

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051722\
 Data File : BN019821.D
 Acq On : 17 May 2022 15:01
 Operator : CG/JU
 Sample : N2836-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20220512

Quant Time: May 18 03:53:44 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 03:50:55 2022
 Response via : Initial Calibration

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

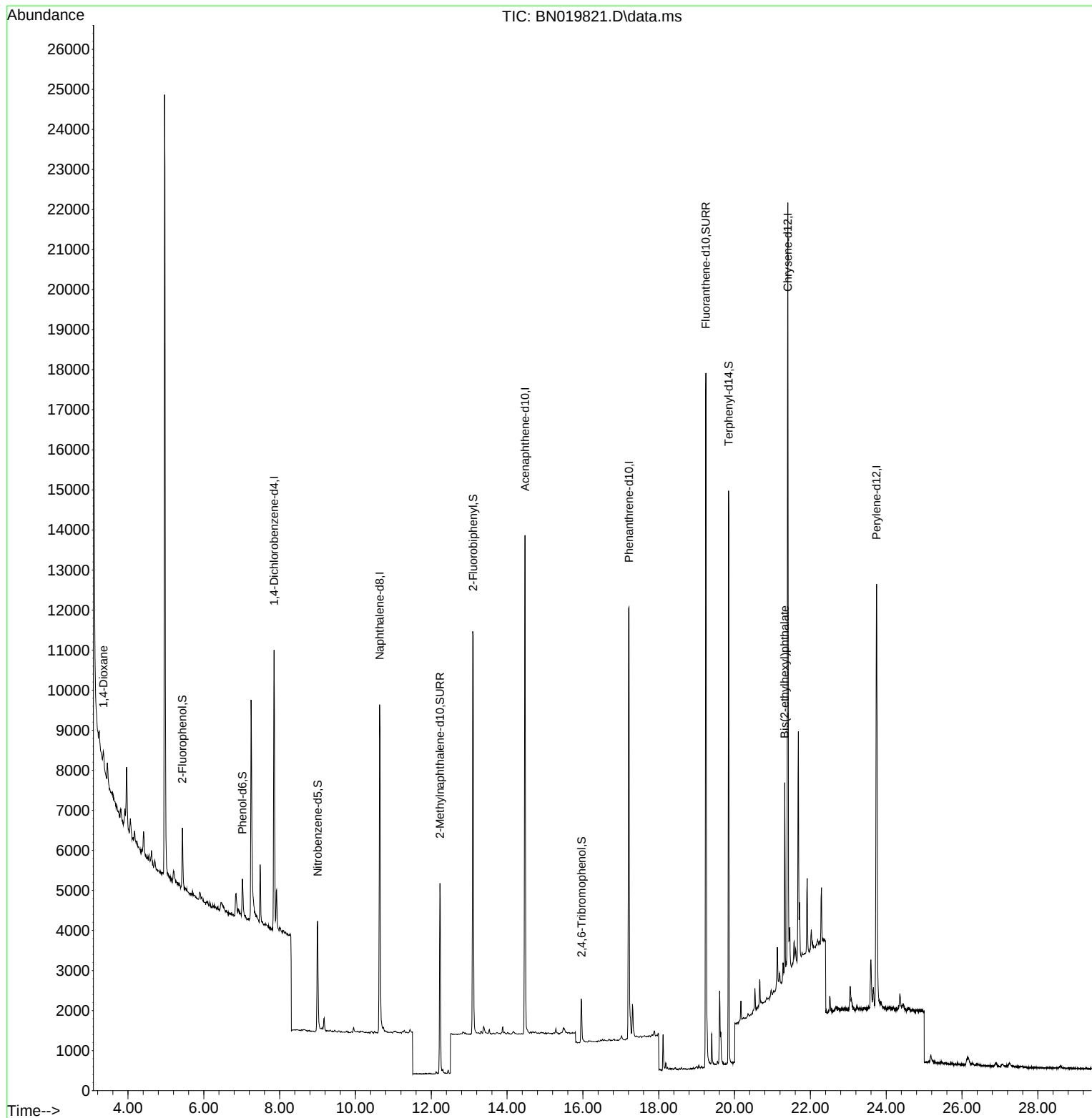
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3691	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	11938	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	7339	0.400	ng	0.01
19) Phenanthrene-d10	17.215	188	16796	0.400	ng	0.01
29) Chrysene-d12	21.404	240	18221	0.400	ng	# 0.00
35) Perylene-d12	23.747	264	16333	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1326	0.144	ng	0.00
5) Phenol-d6	7.017	99	872	0.075	ng	0.00
8) Nitrobenzene-d5	9.003	82	2674	0.297	ng	0.01
11) 2-Methylnaphthalene-d10	12.231	152	6967	0.335	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	694	0.239	ng	0.01
15) 2-Fluorobiphenyl	13.105	172	10036	0.313	ng	0.01
27) Fluoranthene-d10	19.244	212	20421	0.428	ng	0.00
31) Terphenyl-d14	19.843	244	16065	0.374	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.355	88	145	0.033	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.324	149	4559	0.165	ng	99

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

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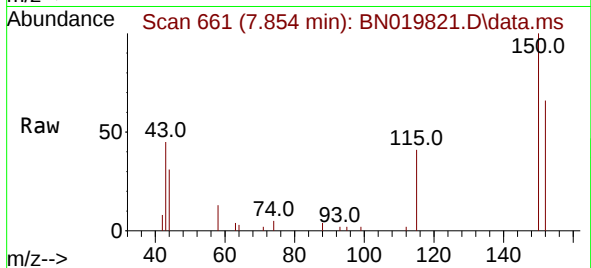
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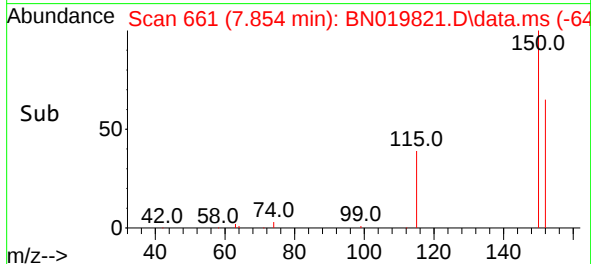
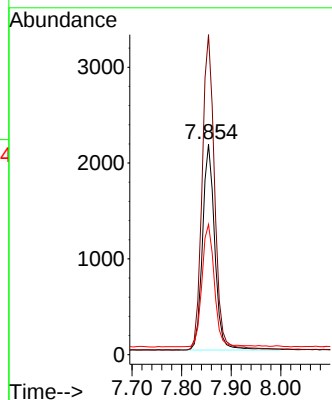


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.007 min
 Lab File: BN019821.D
 Acq: 17 May 2022 15:01

Instrument :
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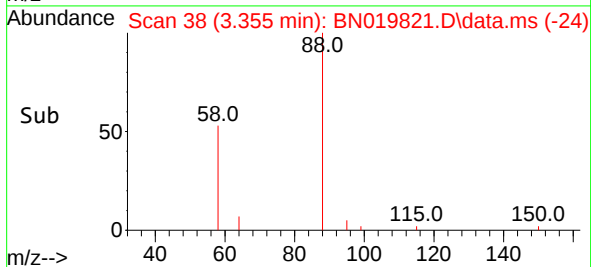
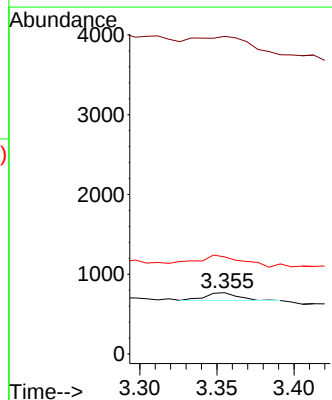
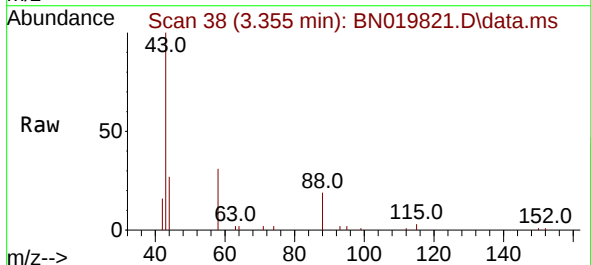


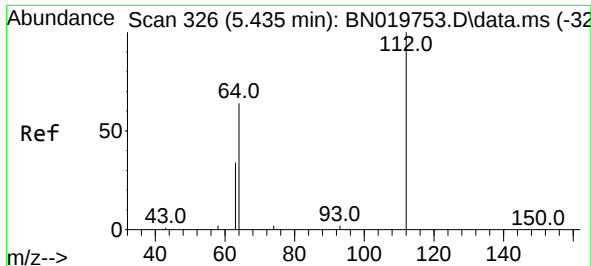
Tgt Ion: 152 Resp: 3691
 Ion Ratio Lower Upper
 152 100
 150 152.0 127.9 191.9
 115 61.9 51.4 77.2



#2
 1,4-Dioxane
 Concen: 0.033 ng
 RT: 3.355 min Scan# 38
 Delta R.T. -0.000 min
 Lab File: BN019821.D
 Acq: 17 May 2022 15:01

Tgt Ion: 88 Resp: 145
 Ion Ratio Lower Upper
 88 100
 43 0.0 30.2 45.2#
 58 220.7 73.0 109.6#

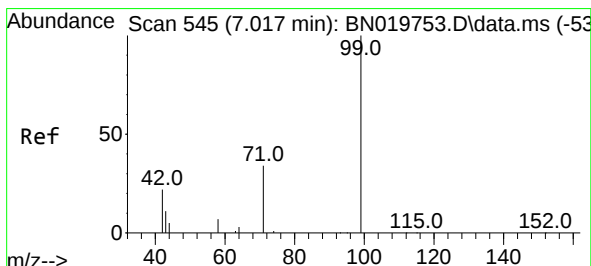
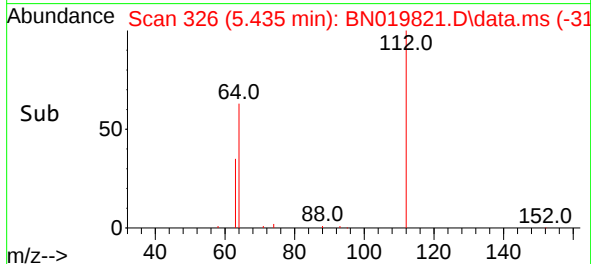
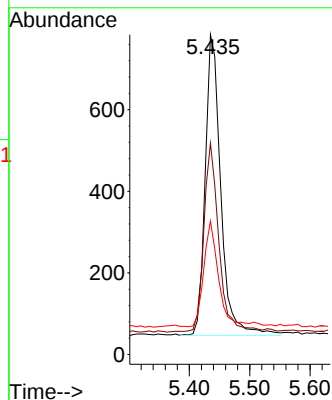
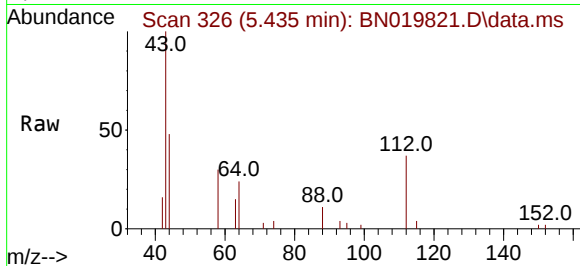




#4
2-Fluorophenol
Concen: 0.144 ng
RT: 5.435 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN019821.D
Acq: 17 May 2022 15:01

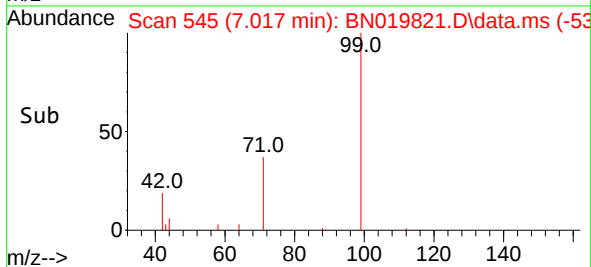
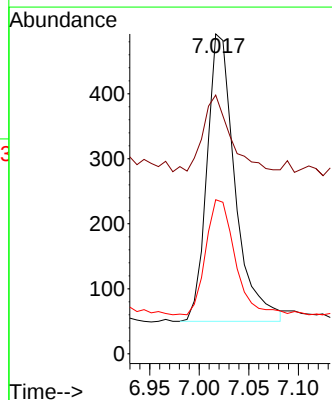
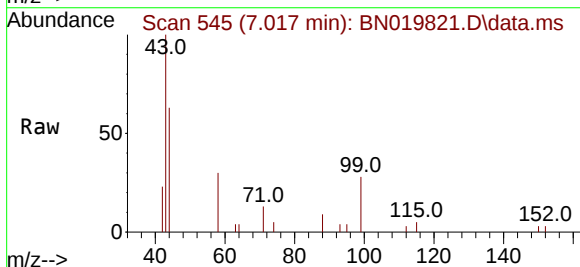
Instrument :
BNA_N
ClientSampleId :
SP-303-20220512

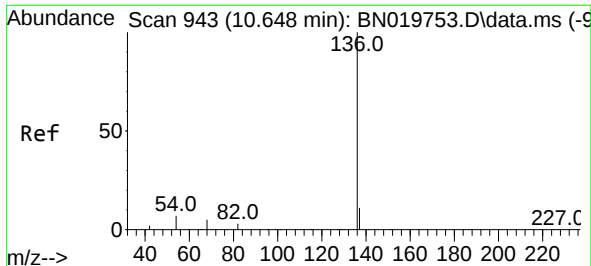
Tgt Ion:112 Resp: 1326
Ion Ratio Lower Upper
112 100
64 60.6 49.1 73.7
63 33.9 26.3 39.5



#5
Phenol-d6
Concen: 0.075 ng
RT: 7.017 min Scan# 545
Delta R.T. 0.007 min
Lab File: BN019821.D
Acq: 17 May 2022 15:01

Tgt Ion: 99 Resp: 872
Ion Ratio Lower Upper
99 100
42 26.3 19.3 28.9
71 41.6 27.5 41.3#

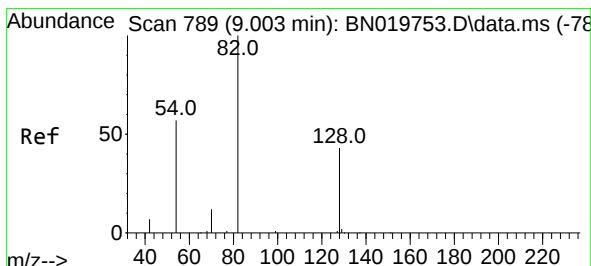
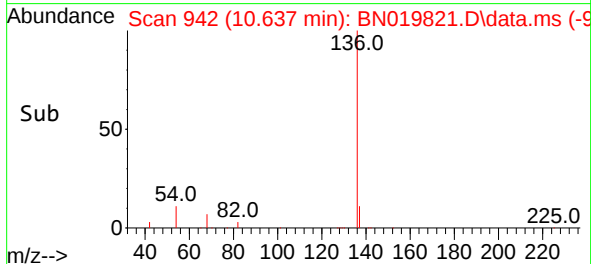
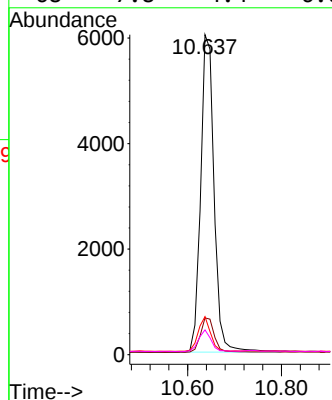
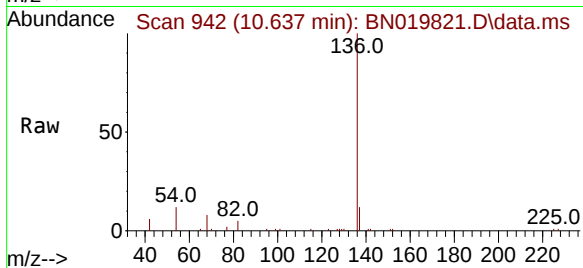




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019821.D
Acq: 17 May 2022 15:01

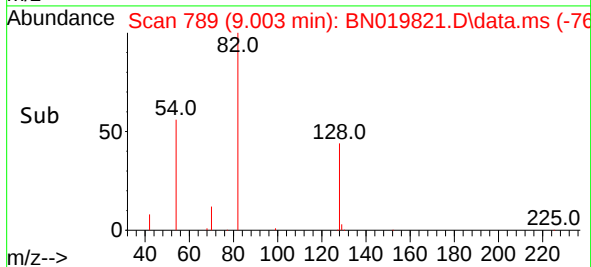
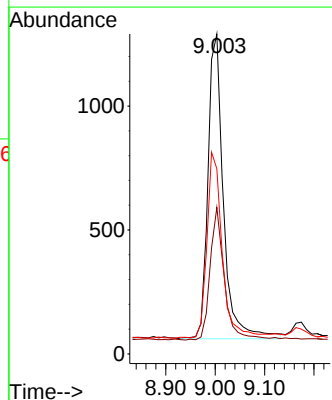
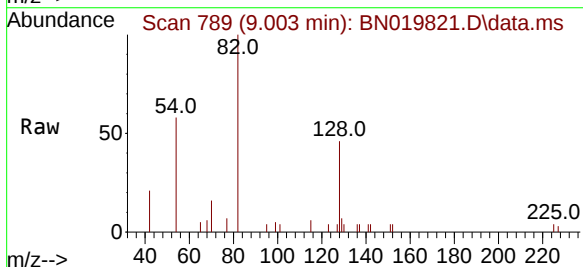
Instrument :
BNA_N
ClientSampleId :
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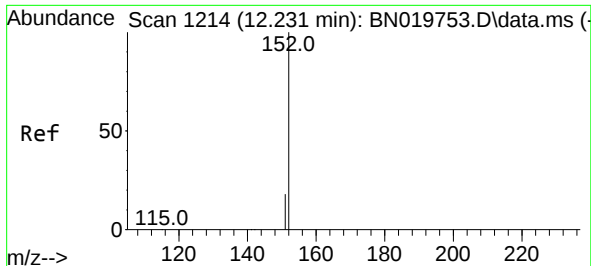
Tgt Ion:	136	Resp:	11938
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.6
54	11.9	6.2	9.2#
68	7.8	4.4	6.6#



#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.011 min
Lab File: BN019821.D
Acq: 17 May 2022 15:01

Tgt Ion:	82	Resp:	2674
Ion Ratio	Lower	Upper	
82	100		
128	45.8	35.0	52.6
54	57.9	46.2	69.4

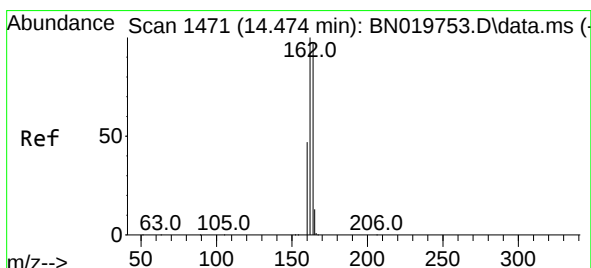
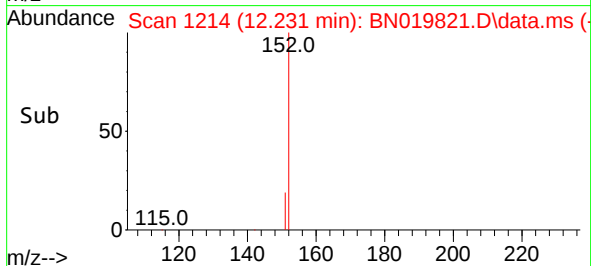
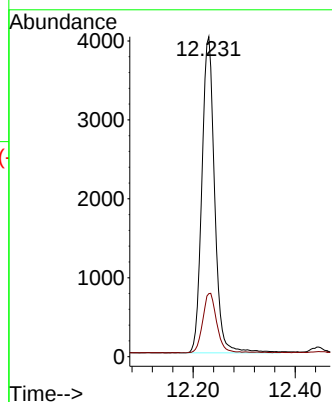
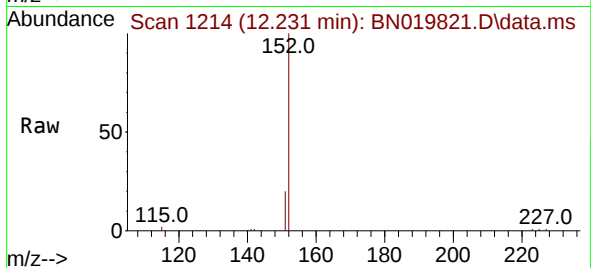




#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.231 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN019821.D
Acq: 17 May 2022 15:01

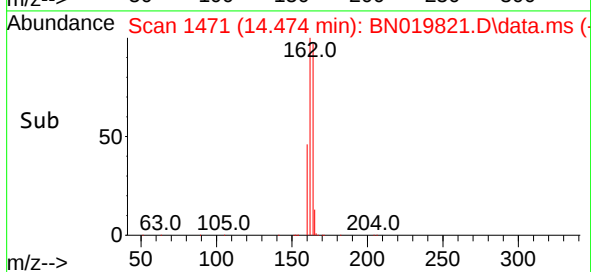
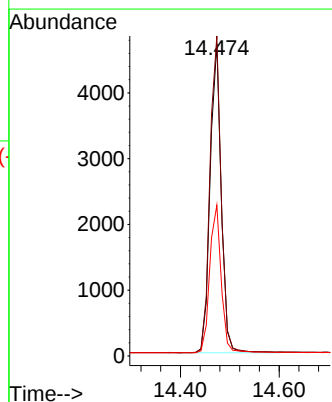
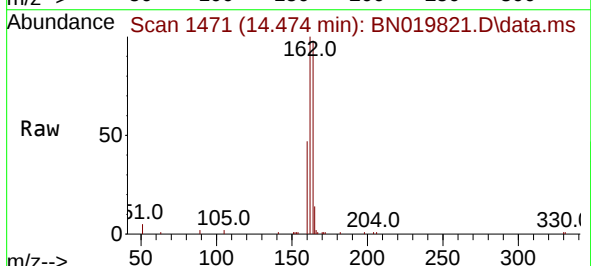
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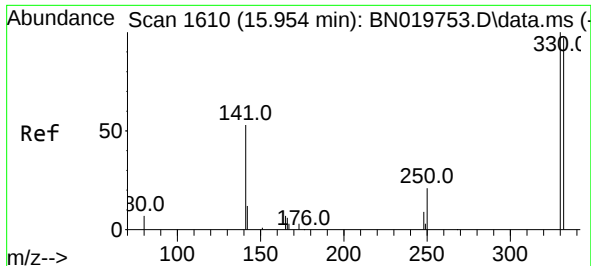
Tgt Ion:152 Resp: 6967
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. 0.011 min
Lab File: BN019821.D
Acq: 17 May 2022 15:01

Tgt Ion:164 Resp: 7339
Ion Ratio Lower Upper
164 100
162 102.5 82.1 123.1
160 48.3 38.6 58.0

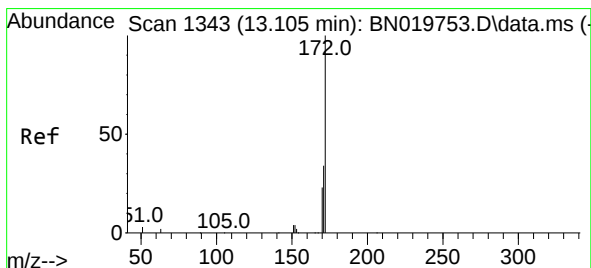
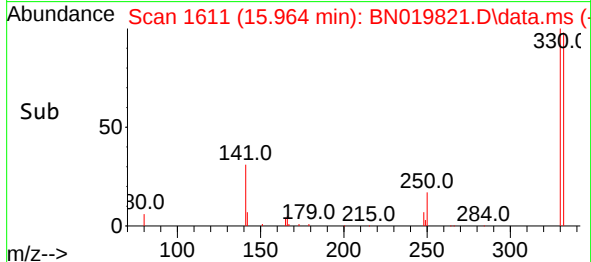
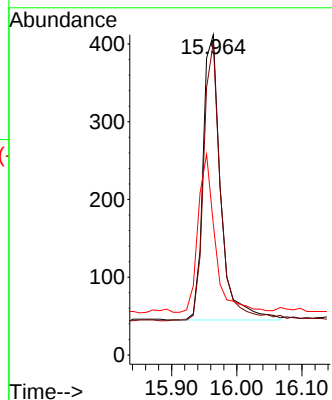
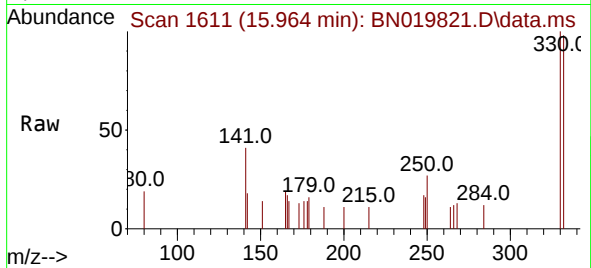




#14
2,4,6-Tribromophenol
Concen: 0.239 ng
RT: 15.964 min Scan# 1611
Delta R.T. 0.010 min
Lab File: BN019821.D
Acq: 17 May 2022 15:01

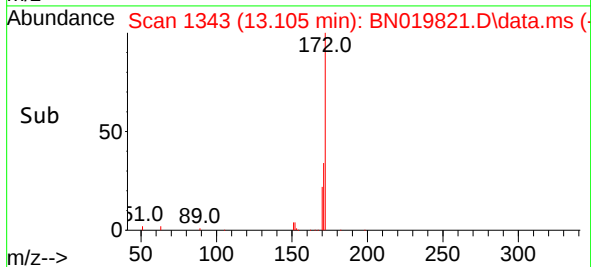
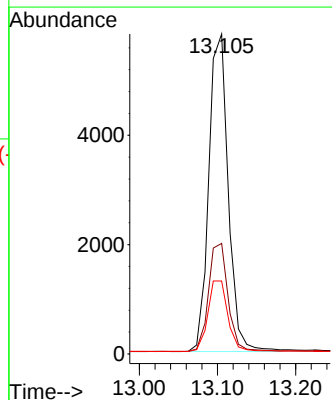
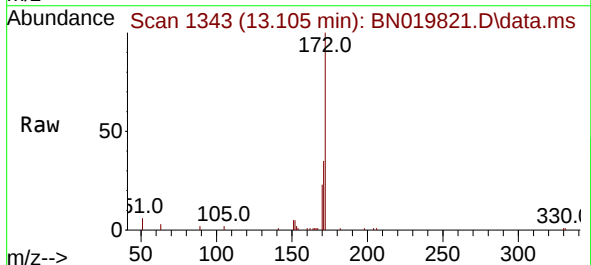
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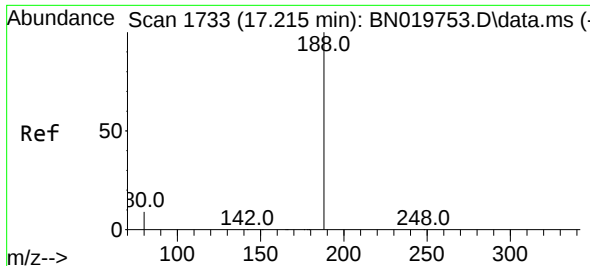
Tgt Ion: 330 Resp: 694
Ion Ratio Lower Upper
330 100
332 95.2 77.6 116.4
141 53.2 41.0 61.4



#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 13.105 min Scan# 1343
Delta R.T. 0.011 min
Lab File: BN019821.D
Acq: 17 May 2022 15:01

Tgt Ion: 172 Resp: 10036
Ion Ratio Lower Upper
172 100
171 34.6 27.2 40.8
170 22.8 18.2 27.4

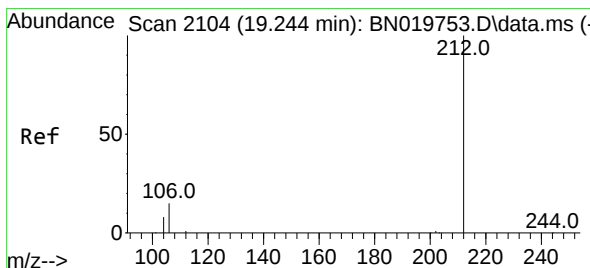
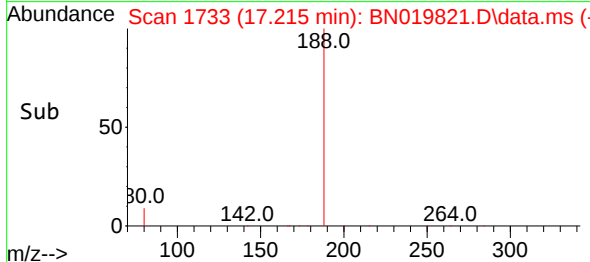
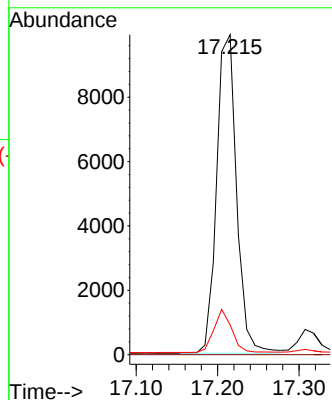
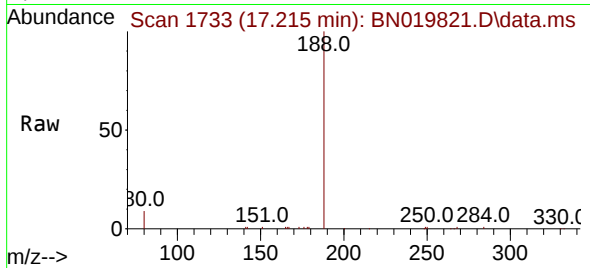




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN019821.D
Acq: 17 May 2022 15:01

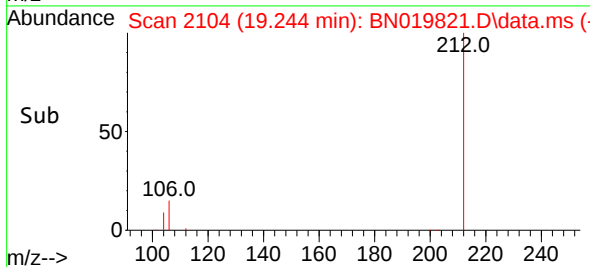
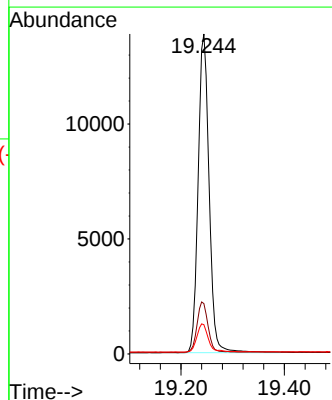
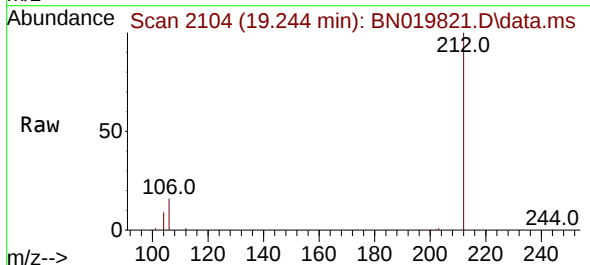
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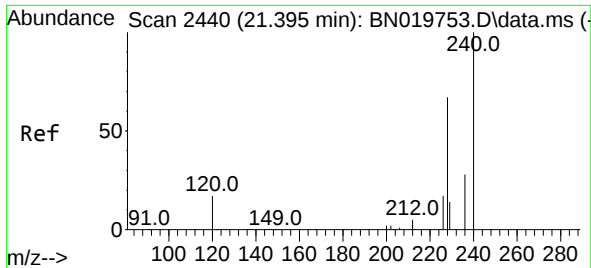
Tgt Ion:188 Resp: 16796
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 7.4 11.2



#27
Fluoranthene-d10
Concen: 0.428 ng
RT: 19.244 min Scan# 2104
Delta R.T. 0.004 min
Lab File: BN019821.D
Acq: 17 May 2022 15:01

Tgt Ion:212 Resp: 20421
Ion Ratio Lower Upper
212 100
106 15.9 12.6 19.0
104 9.3 7.2 10.8

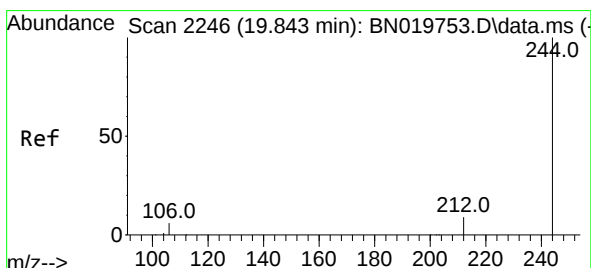
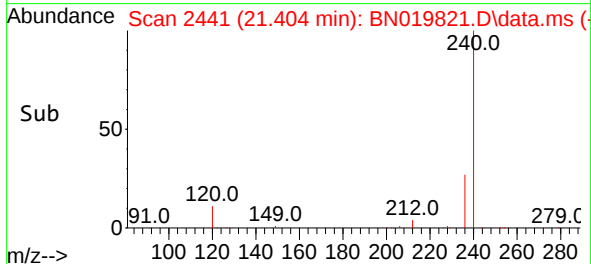
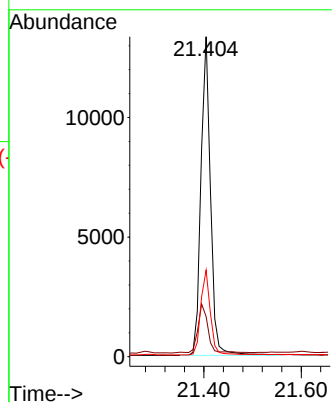
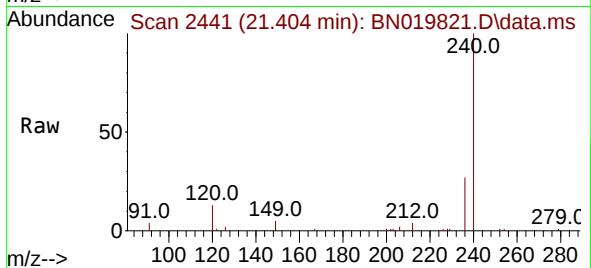




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN019821.D
Acq: 17 May 2022 15:01

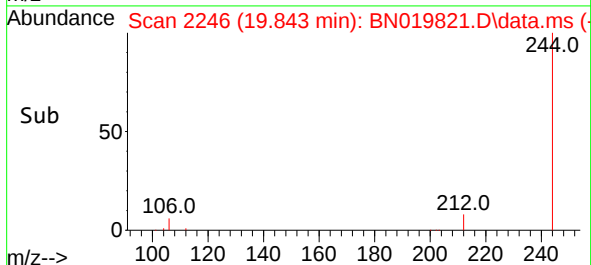
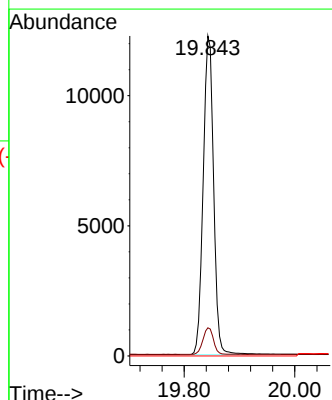
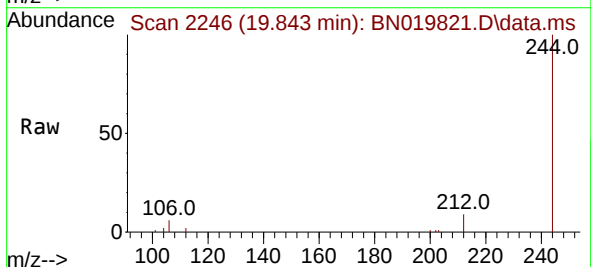
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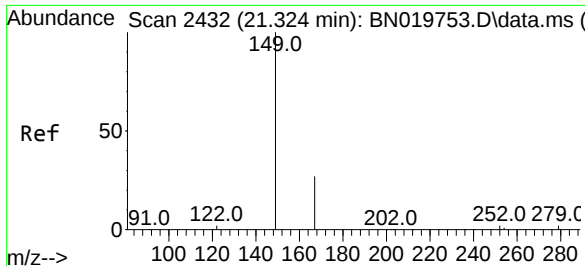
Tgt Ion:240 Resp: 18221
Ion Ratio Lower Upper
240 100
120 12.6 14.6 21.8#
236 27.1 22.6 33.8



#31
Terphenyl-d14
Concen: 0.374 ng
RT: 19.843 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BN019821.D
Acq: 17 May 2022 15:01

Tgt Ion:244 Resp: 16065
Ion Ratio Lower Upper
244 100
212 8.8 7.1 10.7
122 0.0 0.0 0.0

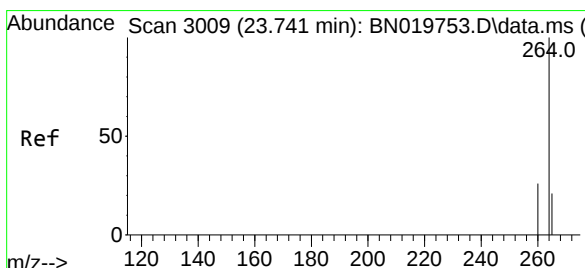
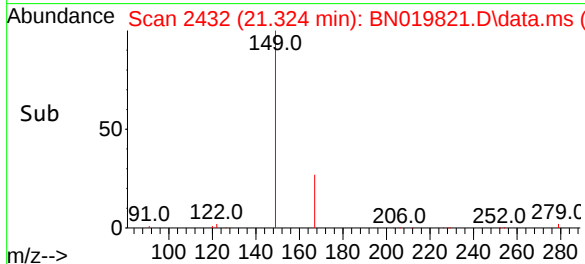
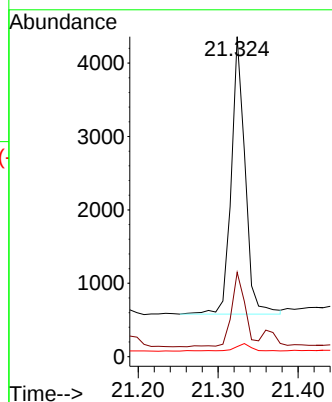
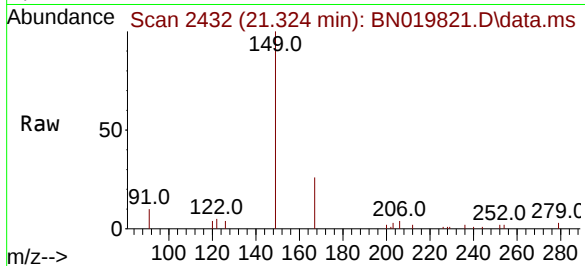




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.165 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN019821.D
Acq: 17 May 2022 15:01

Instrument :
BNA_N
ClientSampleId :
SP-303-20220512

Tgt Ion:149 Resp: 4559
Ion Ratio Lower Upper
149 100
167 26.5 21.7 32.5
279 3.1 2.2 3.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.747 min Scan# 3011
Delta R.T. 0.006 min
Lab File: BN019821.D
Acq: 17 May 2022 15:01

Tgt Ion:264 Resp: 16333
Ion Ratio Lower Upper
264 100
260 25.7 20.9 31.3
265 30.5 28.0 42.0

