

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032590.D
 Acq On : 09 Jul 2024 16:27
 Operator : MA/JU
 Sample : P3173-02
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB189-HYD-20240703

Quant Time: Jul 09 17:05:12 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)

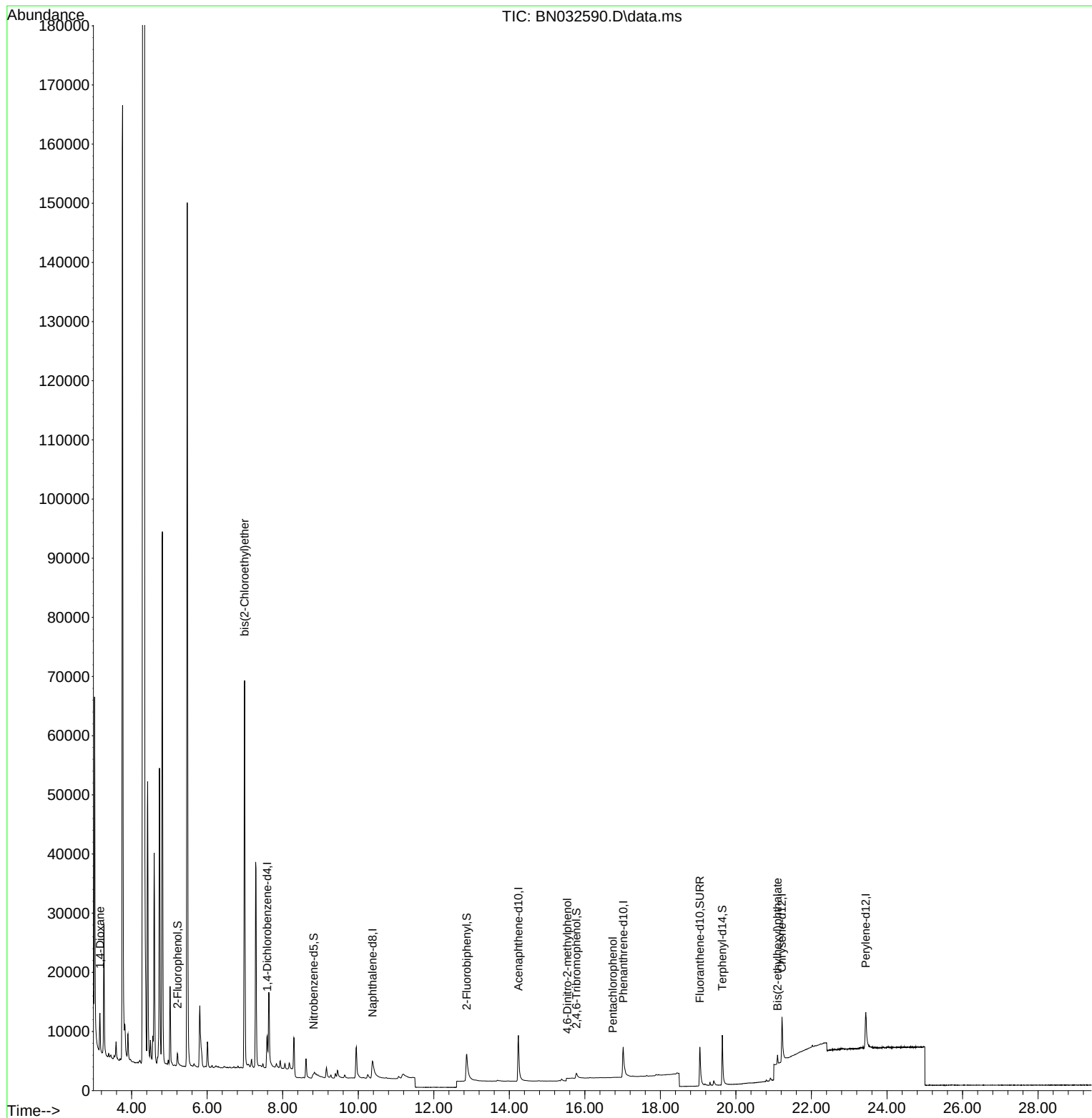
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	3740	0.400	ng	0.00
7) Naphthalene-d8	10.378	136	11014	0.400	ng	# 0.00
13) Acenaphthene-d10	14.242	164	7286	0.400	ng	0.01
19) Phenanthrene-d10	17.016	188	13936	0.400	ng	# 0.01
29) Chrysene-d12	21.220	240	11615	0.400	ng	# 0.00
35) Perylene-d12	23.440	264	12250	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.212	112	1046	0.111	ng	0.00
5) Phenol-d6	6.801	99	2	0.000	ng	-0.02
8) Nitrobenzene-d5	8.820	82	2642	0.321	ng	0.02
11) 2-Methylnaphthalene-d10	11.998	152	97	0.006	ng	0.02
14) 2,4,6-Tribromophenol	15.775	330	977	0.296	ng	0.01
15) 2-Fluorobiphenyl	12.874	172	10092	0.376	ng	0.01
27) Fluoranthene-d10	19.045	212	11610	0.320	ng	0.00
31) Terphenyl-d14	19.639	244	12328	0.435	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.161	88	4570	0.928	ng	# 91
6) bis(2-Chloroethyl)ether	6.989	93	51143	4.926	ng	# 47
20) 4,6-Dinitro-2-methylph...	15.539	198	6	0.200	ng	# 1
24) Pentachlorophenol	16.743	266	22	0.173	ng	# 50
34) Bis(2-ethylhexyl)phtha...	21.104	149	1737	0.067	ng	99

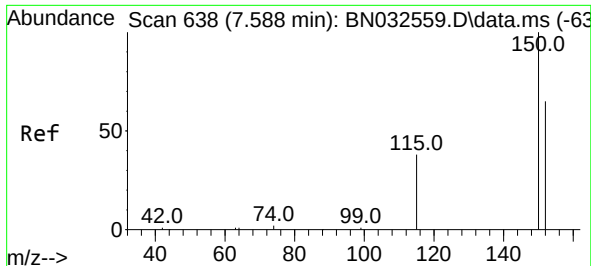
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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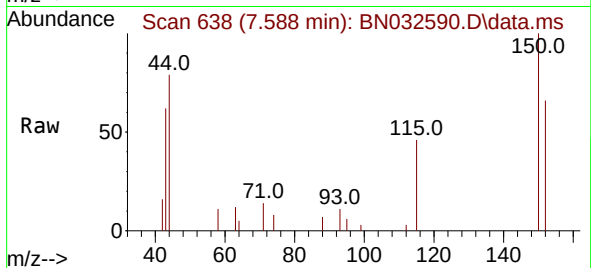
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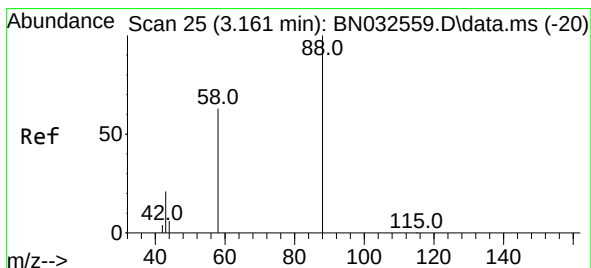
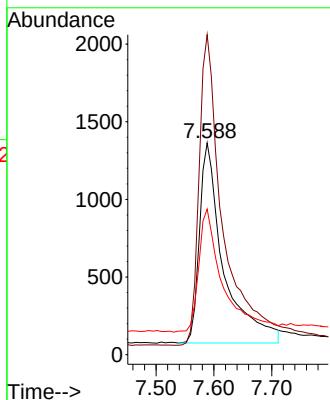
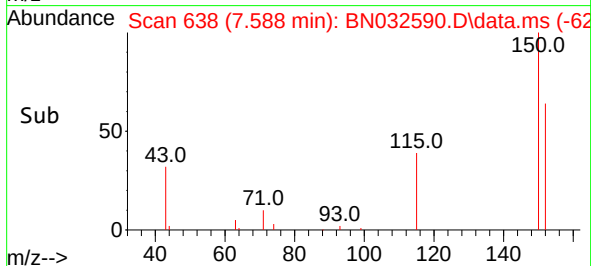
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.588 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN032590.D
 Acq: 09 Jul 2024 16:27

Instrument :
 BNA_N
 ClientSampleId :
 VPB189-HYD-20240703

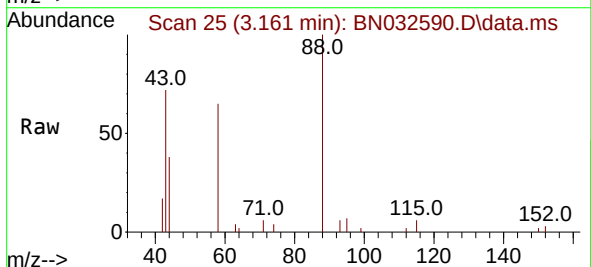


Tgt Ion:152 Resp: 3740

Ion	Ratio	Lower	Upper
152	100		
150	151.1	121.6	182.4
115	68.8	53.1	79.7

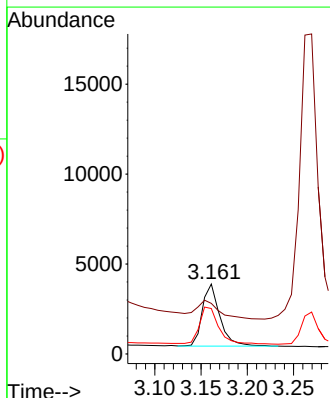
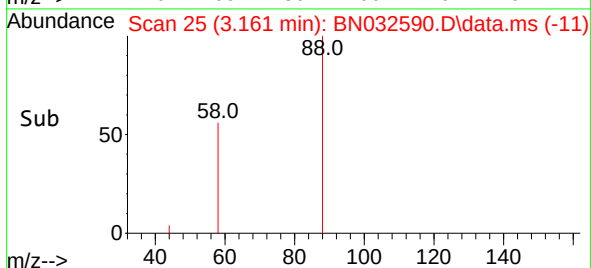


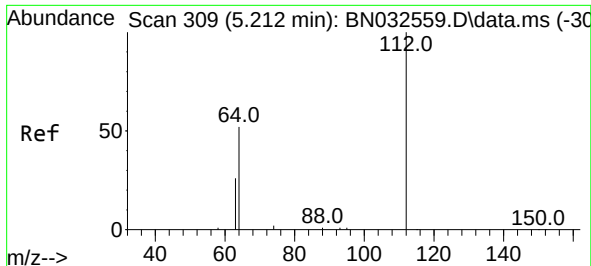
#2
 1,4-Dioxane
 Concen: 0.928 ng
 RT: 3.161 min Scan# 25
 Delta R.T. 0.000 min
 Lab File: BN032590.D
 Acq: 09 Jul 2024 16:27



Tgt Ion: 88 Resp: 4570

Ion	Ratio	Lower	Upper
88	100		
43	38.7	20.4	30.6
58	65.5	51.0	76.6

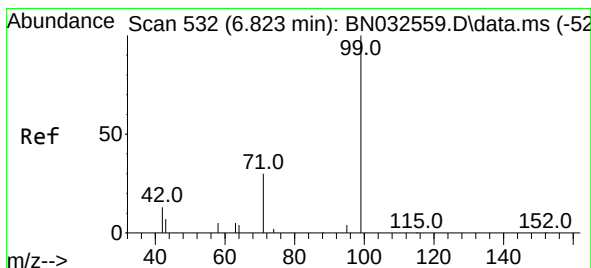
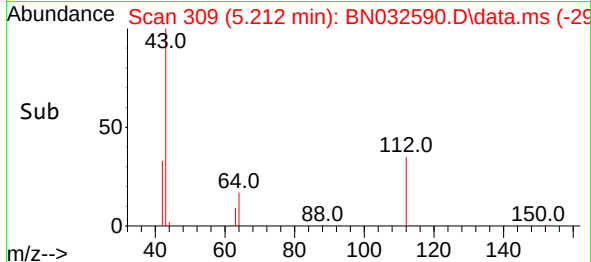
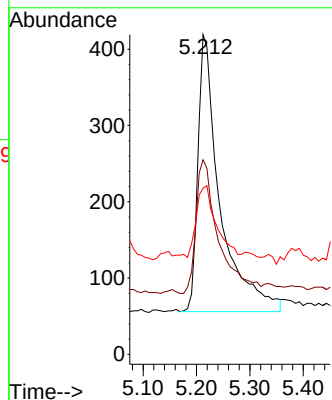
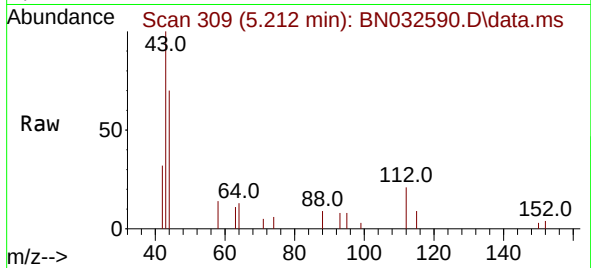




#4
2-Fluorophenol
Concen: 0.111 ng
RT: 5.212 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN032590.D
Acq: 09 Jul 2024 16:27

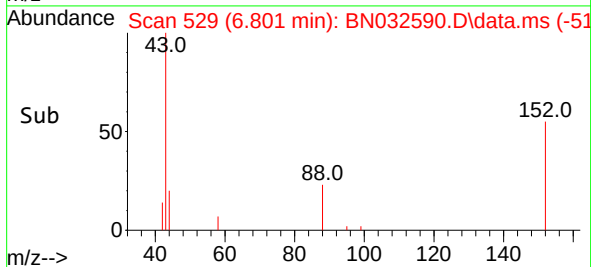
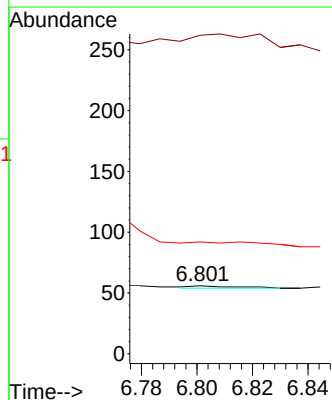
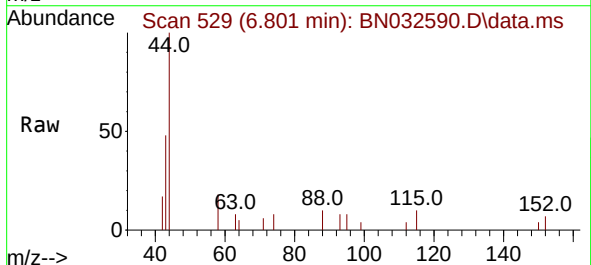
Instrument :
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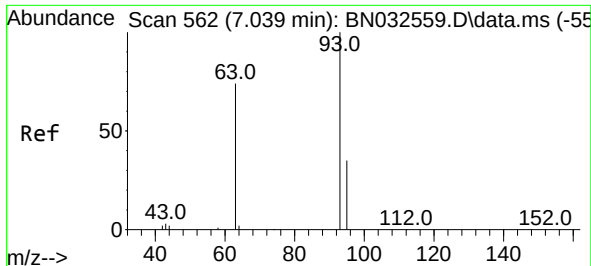
Tgt Ion:112 Resp: 1046
Ion Ratio Lower Upper
112 100
64 48.8 41.2 61.8
63 22.3 21.6 32.4



#5
Phenol-d6
Concen: 0.000 ng
RT: 6.801 min Scan# 529
Delta R.T. -0.022 min
Lab File: BN032590.D
Acq: 09 Jul 2024 16:27

Tgt Ion: 99 Resp: 2
Ion Ratio Lower Upper
99 100
42 0.0 10.6 16.0#
71 0.0 25.2 37.8#

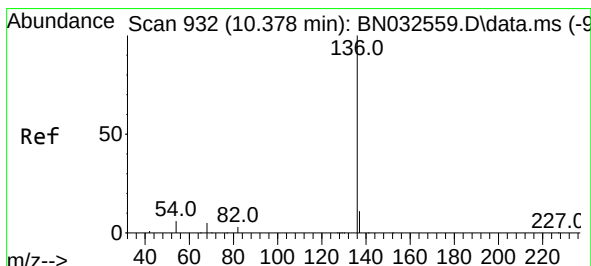
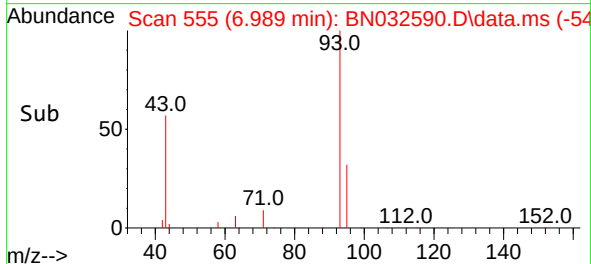
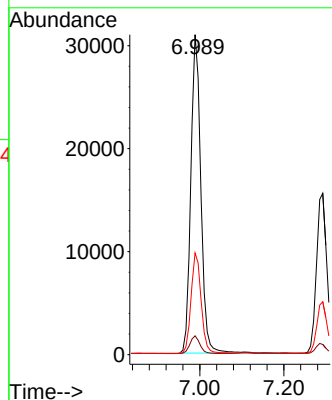
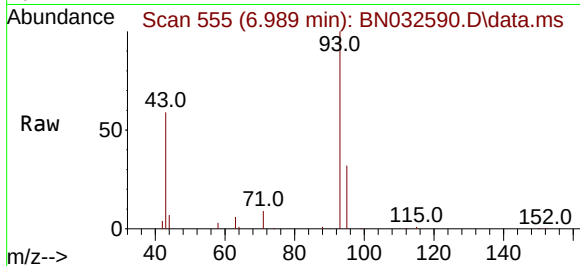




#6
bis(2-Chloroethyl)ether
Concen: 4.926 ng
RT: 6.989 min Scan# 511
Delta R.T. -0.050 min
Lab File: BN032590.D
Acq: 09 Jul 2024 16:27

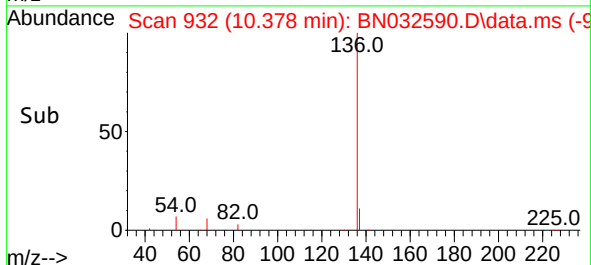
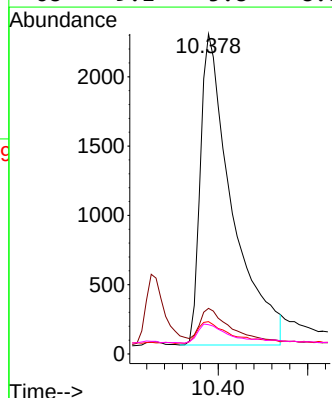
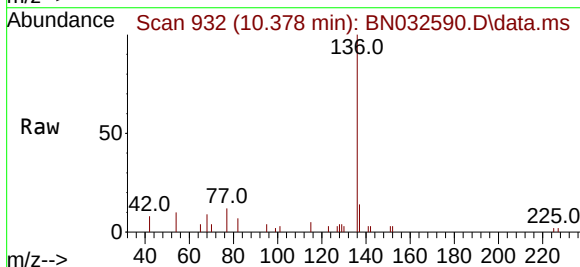
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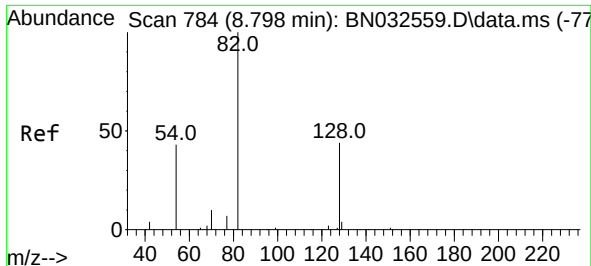
Tgt Ion: 93 Resp: 51143
Ion Ratio Lower Upper
93 100
63 5.4 54.1 81.1#
95 31.6 30.5 45.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.378 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN032590.D
Acq: 09 Jul 2024 16:27

Tgt Ion:136 Resp: 11014
Ion Ratio Lower Upper
136 100
137 14.2 10.0 15.0
54 10.1 6.6 9.8#
68 9.1 5.8 8.8#

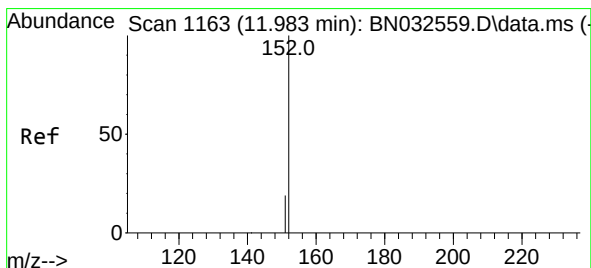
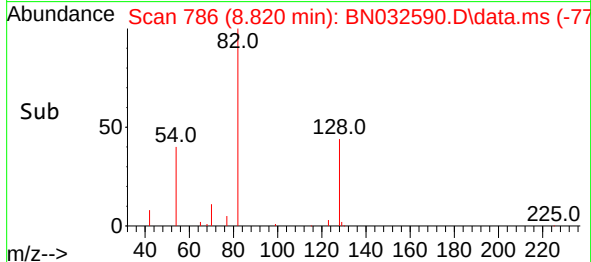
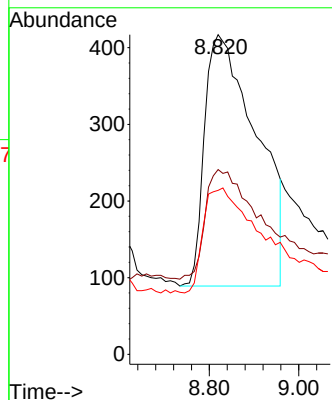
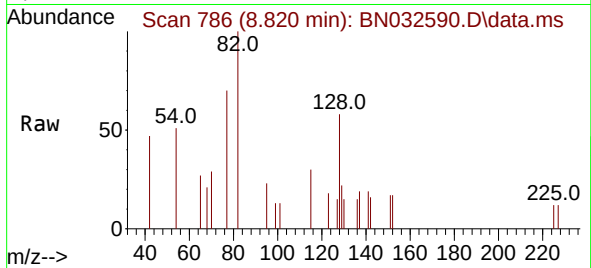




#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 8.820 min Scan# 71
Delta R.T. 0.021 min
Lab File: BN032590.D
Acq: 09 Jul 2024 16:27

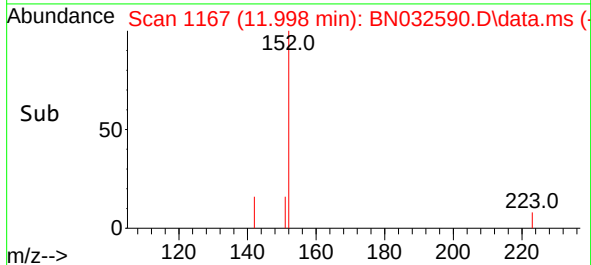
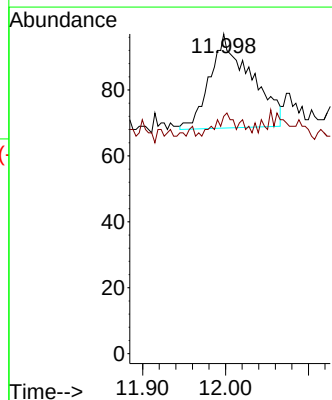
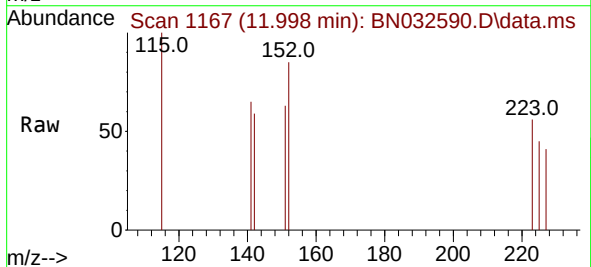
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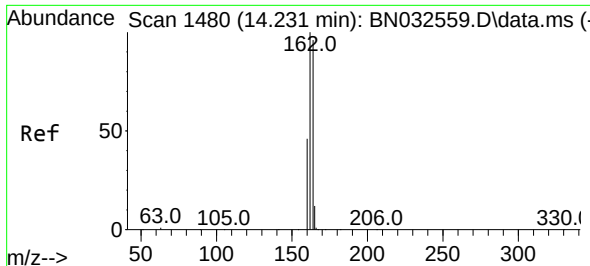
Tgt Ion: 82 Resp: 2642
Ion Ratio Lower Upper
82 100
128 57.8 43.4 65.2
54 51.3 40.2 60.2



#11
2-Methylnaphthalene-d10
Concen: 0.006 ng
RT: 11.998 min Scan# 1167
Delta R.T. 0.015 min
Lab File: BN032590.D
Acq: 09 Jul 2024 16:27

Tgt Ion: 152 Resp: 97
Ion Ratio Lower Upper
152 100
151 10.3 16.4 24.6#

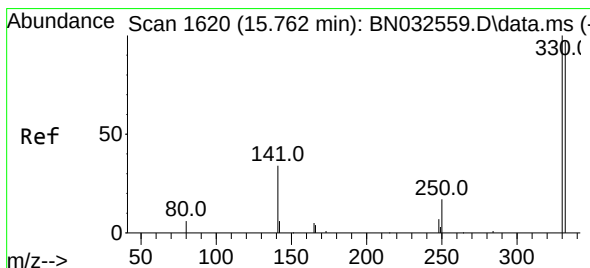
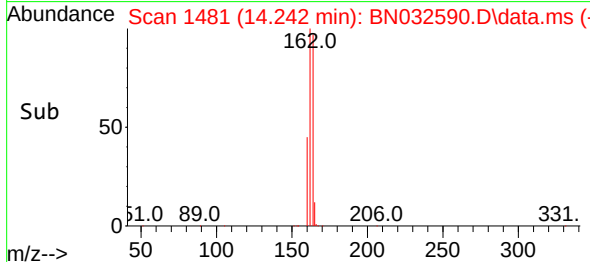
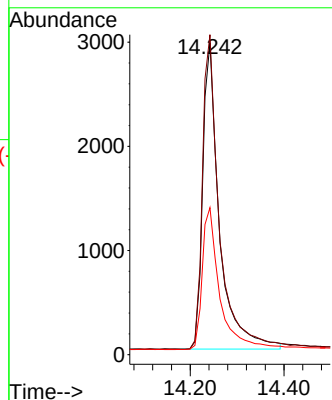
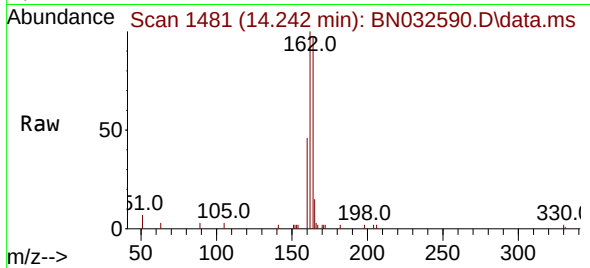




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.242 min Scan# 1480
Delta R.T. 0.011 min
Lab File: BN032590.D
Acq: 09 Jul 2024 16:27

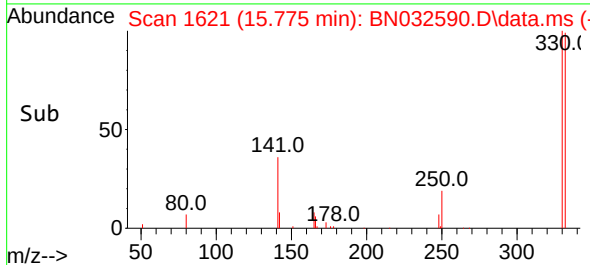
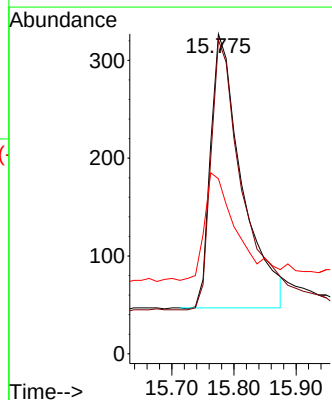
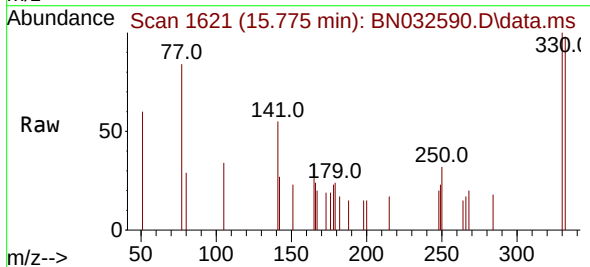
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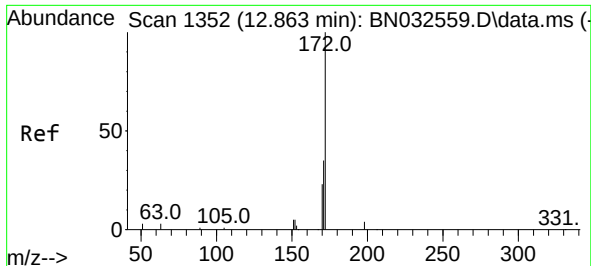
Tgt Ion:164 Resp: 7286
Ion Ratio Lower Upper
164 100
162 102.6 83.2 124.8
160 47.1 38.6 57.8



#14
2,4,6-Tribromophenol
Concen: 0.296 ng
RT: 15.775 min Scan# 1621
Delta R.T. 0.013 min
Lab File: BN032590.D
Acq: 09 Jul 2024 16:27

Tgt Ion:330 Resp: 977
Ion Ratio Lower Upper
330 100
332 98.7 77.7 116.5
141 41.0 31.8 47.8

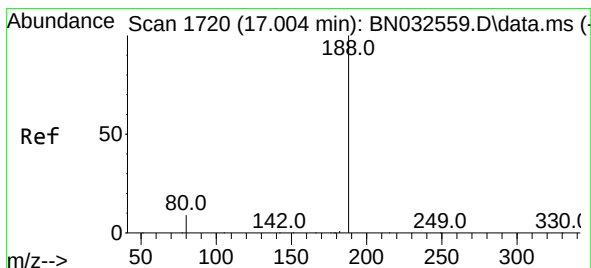
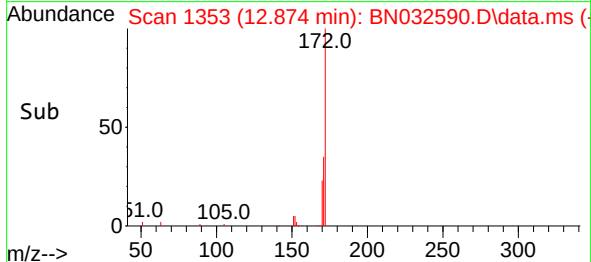
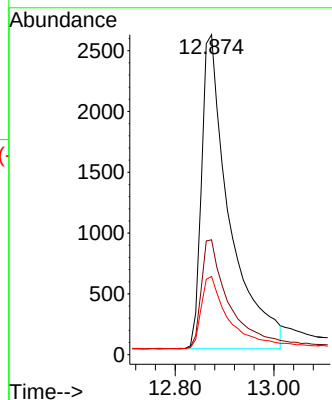
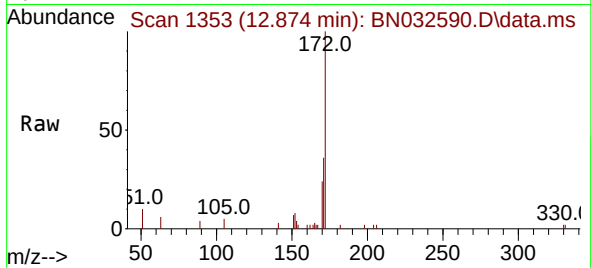




#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 12.874 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN032590.D
Acq: 09 Jul 2024 16:27

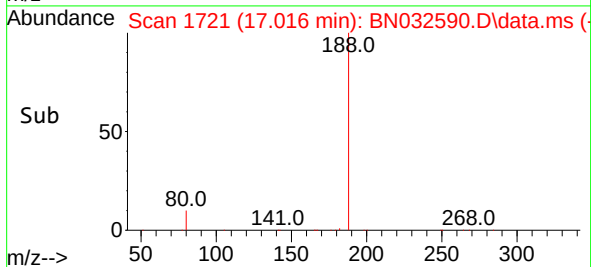
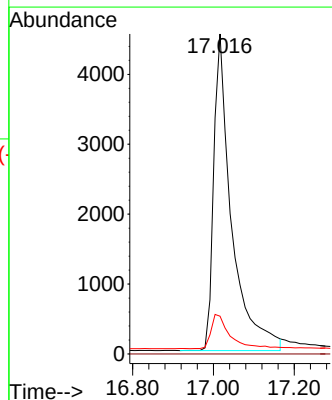
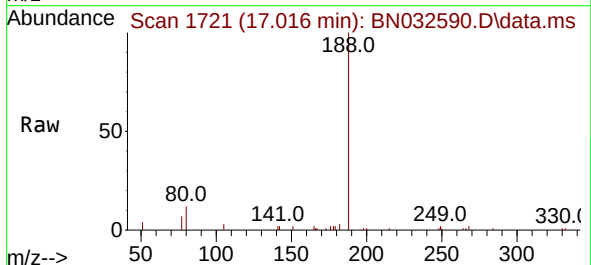
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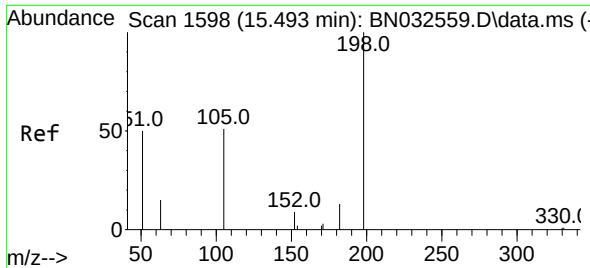
Tgt Ion:172 Resp: 10092
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 24.5 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.016 min Scan# 1721
Delta R.T. 0.013 min
Lab File: BN032590.D
Acq: 09 Jul 2024 16:27

Tgt Ion:188 Resp: 13936
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 7.8 11.6#

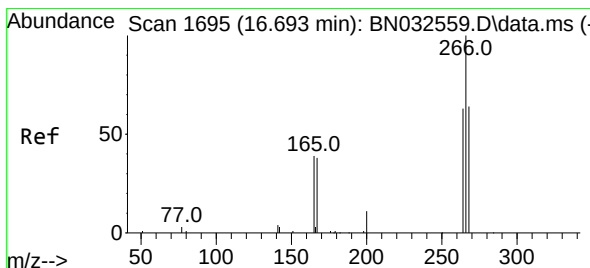
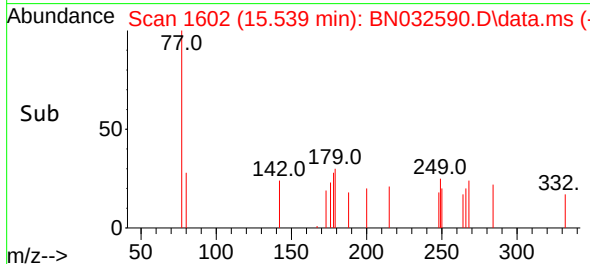
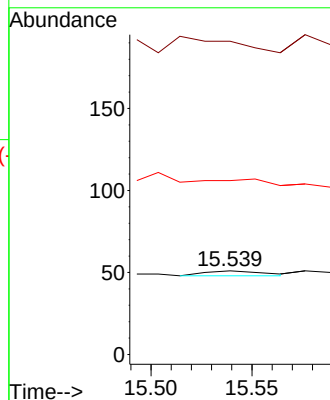
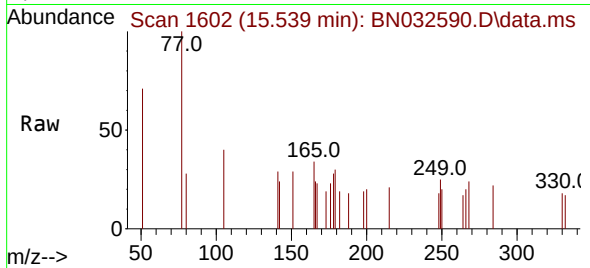




#20
4,6-Dinitro-2-methylphenol
Concen: 0.200 ng
RT: 15.539 min Scan# 1602
Delta R.T. 0.046 min
Lab File: BN032590.D
Acq: 09 Jul 2024 16:27

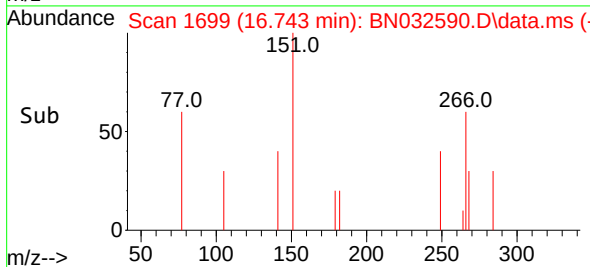
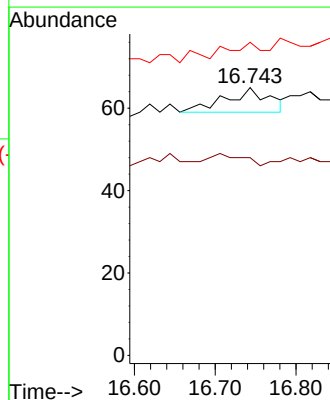
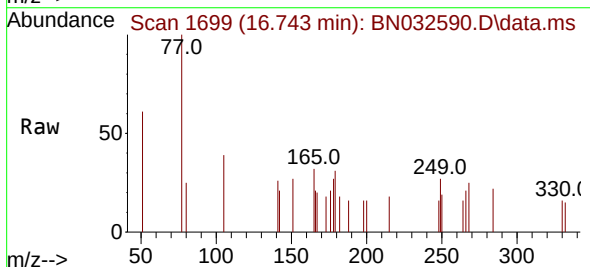
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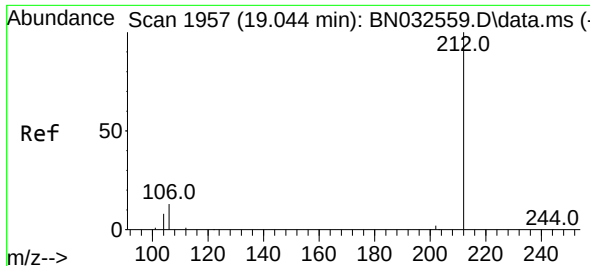
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 374.5 123.4 185.2#
105 207.8 79.5 119.3#



#24
Pentachlorophenol
Concen: 0.173 ng
RT: 16.743 min Scan# 1699
Delta R.T. 0.050 min
Lab File: BN032590.D
Acq: 09 Jul 2024 16:27

Tgt Ion:266 Resp: 22
Ion Ratio Lower Upper
266 100
264 0.0 49.6 74.4#
268 81.8 52.2 78.2#

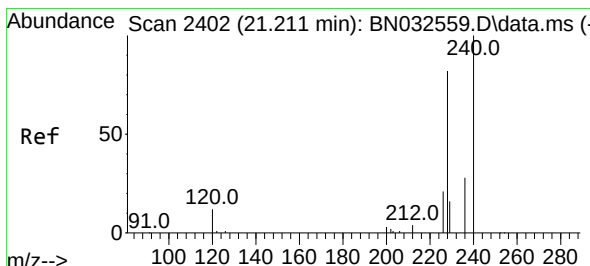
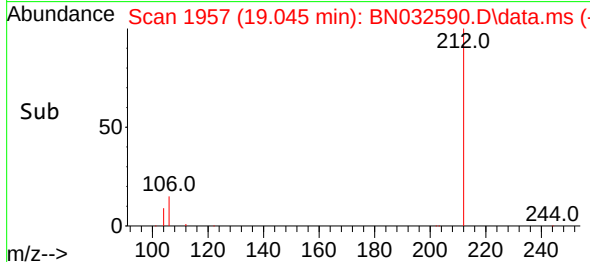
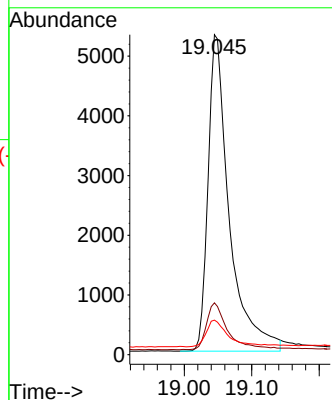
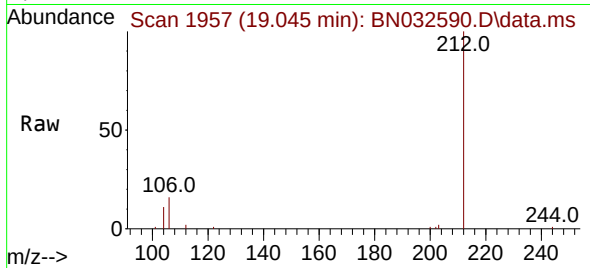




#27
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.045 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BN032590.D
Acq: 09 Jul 2024 16:27

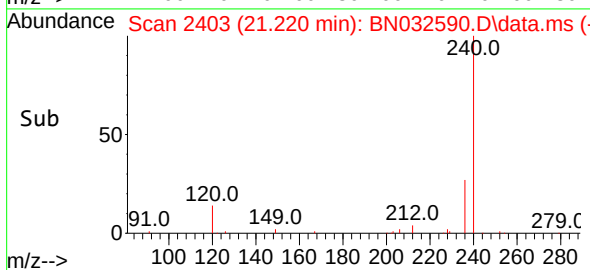
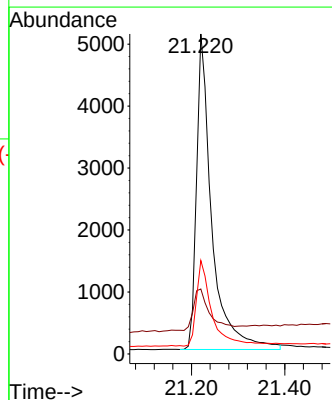
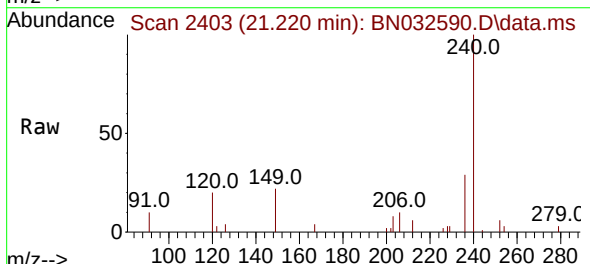
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240703

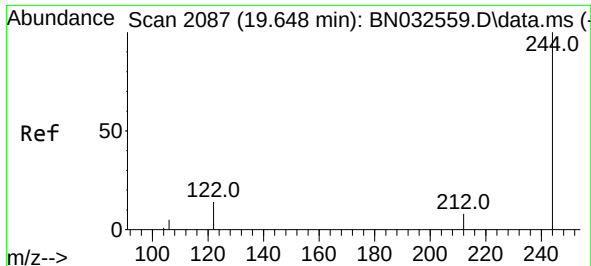
Tgt Ion:212 Resp: 11610
Ion Ratio Lower Upper
212 100
106 14.8 11.8 17.8
104 8.7 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.220 min Scan# 2403
Delta R.T. 0.009 min
Lab File: BN032590.D
Acq: 09 Jul 2024 16:27

Tgt Ion:240 Resp: 11615
Ion Ratio Lower Upper
240 100
120 20.3 13.0 19.4#
236 29.2 23.1 34.7

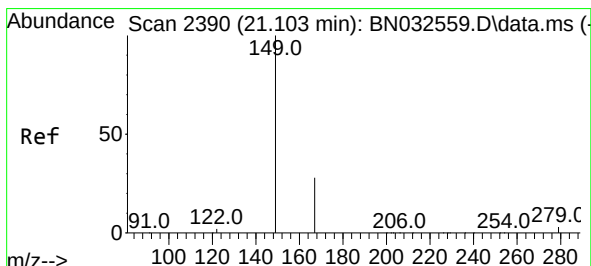
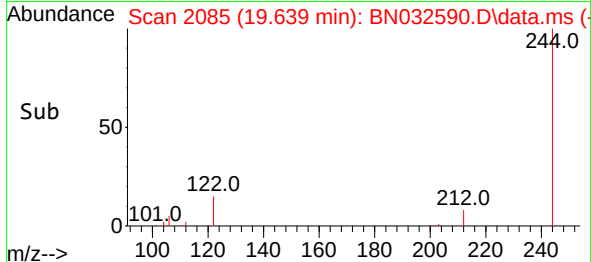
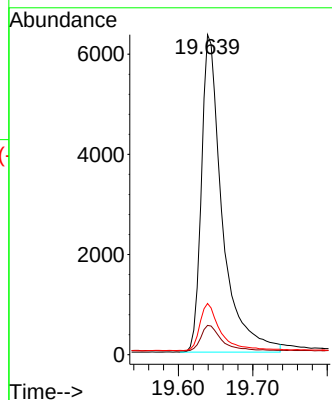
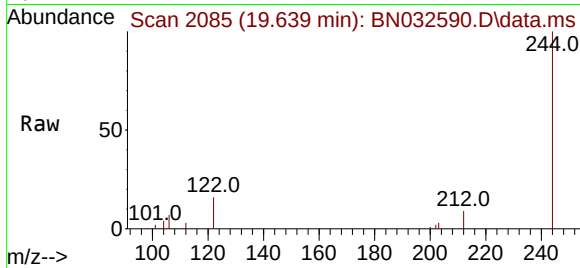




#31
Terphenyl-d14
Concen: 0.435 ng
RT: 19.639 min Scan# 2085
Delta R.T. -0.009 min
Lab File: BN032590.D
Acq: 09 Jul 2024 16:27

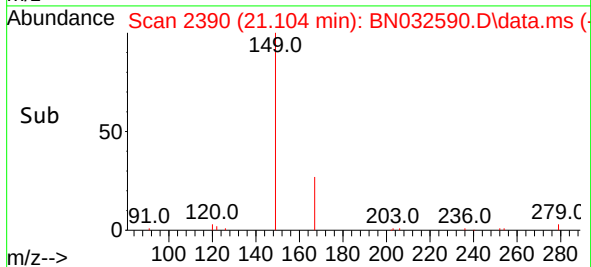
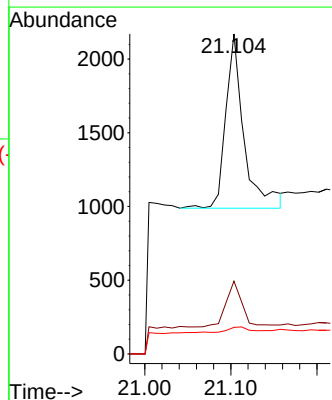
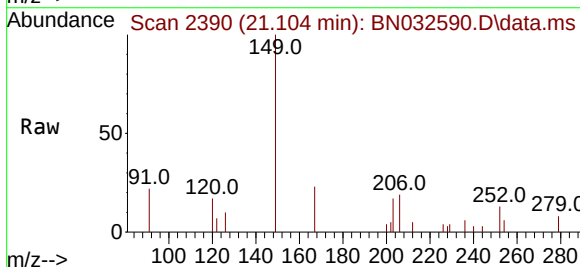
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240703

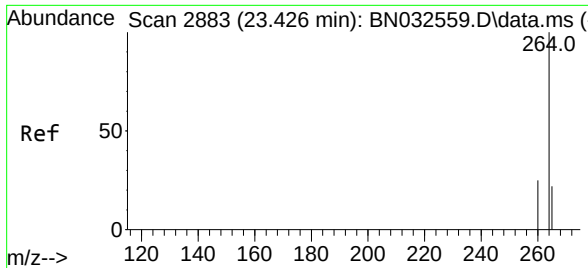
Tgt Ion:	244	Resp:	12328
Ion Ratio	Lower	Upper	
244	100		
212	9.2	7.2	10.8
122	16.0	12.1	18.1



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.067 ng
RT: 21.104 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BN032590.D
Acq: 09 Jul 2024 16:27

Tgt Ion:	149	Resp:	1737
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.6	32.4
279	4.5	3.0	4.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.440 min Scan# 21
Delta R.T. 0.015 min
Lab File: BN032590.D
Acq: 09 Jul 2024 16:27

Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240703

Tgt Ion:264	Resp:	12250
Ion	Ratio	Lower Upper
264	100	
260	26.2	21.0 31.6
265	125.9	76.6 115.0

