

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032422\
 Data File : BN019131.D
 Acq On : 24 Mar 2022 18:08
 Operator : CG/JU
 Sample : N2074-08DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20220319DL

Quant Time: Mar 28 04:16:02 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

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

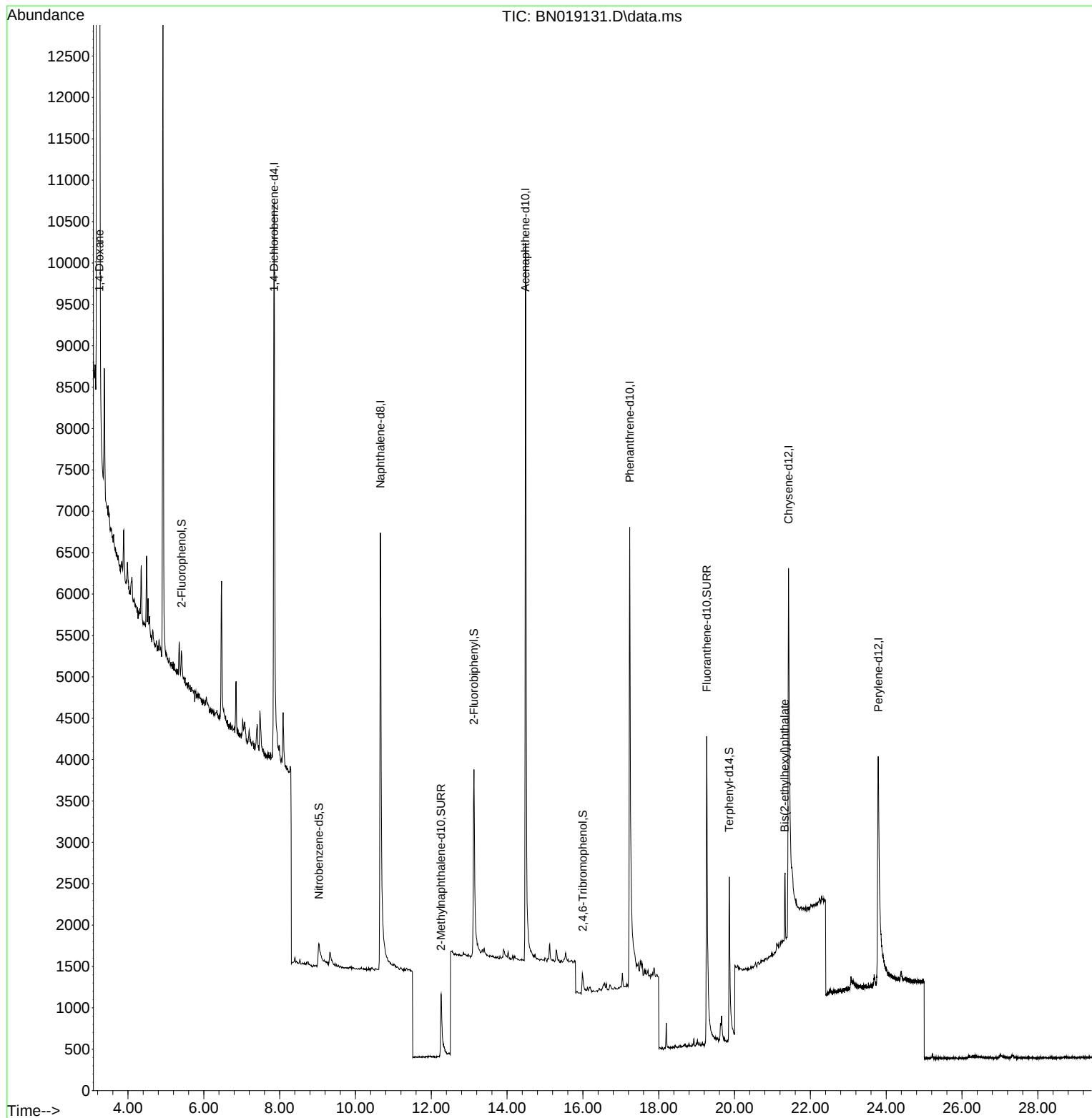
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4250	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	10577	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	6447	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	12818	0.400	ng	0.00
29) Chrysene-d12	21.422	240	9679	0.400	ng	# 0.00
35) Perylene-d12	23.790	264	6945	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	419	0.044	ng	0.00
5) Phenol-d6	7.031	99	179	0.018	ng	0.02
8) Nitrobenzene-d5	9.035	82	604	0.079	ng	0.02
11) 2-Methylnaphthalene-d10	12.257	152	1980	0.113	ng	0.00
14) 2,4,6-Tribromophenol	15.995	330	240	0.077	ng	0.01
15) 2-Fluorobiphenyl	13.127	172	2973	0.115	ng	0.00
27) Fluoranthene-d10	19.265	212	6687	0.176	ng	0.00
31) Terphenyl-d14	19.860	244	3961	0.167	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.246	88	15655	2.980	ng	99
34) Bis(2-ethylhexyl)phtha...	21.324	149	845	0.043	ng	# 96

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

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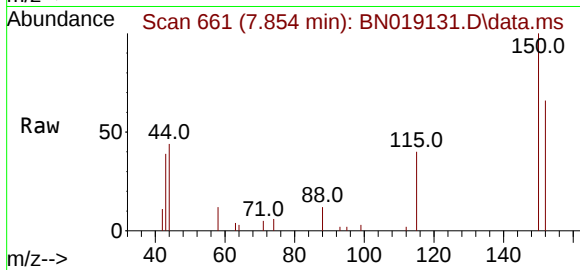
Quant Time: Mar 28 04:16:02 2022
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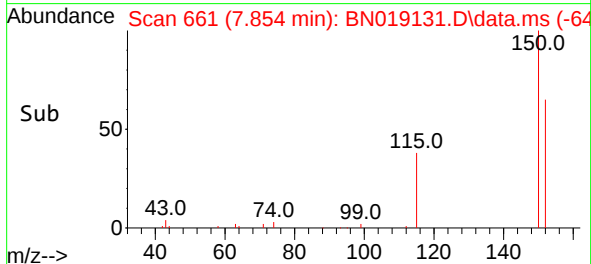
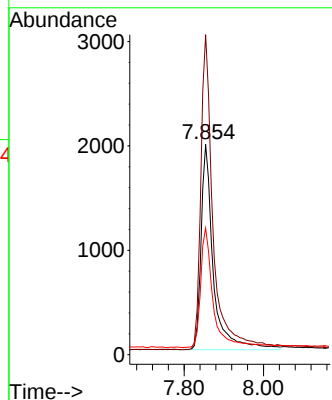


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.000 min
 Lab File: BN019131.D
 Acq: 24 Mar 2022 18:08

Instrument :
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 ClientSampleId :
 DUP04-20220319DL

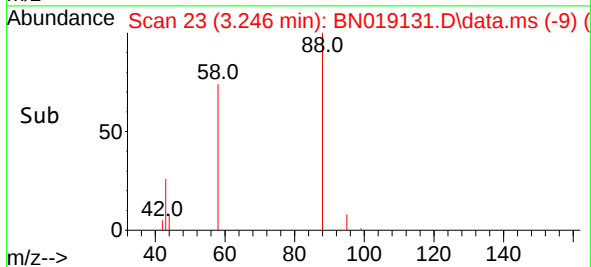
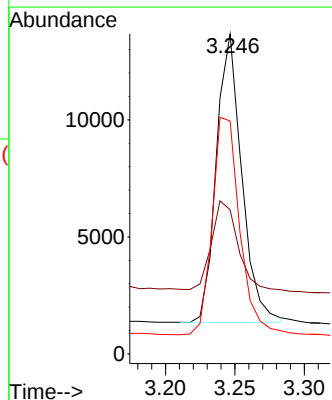
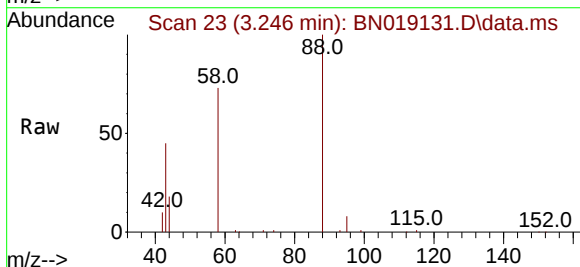


Tgt Ion:152 Resp: 4250
 Ion Ratio Lower Upper
 152 100
 150 152.2 123.9 185.9
 115 60.1 48.2 72.4



#2
 1,4-Dioxane
 Concen: 2.980 ng
 RT: 3.246 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: BN019131.D
 Acq: 24 Mar 2022 18:08

Tgt Ion: 88 Resp: 15655
 Ion Ratio Lower Upper
 88 100
 43 31.4 24.6 37.0
 58 81.5 65.4 98.2

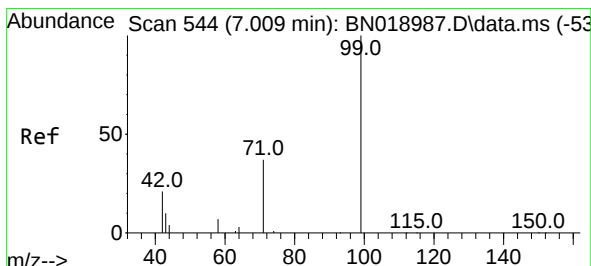
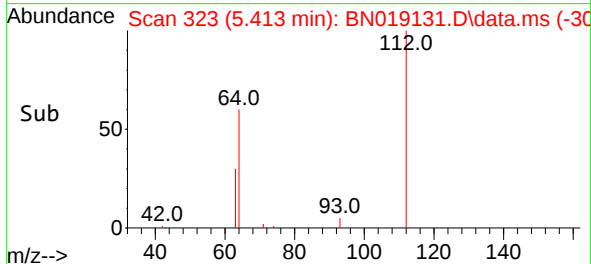
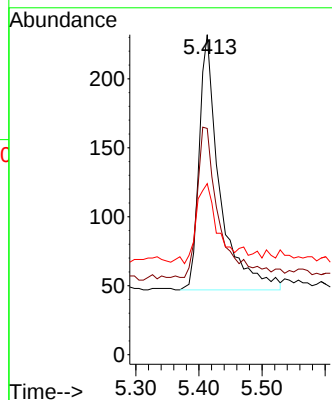
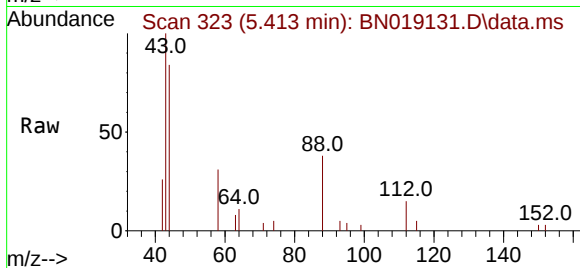




#4
2-Fluorophenol
Concen: 0.044 ng
RT: 5.413 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN019131.D
Acq: 24 Mar 2022 18:08

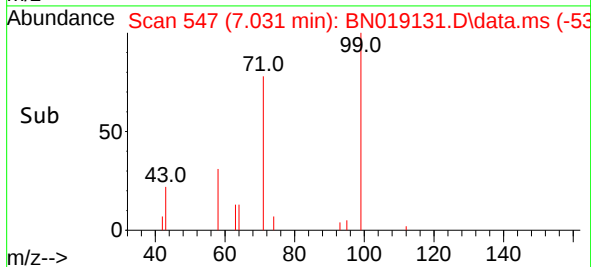
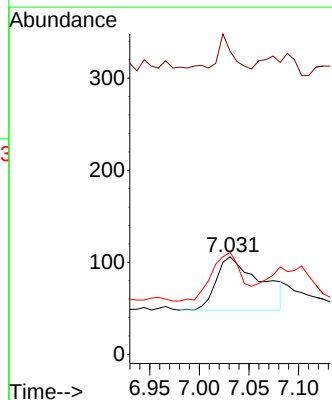
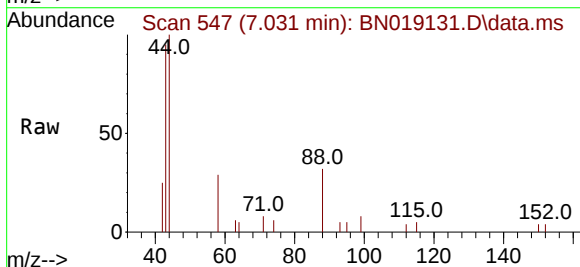
Instrument :
BNA_N
ClientSampleId :
DUP04-20220319DL

Tgt Ion:112 Resp: 419
Ion Ratio Lower Upper
112 100
64 62.1 47.8 71.8
63 30.3 25.7 38.5



#5
Phenol-d6
Concen: 0.018 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.022 min
Lab File: BN019131.D
Acq: 24 Mar 2022 18:08

Tgt Ion: 99 Resp: 179
Ion Ratio Lower Upper
99 100
42 17.9 16.2 24.4
71 60.9 27.7 41.5#

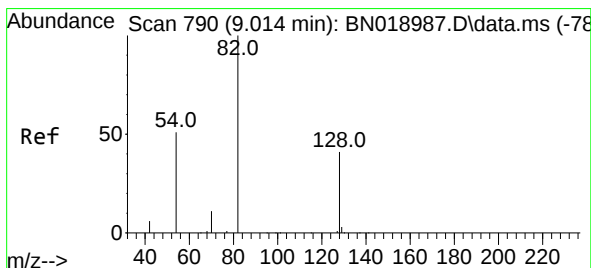
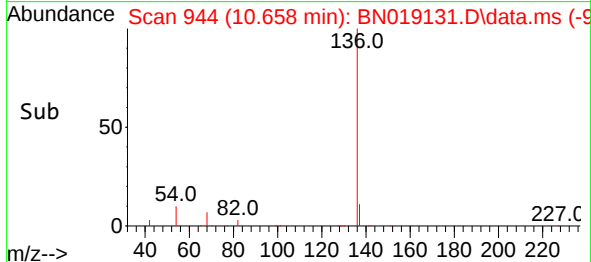
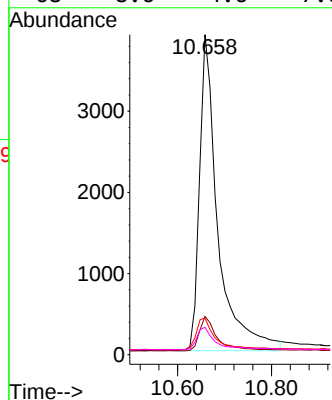
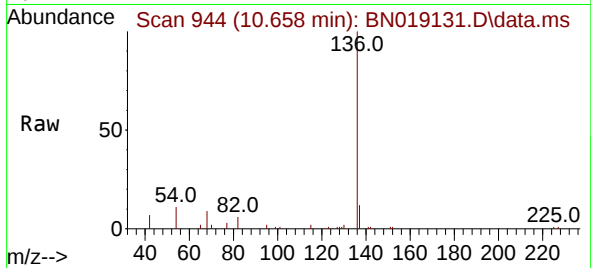




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019131.D
Acq: 24 Mar 2022 18:08

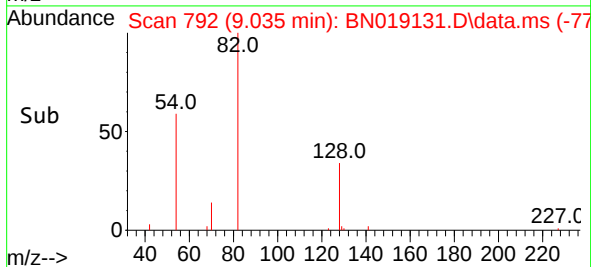
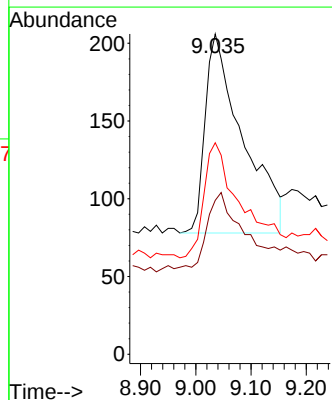
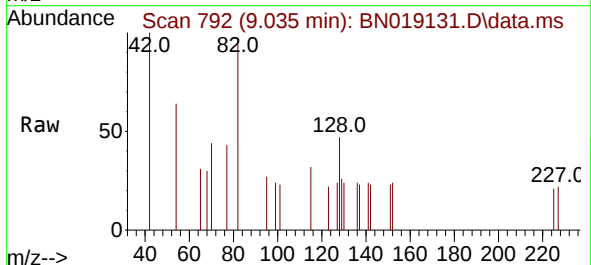
Instrument :
BNA_N
ClientSampleId :
DUP04-20220319DL

Tgt Ion:	136	Resp:	10577
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.0	13.4
54	11.5	5.8	8.6#
68	8.6	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.079 ng
RT: 9.035 min Scan# 792
Delta R.T. 0.021 min
Lab File: BN019131.D
Acq: 24 Mar 2022 18:08

Tgt Ion:	82	Resp:	604
Ion Ratio	Lower	Upper	
82	100		
128	48.1	33.0	49.6
54	66.0	42.5	63.7#

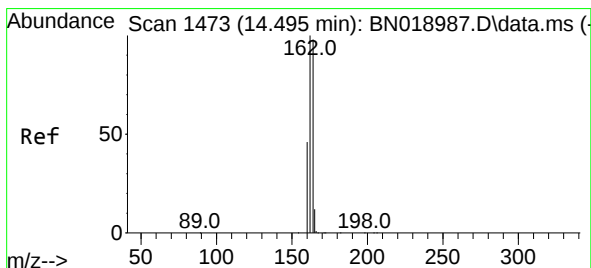
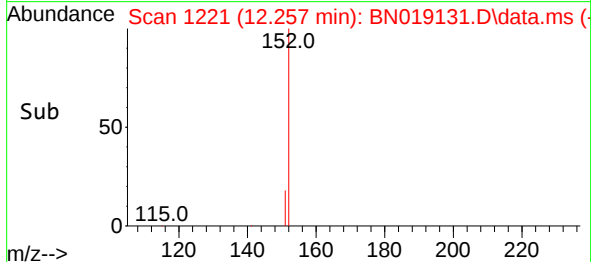
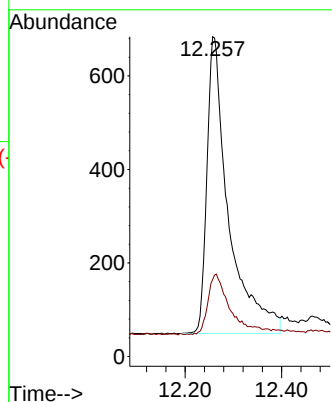
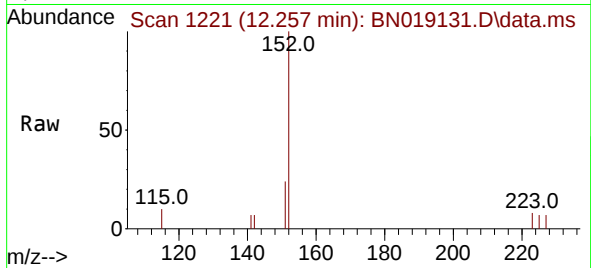




#11
2-Methylnaphthalene-d10
Concen: 0.113 ng
RT: 12.257 min Scan# 11
Delta R.T. 0.007 min
Lab File: BN019131.D
Acq: 24 Mar 2022 18:08

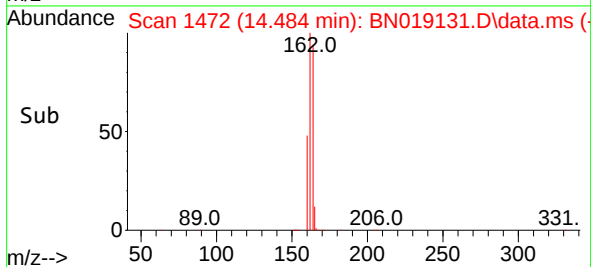
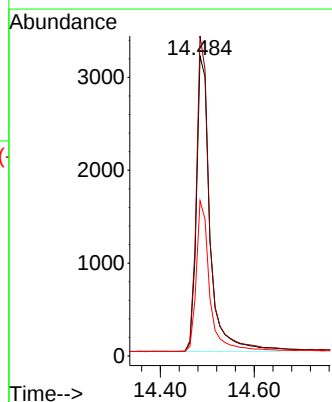
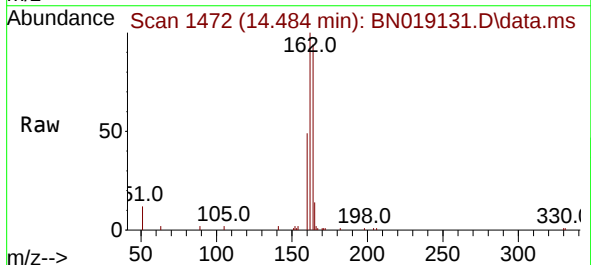
Instrument :
BNA_N
ClientSampleId :
DUP04-20220319DL

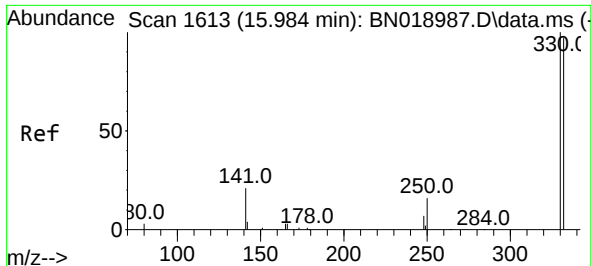
Tgt Ion:152 Resp: 1980
Ion Ratio Lower Upper
152 100
151 20.7 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019131.D
Acq: 24 Mar 2022 18:08

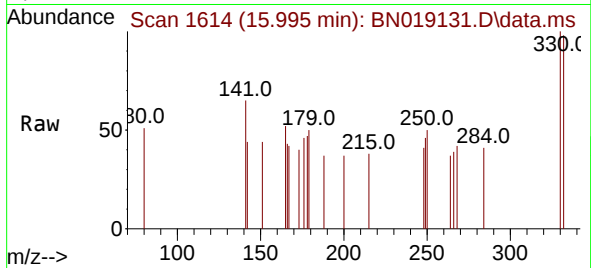
Tgt Ion:164 Resp: 6447
Ion Ratio Lower Upper
164 100
162 106.7 85.2 127.8
160 51.8 41.5 62.3



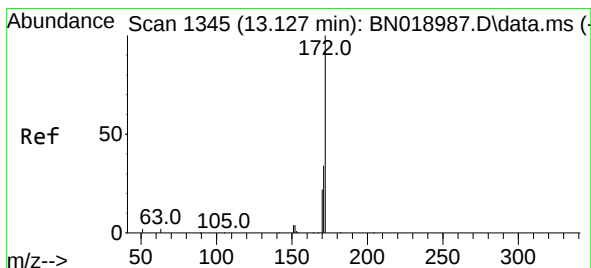
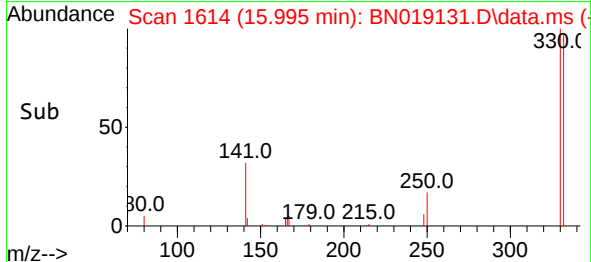
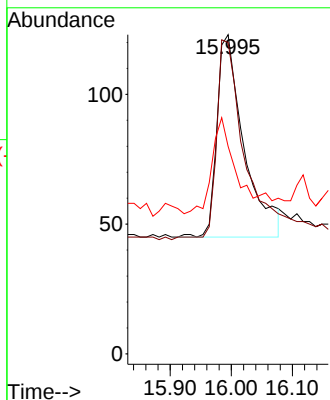


#14
2,4,6-Tribromophenol
Concen: 0.077 ng
RT: 15.995 min Scan# 1614
Delta R.T. 0.010 min
Lab File: BN019131.D
Acq: 24 Mar 2022 18:08

Instrument :
BNA_N
ClientSampleId :
DUP04-20220319DL

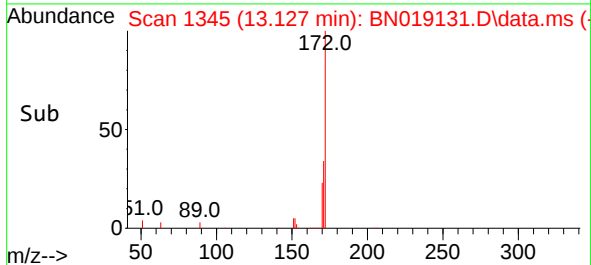
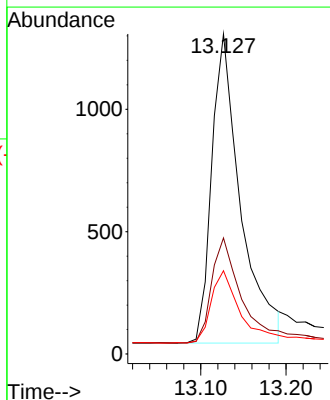
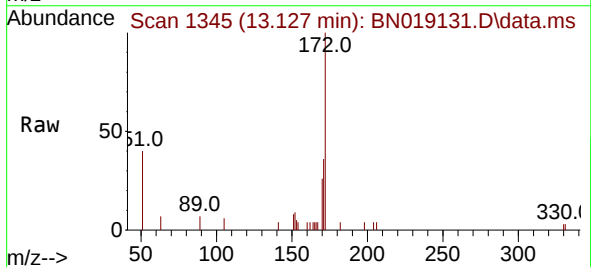


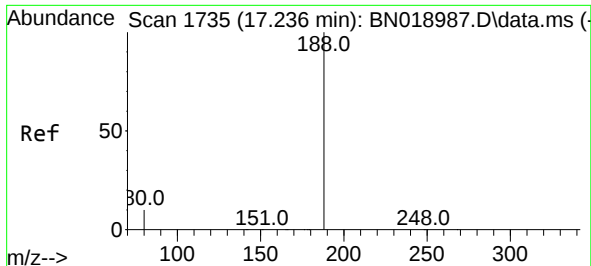
Tgt Ion:330 Resp: 240
Ion Ratio Lower Upper
330 100
332 96.3 76.8 115.2
141 45.0 32.2 48.2



#15
2-Fluorobiphenyl
Concen: 0.115 ng
RT: 13.127 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BN019131.D
Acq: 24 Mar 2022 18:08

Tgt Ion:172 Resp: 2973
Ion Ratio Lower Upper
172 100
171 36.2 28.2 42.2
170 26.0 18.7 28.1

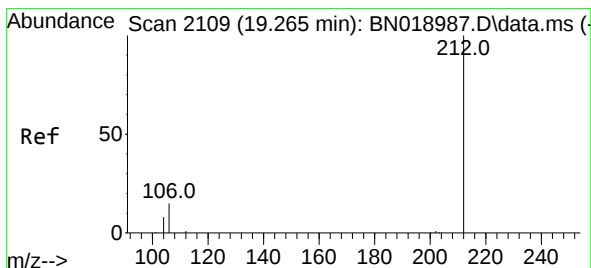
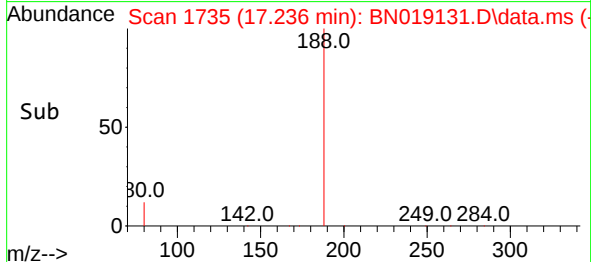
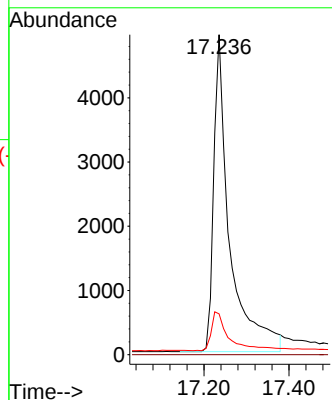
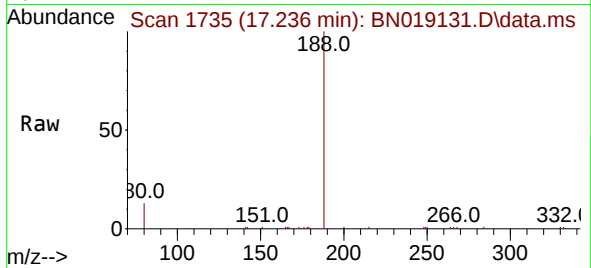




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN019131.D
Acq: 24 Mar 2022 18:08

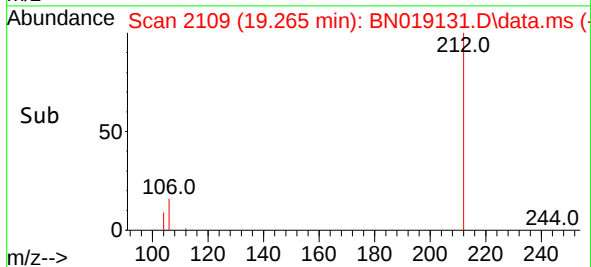
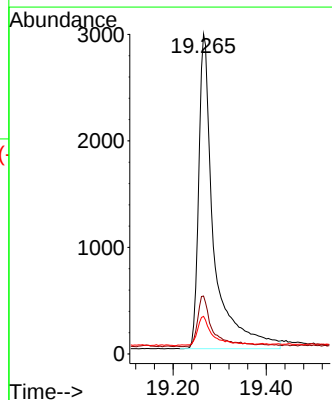
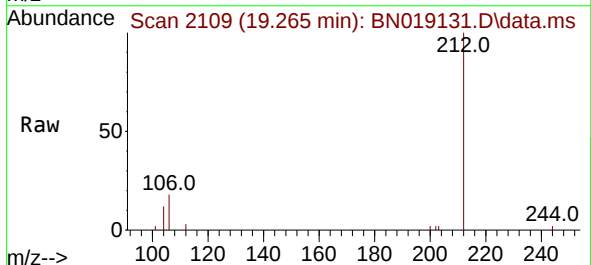
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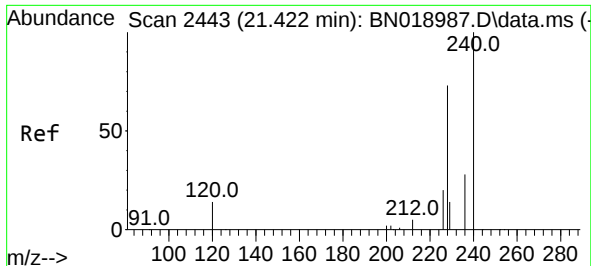
Tgt Ion:188 Resp: 12818
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 11.8 17.8



#27
Fluoranthene-d10
Concen: 0.176 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN019131.D
Acq: 24 Mar 2022 18:08

Tgt Ion:212 Resp: 6687
Ion Ratio Lower Upper
212 100
106 14.7 12.7 19.1
104 8.6 7.1 10.7

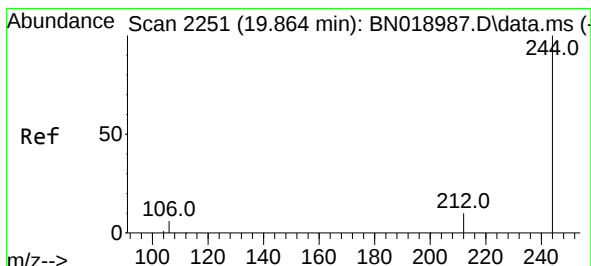
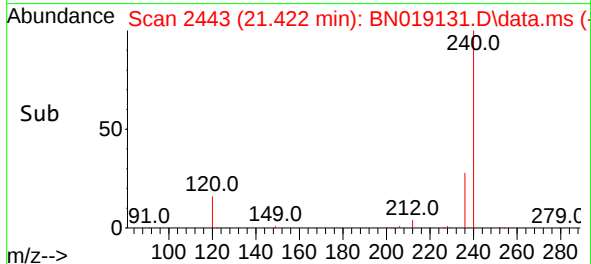
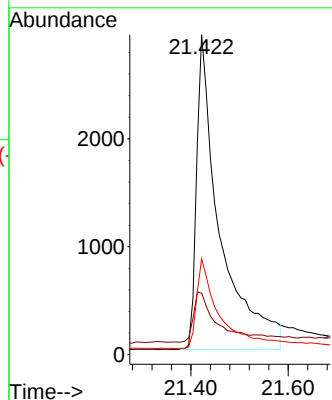
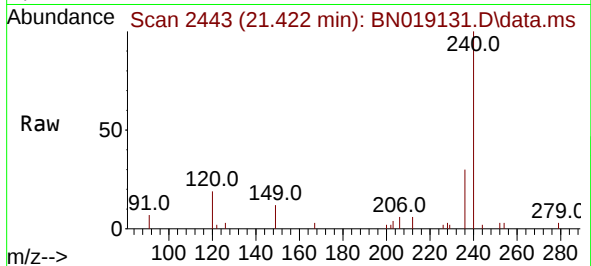




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN019131.D
Acq: 24 Mar 2022 18:08

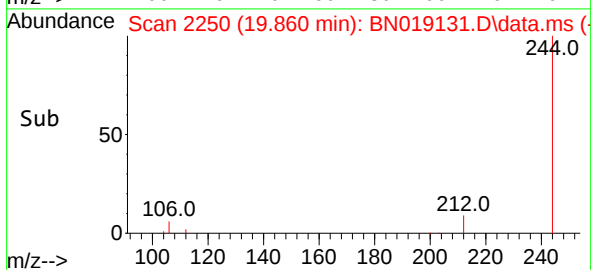
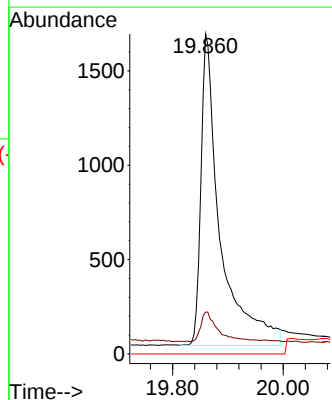
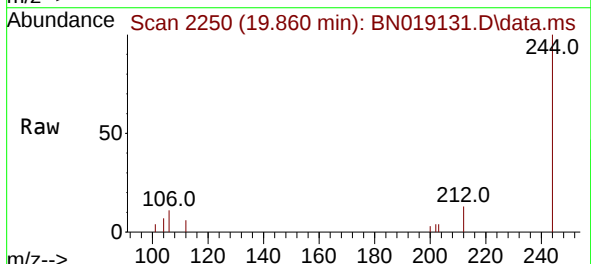
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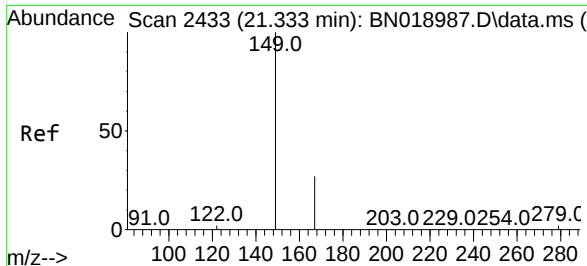
Tgt Ion:240 Resp: 9679
Ion Ratio Lower Upper
240 100
120 19.3 8.5 12.7#
236 29.9 22.4 33.6



#31
Terphenyl-d14
Concen: 0.167 ng
RT: 19.860 min Scan# 2250
Delta R.T. -0.004 min
Lab File: BN019131.D
Acq: 24 Mar 2022 18:08

Tgt Ion:244 Resp: 3961
Ion Ratio Lower Upper
244 100
212 13.0 8.2 12.4#
122 0.0 0.0 0.0

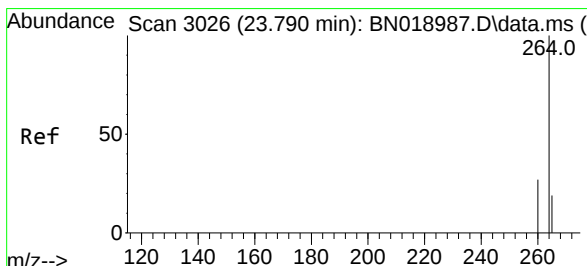
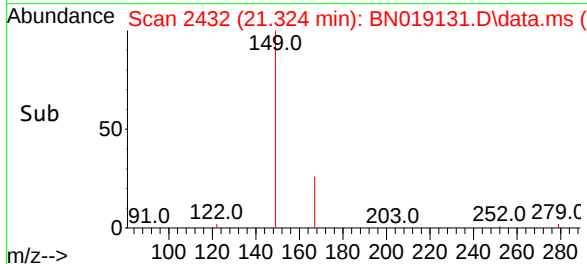
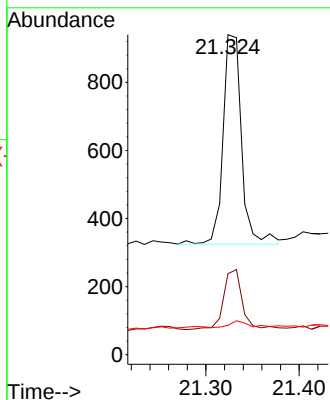
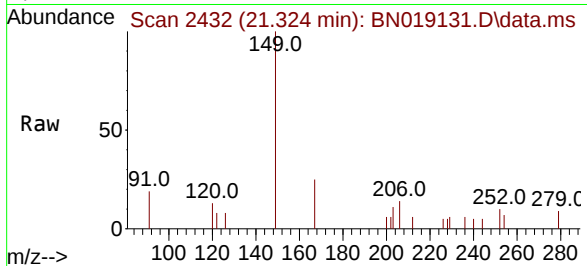




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.043 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019131.D
Acq: 24 Mar 2022 18:08

Instrument :
BNA_N
ClientSampleId :
DUP04-20220319DL

Tgt Ion:149 Resp: 845
Ion Ratio Lower Upper
149 100
167 29.5 21.8 32.8
279 3.2 2.0 3.0#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.790 min Scan# 3026
Delta R.T. -0.000 min
Lab File: BN019131.D
Acq: 24 Mar 2022 18:08

Tgt Ion:264 Resp: 6945
Ion Ratio Lower Upper
264 100
260 28.5 22.4 33.6
265 50.4 25.3 37.9#

