

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)

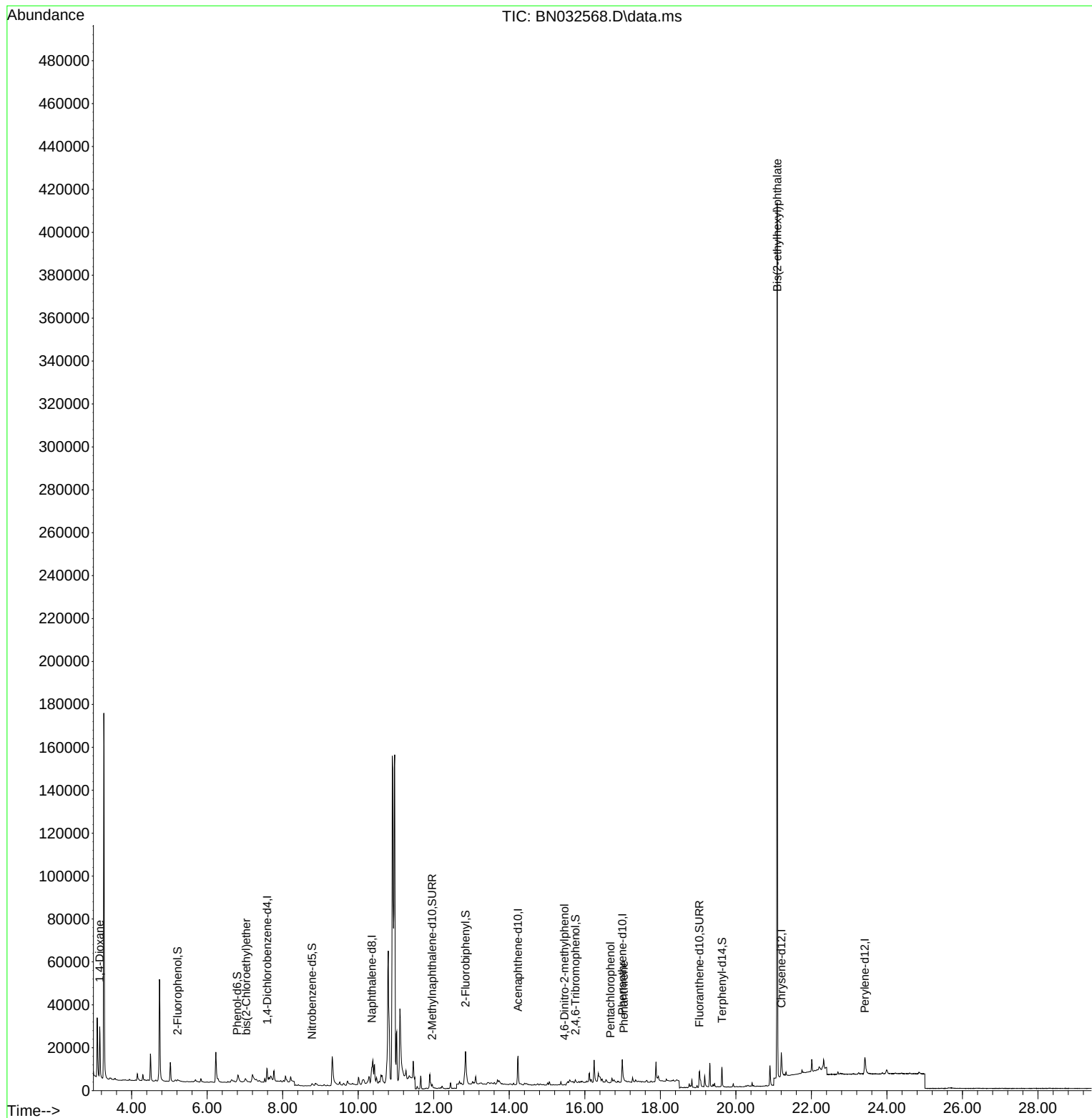
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	3974	0.400	ng	0.00
7) Naphthalene-d8	10.357	136	13290	0.400	ng	#-0.02
13) Acenaphthene-d10	14.232	164	8900	0.400	ng	0.00
19) Phenanthrene-d10	16.991	188	19310	0.400	ng	#-0.01
29) Chrysene-d12	21.202	240	14920	0.400	ng	0.00
35) Perylene-d12	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
6) bis(2-Chloroethyl)ether	7.032	93	107	0.096	ng	# 24
20) 4,6-Dinitro-2-methylph...	15.461	198	2	0.197	ng	# 1
24) Pentachlorophenol	16.681	266	42	0.175	ng	# 71
25) Phenanthrene	17.029	178	1050	0.020	ng	# 63
34) Bis(2-ethylhexyl)phtha...	21.095	149	341404	10.181	ng	99

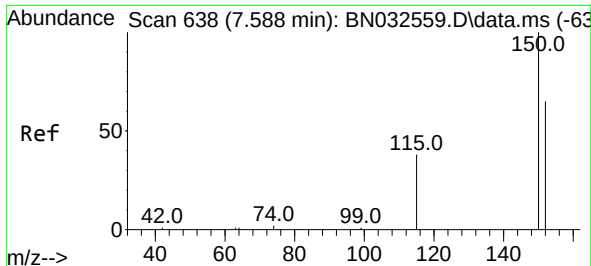
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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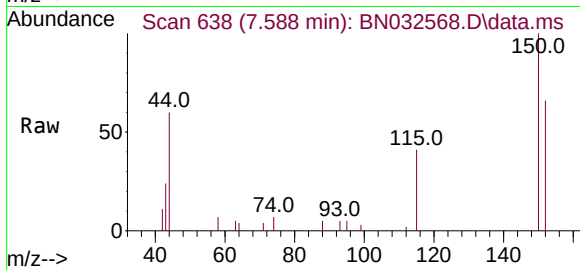
Quant Time: Jul 09 04:21:30 2024
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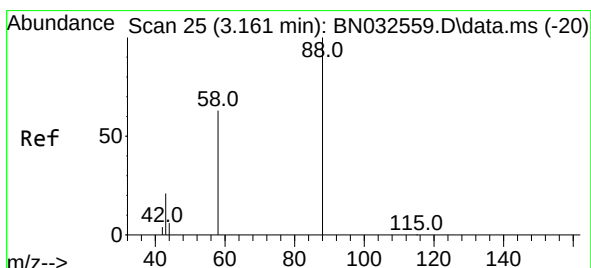
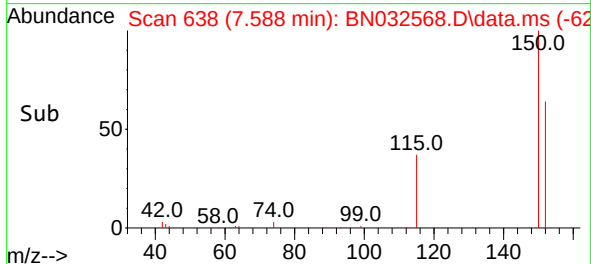
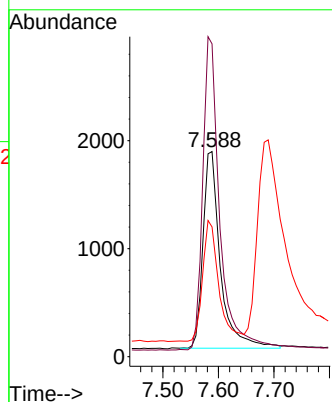
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.588 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN032568.D
 Acq: 09 Jul 2024 02:28

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



Tgt Ion:152 Resp: 3974

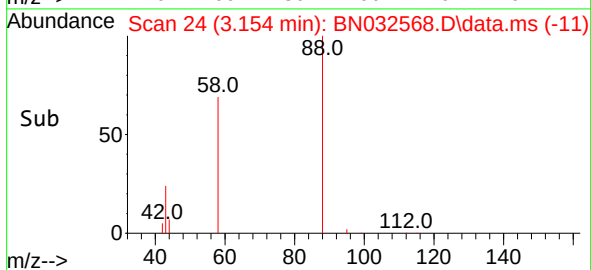
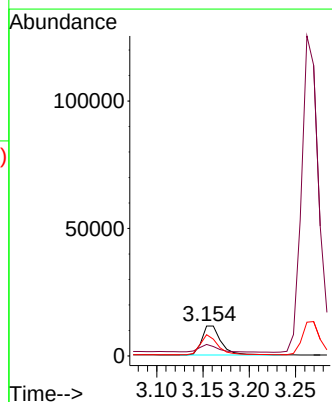
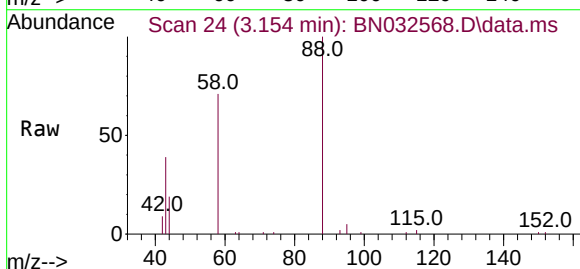
Ion	Ratio	Lower	Upper
152	100		
150	152.6	121.6	182.4
115	63.2	53.1	79.7

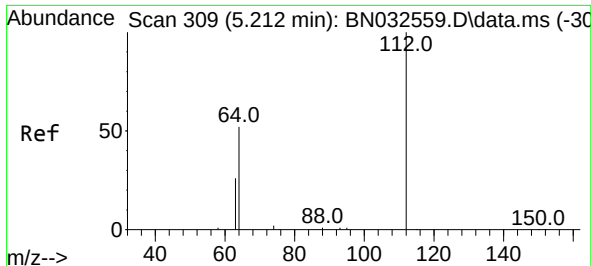


#2
 1,4-Dioxane
 Concen: 3.113 ng
 RT: 3.154 min Scan# 24
 Delta R.T. -0.007 min
 Lab File: BN032568.D
 Acq: 09 Jul 2024 02:28

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

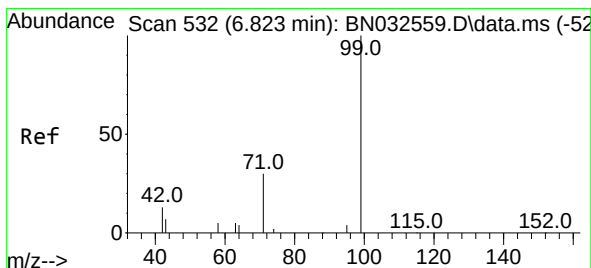
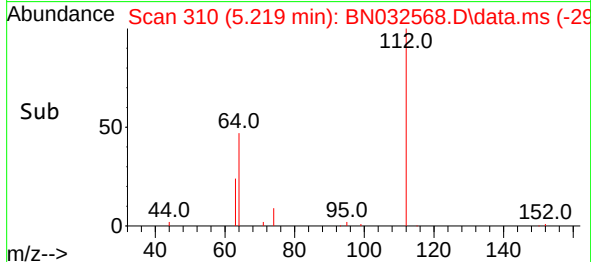
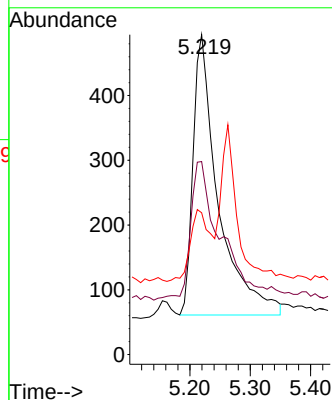
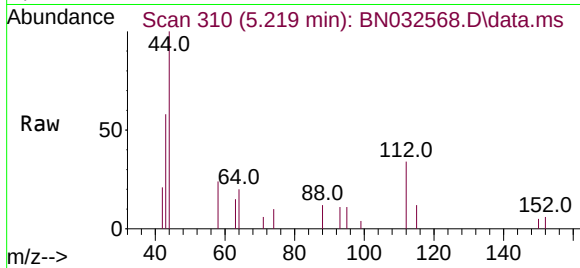




#4
2-Fluorophenol
Concen: 0.125 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

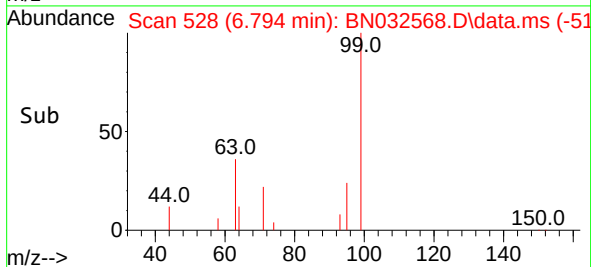
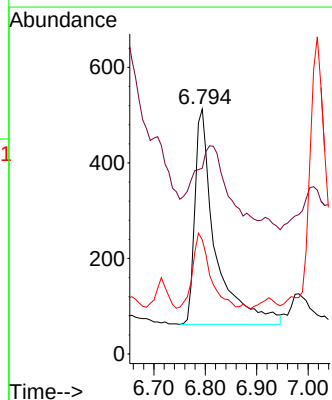
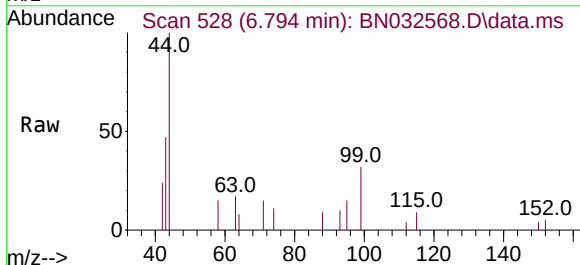
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-678-680

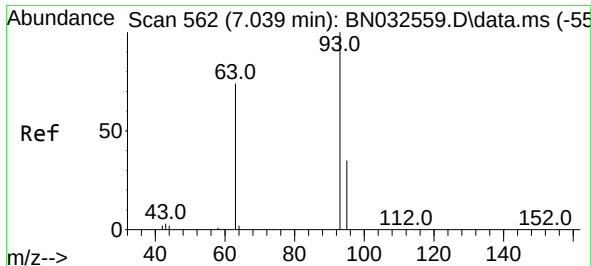
Tgt Ion:112 Resp: 1255
Ion Ratio Lower Upper
112 100
64 61.4 41.2 61.8
63 20.5 21.6 32.4#



#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

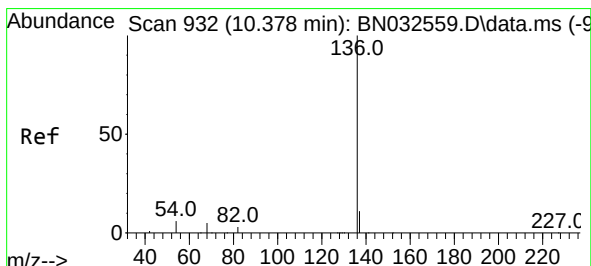
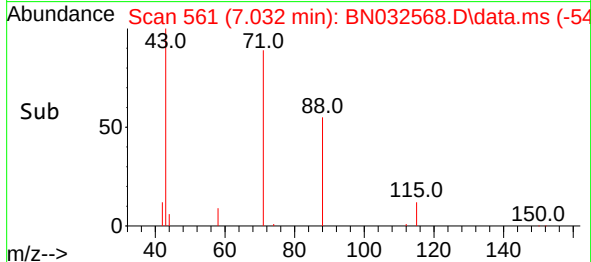
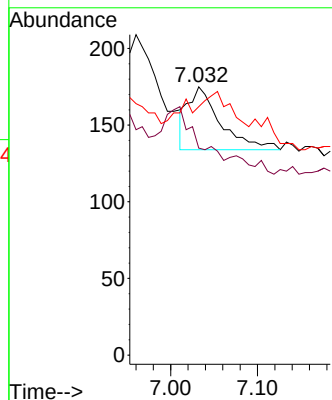
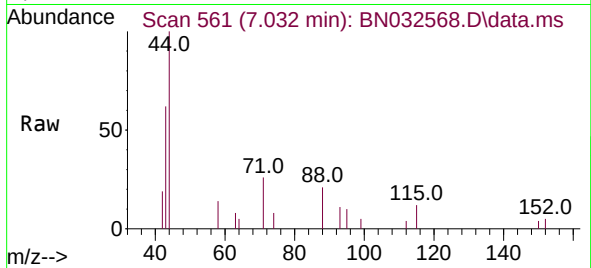




#6
bis(2-Chloroethyl)ether
Concen: 0.096 ng
RT: 7.032 min Scan# 50
Delta R.T. -0.007 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

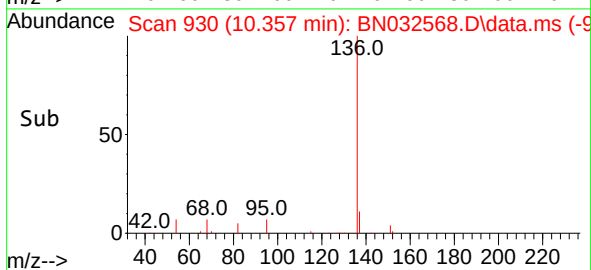
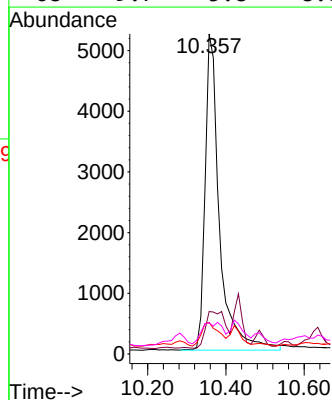
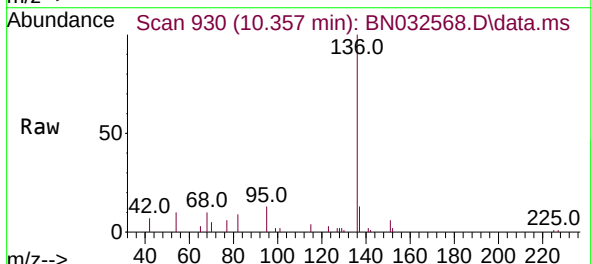
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-678-680

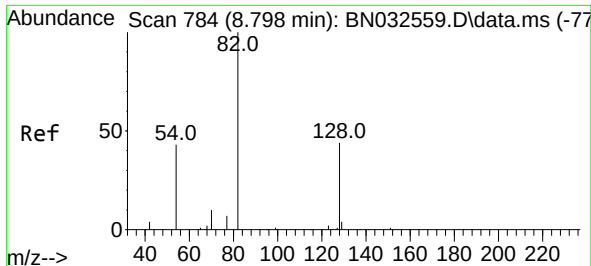
Tgt Ion: 93 Resp: 107
Ion Ratio Lower Upper
93 100
63 0.0 54.1 81.1#
95 0.0 30.5 45.7#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.357 min Scan# 930
Delta R.T. -0.021 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

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#

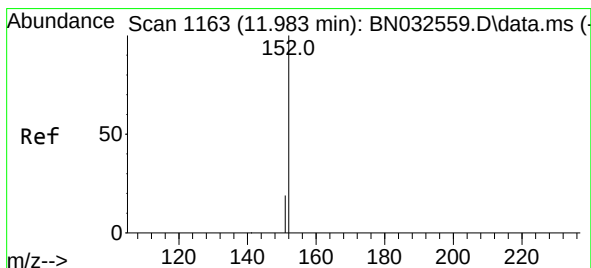
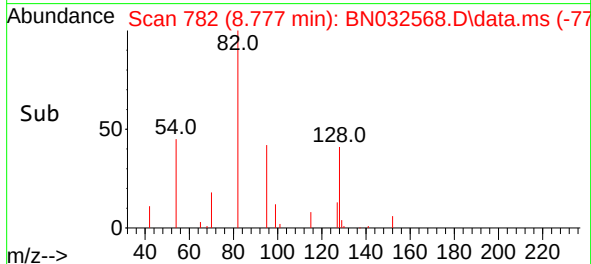
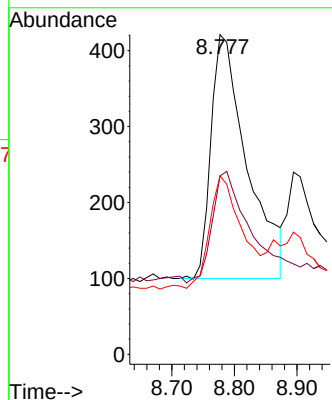
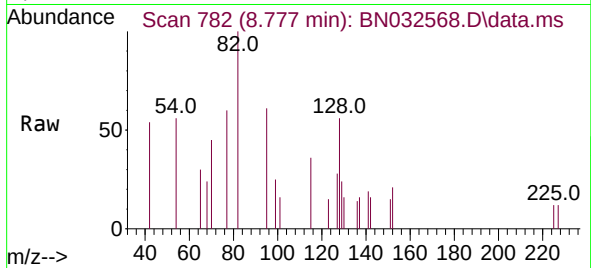




#8
Nitrobenzene-d5
Concen: 0.129 ng
RT: 8.777 min Scan# 71
Delta R.T. -0.021 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

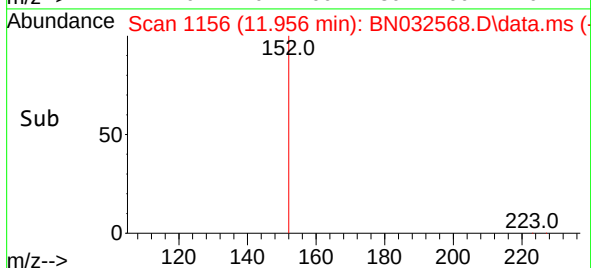
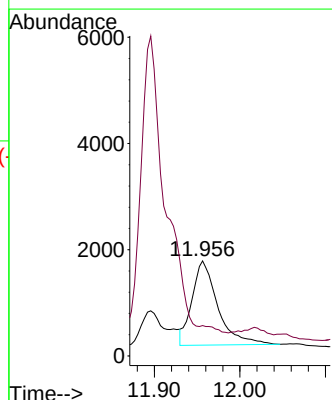
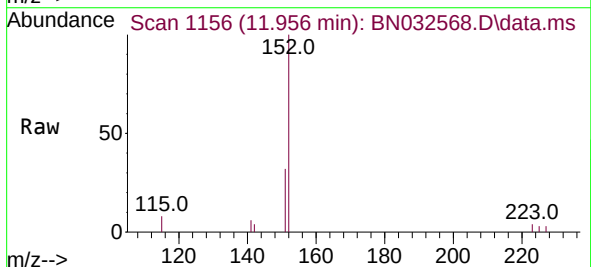
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-678-680

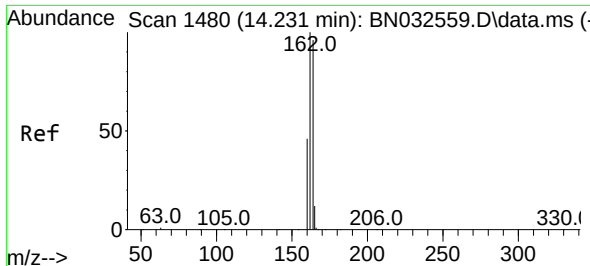
Tgt Ion: 82 Resp: 1281
Ion Ratio Lower Upper
82 100
128 55.8 43.4 65.2
54 55.8 40.2 60.2



#11
2-Methylnaphthalene-d10
Concen: 0.157 ng
RT: 11.956 min Scan# 1156
Delta R.T. -0.026 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

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

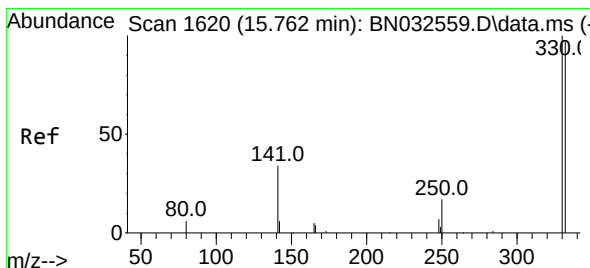
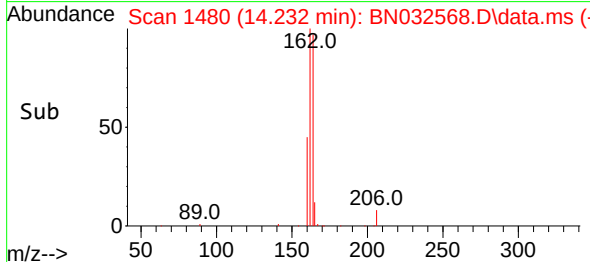
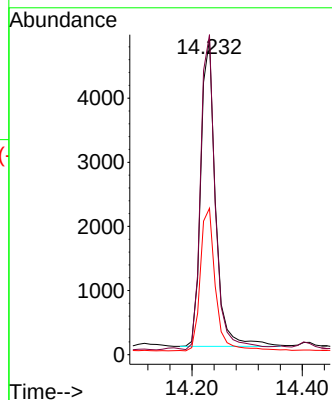
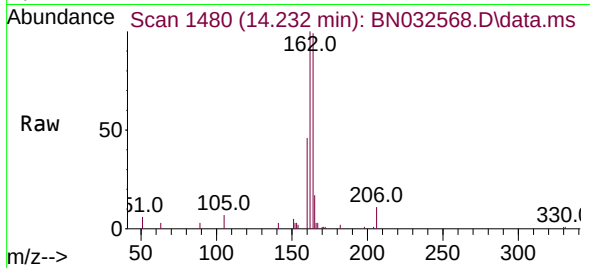




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.232 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

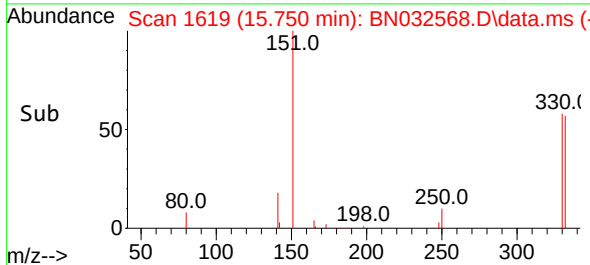
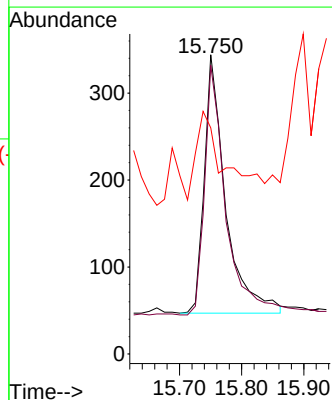
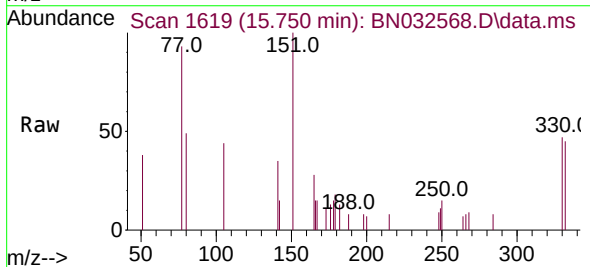
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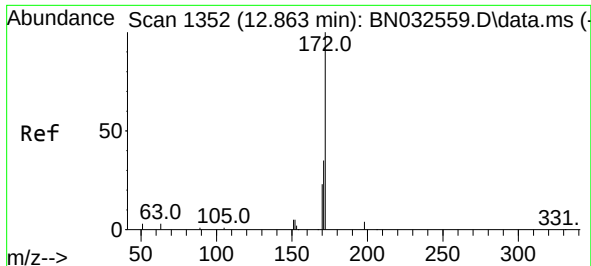
Tgt Ion:164 Resp: 8900
Ion Ratio Lower Upper
164 100
162 101.4 83.2 124.8
160 46.4 38.6 57.8



#14
2,4,6-Tribromophenol
Concen: 0.176 ng
RT: 15.750 min Scan# 1619
Delta R.T. -0.012 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

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

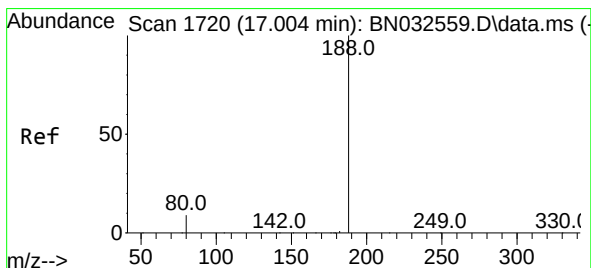
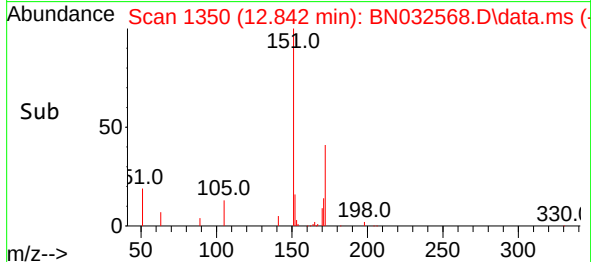
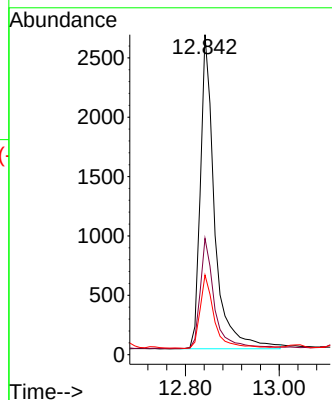
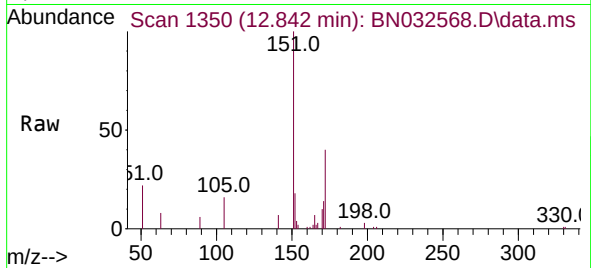




#15
2-Fluorobiphenyl
Concen: 0.171 ng
RT: 12.842 min Scan# 11
Delta R.T. -0.021 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

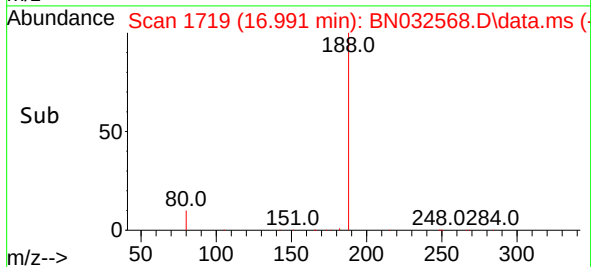
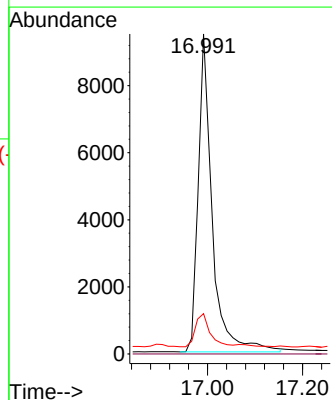
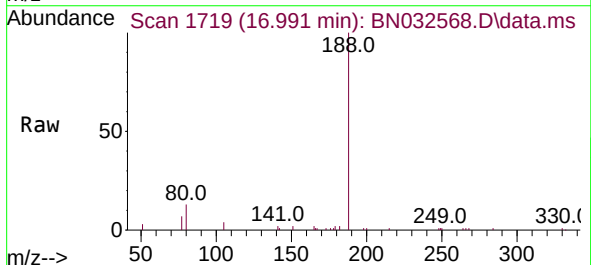
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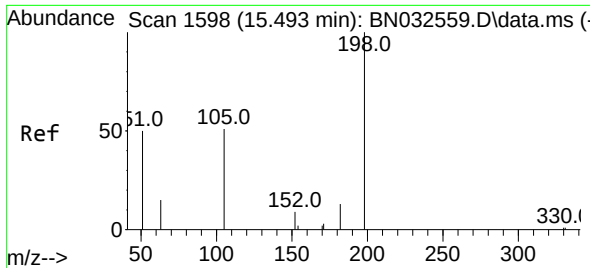
Tgt Ion:172 Resp: 5599
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 24.9 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.991 min Scan# 1719
Delta R.T. -0.012 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

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#

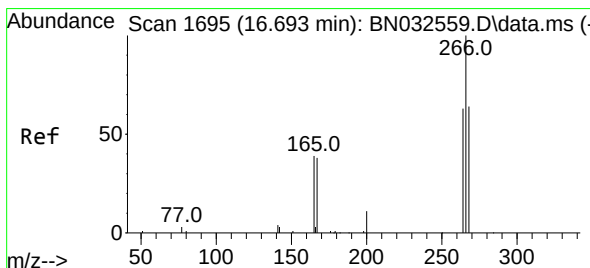
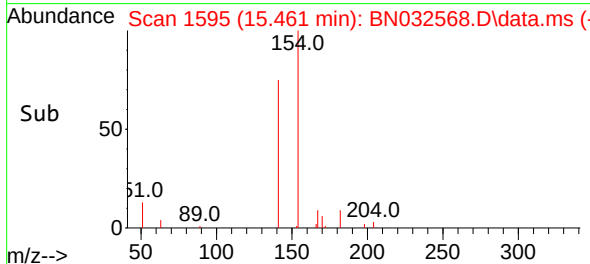
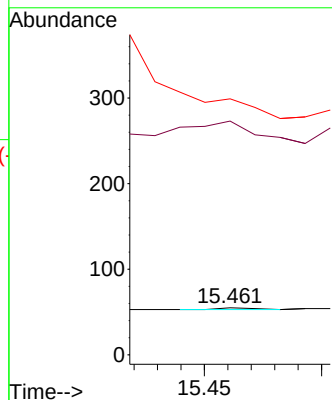
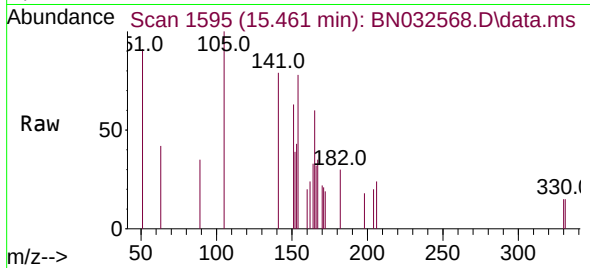




#20
4,6-Dinitro-2-methylphenol
Concen: 0.197 ng
RT: 15.461 min Scan# 1595
Delta R.T. -0.032 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

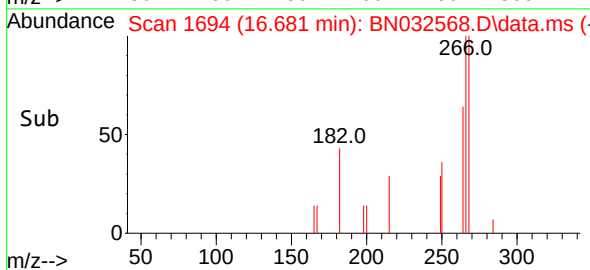
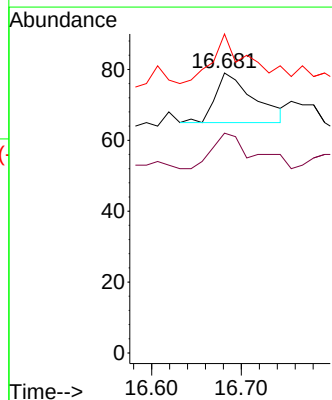
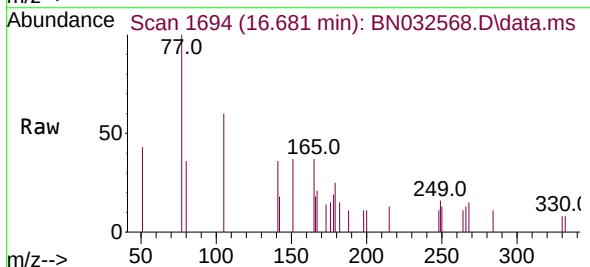
Instrument :
BNA_N
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BP-VPB-189-GW-678-680

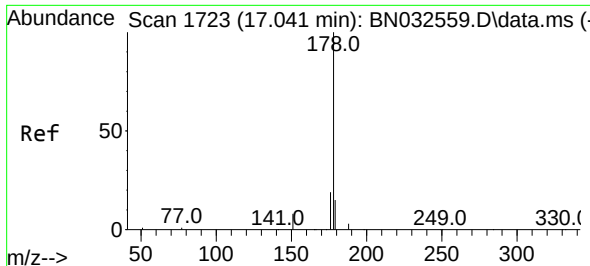
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 496.4 123.4 185.2#
105 543.6 79.5 119.3#



#24
Pentachlorophenol
Concen: 0.175 ng
RT: 16.681 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

Tgt Ion:266 Resp: 42
Ion Ratio Lower Upper
266 100
264 73.8 49.6 74.4
268 97.6 52.2 78.2#

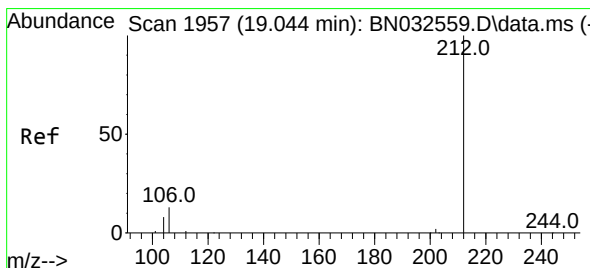
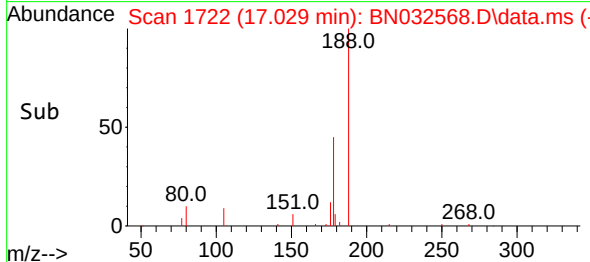
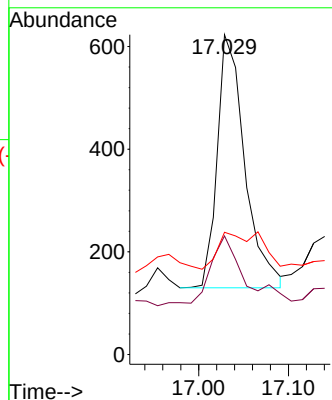
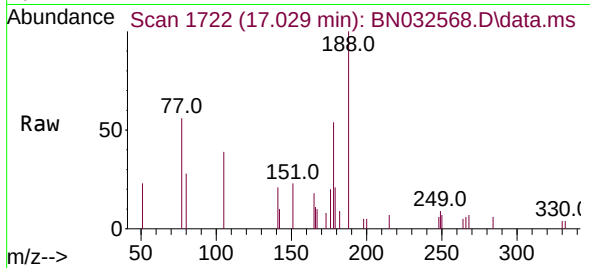




#25
Phenanthrene
Concen: 0.020 ng
RT: 17.029 min Scan# 1722
Delta R.T. -0.012 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

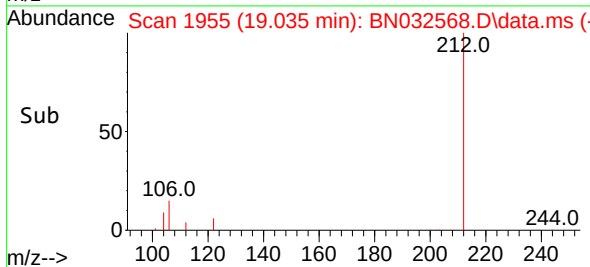
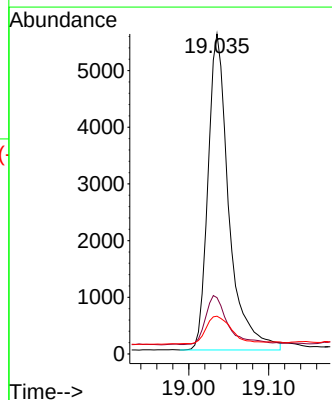
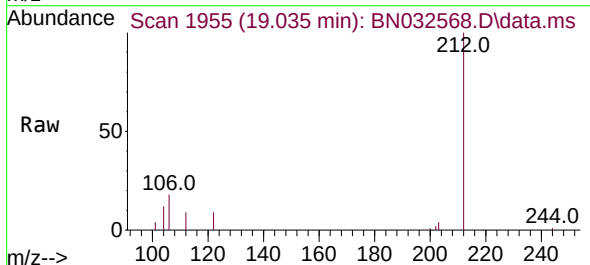
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-678-680

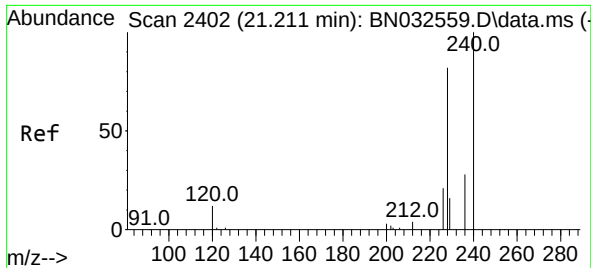
Tgt Ion:178 Resp: 1050
Ion Ratio Lower Upper
178 100
176 35.7 15.2 22.8#
179 0.0 12.2 18.4#



#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

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#

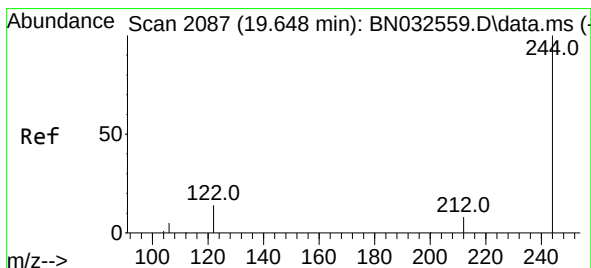
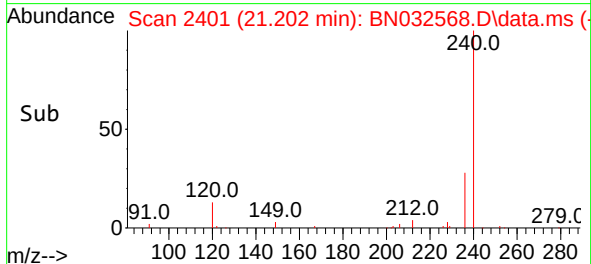
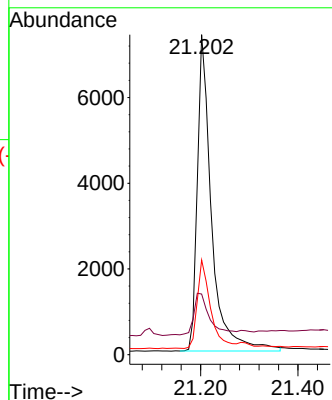
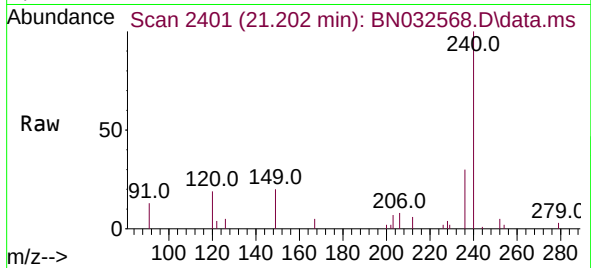




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.202 min Scan# 2401
Delta R.T. -0.009 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

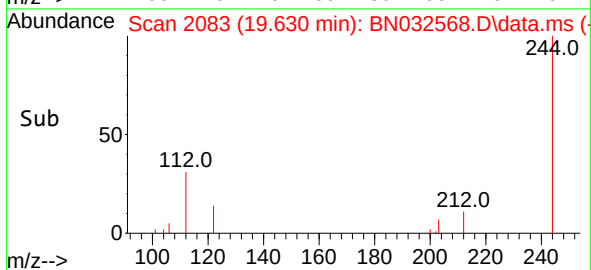
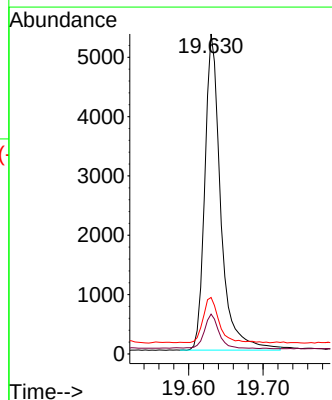
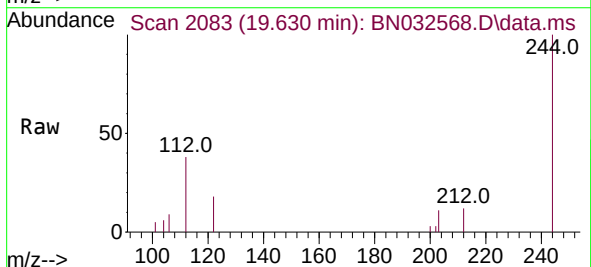
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-678-680

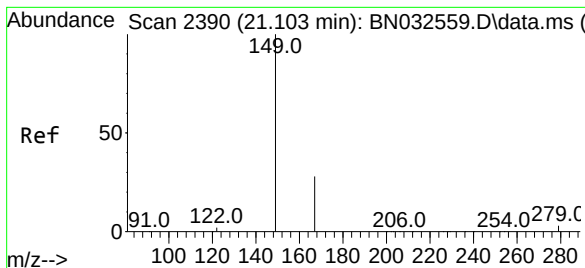
Tgt Ion:240 Resp: 14920
Ion Ratio Lower Upper
240 100
120 19.0 13.0 19.4
236 29.6 23.1 34.7



#31
Terphenyl-d14
Concen: 0.218 ng
RT: 19.630 min Scan# 2083
Delta R.T. -0.018 min
Lab File: BN032568.D
Acq: 09 Jul 2024 02:28

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# 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

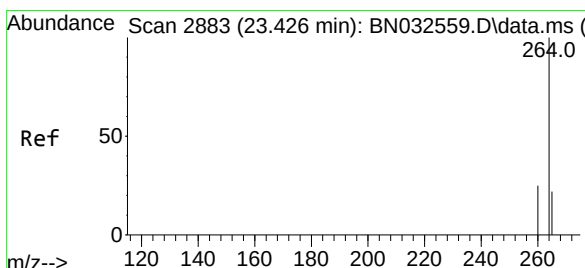
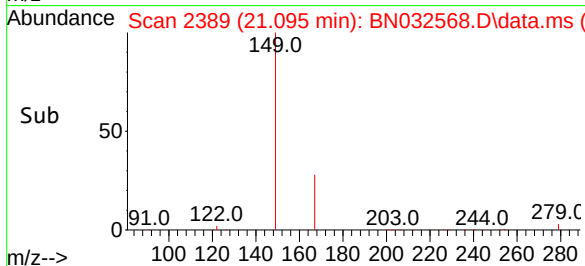
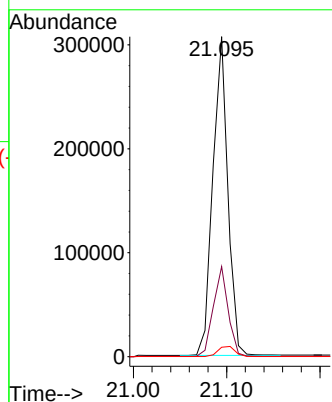
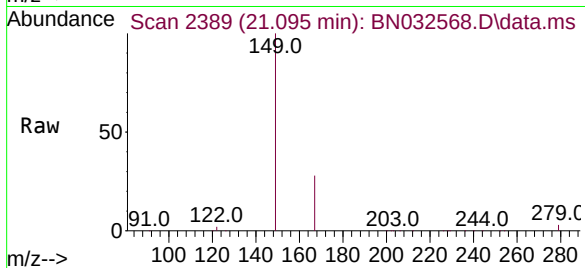
Tgt Ion:149 Resp: 341404

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# 2880

Delta R.T. -0.009 min

Lab File: BN032568.D

Acq: 09 Jul 2024 02:28

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

