

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032568.D
 Acq On : 09 Jul 2024 02:28
 Operator : MA/JU
 Sample : P3143-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-678-680

Quant Time: Jul 09 04:21:30 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)

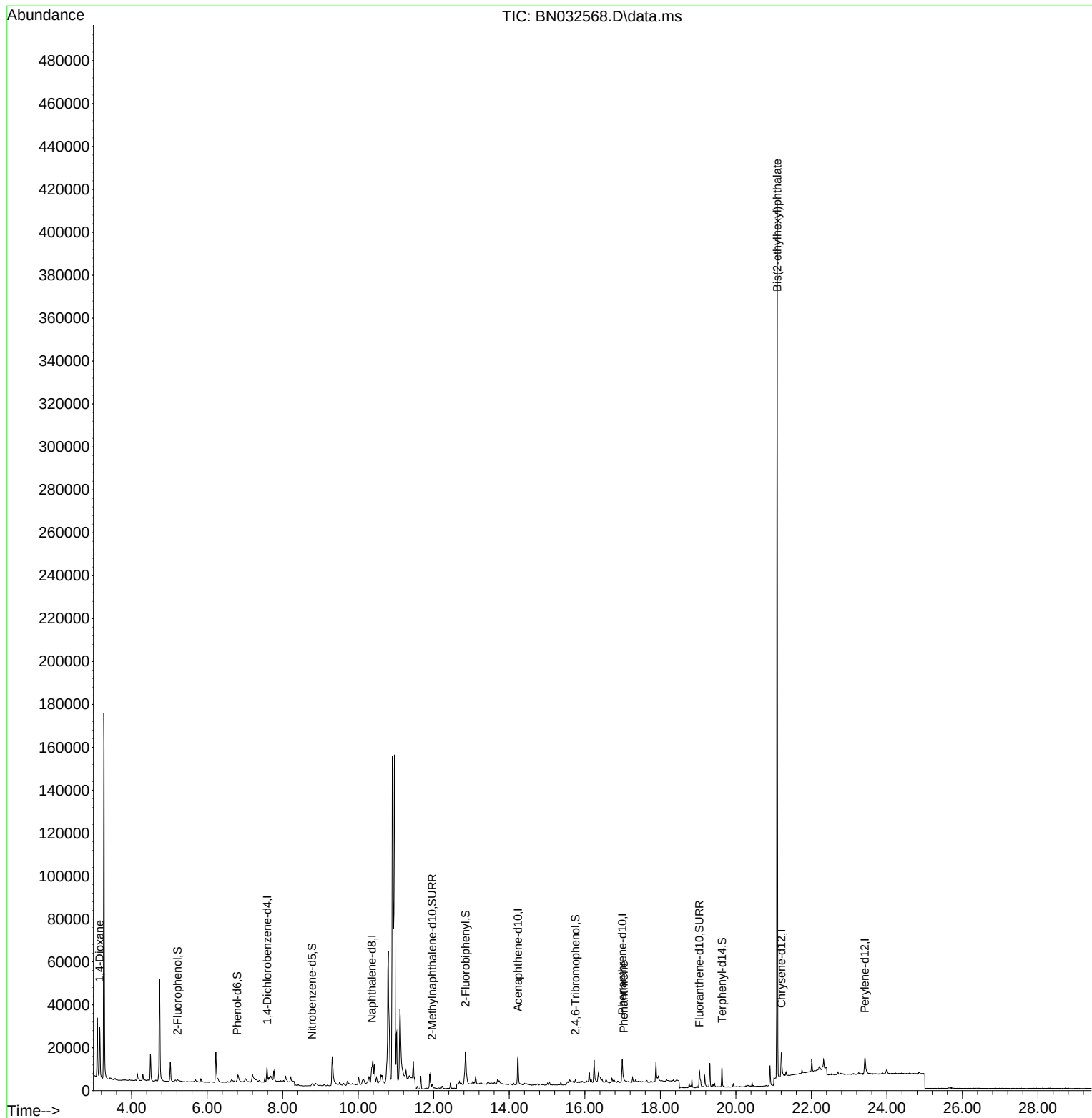
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	3974	0.400	ng	0.00
7) Naphthalene-d8	10.357	136	13290	0.400	ng	#-0.02
13) Acenaphthene-d10	14.232	164	8900	0.400	ng	0.00
19) Phenanthrene-d10	16.991	188	19310	0.400	ng	#-0.01
29) Chrysene-d12	21.202	240	14920	0.400	ng	0.00
35) Perylene-d12	23.417	264	14342	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	1255	0.125	ng	0.00
5) Phenol-d6	6.794	99	1242	0.097	ng	-0.03
8) Nitrobenzene-d5	8.777	82	1281	0.129	ng	-0.02
11) 2-Methylnaphthalene-d10	11.956	152	3306	0.157	ng	-0.03
14) 2,4,6-Tribromophenol	15.750	330	708	0.176	ng	-0.01
15) 2-Fluorobiphenyl	12.842	172	5599	0.171	ng	-0.02
27) Fluoranthene-d10	19.035	212	10138	0.201	ng	0.00
31) Terphenyl-d14	19.630	244	7951	0.218	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.154	88	16289	3.113	ng	98
25) Phenanthrene	17.029	178	1050	0.020	ng	# 63
34) Bis(2-ethylhexyl)phtha...	21.095	149	341404	10.181	ng	99

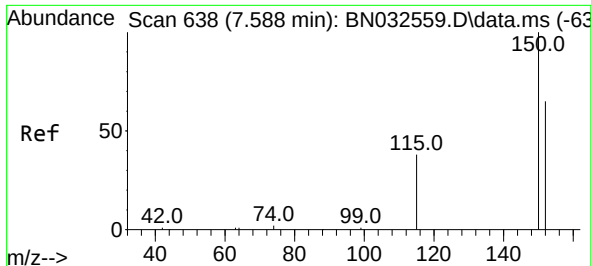
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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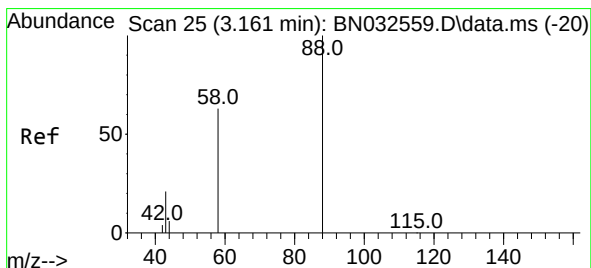
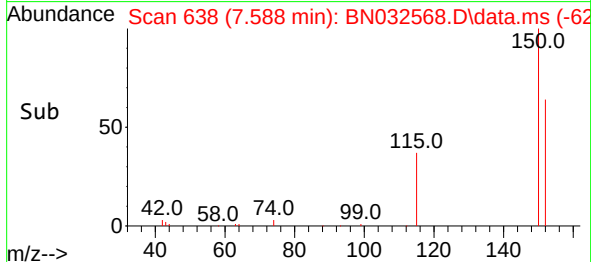
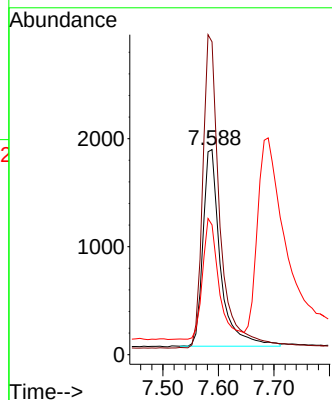
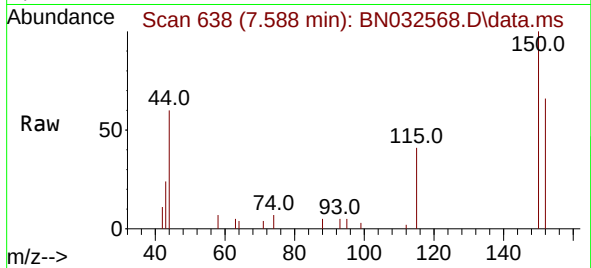




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.588 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN032568.D
 Acq: 09 Jul 2024 02:28

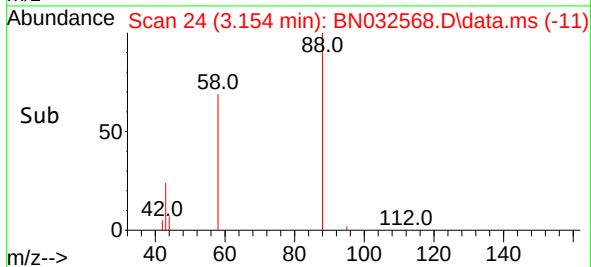
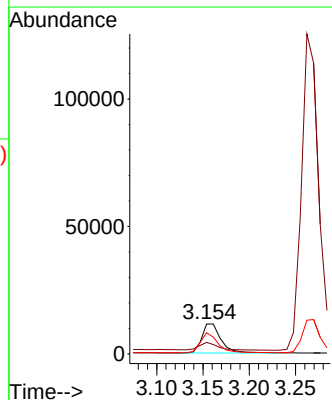
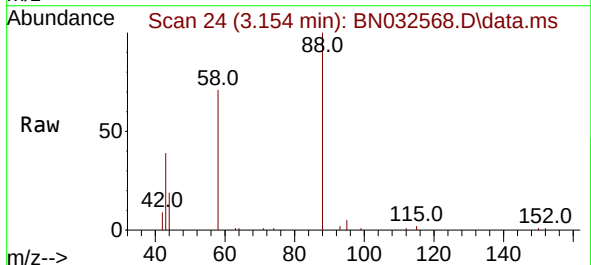
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-678-680

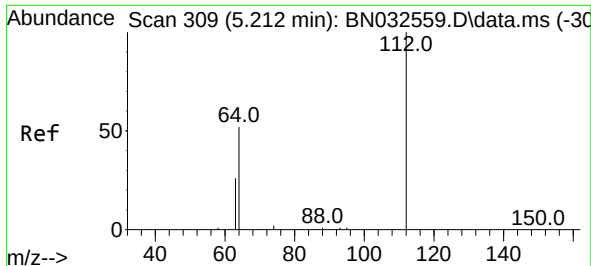
Tgt Ion:152 Resp: 3974
 Ion Ratio Lower Upper
 152 100
 150 152.6 121.6 182.4
 115 63.2 53.1 79.7



#2
 1,4-Dioxane
 Concen: 3.113 ng
 RT: 3.154 min Scan# 24
 Delta R.T. -0.007 min
 Lab File: BN032568.D
 Acq: 09 Jul 2024 02:28

Tgt Ion: 88 Resp: 16289
 Ion Ratio Lower Upper
 88 100
 43 26.9 20.4 30.6
 58 62.2 51.0 76.6

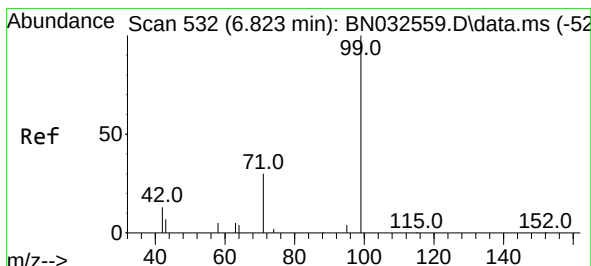
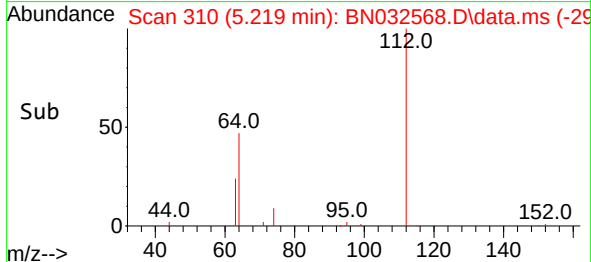
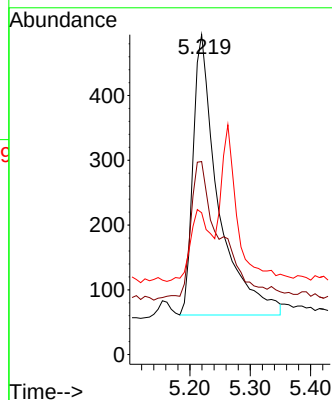
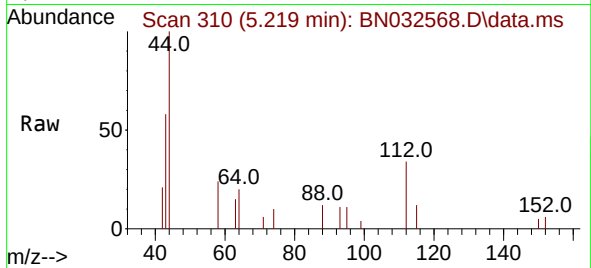




#4
2-Fluorophenol
Concen: 0.125 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

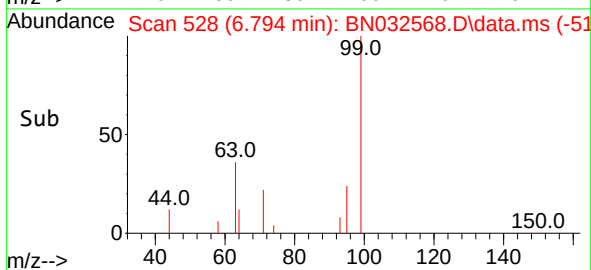
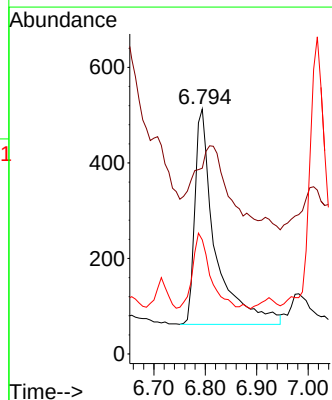
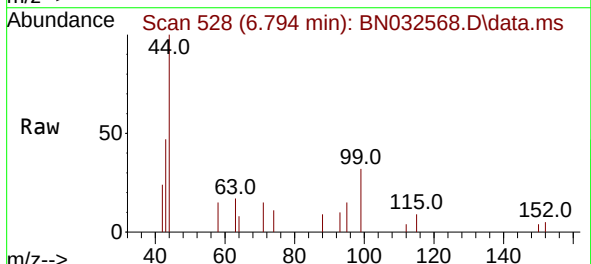
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-678-680

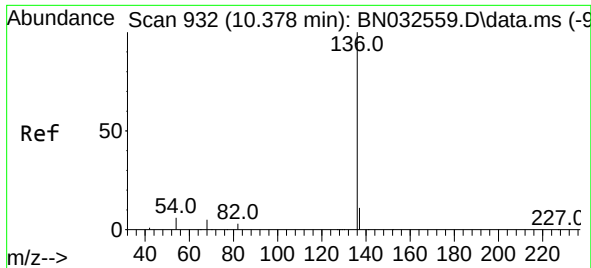
Tgt Ion:112 Resp: 1255
Ion Ratio Lower Upper
112 100
64 61.4 41.2 61.8
63 20.5 21.6 32.4#



#5
Phenol-d6
Concen: 0.097 ng
RT: 6.794 min Scan# 528
Delta R.T. -0.029 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

Tgt Ion: 99 Resp: 1242
Ion Ratio Lower Upper
99 100
42 0.0 10.6 16.0#
71 29.8 25.2 37.8

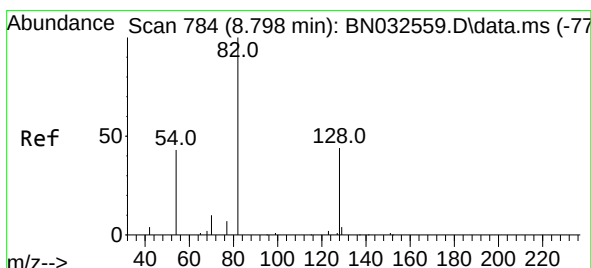
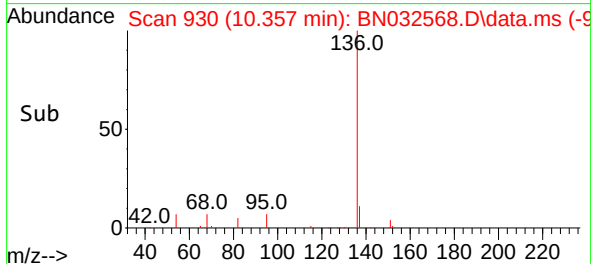
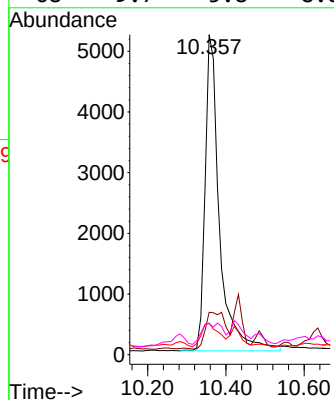
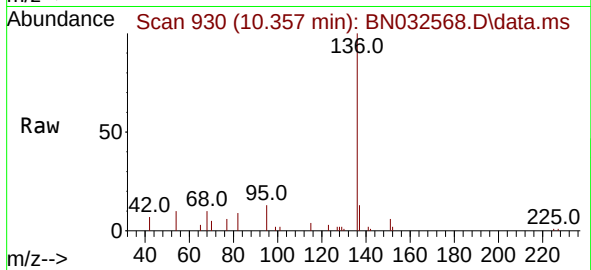




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.357 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

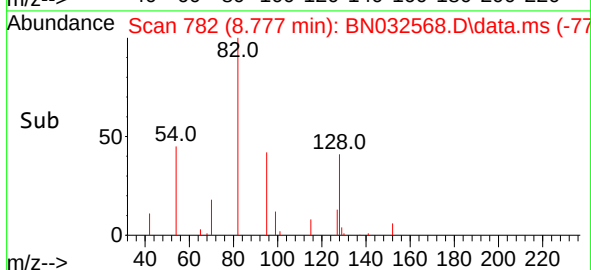
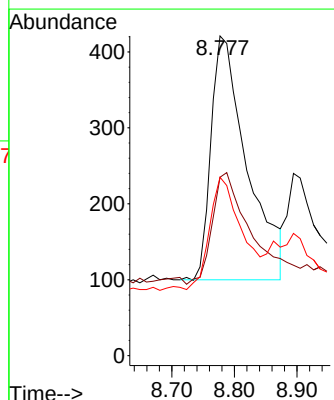
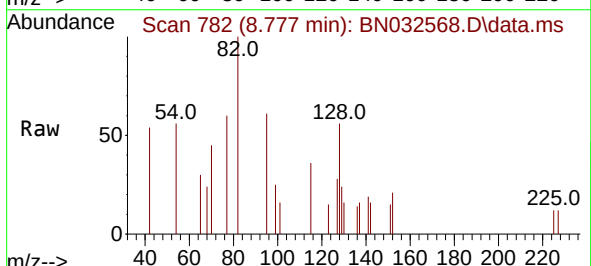
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-678-680

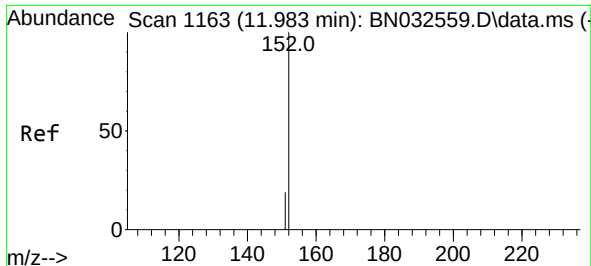
Tgt Ion:136	Resp:	13290
Ion	Ratio	Lower Upper
136	100	
137	13.2	10.0 15.0
54	9.8	6.6 9.8#
68	9.7	5.8 8.8#



#8
Nitrobenzene-d5
Concen: 0.129 ng
RT: 8.777 min Scan# 782
Delta R.T. -0.021 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

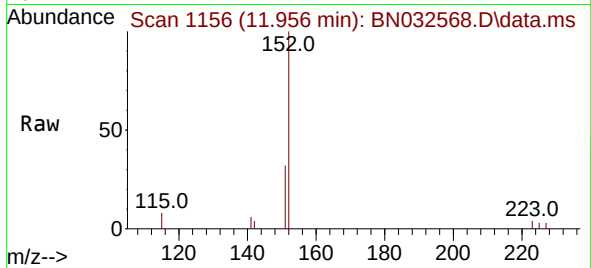
Tgt Ion: 82	Resp:	1281
Ion	Ratio	Lower Upper
82	100	
128	55.8	43.4 65.2
54	55.8	40.2 60.2



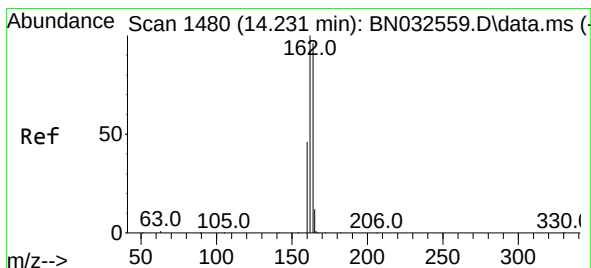
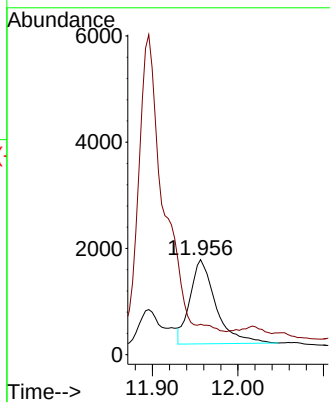
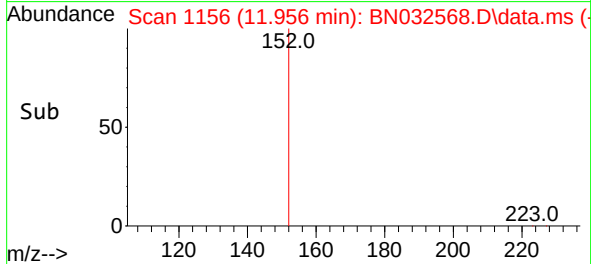


#11
2-Methylnaphthalene-d10
Concen: 0.157 ng
RT: 11.956 min Scan# 1163
Delta R.T. -0.026 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-678-680

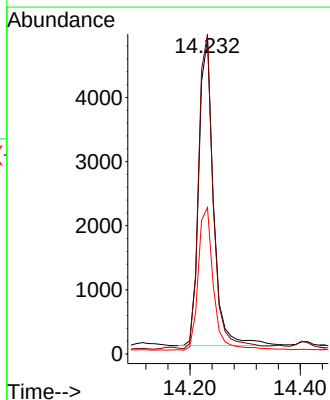
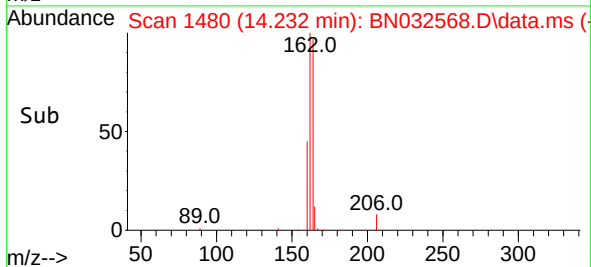
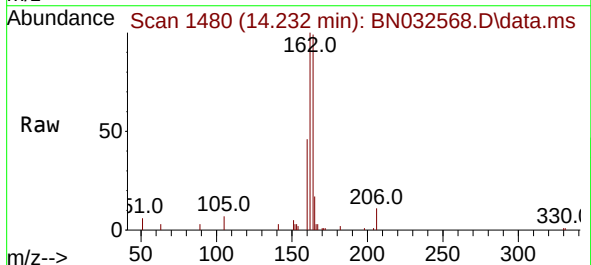


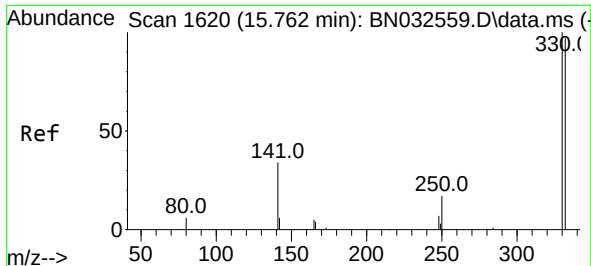
Tgt Ion:152 Resp: 3306
Ion Ratio Lower Upper
152 100
151 0.0 16.4 24.6#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.232 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

Tgt Ion:164 Resp: 8900
Ion Ratio Lower Upper
164 100
162 101.4 83.2 124.8
160 46.4 38.6 57.8

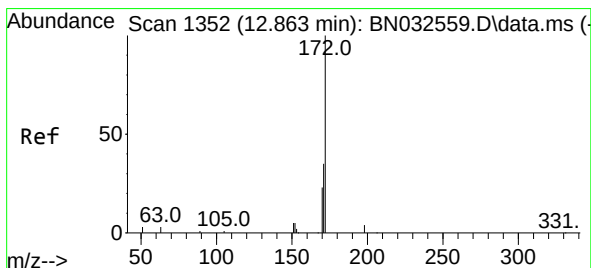
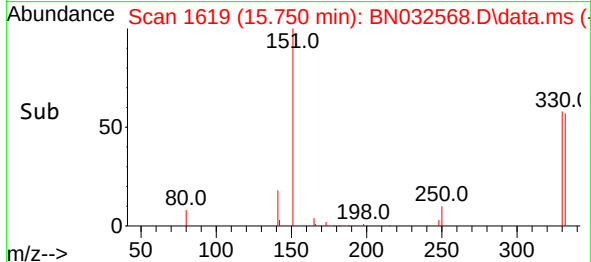
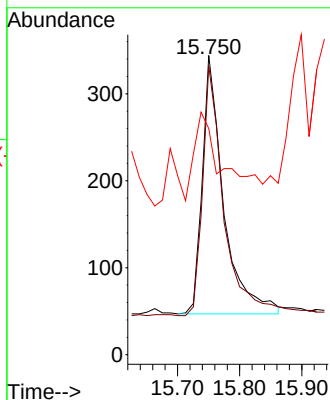
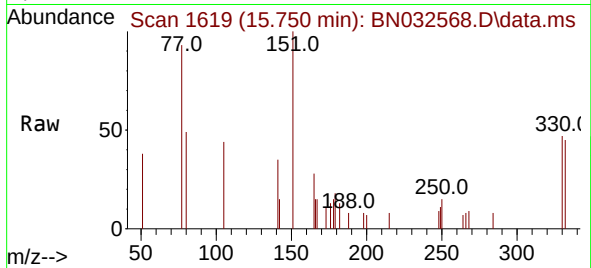




#14
2,4,6-Tribromophenol
Concen: 0.176 ng
RT: 15.750 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

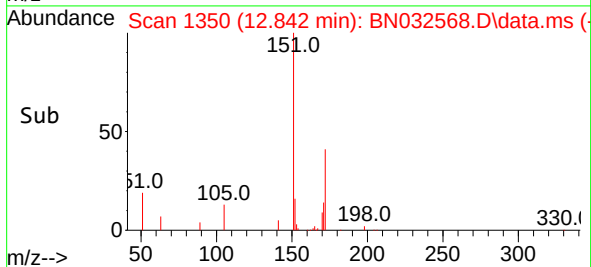
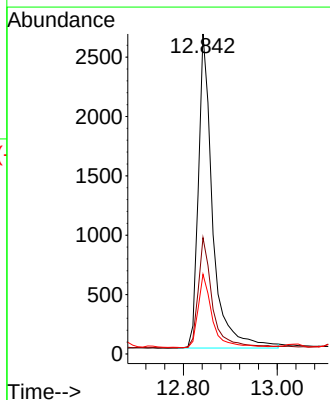
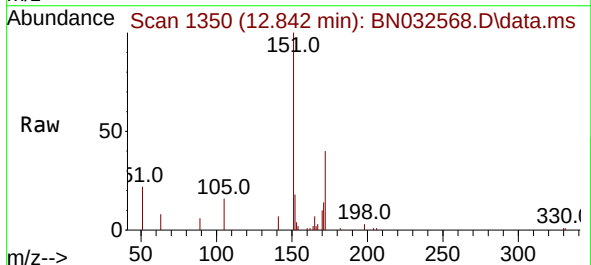
Instrument :
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ClientSampleId :
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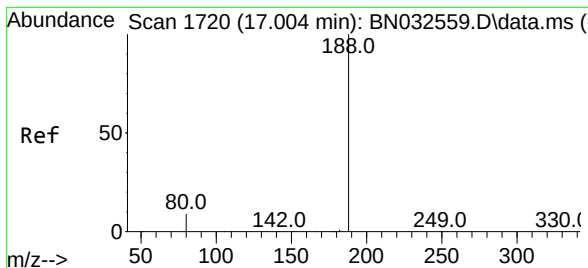
Tgt Ion:330 Resp: 708
Ion Ratio Lower Upper
330 100
332 95.9 77.7 116.5
141 47.2 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 0.171 ng
RT: 12.842 min Scan# 1350
Delta R.T. -0.021 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

Tgt Ion:172 Resp: 5599
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 24.9 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.991 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN032568.D

Acq: 09 Jul 2024 02:28

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-678-680

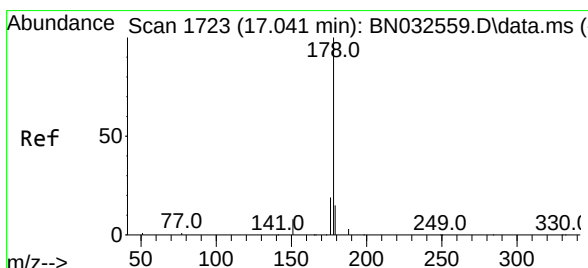
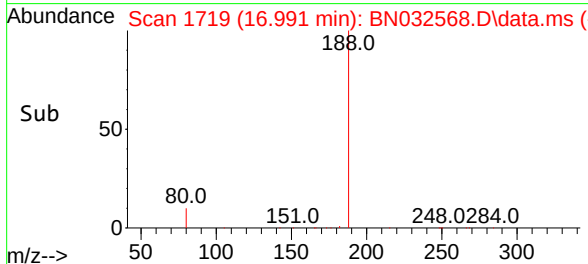
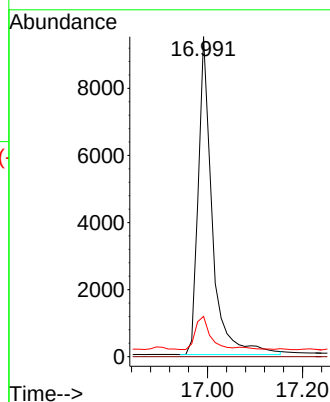
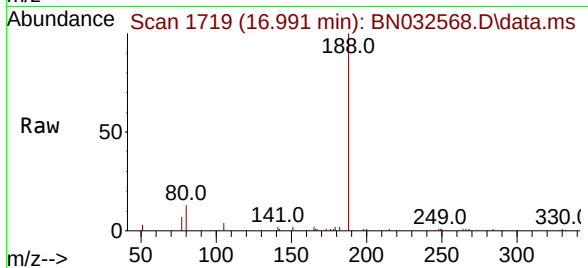
Tgt Ion:188 Resp: 19310

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.6 7.8 11.6#



#25

Phenanthrene

Concen: 0.020 ng

RT: 17.029 min Scan# 1722

Delta R.T. -0.012 min

Lab File: BN032568.D

Acq: 09 Jul 2024 02:28

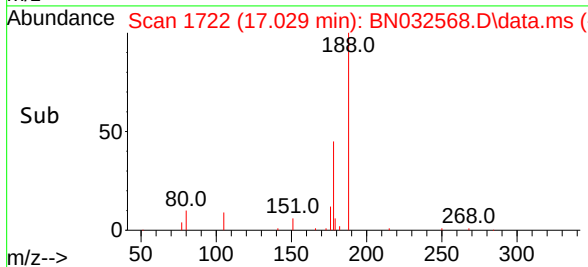
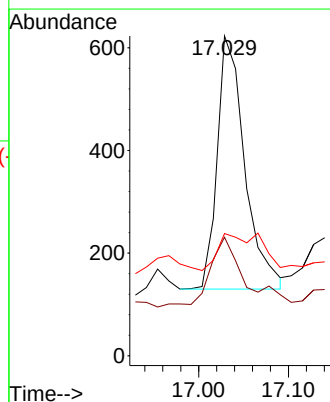
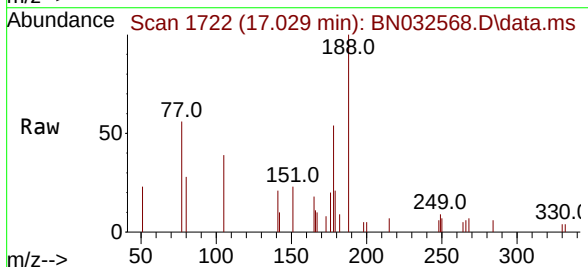
Tgt Ion:178 Resp: 1050

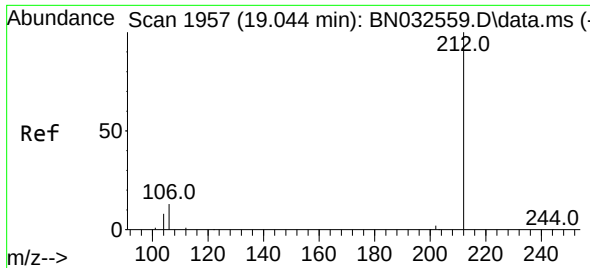
Ion Ratio Lower Upper

178 100

176 35.7 15.2 22.8#

179 0.0 12.2 18.4#

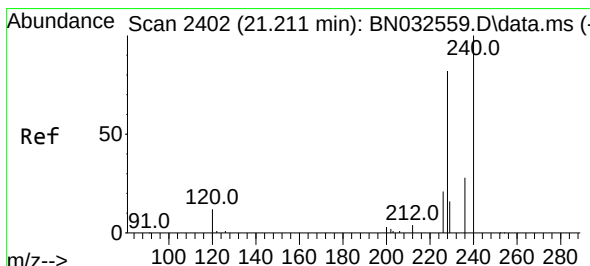
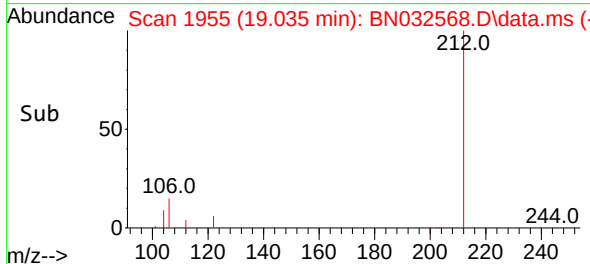
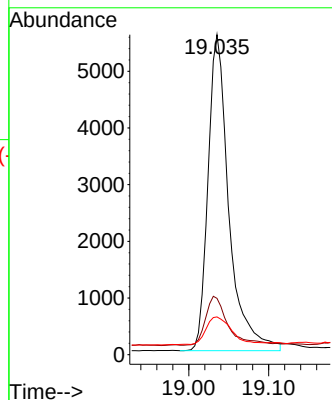
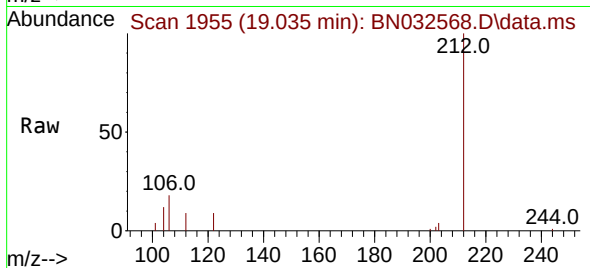




#27
Fluoranthene-d10
Concen: 0.201 ng
RT: 19.035 min Scan# 1955
Delta R.T. -0.009 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

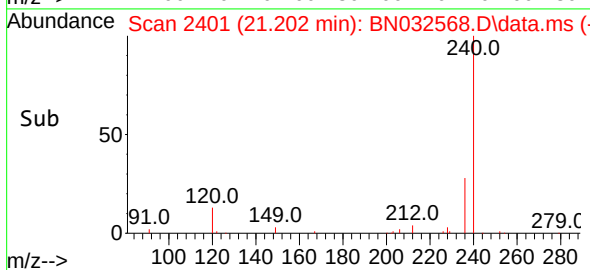
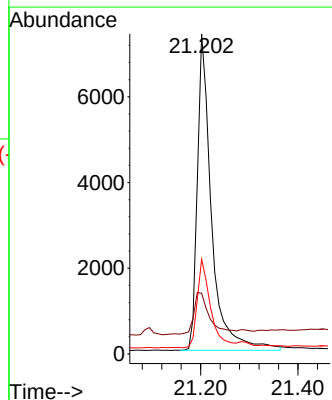
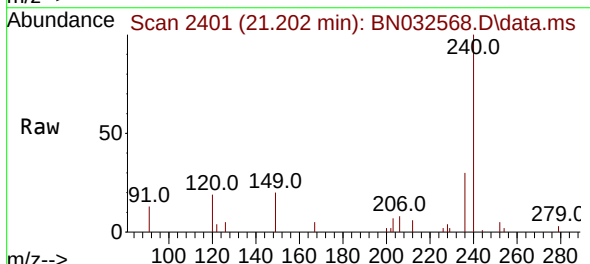
Instrument :
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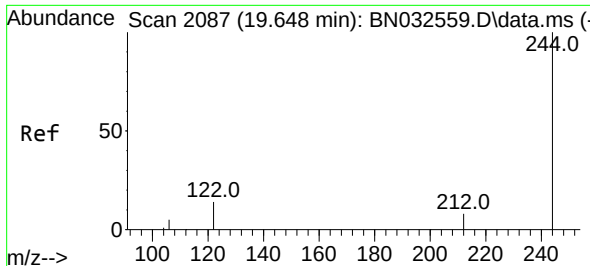
Tgt Ion:212 Resp: 10138
Ion Ratio Lower Upper
212 100
106 16.7 11.8 17.8
104 11.3 6.9 10.3#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.202 min Scan# 2401
Delta R.T. -0.009 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

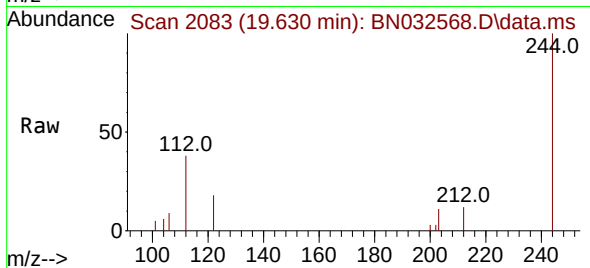
Tgt Ion:240 Resp: 14920
Ion Ratio Lower Upper
240 100
120 19.0 13.0 19.4
236 29.6 23.1 34.7



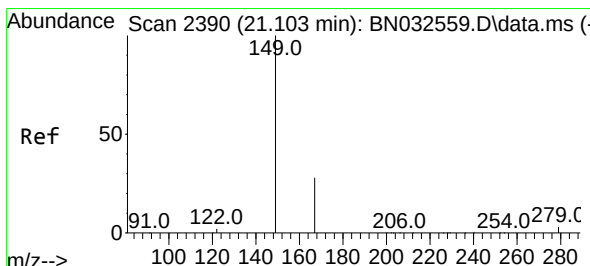
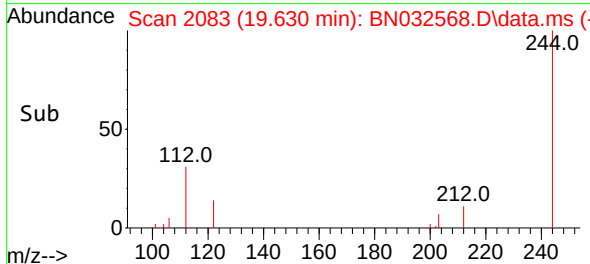
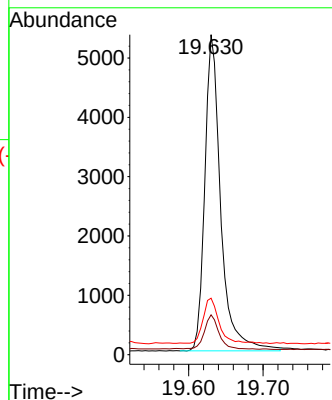


#31
Terphenyl-d14
Concen: 0.218 ng
RT: 19.630 min Scan# 2087
Delta R.T. -0.018 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-678-680

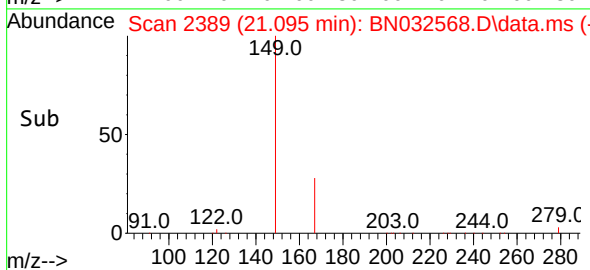
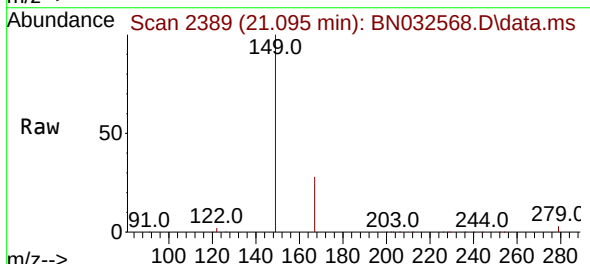
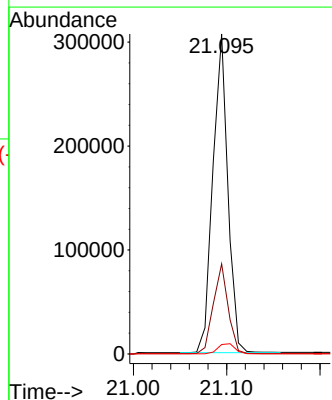


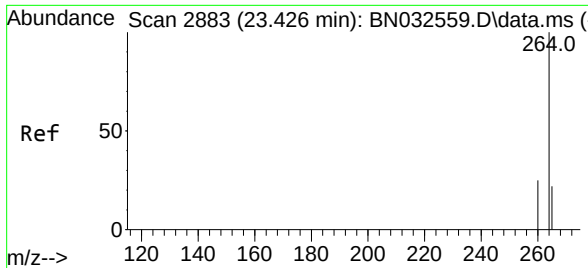
Tgt Ion:244 Resp: 7951
Ion Ratio Lower Upper
244 100
212 12.4 7.2 10.8#
122 17.6 12.1 18.1



#34
Bis(2-ethylhexyl)phthalate
Concen: 10.181 ng
RT: 21.095 min Scan# 2389
Delta R.T. -0.009 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

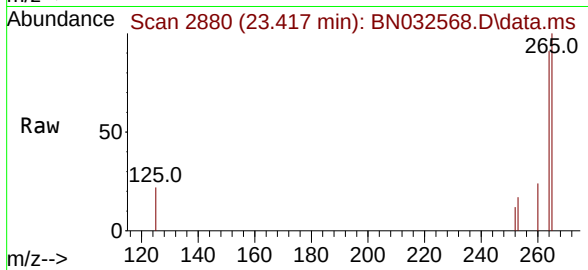
Tgt Ion:149 Resp: 341404
Ion Ratio Lower Upper
149 100
167 27.8 21.6 32.4
279 3.6 3.0 4.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.417 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN032568.D
 Acq: 09 Jul 2024 02:28

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-678-680



Tgt Ion:264 Resp: 14342
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.0 31.6
 265 109.4 76.6 115.0

