Scan# 307

Delta R.T. 0.007 min

Lab File: BN032884.D

Acq: 20 Jul 2024 19:35

Instrument :

BNA_N

ClientSampleId :

VPB189-HYD-20240717

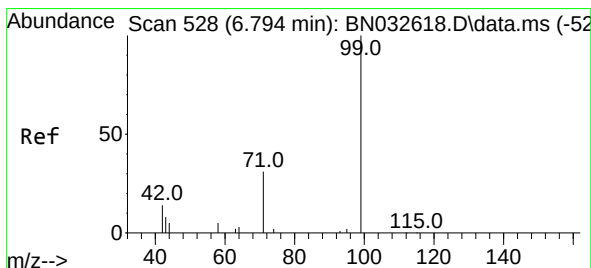
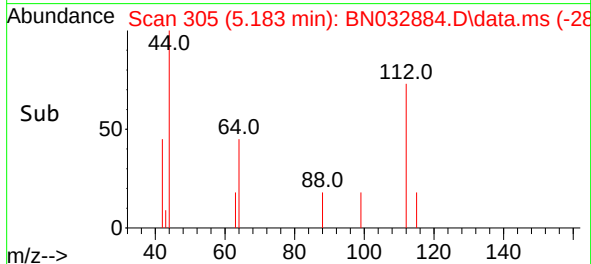
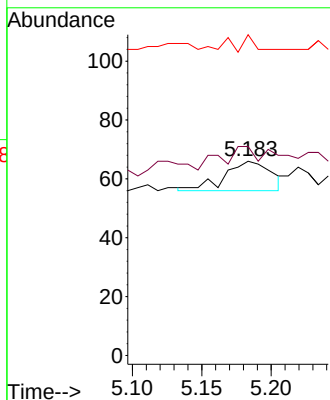
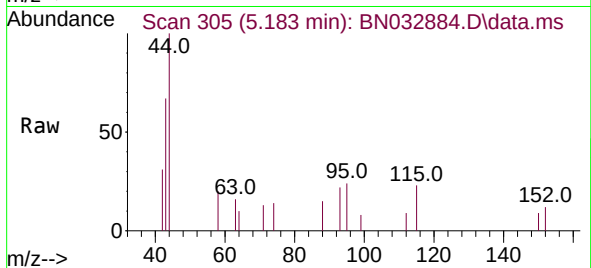
Tgt Ion:112 Resp: 23

Ion Ratio Lower Upper

112 100

64 56.5 40.2 60.4

63 8.7 22.2 33.4#



#5

Phenol-d6

Concen: 0.002 ng

RT: 6.751 min Scan# 522

Delta R.T. -0.029 min

Lab File: BN032884.D

Acq: 20 Jul 2024 19:35

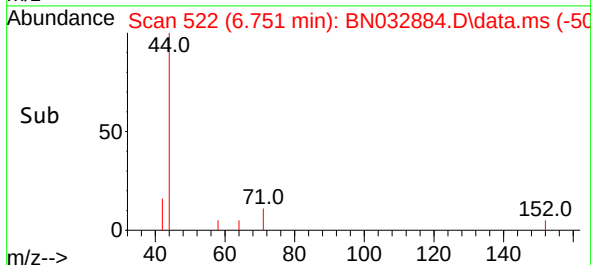
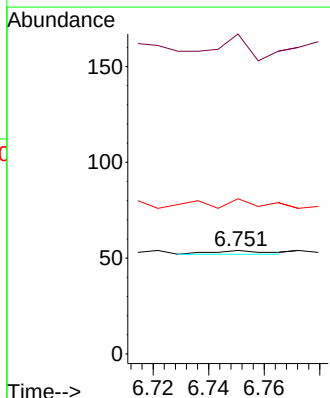
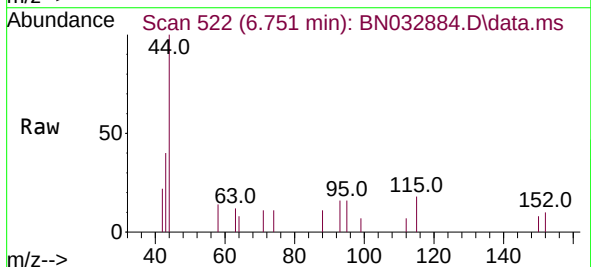
Tgt Ion: 99 Resp: 3

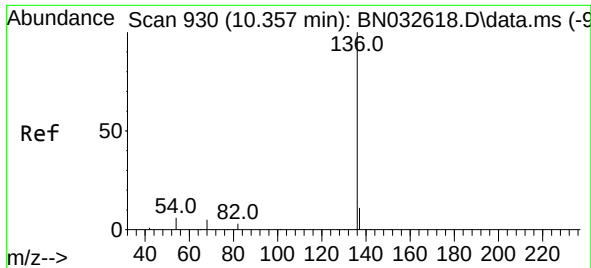
Ion Ratio Lower Upper

99 100

42 0.0 10.5 15.7#

71 0.0 22.3 33.5#

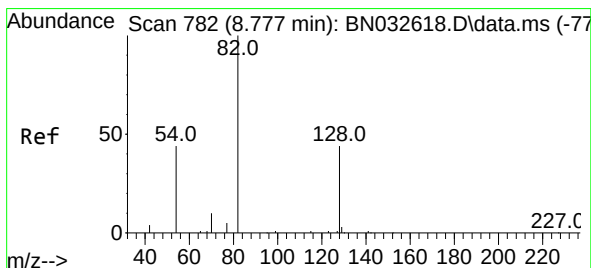
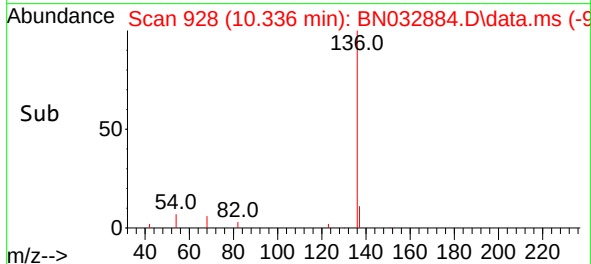
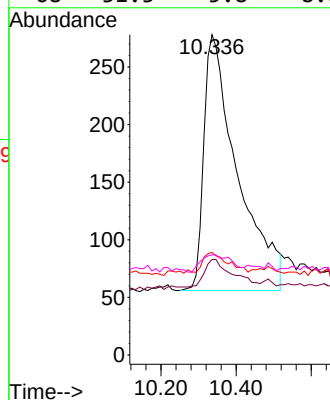
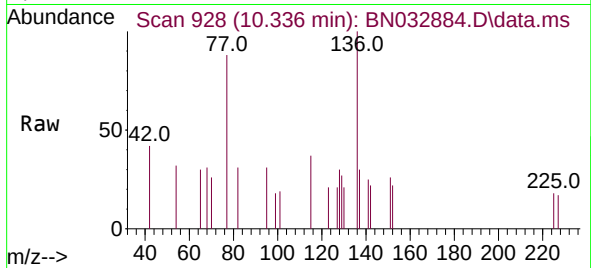




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.336 min Scan# 91
Delta R.T. 0.032 min
Lab File: BN032884.D
Acq: 20 Jul 2024 19:35

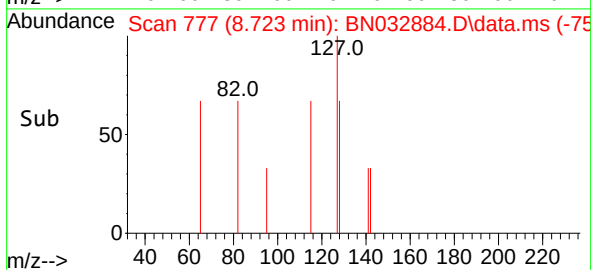
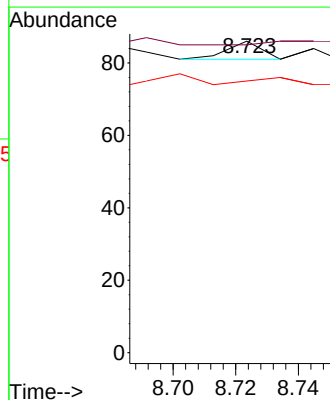
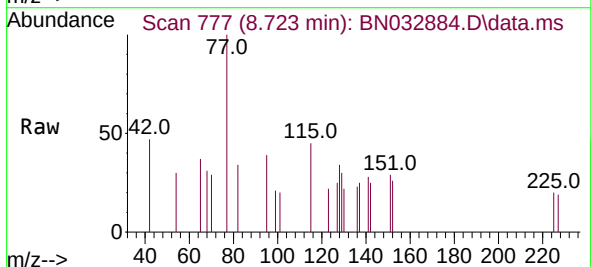
Instrument :
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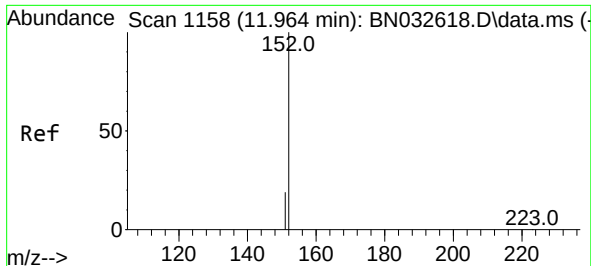
Tgt	Ion:136	Resp:	1384
Ion	Ratio	Lower	Upper
136	100		
137	29.9	9.9	14.9#
54	32.0	6.5	9.7#
68	31.3	5.8	8.8#



#8
Nitrobenzene-d5
Concen: 0.004 ng
RT: 8.723 min Scan# 777
Delta R.T. -0.011 min
Lab File: BN032884.D
Acq: 20 Jul 2024 19:35

Tgt Ion: 82	Resp:	4
Ion Ratio	Lower	Upper
82 100		
128 98.8	41.7	62.5#
54 87.2	39.5	59.3#

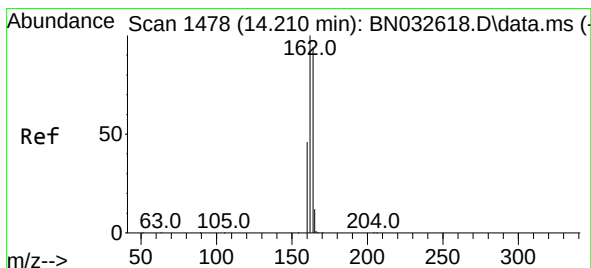
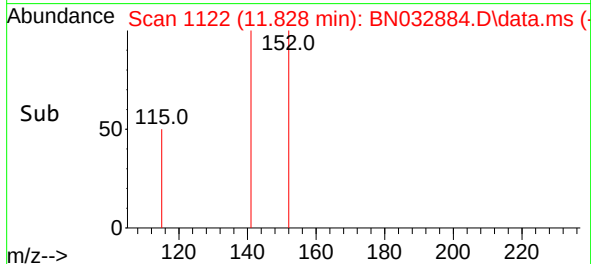
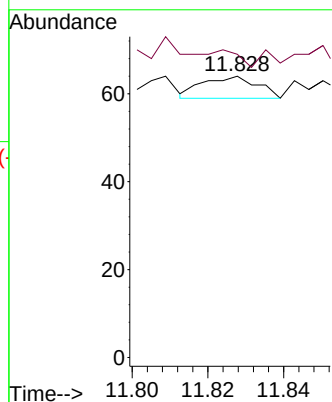
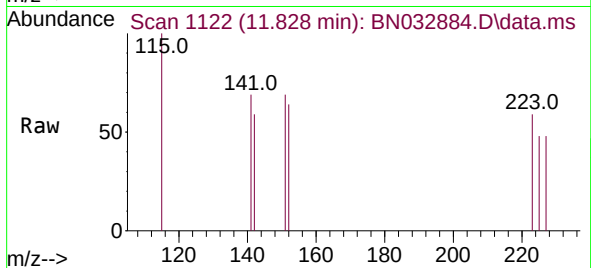




#11
2-Methylnaphthalene-d10
Concen: 0.002 ng
RT: 11.828 min Scan# 1158
Delta R.T. -0.087 min
Lab File: BN032884.D
Acq: 20 Jul 2024 19:35

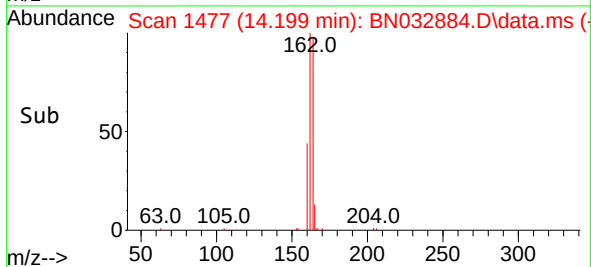
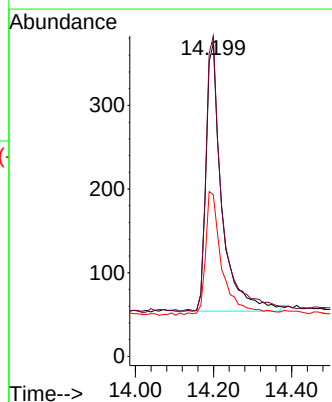
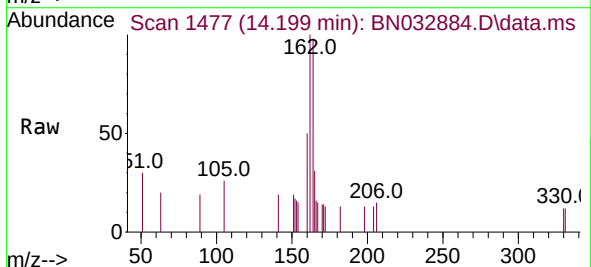
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240717

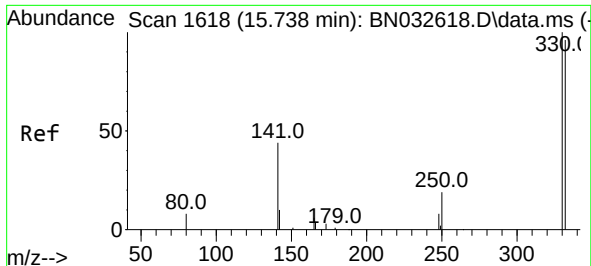
Tgt Ion:152 Resp: 5
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.199 min Scan# 1477
Delta R.T. 0.021 min
Lab File: BN032884.D
Acq: 20 Jul 2024 19:35

Tgt Ion:164 Resp: 901
Ion Ratio Lower Upper
164 100
162 102.4 85.0 127.4
160 51.6 39.4 59.2

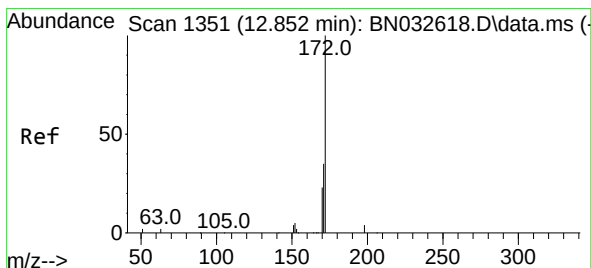
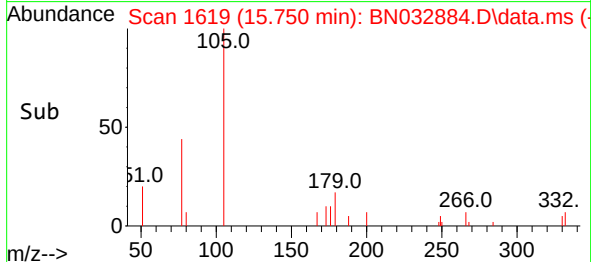
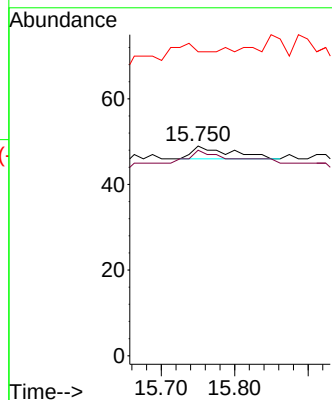
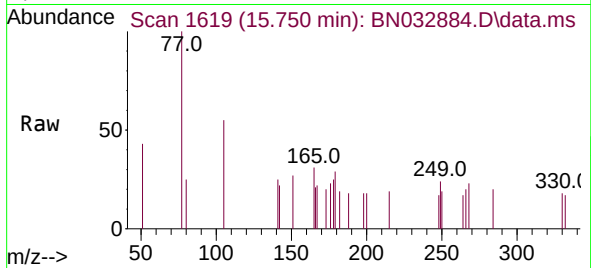




#14
2,4,6-Tribromophenol
Concen: 0.026 ng
RT: 15.750 min Scan# 1
Delta R.T. 0.025 min
Lab File: BN032884.D
Acq: 20 Jul 2024 19:35

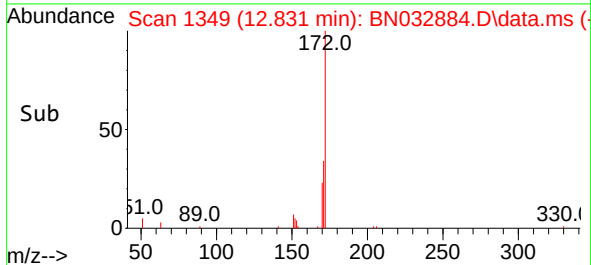
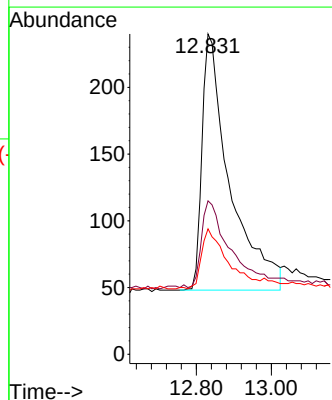
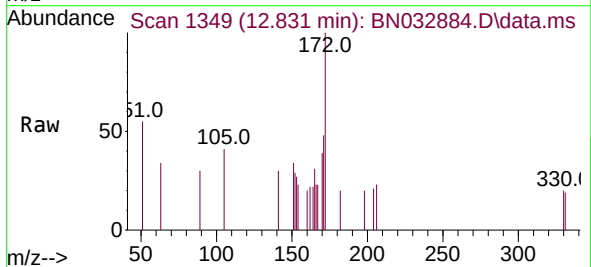
Instrument :
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ClientSampleId :
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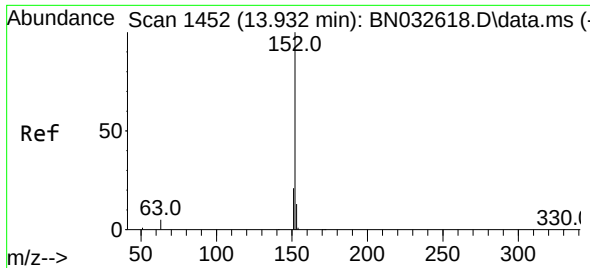
Tgt Ion:330 Resp: 10
Ion Ratio Lower Upper
330 100
332 110.0 77.8 116.8
141 100.0 34.2 51.2#



#15
2-Fluorobiphenyl
Concen: 0.293 ng
RT: 12.831 min Scan# 1349
Delta R.T. 0.021 min
Lab File: BN032884.D
Acq: 20 Jul 2024 19:35

Tgt Ion:172 Resp: 983
Ion Ratio Lower Upper
172 100
171 47.9 28.6 43.0#
170 39.2 19.0 28.6#

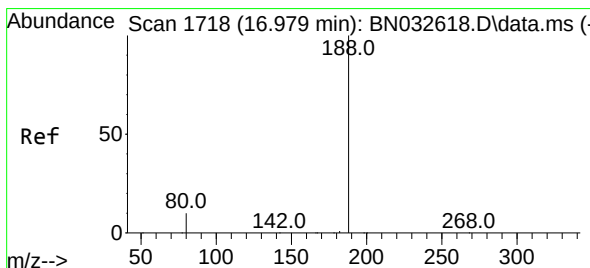
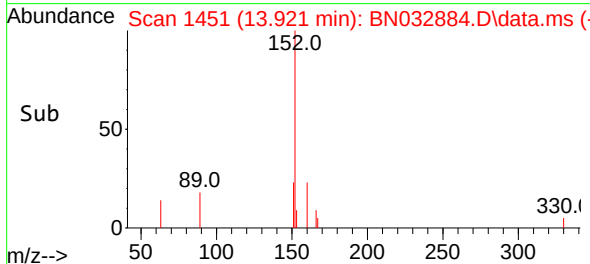
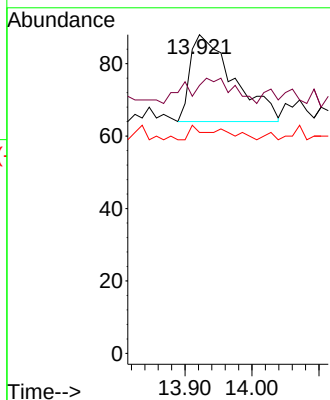
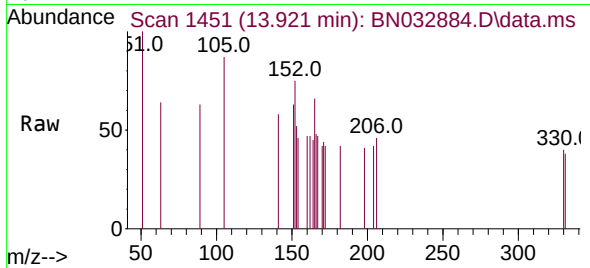




#16
Acenaphthylene
Concen: 0.029 ng
RT: 13.921 min Scan# 1451
Delta R.T. 0.021 min
Lab File: BN032884.D
Acq: 20 Jul 2024 19:35

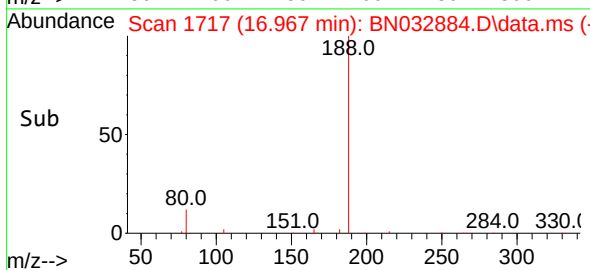
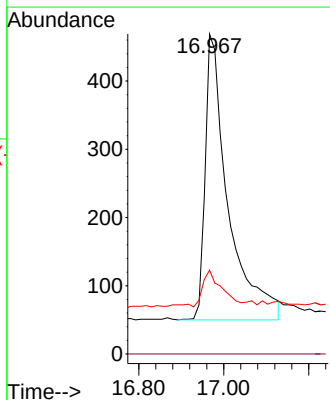
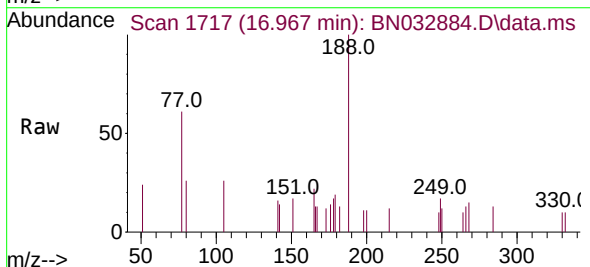
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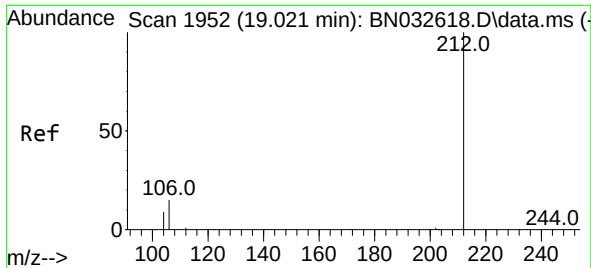
Tgt Ion:152 Resp: 108
Ion Ratio Lower Upper
152 100
151 0.0 16.0 24.0#
153 4.6 10.6 15.8#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.967 min Scan# 1717
Delta R.T. 0.012 min
Lab File: BN032884.D
Acq: 20 Jul 2024 19:35

Tgt Ion:188 Resp: 1564
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 26.2 8.8 13.2#

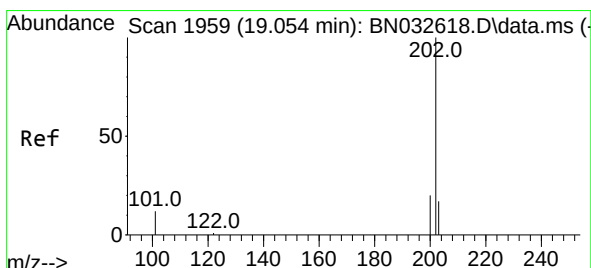
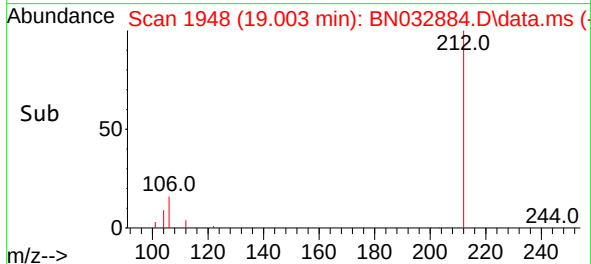
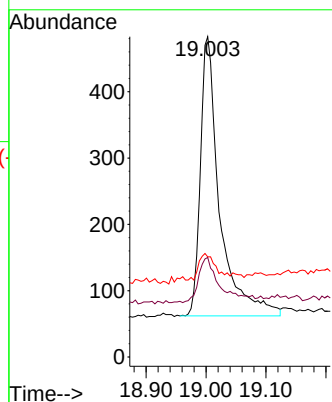
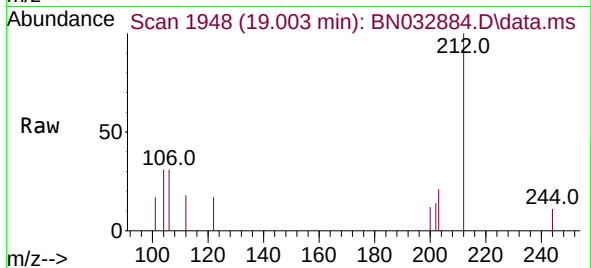




#27
Fluoranthene-d10
Concen: 0.232 ng
RT: 19.003 min Scan# 1948
Delta R.T. 0.009 min
Lab File: BN032884.D
Acq: 20 Jul 2024 19:35

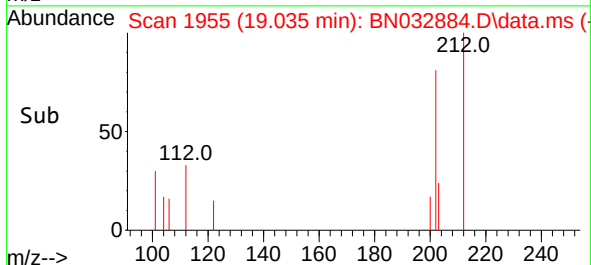
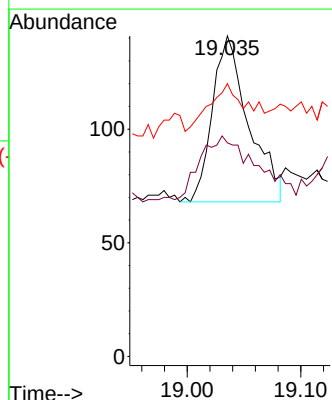
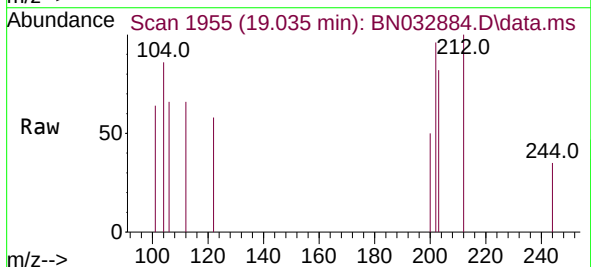
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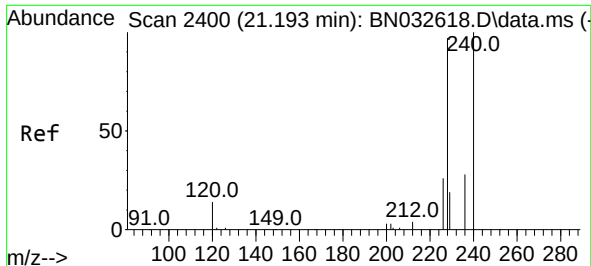
Tgt Ion:212 Resp: 940
Ion Ratio Lower Upper
212 100
106 18.2 11.9 17.9#
104 8.4 6.9 10.3



#28
Fluoranthene
Concen: 0.031 ng
RT: 19.035 min Scan# 1955
Delta R.T. 0.014 min
Lab File: BN032884.D
Acq: 20 Jul 2024 19:35

Tgt Ion:202 Resp: 162
Ion Ratio Lower Upper
202 100
101 59.9 9.6 14.4#
203 31.5 13.8 20.6#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.175 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN032884.D

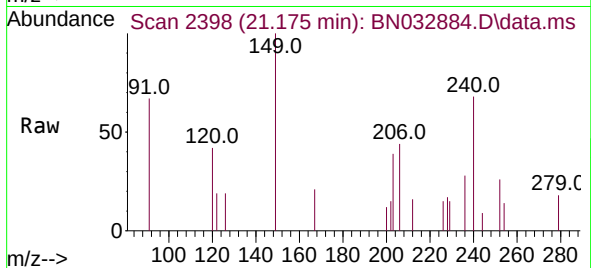
Acq: 20 Jul 2024 19:35

Instrument :

BNA_N

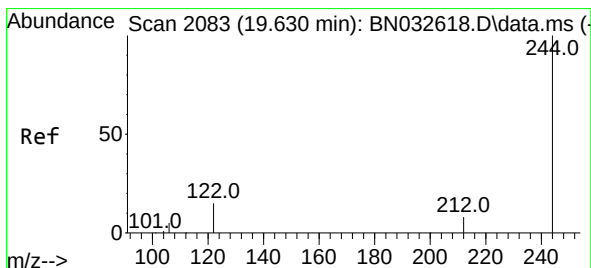
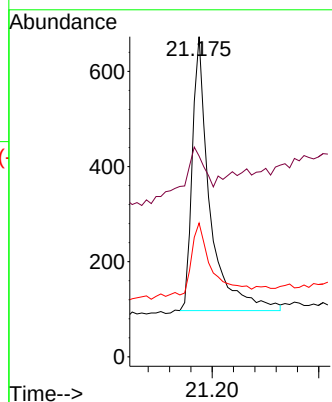
ClientSampleId :

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Tgt Ion:240 Resp: 1326

Ion	Ratio	Lower	Upper
240	100		
120	62.7	14.8	22.2#
236	41.8	23.3	34.9#



#31

Terphenyl-d14

Concen: 0.410 ng

RT: 19.597 min Scan# 2076

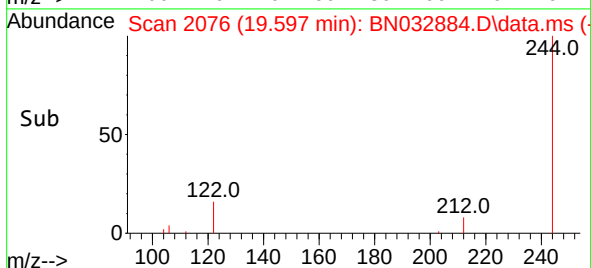
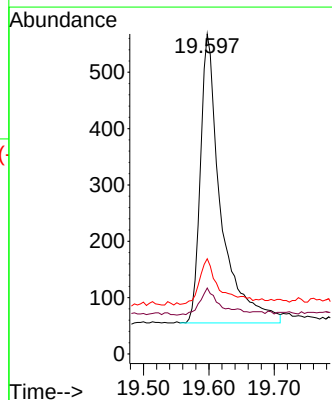
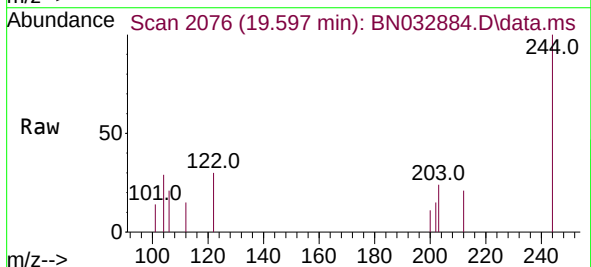
Delta R.T. 0.005 min

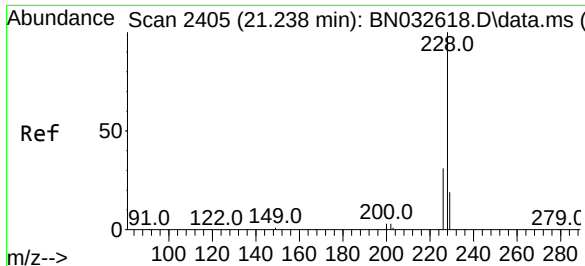
Lab File: BN032884.D

Acq: 20 Jul 2024 19:35

Tgt Ion:244 Resp: 1115

Ion	Ratio	Lower	Upper
244	100		
212	20.6	7.5	11.3#
122	29.8	12.6	19.0#





#33

Chrysene

Concen: 0.065 ng

RT: 21.211 min Scan# 2402

Delta R.T. 0.009 min

Lab File: BN032884.D

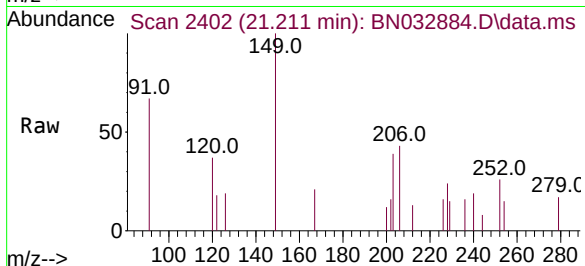
Acq: 20 Jul 2024 19:35

Instrument :

BNA_N

ClientSampleId :

VPB189-HYD-20240717



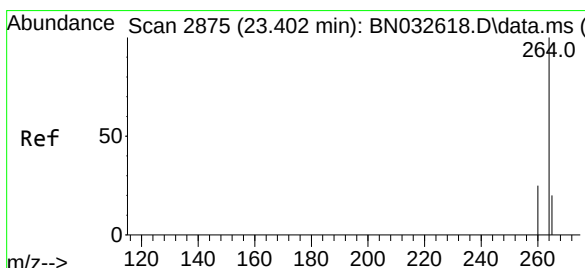
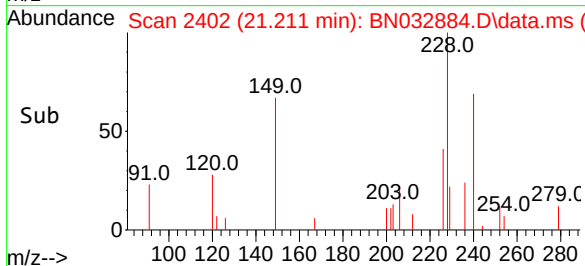
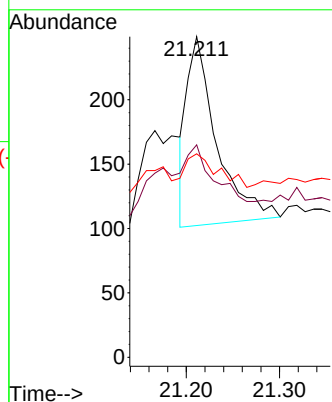
Tgt Ion:228 Resp: 325

Ion Ratio Lower Upper

228 100

226 66.3 24.2 36.2#

229 63.5 16.0 24.0#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.364 min Scan# 2862

Delta R.T. 0.006 min

Lab File: BN032884.D

Acq: 20 Jul 2024 19:35

Tgt Ion:264 Resp: 1200

Ion Ratio Lower Upper

264 100

260 37.0 20.9 31.3#

265 495.5 85.4 128.2#

