

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071024\
 Data File : BN032613.D
 Acq On : 10 Jul 2024 11:49
 Operator : MA/JU
 Sample : P3128-03RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB189-HYD-20240626RE

Quant Time: Jul 10 12:28:21 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)

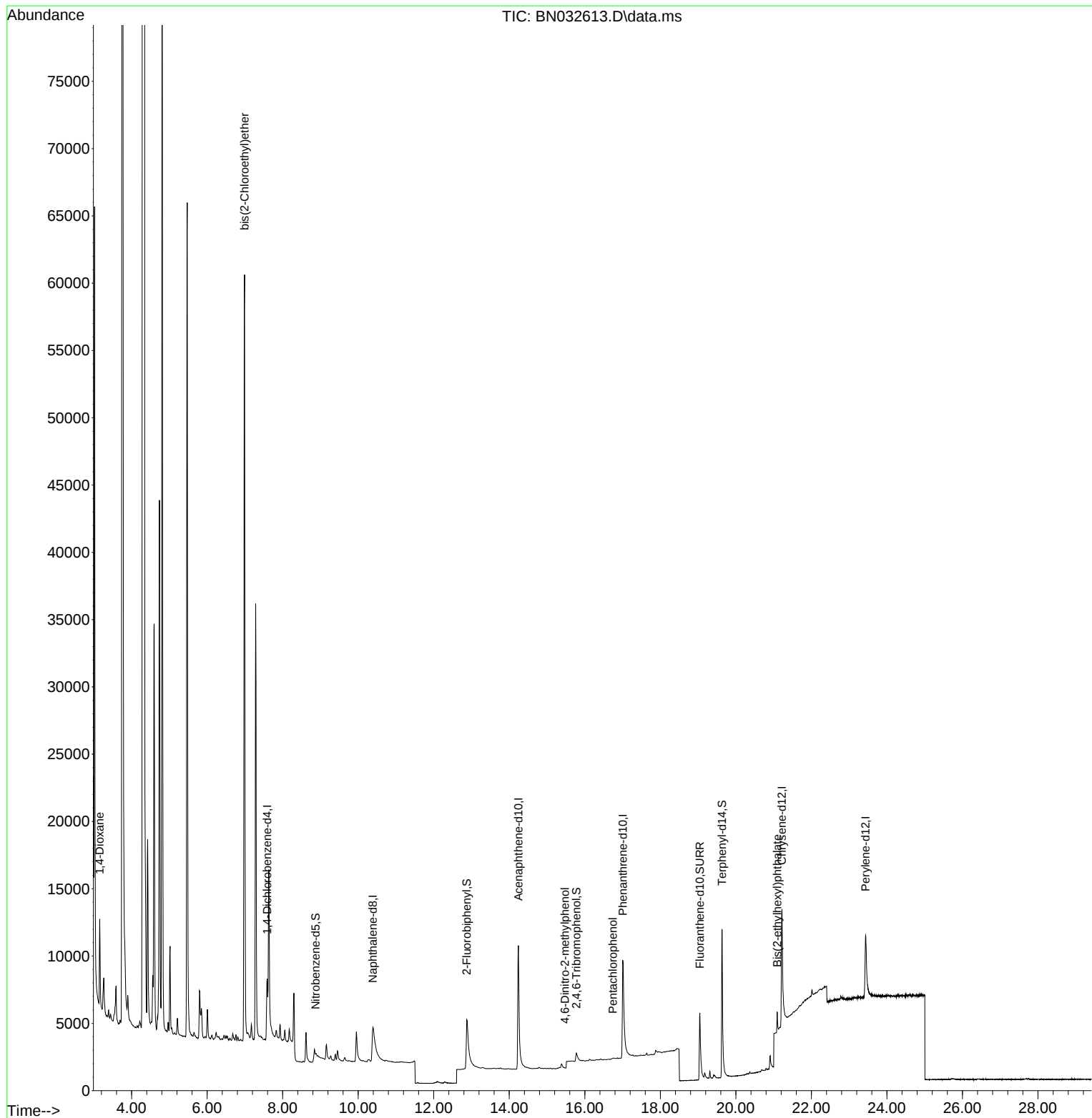
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	3925	0.400	ng	0.00
7) Naphthalene-d8	10.389	136	11829	0.400	ng	# 0.01
13) Acenaphthene-d10	14.242	164	9306	0.400	ng	0.01
19) Phenanthrene-d10	17.004	188	20782	0.400	ng	# 0.00
29) Chrysene-d12	21.220	240	15062	0.400	ng	0.00
35) Perylene-d12	23.434	264	10394	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.234	112	143	0.014	ng	0.02
5) Phenol-d6	6.852	99	4	0.000	ng	0.03
8) Nitrobenzene-d5	8.873	82	1977	0.224	ng	0.07
11) 2-Methylnaphthalene-d10	12.047	152	215	0.012	ng	0.06
14) 2,4,6-Tribromophenol	15.775	330	707	0.168	ng	0.01
15) 2-Fluorobiphenyl	12.874	172	9280	0.271	ng	0.01
27) Fluoranthene-d10	19.045	212	8796	0.162	ng	0.00
31) Terphenyl-d14	19.635	244	15992	0.435	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.154	88	4364	0.844	ng	# 91
6) bis(2-Chloroethyl)ether	6.989	93	46210	4.253	ng	# 47
20) 4,6-Dinitro-2-methylph...	15.472	198	1	0.197	ng	# 1
24) Pentachlorophenol	16.743	266	43	0.175	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.095	149	1453	0.043	ng	# 97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071024\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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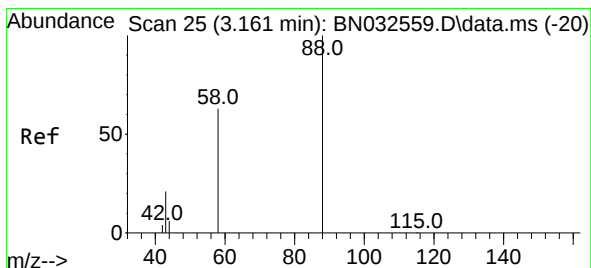
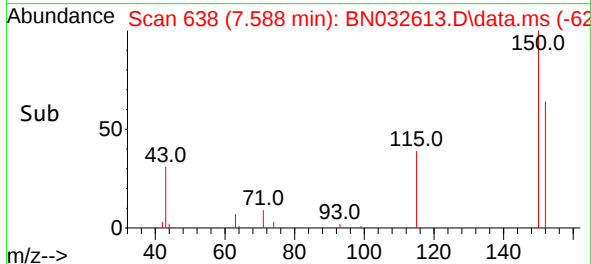
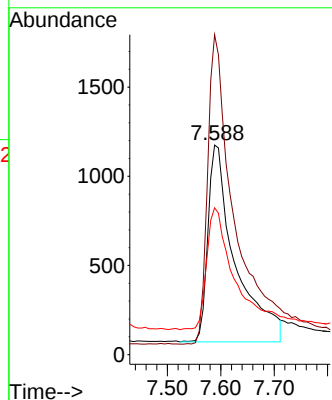
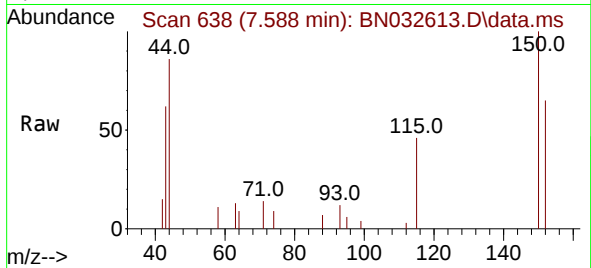




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.588 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN032613.D
 Acq: 10 Jul 2024 11:49

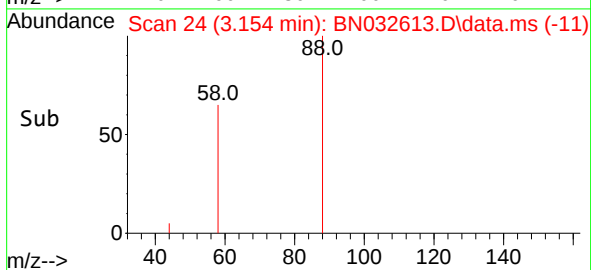
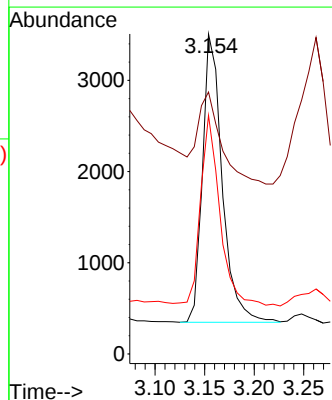
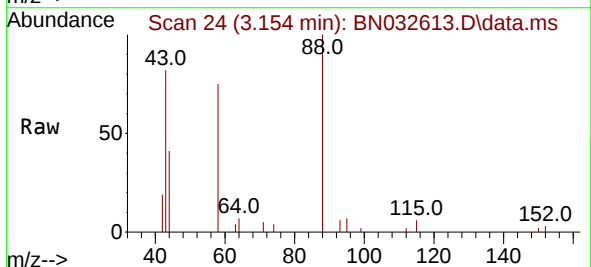
Instrument :
 BNA_N
 ClientSampleId :
 VPB189-HYD-20240626RE

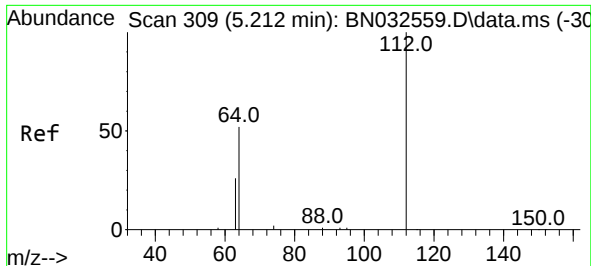
Tgt Ion:152 Resp: 3925
 Ion Ratio Lower Upper
 152 100
 150 152.7 121.6 182.4
 115 70.0 53.1 79.7



#2
 1,4-Dioxane
 Concen: 0.844 ng
 RT: 3.154 min Scan# 24
 Delta R.T. -0.007 min
 Lab File: BN032613.D
 Acq: 10 Jul 2024 11:49

Tgt Ion: 88 Resp: 4364
 Ion Ratio Lower Upper
 88 100
 43 38.0 20.4 30.6#
 58 65.5 51.0 76.6

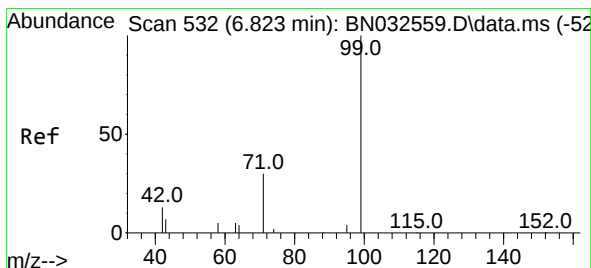
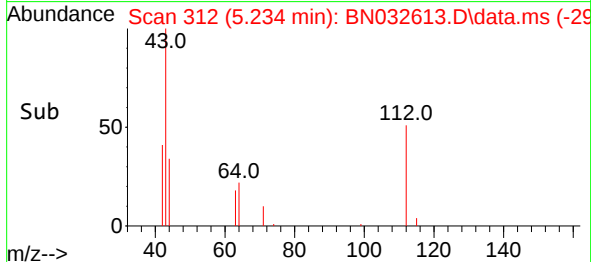
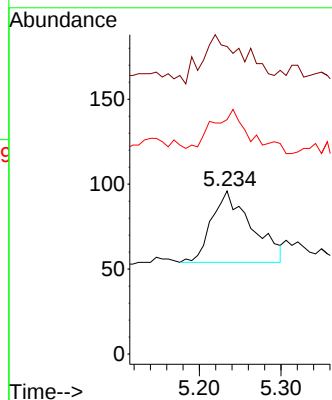
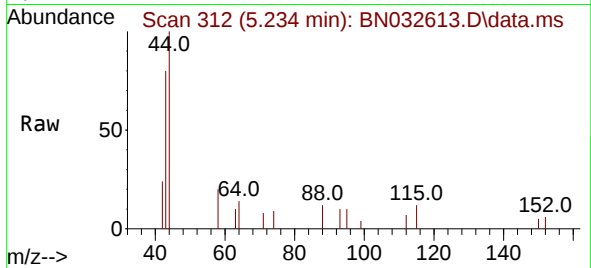




#4
2-Fluorophenol
Concen: 0.014 ng
RT: 5.234 min Scan# 312
Delta R.T. 0.022 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

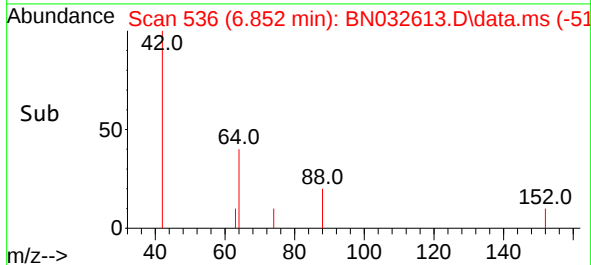
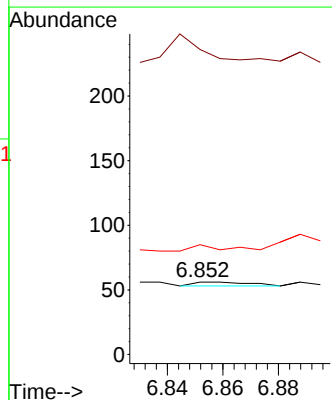
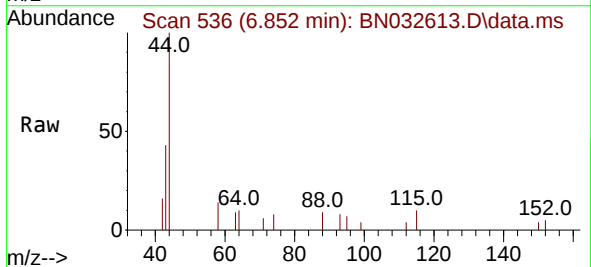
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240626RE

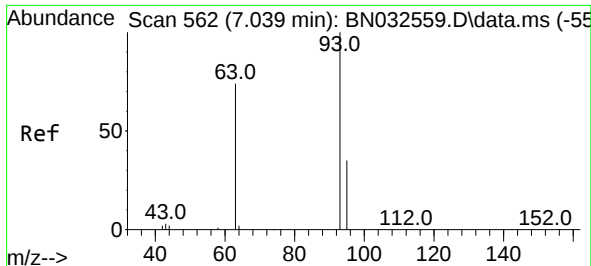
Tgt Ion:112 Resp: 143
Ion Ratio Lower Upper
112 100
64 0.0 41.2 61.8#
63 59.4 21.6 32.4#



#5
Phenol-d6
Concen: 0.000 ng
RT: 6.852 min Scan# 536
Delta R.T. 0.029 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

Tgt Ion: 99 Resp: 4
Ion Ratio Lower Upper
99 100
42 0.0 10.6 16.0#
71 0.0 25.2 37.8#

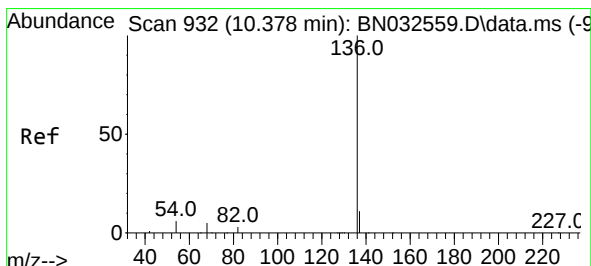
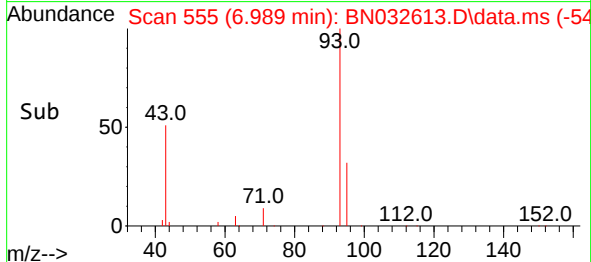
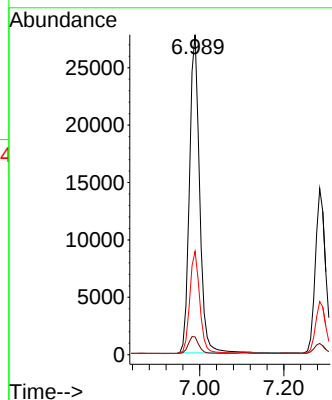
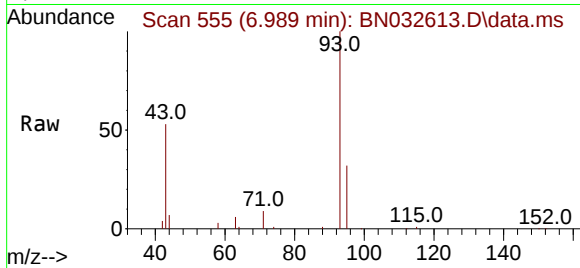




#6
bis(2-Chloroethyl)ether
Concen: 4.253 ng
RT: 6.989 min Scan# 51
Delta R.T. -0.050 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

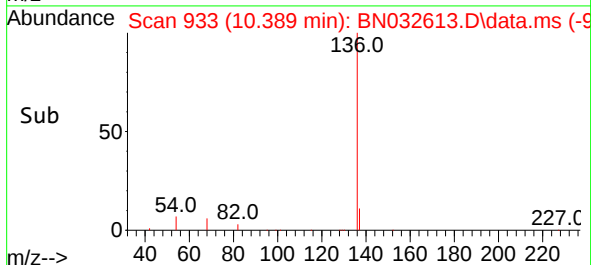
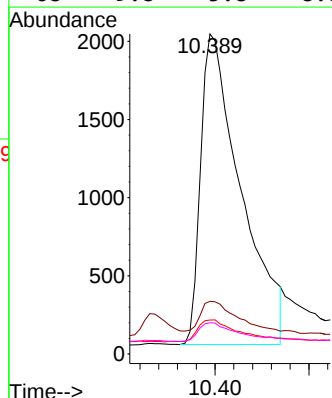
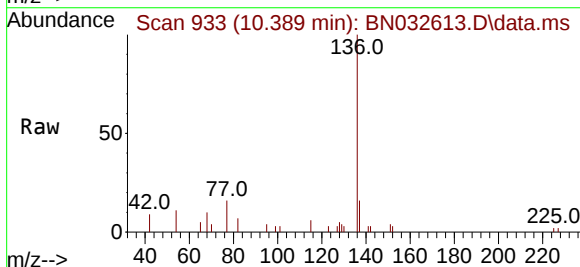
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240626RE

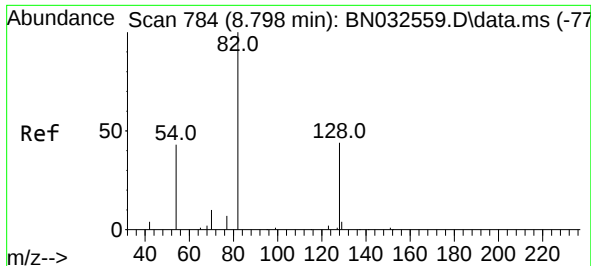
Tgt Ion: 93 Resp: 46210
Ion Ratio Lower Upper
93 100
63 5.3 54.1 81.1#
95 31.7 30.5 45.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.389 min Scan# 933
Delta R.T. 0.011 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

Tgt Ion:136 Resp: 11829
Ion Ratio Lower Upper
136 100
137 16.5 10.0 15.0#
54 10.6 6.6 9.8#
68 9.8 5.8 8.8#

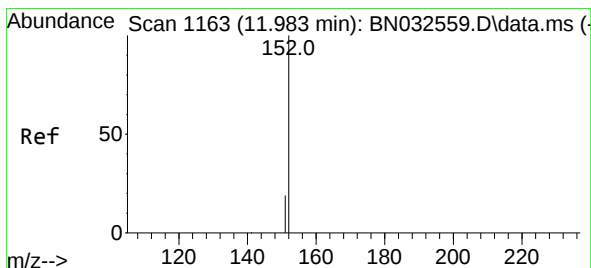
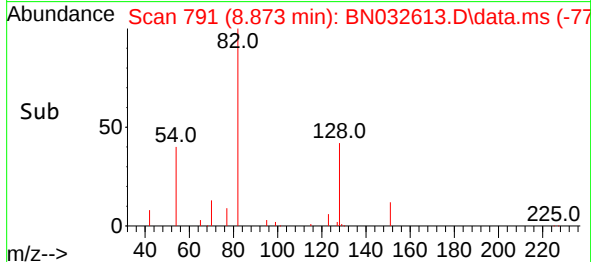
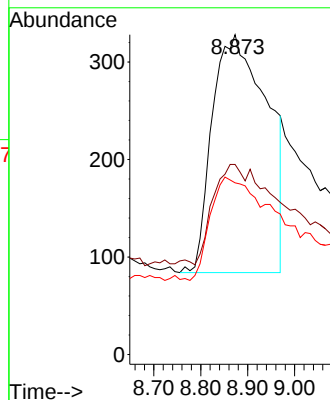
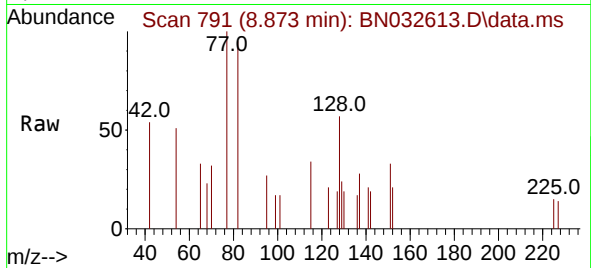




#8
 Nitrobenzene-d5
 Concen: 0.224 ng
 RT: 8.873 min Scan# 71
 Delta R.T. 0.075 min
 Lab File: BN032613.D
 Acq: 10 Jul 2024 11:49

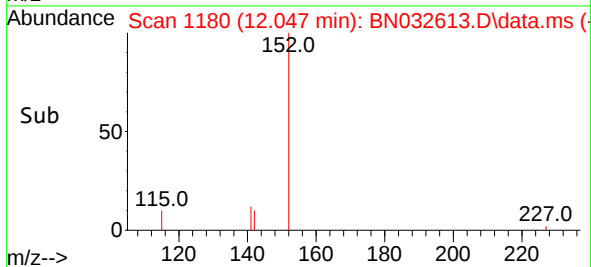
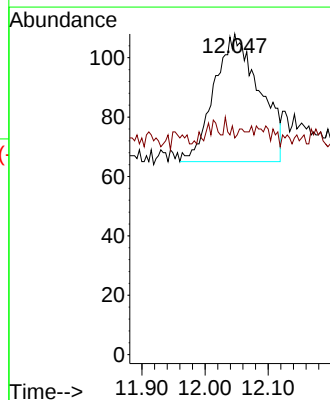
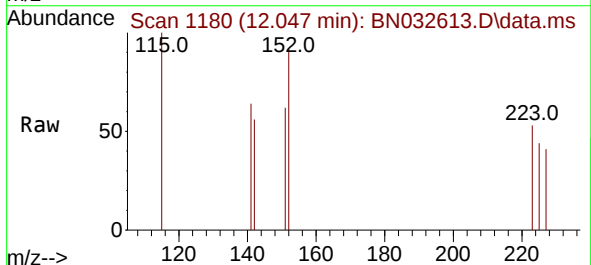
Instrument :
 BNA_N
 ClientSampleId :
 VPB189-HYD-20240626RE

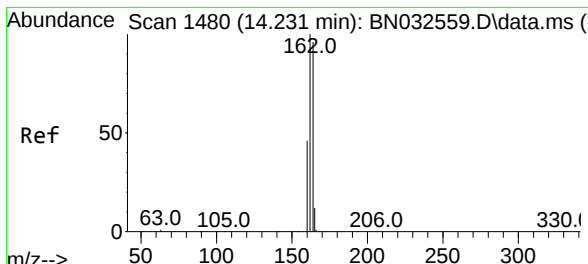
Tgt Ion: 82	Resp: 1977
Ion Ratio	Lower Upper
82 100	
128 59.5	43.4 65.2
54 53.7	40.2 60.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.012 ng
 RT: 12.047 min Scan# 1180
 Delta R.T. 0.064 min
 Lab File: BN032613.D
 Acq: 10 Jul 2024 11:49

Tgt	Ion:152	Resp:	215
Ion	Ratio	Lower	Upper
152	100		
151	0.5	16.4	24.6#

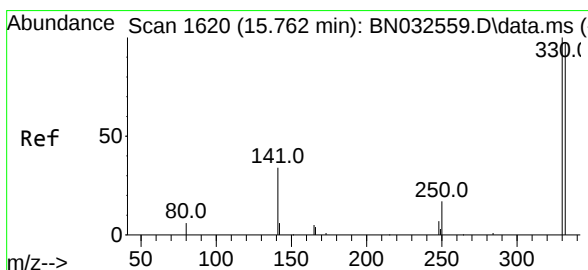
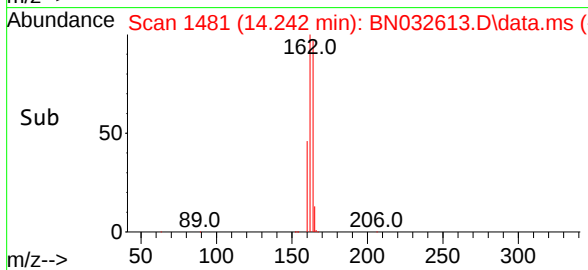
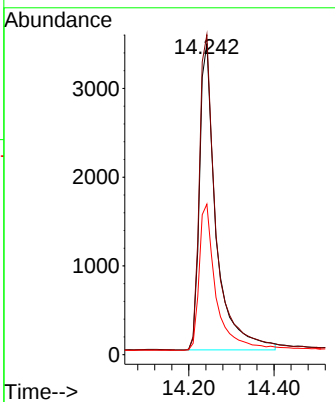
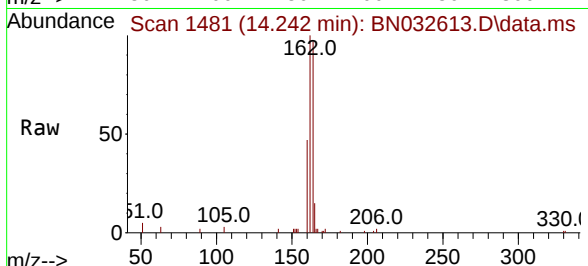




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.242 min Scan# 1481
 Delta R.T. 0.011 min
 Lab File: BN032613.D
 Acq: 10 Jul 2024 11:49

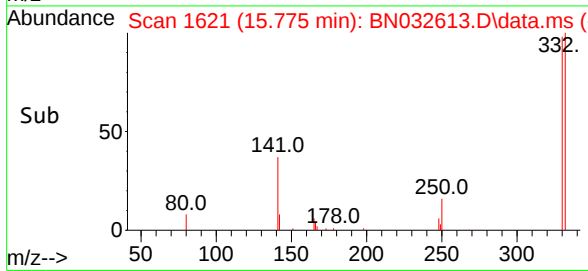
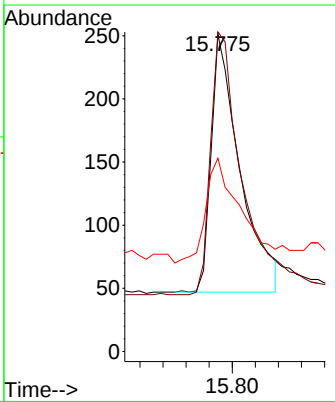
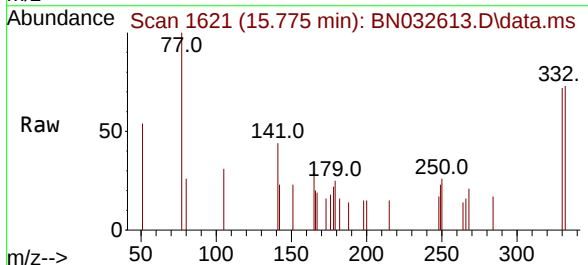
Instrument :
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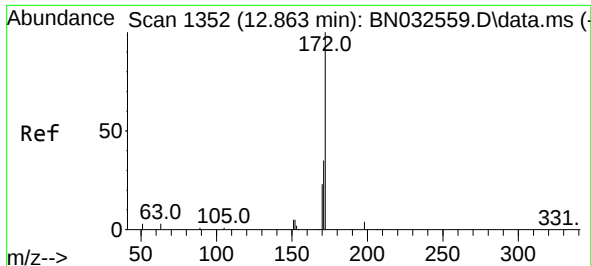
Tgt Ion:	164	Resp:	9306
Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.2	124.8
160	48.4	38.6	57.8



#14
 2,4,6-Tribromophenol
 Concen: 0.168 ng
 RT: 15.775 min Scan# 1621
 Delta R.T. 0.013 min
 Lab File: BN032613.D
 Acq: 10 Jul 2024 11:49

Tgt Ion:	330	Resp:	707
Ion	Ratio	Lower	Upper
330	100		
332	107.6	77.7	116.5
141	48.8	31.8	47.8

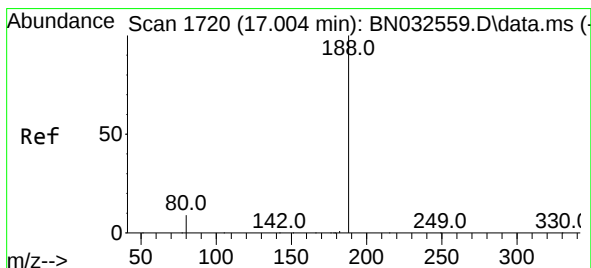
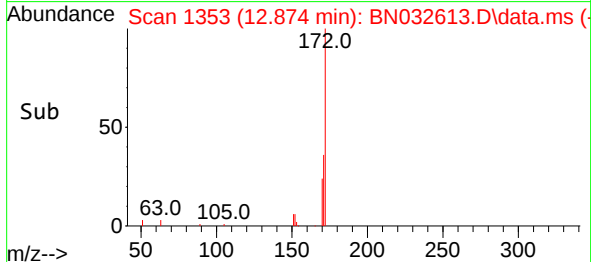
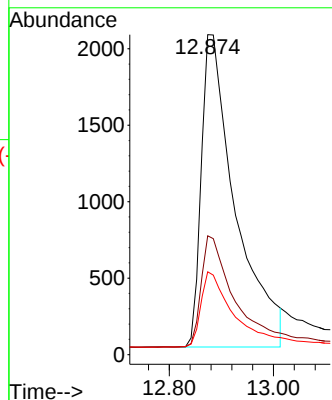
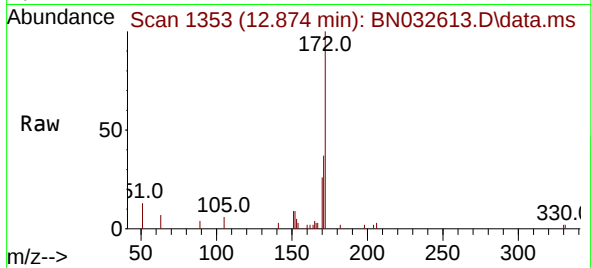




#15
2-Fluorobiphenyl
Concen: 0.271 ng
RT: 12.874 min Scan# 1353
Delta R.T. 0.011 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

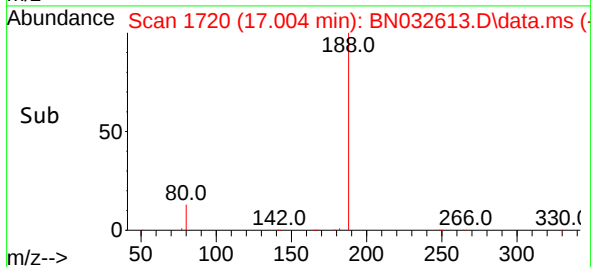
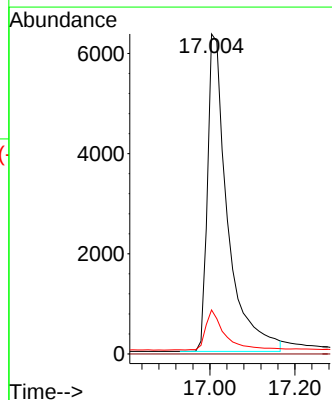
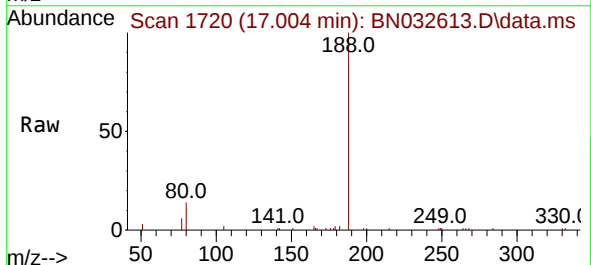
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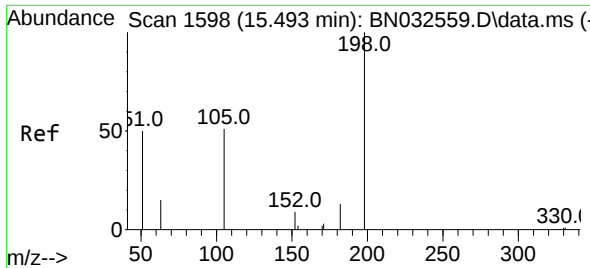
Tgt Ion:172 Resp: 9280
Ion Ratio Lower Upper
172 100
171 37.1 28.5 42.7
170 25.9 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.004 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

Tgt Ion:188 Resp: 20782
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.7 7.8 11.6#

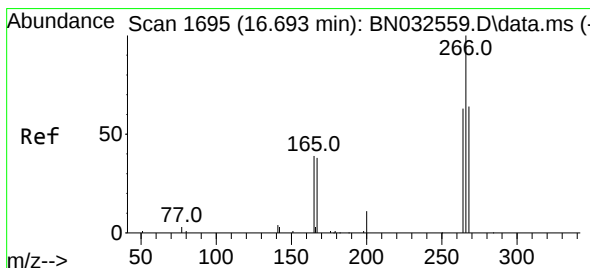
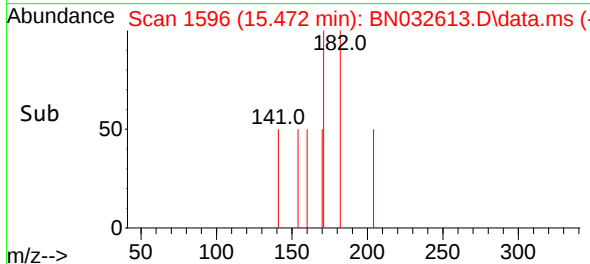
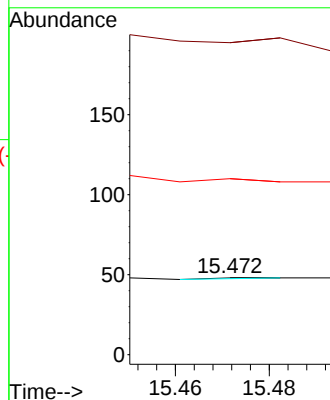
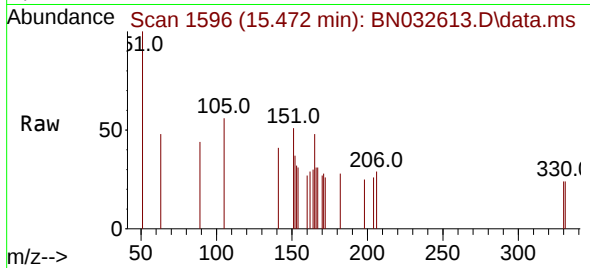




#20
4,6-Dinitro-2-methylphenol
Concen: 0.197 ng
RT: 15.472 min Scan# 1596
Delta R.T. -0.021 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

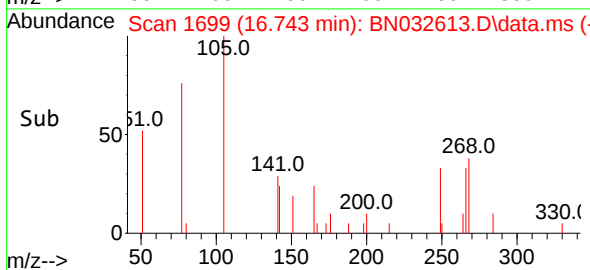
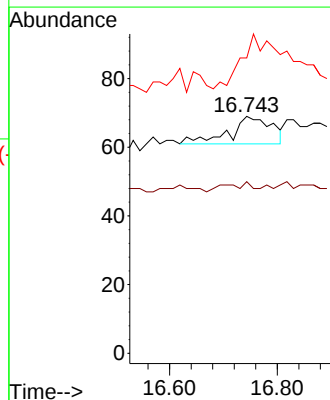
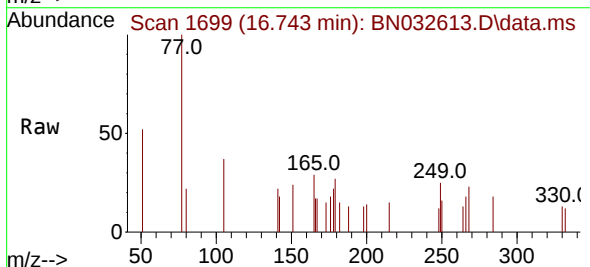
Instrument :
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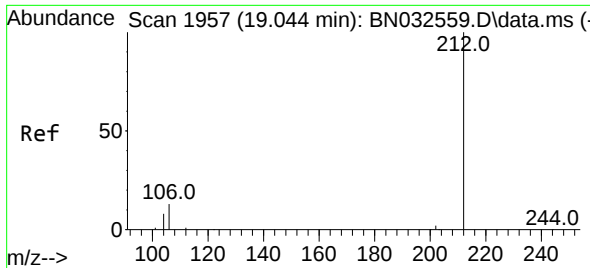
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 406.3 123.4 185.2#
105 229.2 79.5 119.3#



#24
Pentachlorophenol
Concen: 0.175 ng
RT: 16.743 min Scan# 1699
Delta R.T. 0.050 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

Tgt Ion:266 Resp: 43
Ion Ratio Lower Upper
266 100
264 0.0 49.6 74.4#
268 186.0 52.2 78.2#

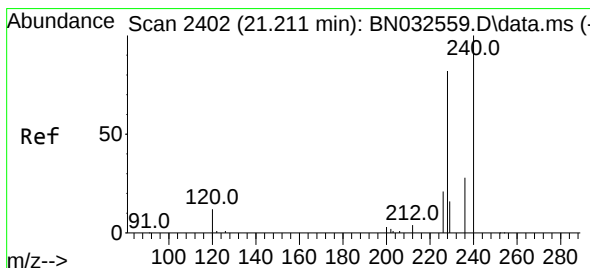
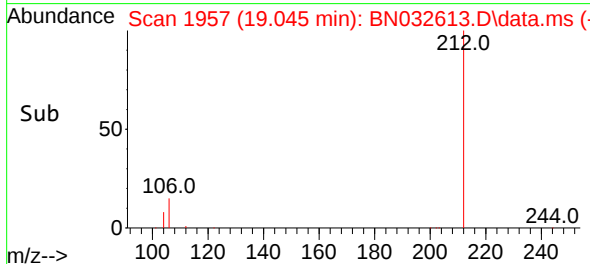
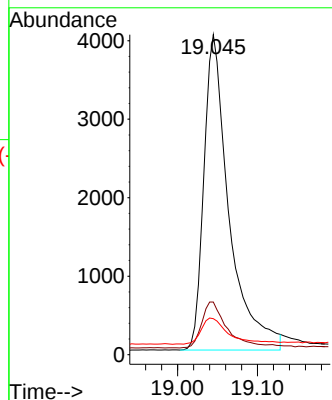
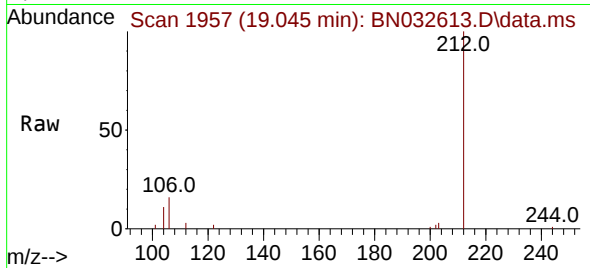




#27
Fluoranthene-d10
Concen: 0.162 ng
RT: 19.045 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

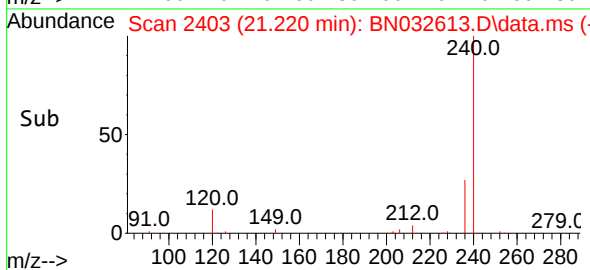
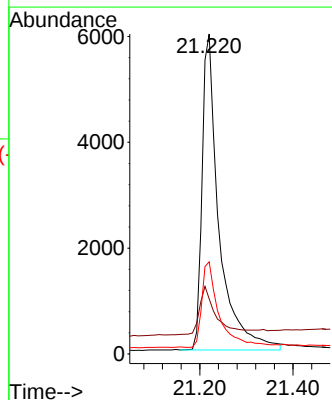
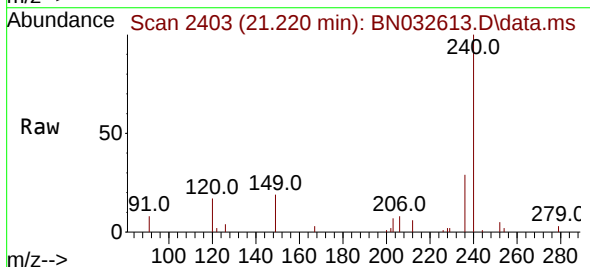
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240626RE

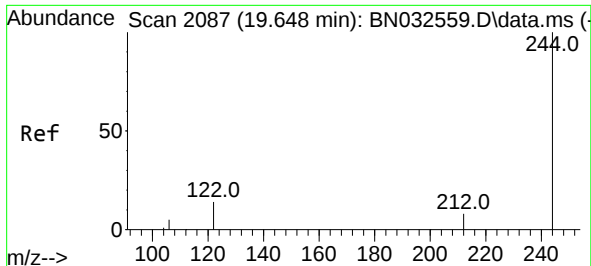
Tgt Ion:	212	Resp:	8796
Ion	Ratio	Lower	Upper
212	100		
106	15.0	11.8	17.8
104	9.2	6.9	10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.220 min Scan# 2403
Delta R.T. 0.009 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

Tgt Ion:	240	Resp:	15062
Ion	Ratio	Lower	Upper
240	100		
120	17.2	13.0	19.4
236	28.8	23.1	34.7

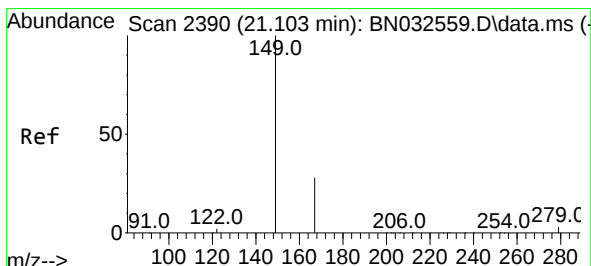
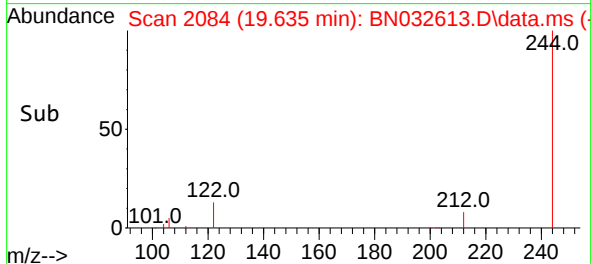
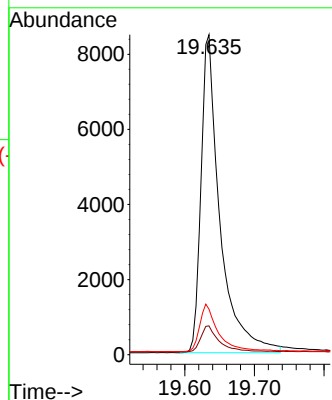
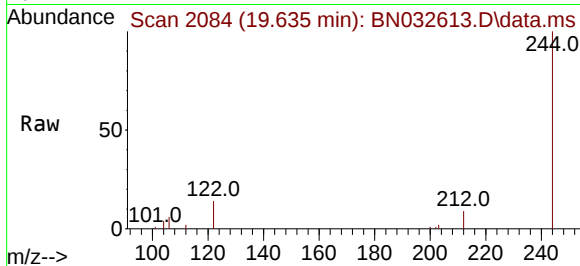




#31
 Terphenyl-d14
 Concen: 0.435 ng
 RT: 19.635 min Scan# 2084
 Delta R.T. -0.014 min
 Lab File: BN032613.D
 Acq: 10 Jul 2024 11:49

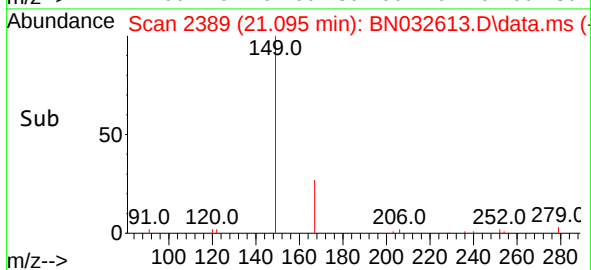
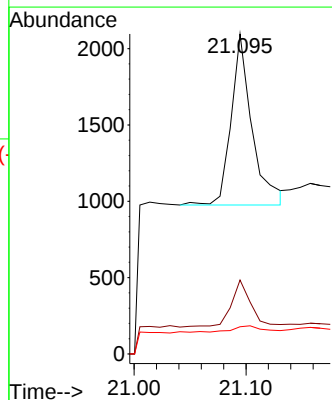
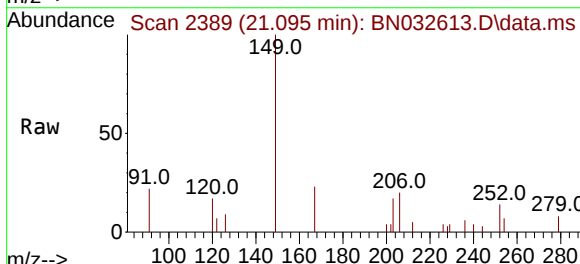
Instrument :
 BNA_N
 ClientSampleId :
 VPB189-HYD-20240626RE

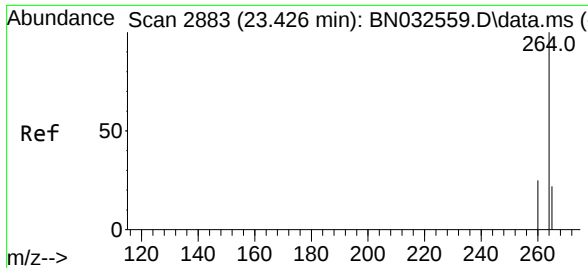
Tgt Ion:244	Resp:	15992
Ion Ratio	Lower	Upper
244	100	
212	9.0	7.2 10.8
122	14.2	12.1 18.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.043 ng
 RT: 21.095 min Scan# 2389
 Delta R.T. -0.009 min
 Lab File: BN032613.D
 Acq: 10 Jul 2024 11:49

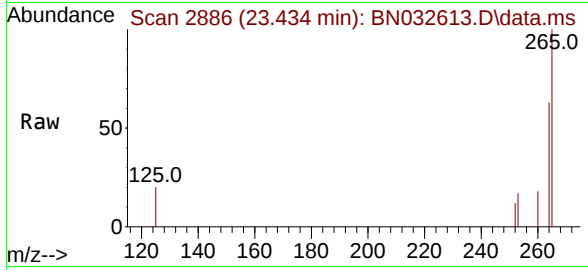
Tgt Ion:149	Resp:	1453
Ion Ratio	Lower	Upper
149	100	
167	26.3	21.6 32.4
279	7.7	3.0 4.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.434 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240626RE



Tgt Ion:264 Resp: 10394

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.0	31.6
265	157.7	76.6	115.0

