

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113022\
 Data File : BN022990.D
 Acq On : 30 Nov 2022 17:36
 Operator : CG/JU
 Sample : N5730-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20221118

Quant Time: Nov 30 23:02:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 00:45:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

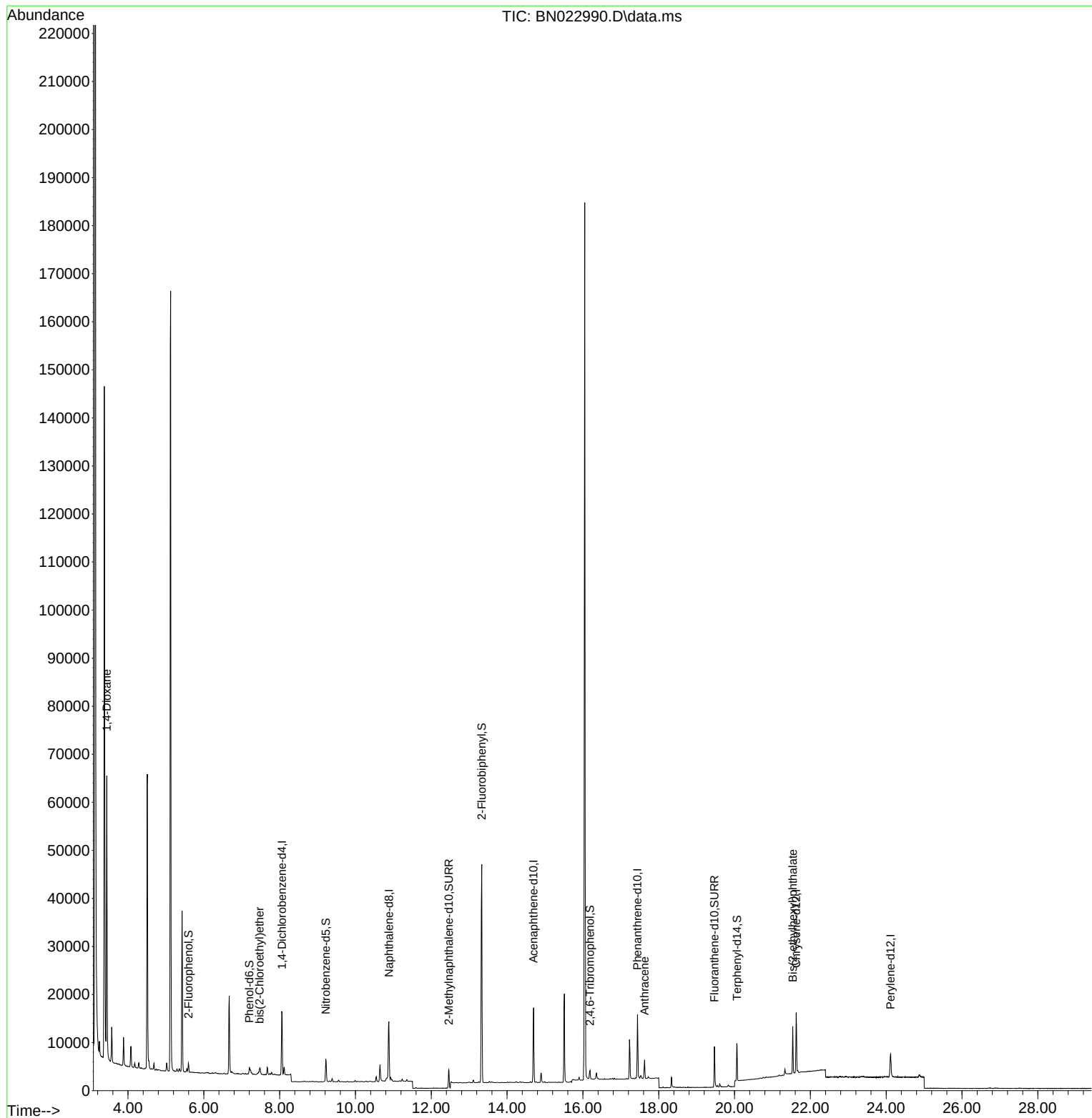
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	6042	0.400	ng	0.00
7) Naphthalene-d8	10.882	136	16877	0.400	ng	0.00
13) Acenaphthene-d10	14.698	164	8162	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	15719	0.400	ng	0.00
29) Chrysene-d12	21.625	240	11056	0.400	ng	# 0.00
35) Perylene-d12	24.115	264	7424	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1404	0.089	ng	0.00
5) Phenol-d6	7.204	99	1133	0.057	ng	0.00
8) Nitrobenzene-d5	9.217	82	3780	0.288	ng	-0.01
11) 2-Methylnaphthalene-d10	12.461	152	4908	0.134	ng	0.00
14) 2,4,6-Tribromophenol	16.185	330	951	0.241	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	38573	1.033	ng	0.00
27) Fluoranthene-d10	19.469	212	8641	0.202	ng	0.00
31) Terphenyl-d14	20.067	244	7051	0.271	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.442	88	33506	4.369	ng	99
6) bis(2-Chloroethyl)ether	7.471	93	555	0.030	ng	# 69
26) Anthracene	17.625	178	990	0.021	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.535	149	8575	0.478	ng	99

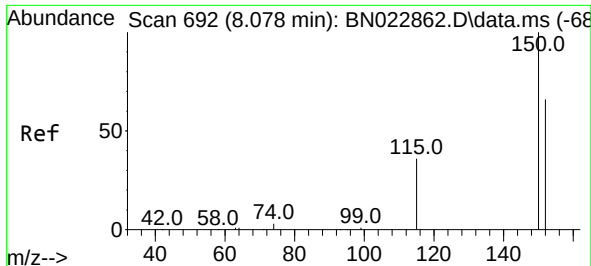
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 30 23:02:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 00:45:21 2022
Response via : Initial Calibration

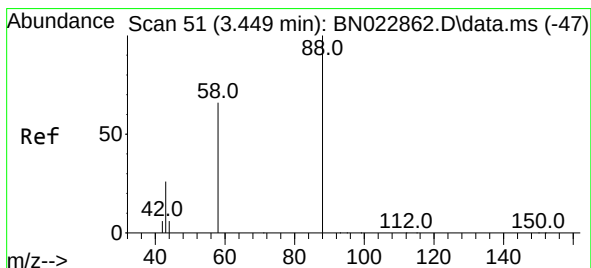
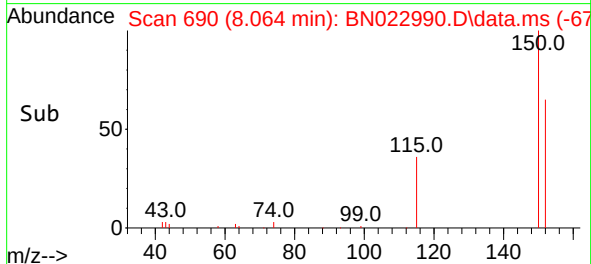
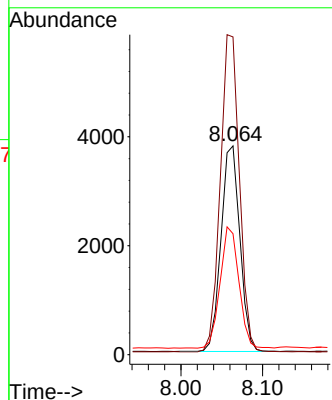
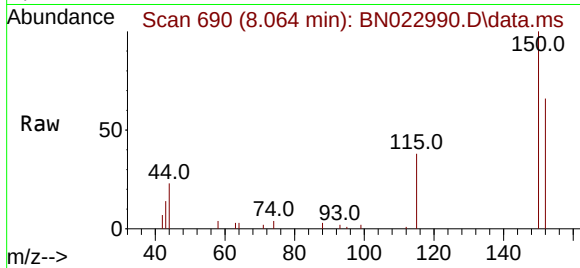




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.064 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN022990.D
 Acq: 30 Nov 2022 17:36

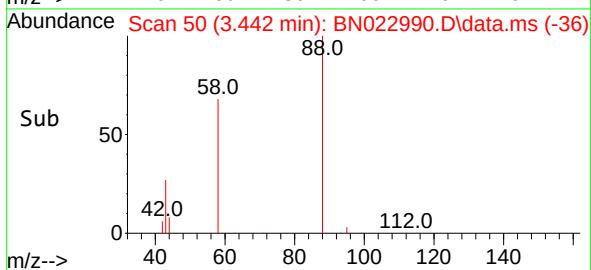
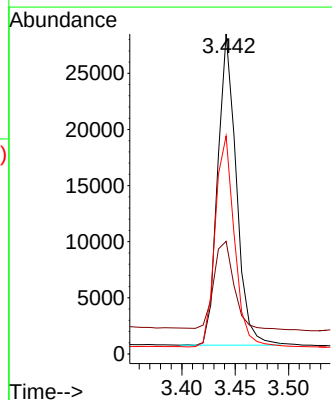
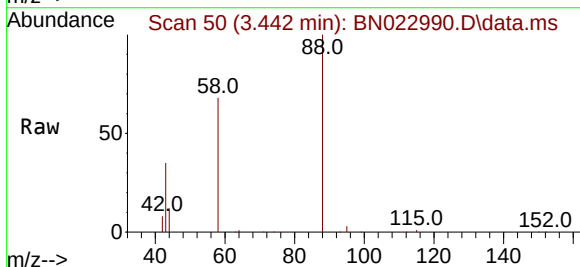
Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20221118

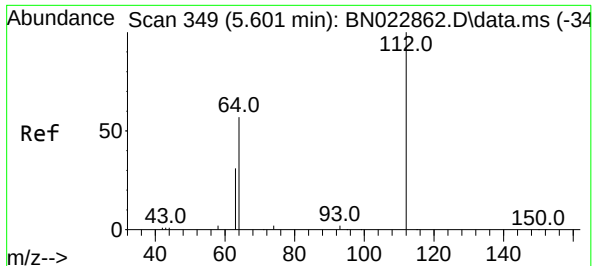
Tgt Ion:152 Resp: 6042
 Ion Ratio Lower Upper
 152 100
 150 152.2 121.2 181.8
 115 57.9 46.2 69.4



#2
 1,4-Dioxane
 Concen: 4.369 ng
 RT: 3.442 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN022990.D
 Acq: 30 Nov 2022 17:36

Tgt Ion: 88 Resp: 33506
 Ion Ratio Lower Upper
 88 100
 43 30.6 25.4 38.2
 58 70.5 56.5 84.7

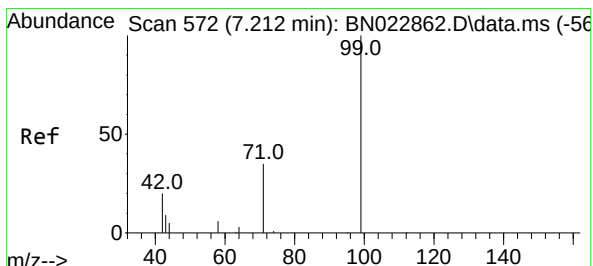
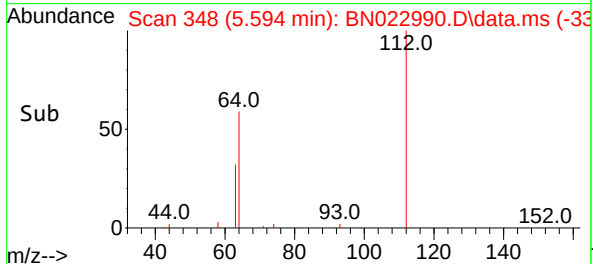
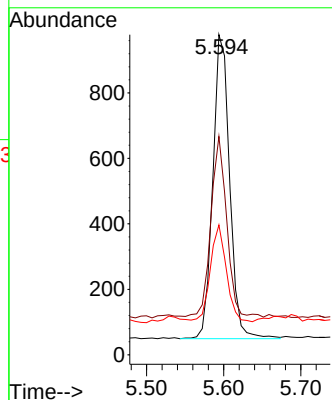
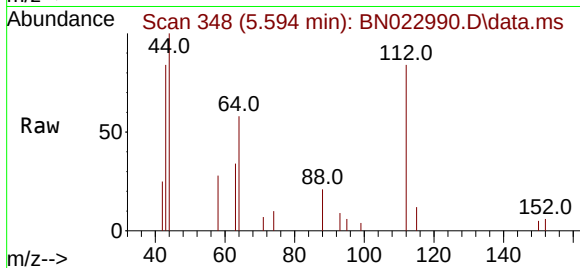




#4
2-Fluorophenol
Concen: 0.089 ng
RT: 5.594 min Scan# 34
Delta R.T. -0.007 min
Lab File: BN022990.D
Acq: 30 Nov 2022 17:36

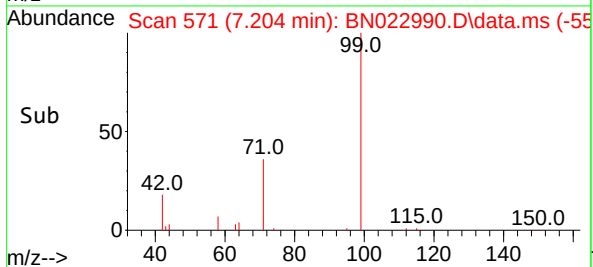
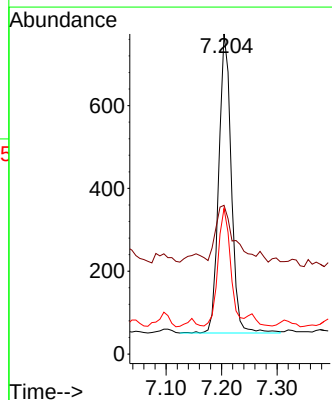
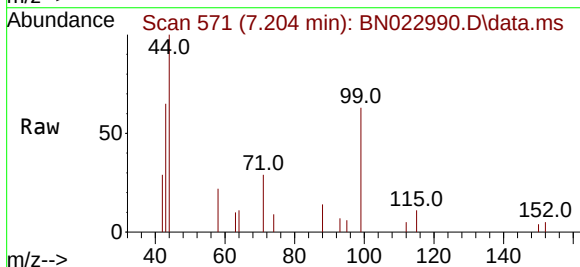
Instrument :
BNA_N
ClientSampleId :
RE132D5-20221118

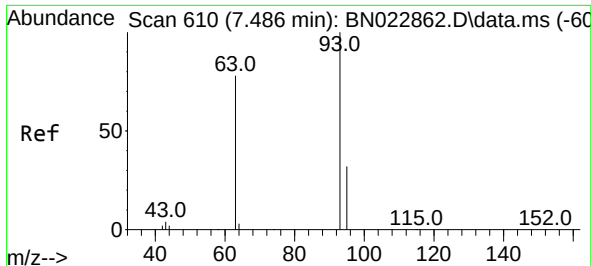
Tgt Ion:112 Resp: 1404
Ion Ratio Lower Upper
112 100
64 55.8 43.4 65.2
63 30.3 23.4 35.2



#5
Phenol-d6
Concen: 0.057 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN022990.D
Acq: 30 Nov 2022 17:36

Tgt Ion: 99 Resp: 1133
Ion Ratio Lower Upper
99 100
42 28.9 16.0 24.0#
71 39.6 26.8 40.2

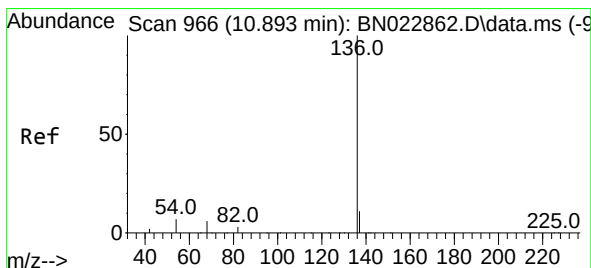
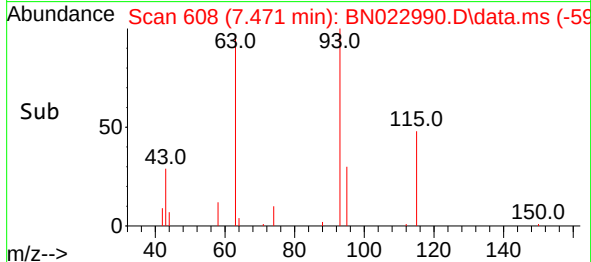
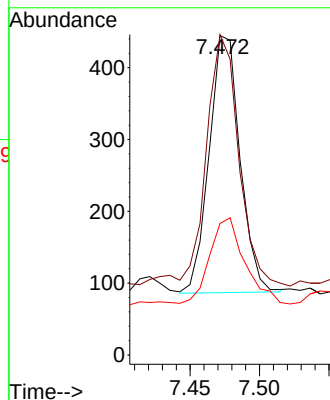
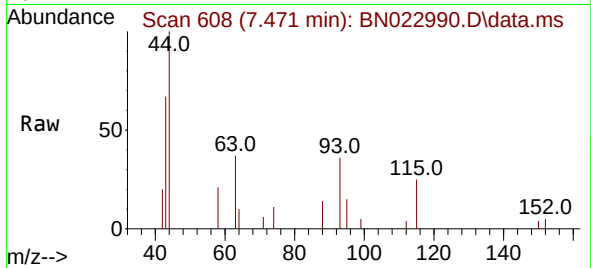




#6
bis(2-Chloroethyl)ether
Concen: 0.030 ng
RT: 7.471 min Scan# 60
Delta R.T. -0.007 min
Lab File: BN022990.D
Acq: 30 Nov 2022 17:36

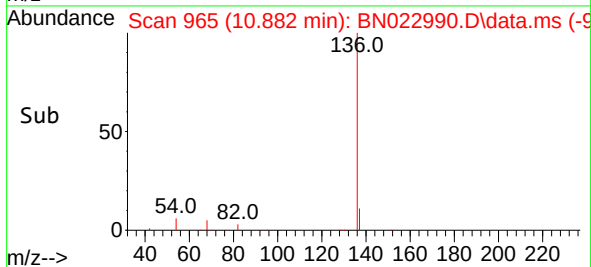
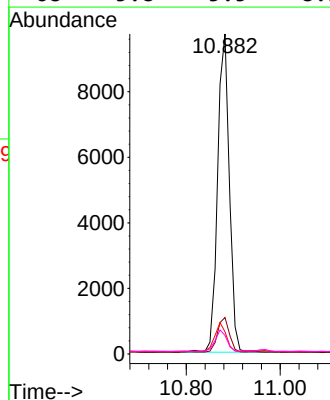
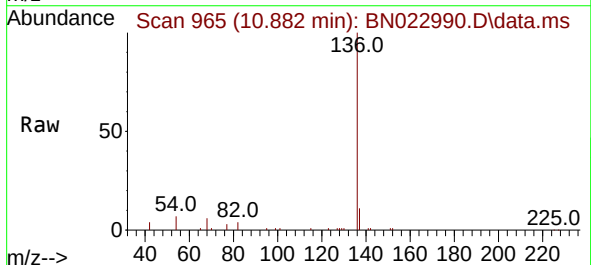
Instrument :
BNA_N
ClientSampleId :
RE132D5-20221118

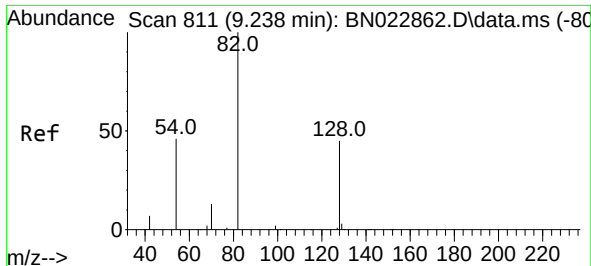
Tgt Ion: 93 Resp: 555
Ion Ratio Lower Upper
93 100
63 106.3 58.3 87.5#
95 38.7 25.8 38.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.882 min Scan# 965
Delta R.T. 0.000 min
Lab File: BN022990.D
Acq: 30 Nov 2022 17:36

Tgt Ion:136 Resp: 16877
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 6.9 6.6 9.8
68 5.8 5.5 8.3

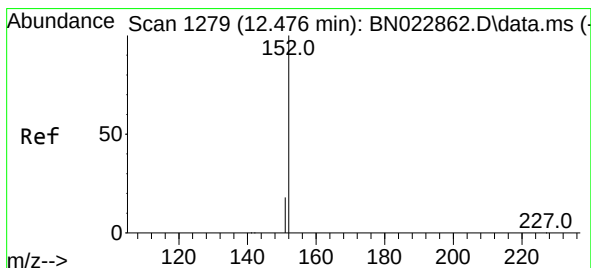
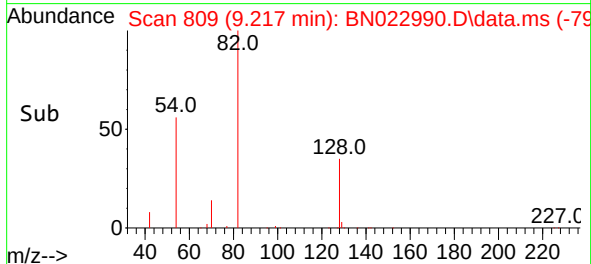
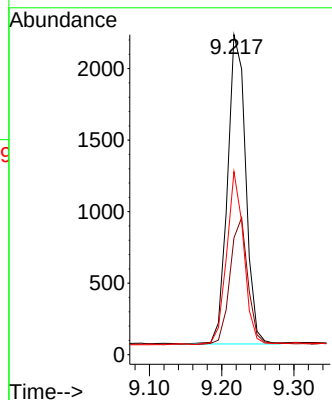
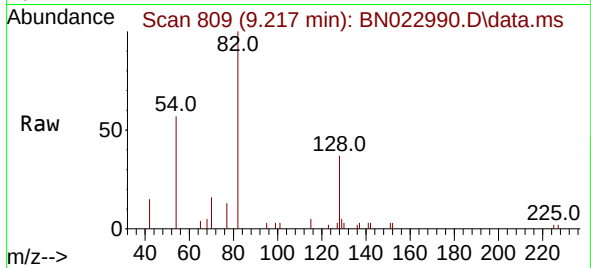




#8
Nitrobenzene-d5
Concen: 0.288 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.011 min
Lab File: BN022990.D
Acq: 30 Nov 2022 17:36

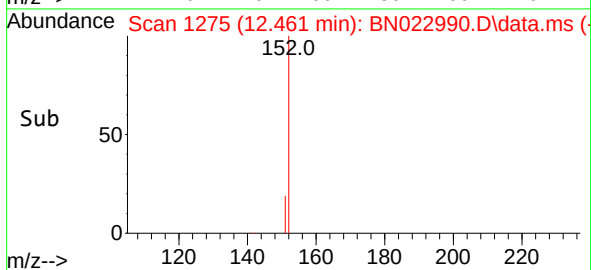
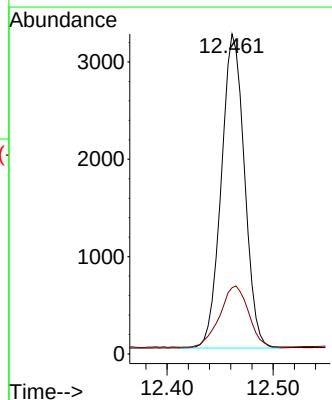
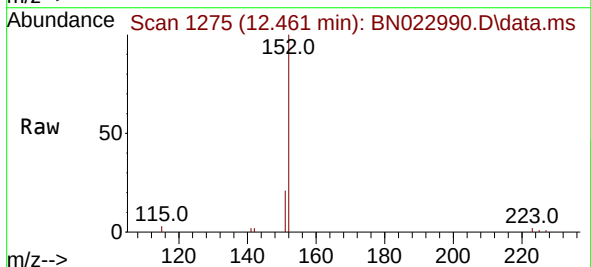
Instrument :
BNA_N
ClientSampleId :
RE132D5-20221118

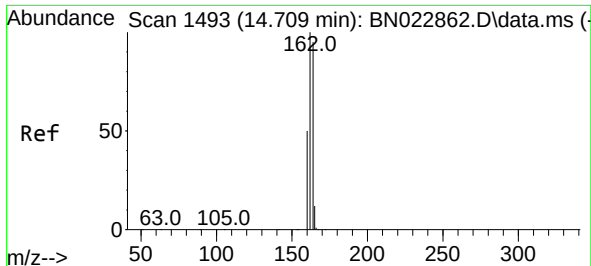
Tgt Ion: 82 Resp: 3780
Ion Ratio Lower Upper
82 100
128 36.5 36.6 54.8#
54 57.2 38.5 57.7



#11
2-Methylnaphthalene-d10
Concen: 0.134 ng
RT: 12.461 min Scan# 1275
Delta R.T. -0.004 min
Lab File: BN022990.D
Acq: 30 Nov 2022 17:36

Tgt Ion:152 Resp: 4908
Ion Ratio Lower Upper
152 100
151 24.1 18.6 27.8

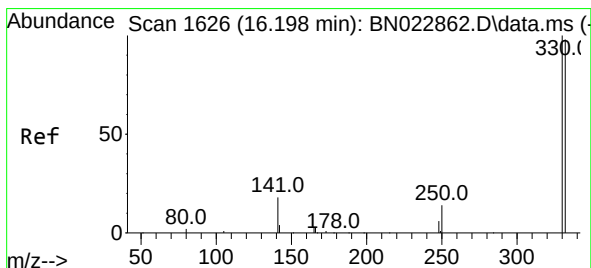
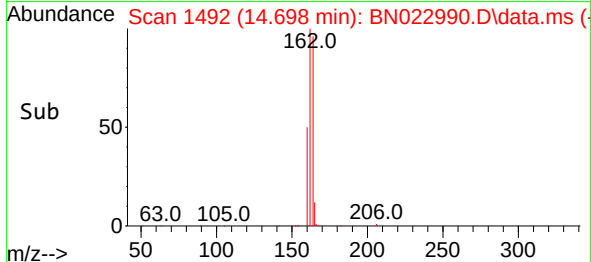
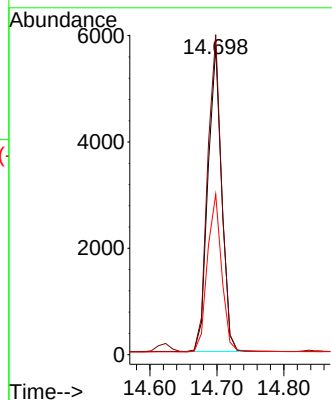
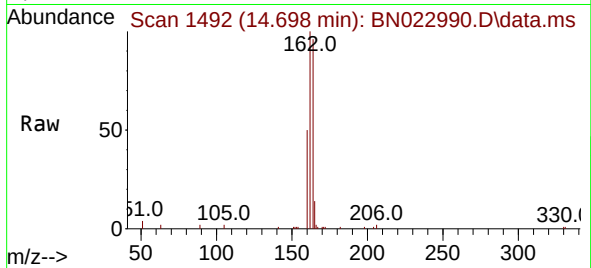




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN022990.D
Acq: 30 Nov 2022 17:36

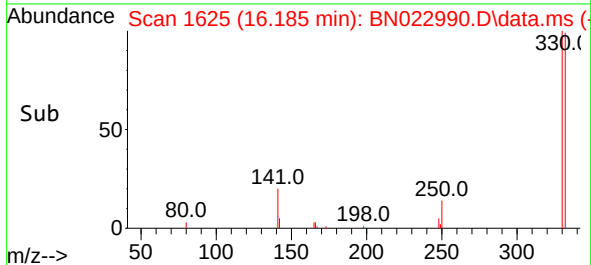
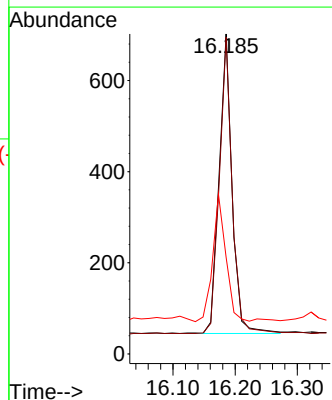
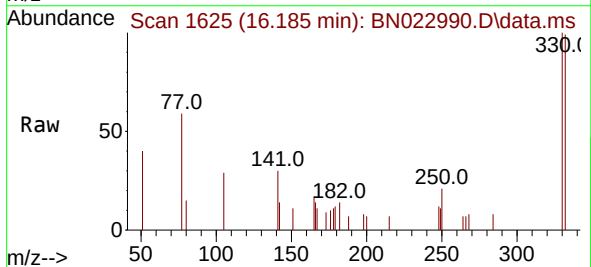
Instrument :
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ClientSampleId :
RE132D5-20221118

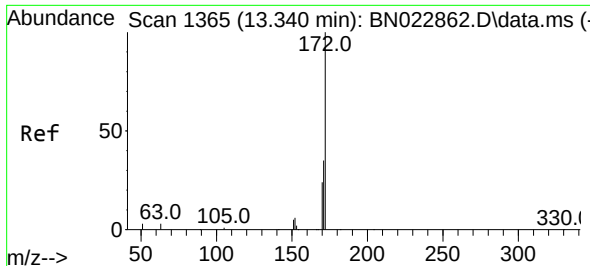
Tgt Ion:164 Resp: 8162
Ion Ratio Lower Upper
164 100
162 103.9 84.2 126.4
160 52.1 42.5 63.7



#14
2,4,6-Tribromophenol
Concen: 0.241 ng
RT: 16.185 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN022990.D
Acq: 30 Nov 2022 17:36

Tgt Ion:330 Resp: 951
Ion Ratio Lower Upper
330 100
332 97.6 76.5 114.7
141 43.1 32.6 48.8

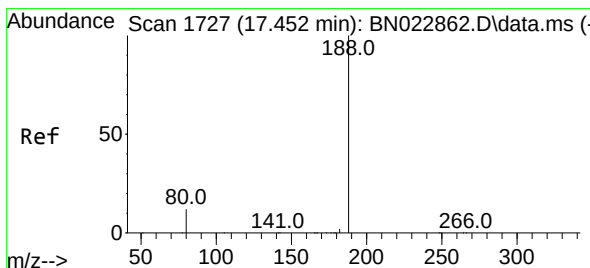
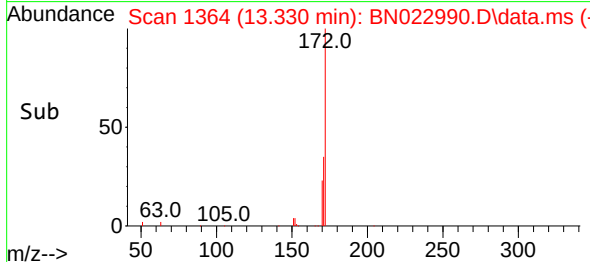
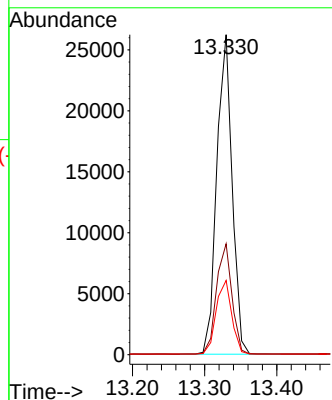
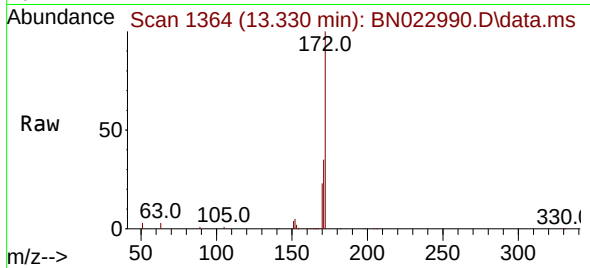




#15
2-Fluorobiphenyl
Concen: 1.033 ng
RT: 13.330 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BN022990.D
Acq: 30 Nov 2022 17:36

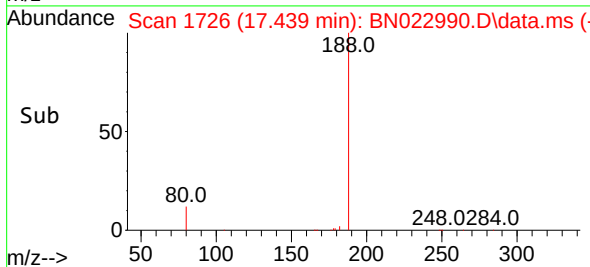
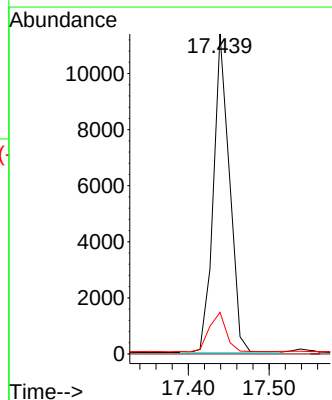
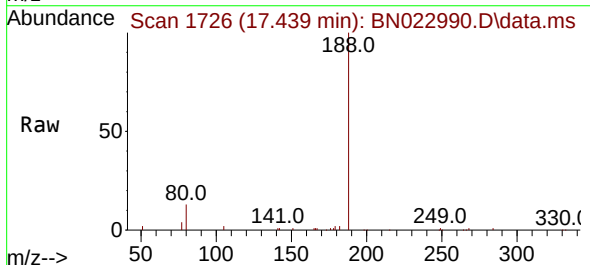
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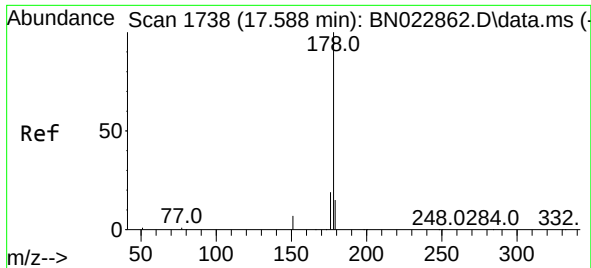
Tgt Ion:172 Resp: 38573
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 23.2 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BN022990.D
Acq: 30 Nov 2022 17:36

Tgt Ion:188 Resp: 15719
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 10.3 15.5

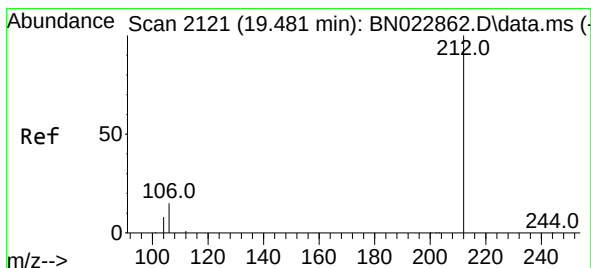
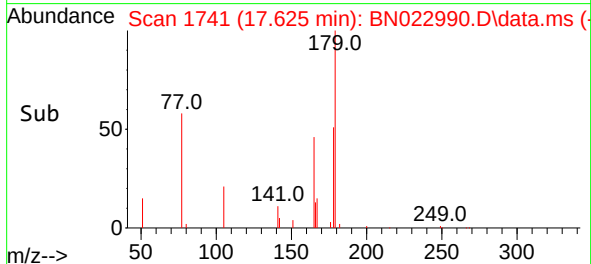
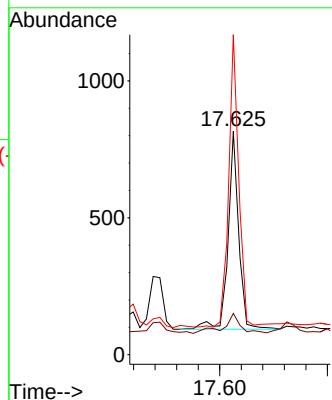
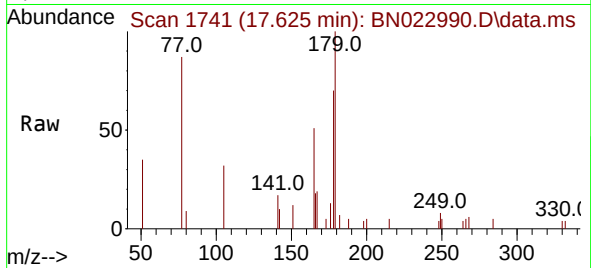




#26
 Anthracene
 Concen: 0.021 ng
 RT: 17.625 min Scan# 11
 Delta R.T. 0.050 min
 Lab File: BN022990.D
 Acq: 30 Nov 2022 17:36

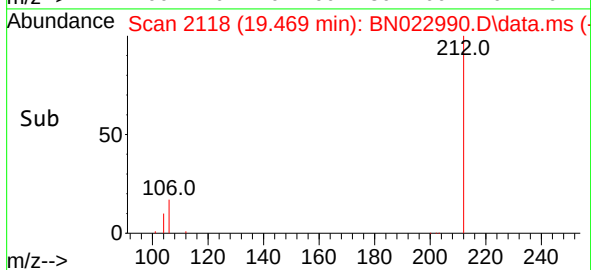
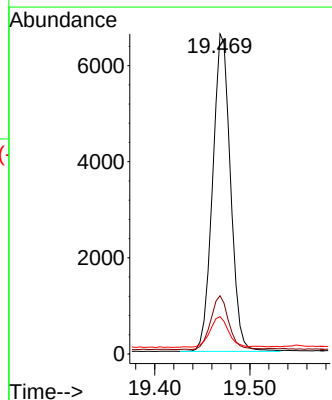
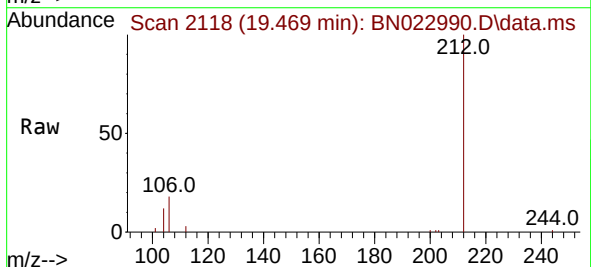
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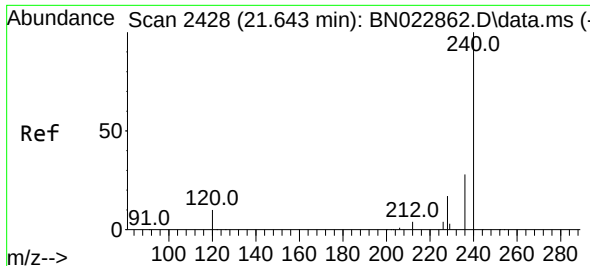
Tgt Ion:178 Resp: 990
 Ion Ratio Lower Upper
 178 100
 176 15.8 15.2 22.8
 179 140.1 12.2 18.2#



#27
 Fluoranthene-d10
 Concen: 0.202 ng
 RT: 19.469 min Scan# 2118
 Delta R.T. -0.004 min
 Lab File: BN022990.D
 Acq: 30 Nov 2022 17:36

Tgt Ion:212 Resp: 8641
 Ion Ratio Lower Upper
 212 100
 106 17.1 12.3 18.5
 104 10.4 7.0 10.4

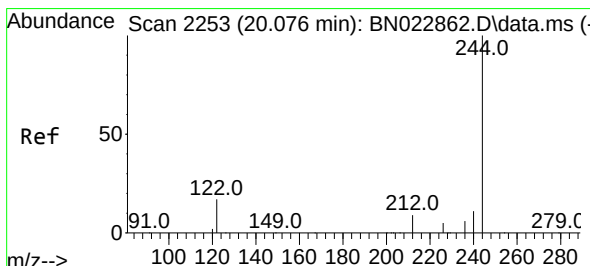
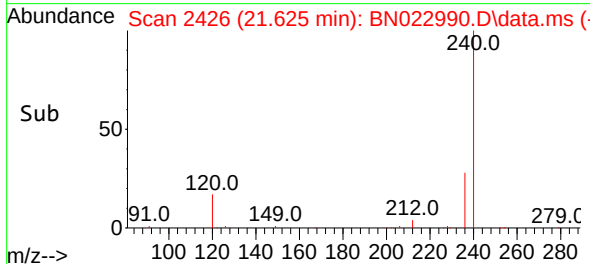
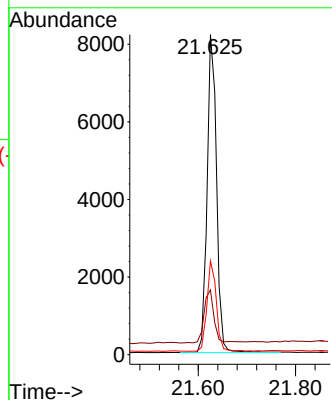
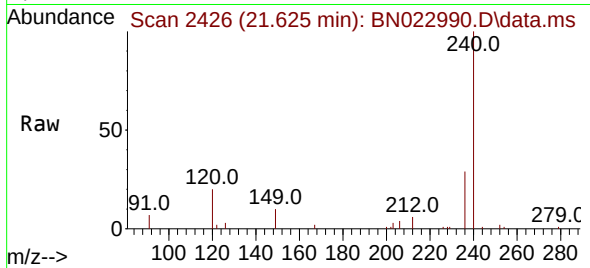




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.625 min Scan# 2426
Delta R.T. -0.004 min
Lab File: BN022990.D
Acq: 30 Nov 2022 17:36

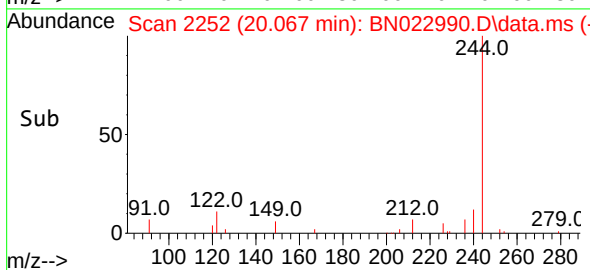
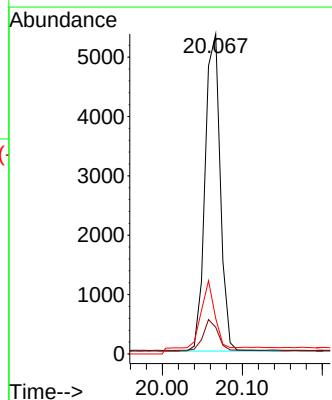
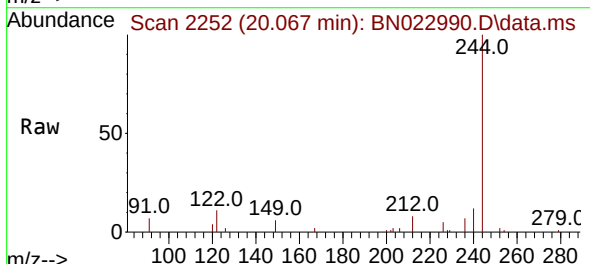
Instrument :
BNA_N
ClientSampleId :
RE132D5-20221118

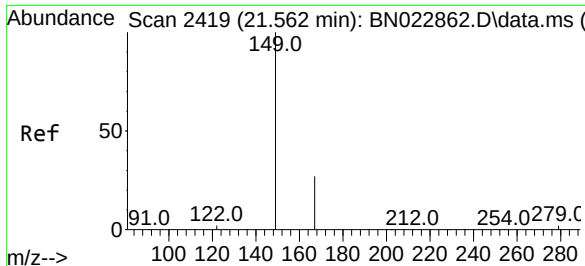
Tgt Ion:240 Resp: 11056
Ion Ratio Lower Upper
240 100
120 20.3 9.2 13.8#
236 29.3 22.6 34.0



#31
Terphenyl-d14
Concen: 0.271 ng
RT: 20.067 min Scan# 2252
Delta R.T. 0.005 min
Lab File: BN022990.D
Acq: 30 Nov 2022 17:36

Tgt Ion:244 Resp: 7051
Ion Ratio Lower Upper
244 100
212 8.3 7.9 11.9
122 11.1 13.9 20.9#

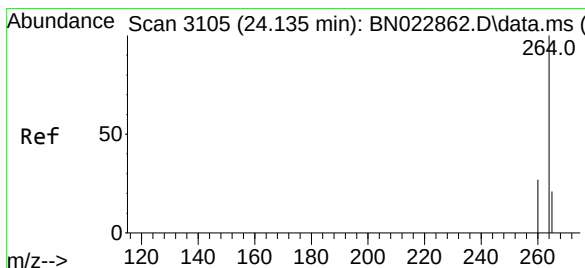
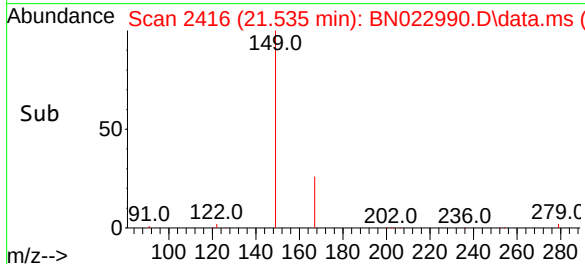
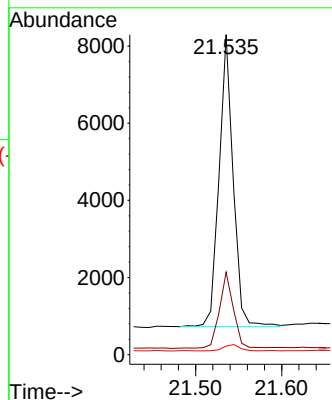
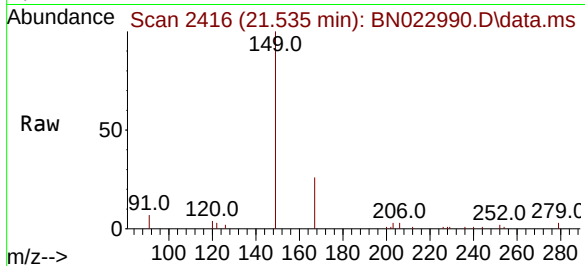




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.478 ng
 RT: 21.535 min Scan# 2416
 Delta R.T. -0.004 min
 Lab File: BN022990.D
 Acq: 30 Nov 2022 17:36

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20221118

Tgt Ion:	149	Resp:	8575
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.3	31.9
279	2.4	2.3	3.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.115 min Scan# 3098
 Delta R.T. 0.002 min
 Lab File: BN022990.D
 Acq: 30 Nov 2022 17:36

Tgt Ion:	264	Resp:	7424
Ion Ratio	Lower	Upper	
264	100		
260	27.8	21.7	32.5
265	69.2	31.0	46.4

