

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012622\
 Data File : BN018476.D
 Acq On : 26 Jan 2022 14:26
 Operator : CG/JU
 Sample : PB142252BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB142252BL

Quant Time: Jan 27 05:35:19 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN012422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 24 18:25:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	31316	0.400	ng	0.00
7) Naphthalene-d8	10.749	136	134128	0.400	ng	#-0.01
13) Acenaphthene-d10	14.573	164	72482	0.400	ng	0.00
19) Phenanthrene-d10	17.310	188	133012	0.400	ng	# 0.00
29) Chrysene-d12	21.472	240	106317	0.400	ng	#-0.02
35) Perylene-d12	23.882	264	88051	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.531	112	30657	0.395	ng	0.02
5) Phenol-d6	7.108	99	29751	0.352	ng	0.00
8) Nitrobenzene-d5	9.101	82	33652	0.435	ng	-0.01
11) 2-Methylnaphthalene-d10	12.336	152	79830	0.355	ng	-0.01
14) 2,4,6-Tribromophenol	16.044	330	4984	0.228	ng	-0.01
15) 2-Fluorobiphenyl	13.203	172	112161	0.431	ng	-0.01
27) Fluoranthene-d10	19.331	212	140163	0.349	ng	0.00
31) Terphenyl-d14	19.927	244	121701	0.368	ng	0.00

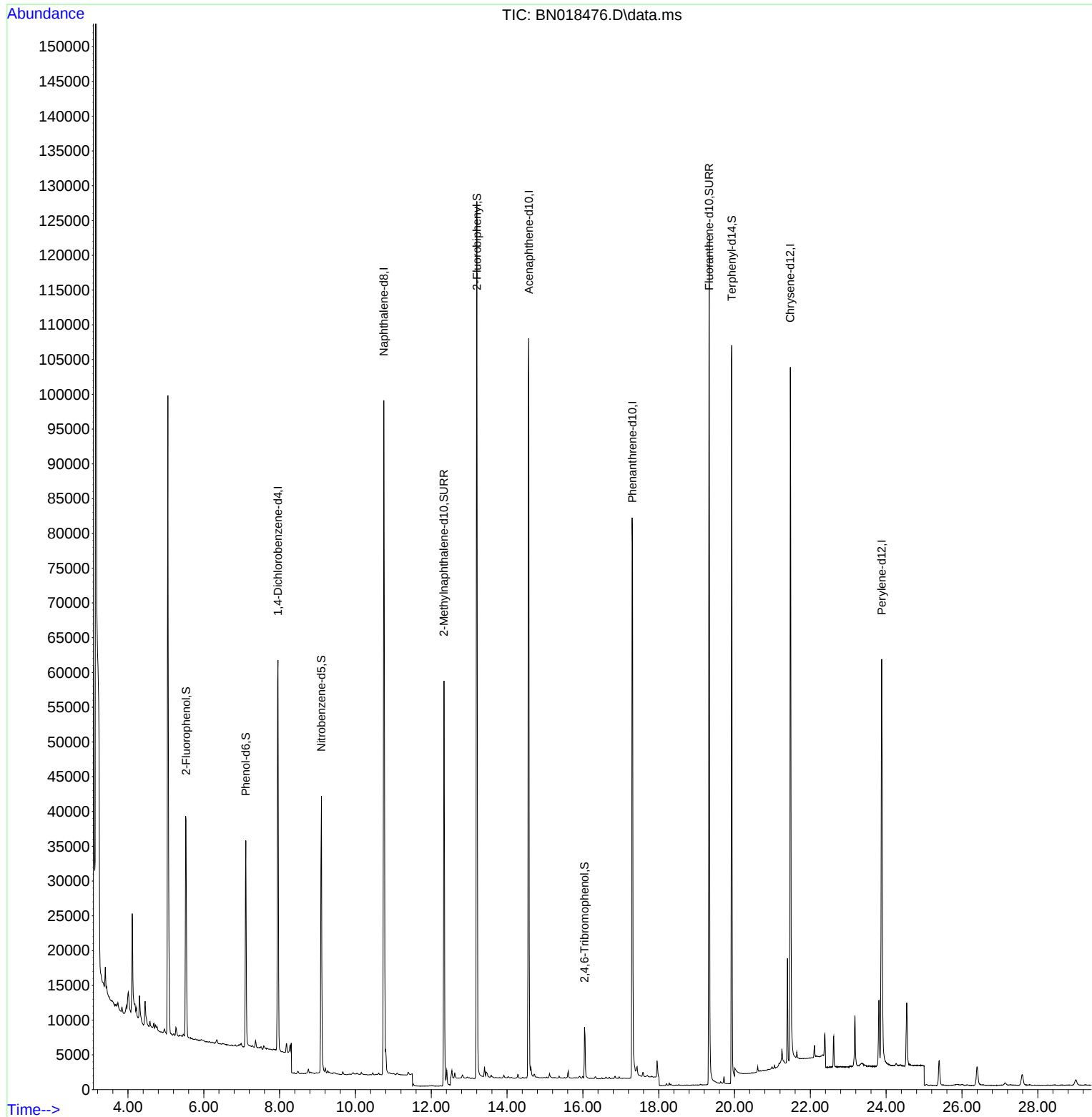
Target Compounds Qvalue

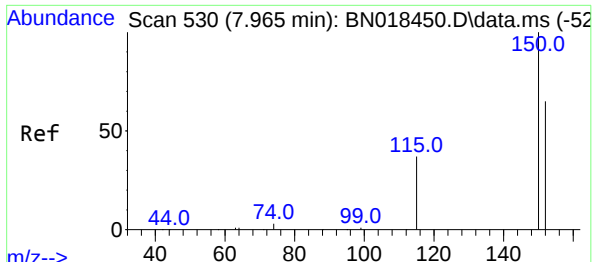
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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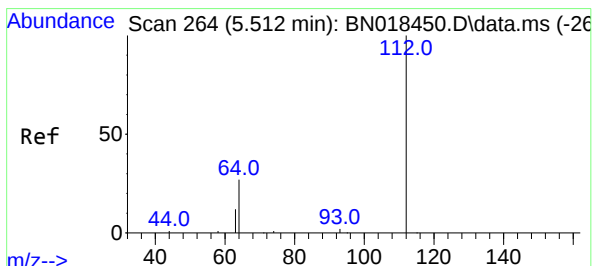
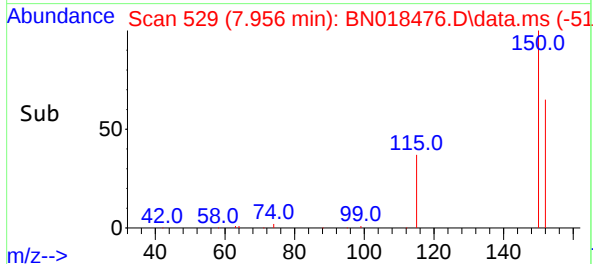
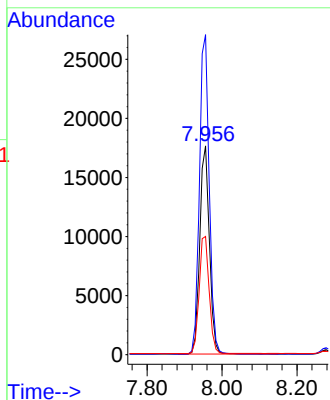
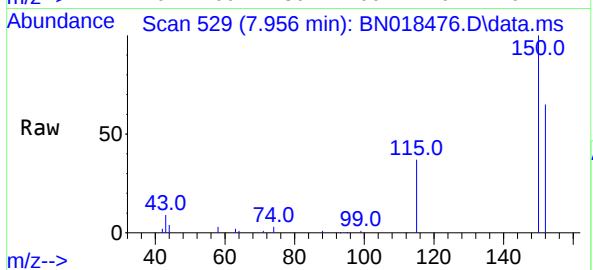




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.956 min Scan# 51
Delta R.T. -0.009 min
Lab File: BN018476.D
Acq: 26 Jan 2022 14:26

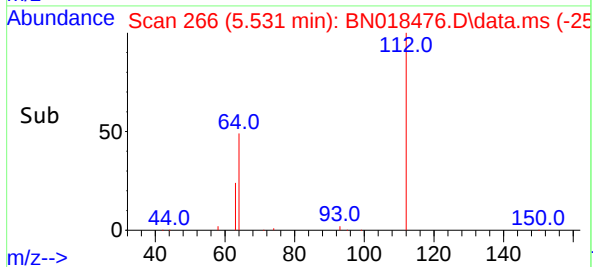
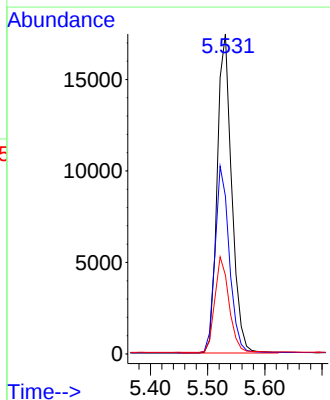
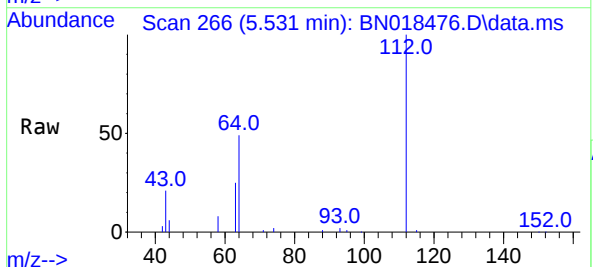
Instrument :
BNA_N
ClientSampleId :
PB142252BL

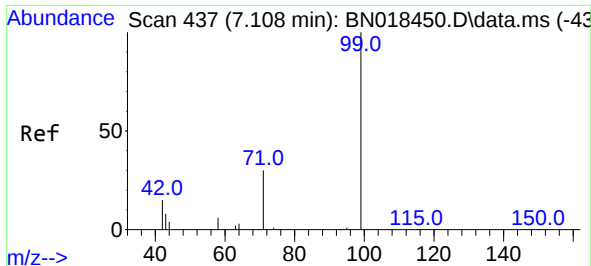
Tgt Ion:152 Resp: 31316
Ion Ratio Lower Upper
152 100
150 153.2 121.7 182.5
115 56.6 43.8 65.8



#4
2-Fluorophenol
Concen: 0.395 ng
RT: 5.531 min Scan# 266
Delta R.T. 0.019 min
Lab File: BN018476.D
Acq: 26 Jan 2022 14:26

Tgt Ion:112 Resp: 30657
Ion Ratio Lower Upper
112 100
64 57.5 48.0 72.0
63 29.6 25.3 37.9

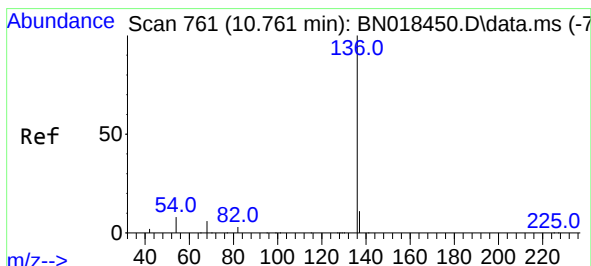
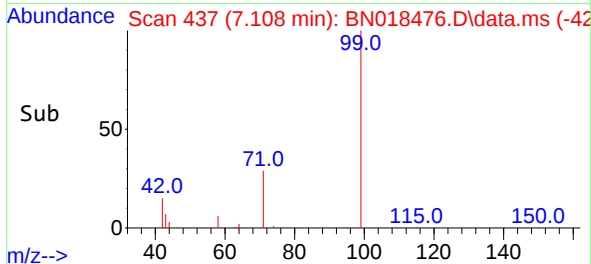
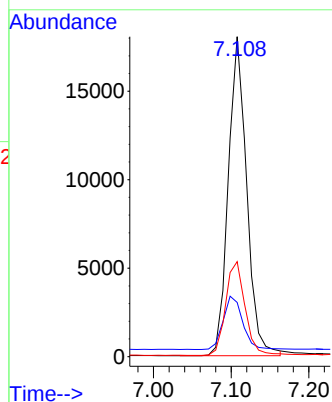
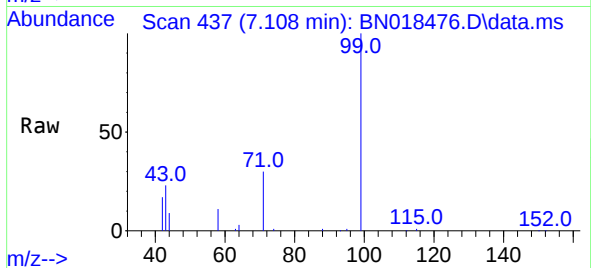




#5
Phenol-d6
Concen: 0.352 ng
RT: 7.108 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN018476.D
Acq: 26 Jan 2022 14:26

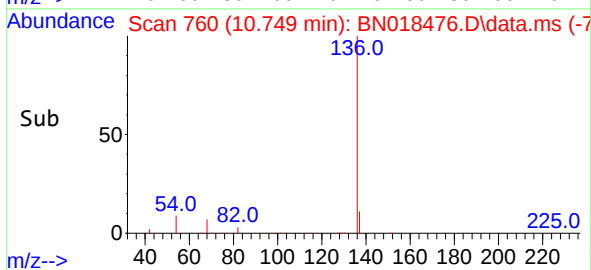
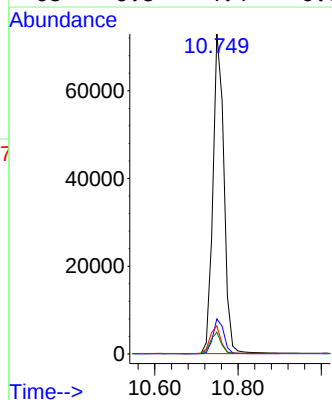
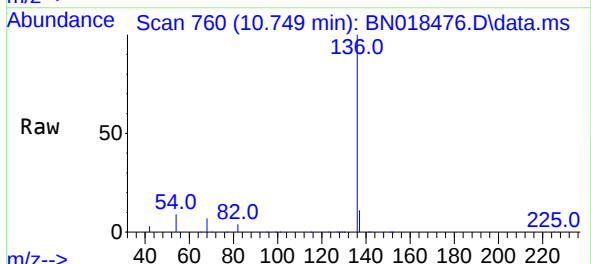
Instrument :
BNA_N
ClientSampleId :
PB142252BL

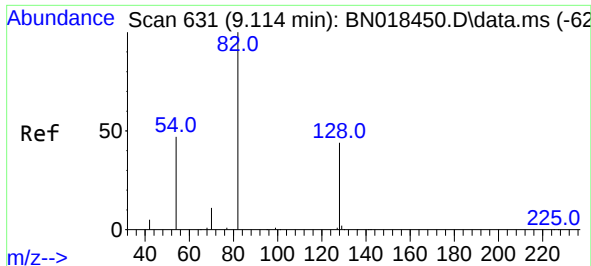
Tgt Ion: 99 Resp: 29751
Ion Ratio Lower Upper
99 100
42 17.6 16.3 24.5
71 30.9 26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.749 min Scan# 760
Delta R.T. -0.012 min
Lab File: BN018476.D
Acq: 26 Jan 2022 14:26

Tgt Ion: 136 Resp: 134128
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.8 5.0 7.6#
68 6.8 4.4 6.6#

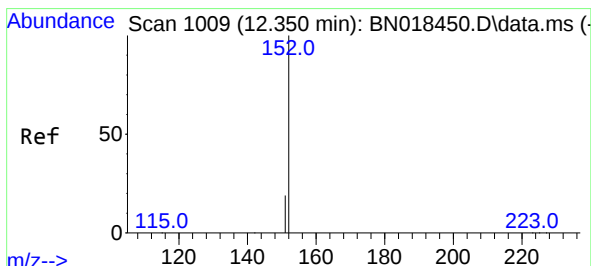
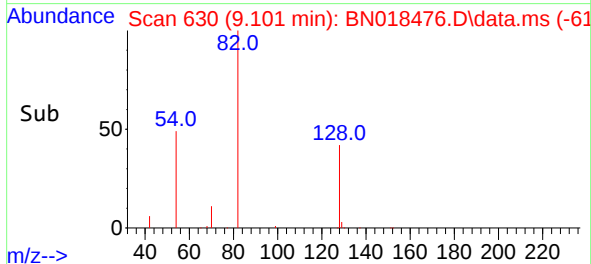
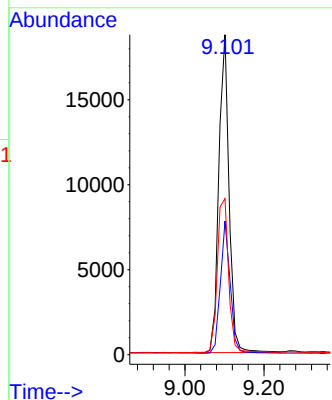
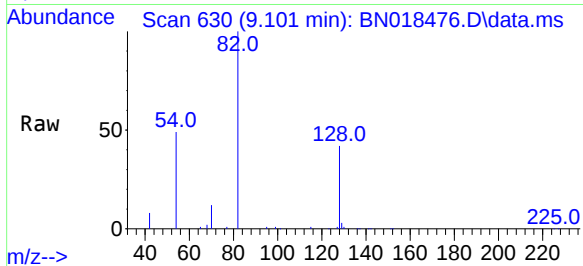




#8
Nitrobenzene-d5
Concen: 0.435 ng
RT: 9.101 min Scan# 61
Delta R.T. -0.012 min
Lab File: BN018476.D
Acq: 26 Jan 2022 14:26

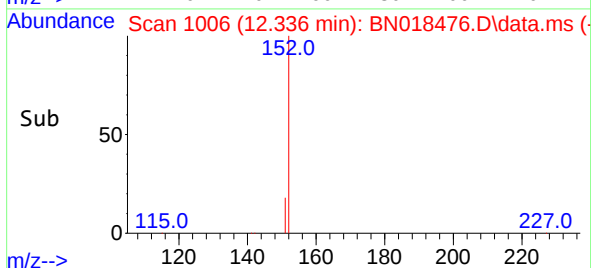
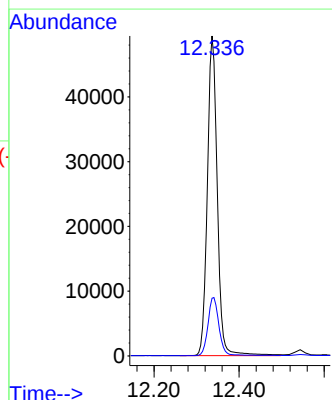
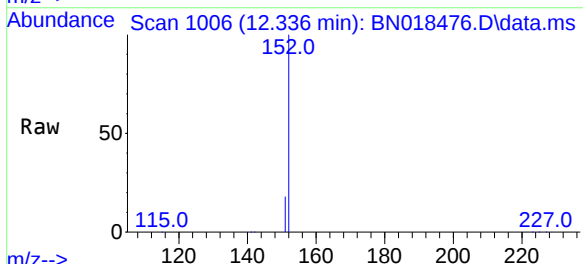
Instrument :
BNA_N
ClientSampleId :
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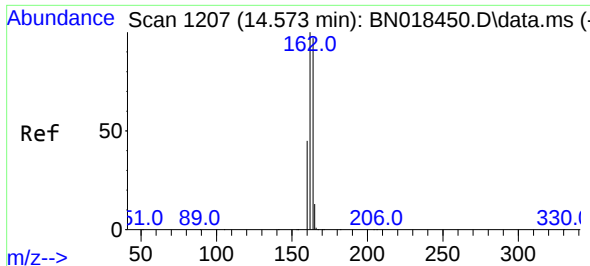
Tgt Ion: 82 Resp: 33652
Ion Ratio Lower Upper
82 100
128 41.8 33.7 50.5
54 48.8 36.6 55.0



#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.336 min Scan# 1006
Delta R.T. -0.013 min
Lab File: BN018476.D
Acq: 26 Jan 2022 14:26

Tgt Ion: 152 Resp: 79830
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2

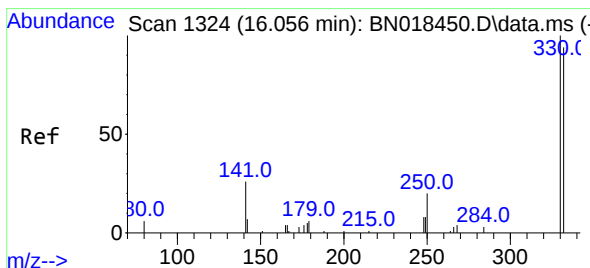
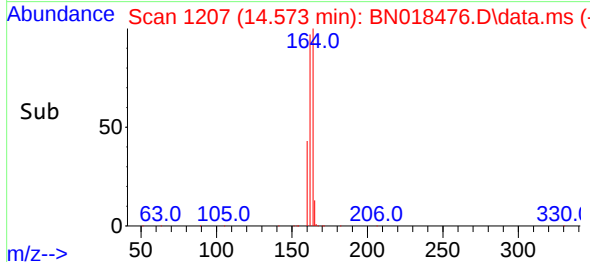
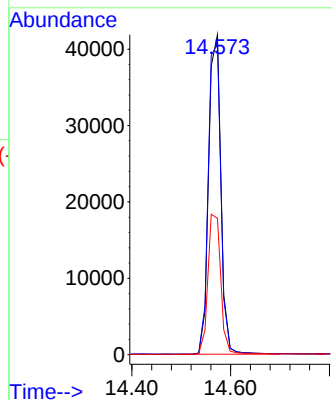
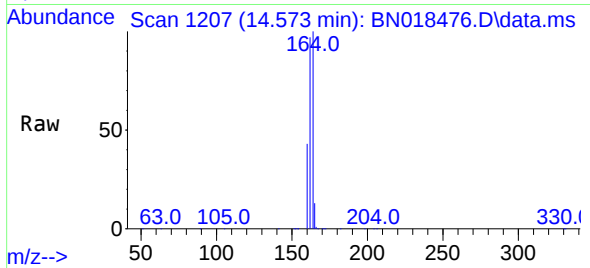




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.573 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN018476.D
Acq: 26 Jan 2022 14:26

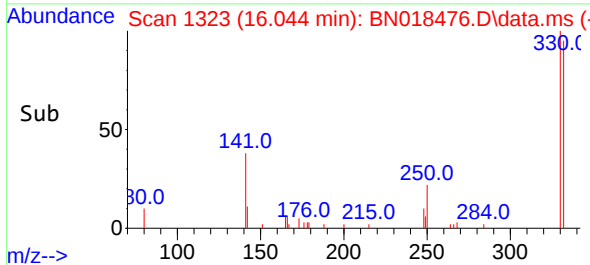
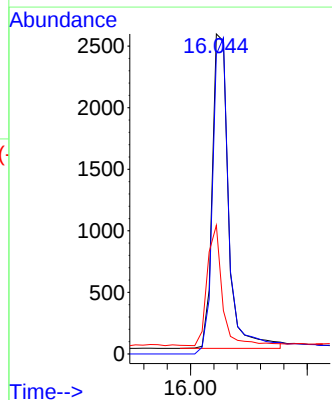
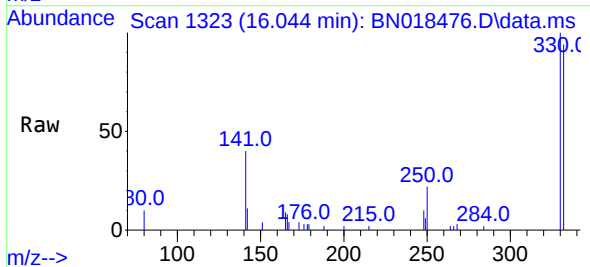
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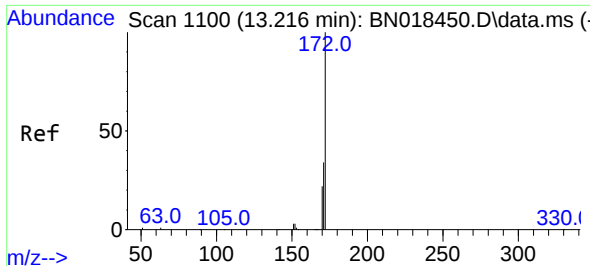
Tgt Ion:164 Resp: 72482
Ion Ratio Lower Upper
164 100
162 97.1 80.2 120.2
160 42.6 36.9 55.3



#14
2,4,6-Tribromophenol
Concen: 0.228 ng
RT: 16.044 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BN018476.D
Acq: 26 Jan 2022 14:26

Tgt Ion:330 Resp: 4984
Ion Ratio Lower Upper
330 100
332 104.7 0.0 0.0#
141 35.1 21.3 31.9#

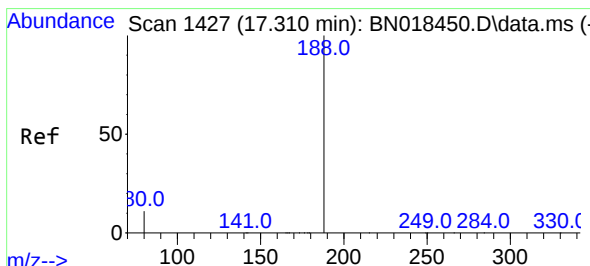
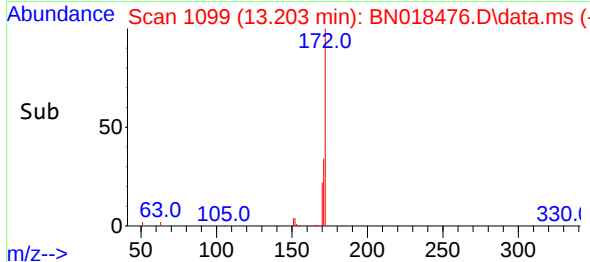
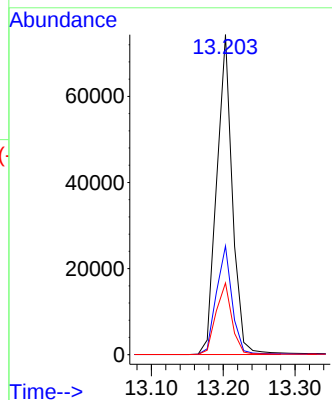
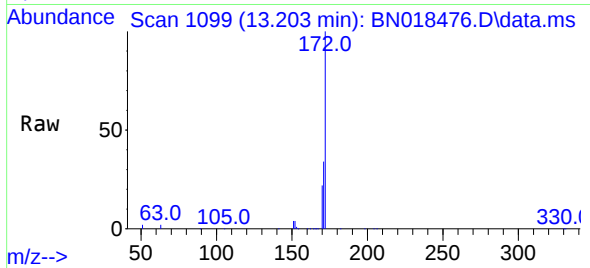




#15
2-Fluorobiphenyl
Concen: 0.431 ng
RT: 13.203 min Scan# 1099
Delta R.T. -0.013 min
Lab File: BN018476.D
Acq: 26 Jan 2022 14:26

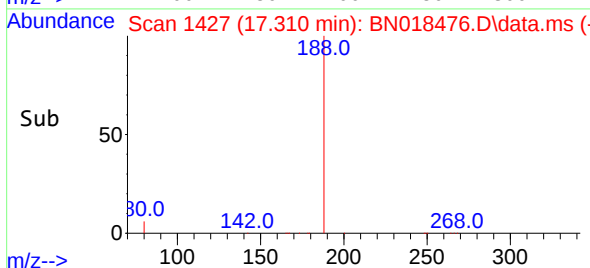
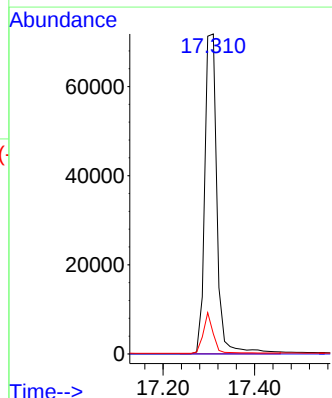
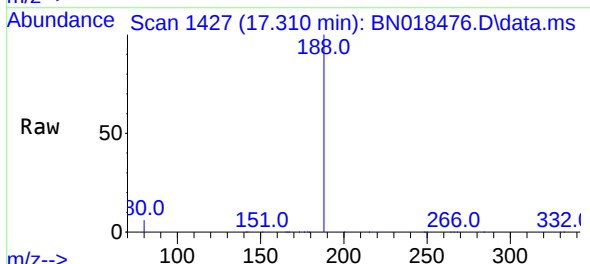
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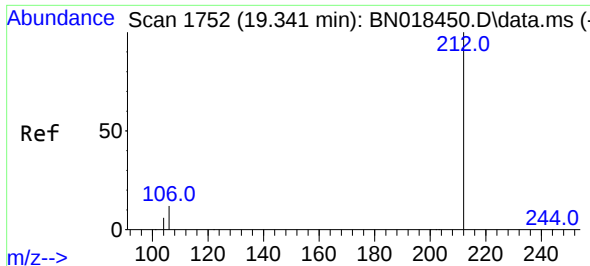
Tgt Ion:172 Resp: 112161
Ion Ratio Lower Upper
172 100
171 34.0 27.4 41.0
170 22.4 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.310 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BN018476.D
Acq: 26 Jan 2022 14:26

Tgt Ion:188 Resp: 133012
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.3 7.0 10.4

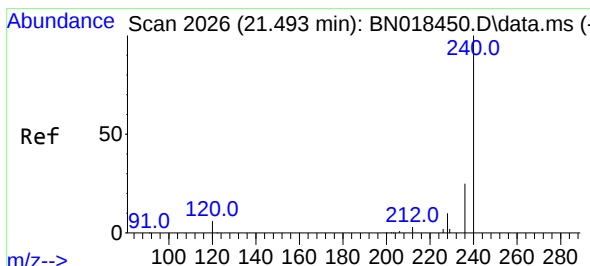
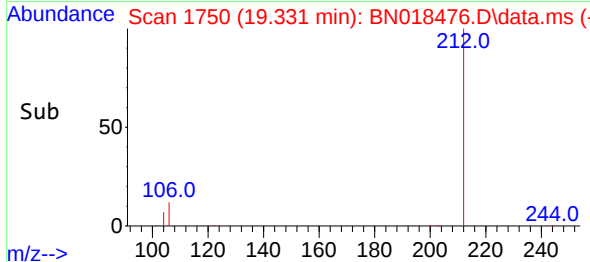
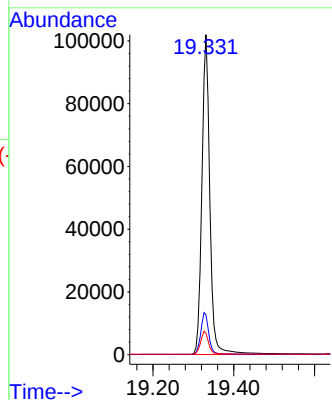
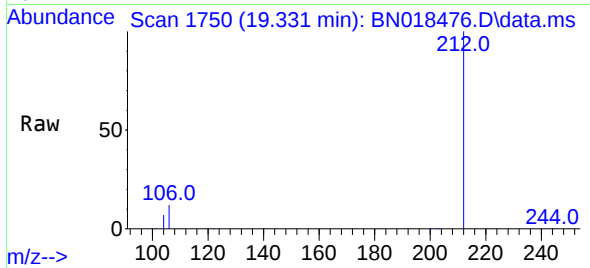




#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.331 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN018476.D
Acq: 26 Jan 2022 14:26

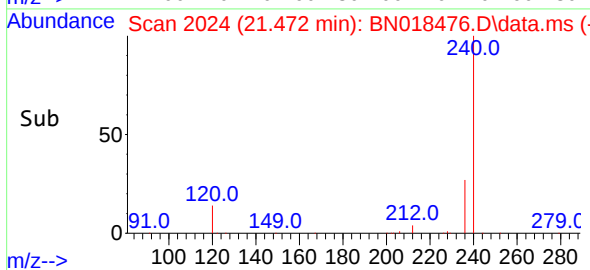
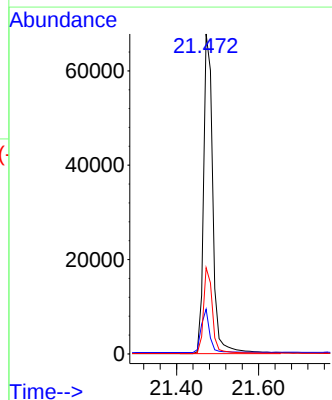
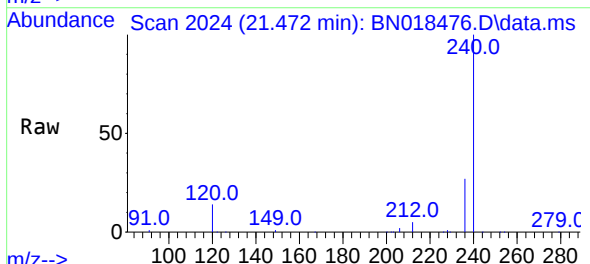
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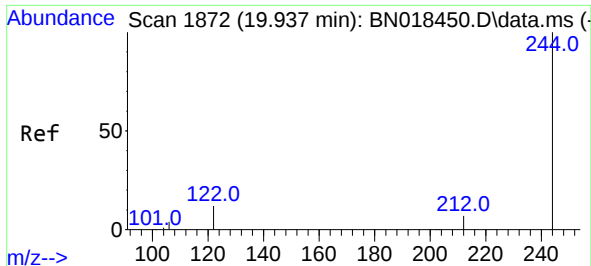
Tgt Ion:212 Resp: 140163
Ion Ratio Lower Upper
212 100
106 13.2 8.4 12.6#
104 7.2 4.5 6.7#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.472 min Scan# 2024
Delta R.T. -0.021 min
Lab File: BN018476.D
Acq: 26 Jan 2022 14:26

Tgt Ion:240 Resp: 106317
Ion Ratio Lower Upper
240 100
120 14.0 6.0 9.0#
236 27.0 21.4 32.2

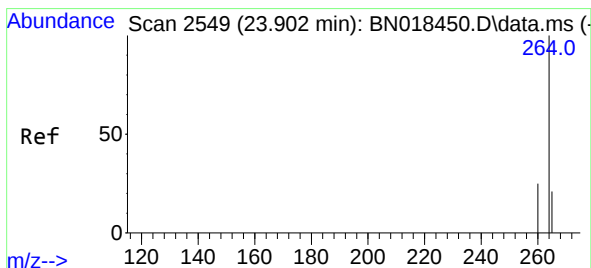
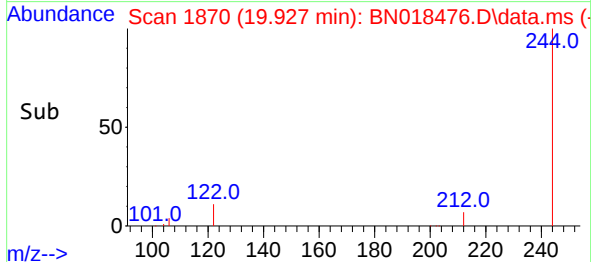
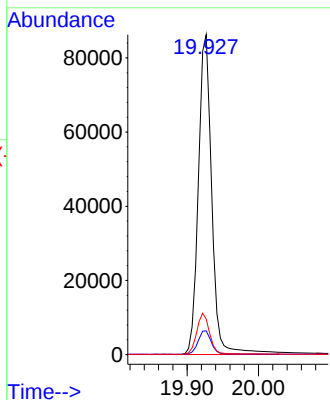
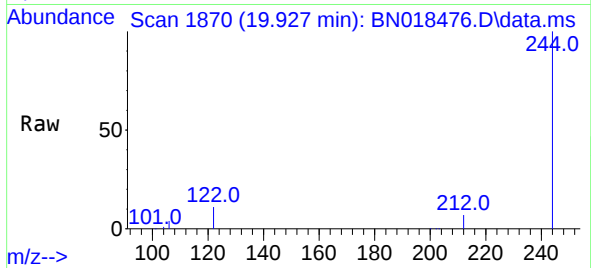




#31
 Terphenyl-d14
 Concen: 0.368 ng
 RT: 19.927 min Scan# 11
 Delta R.T. -0.010 min
 Lab File: BN018476.D
 Acq: 26 Jan 2022 14:26

Instrument :
 BNA_N
 ClientSampleId :
 PB142252BL

Tgt Ion:244 Resp: 121701
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 11.1 7.9 11.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.882 min Scan# 2543
 Delta R.T. -0.020 min
 Lab File: BN018476.D
 Acq: 26 Jan 2022 14:26

Tgt Ion:264 Resp: 88051
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.2 30.4
 265 26.1 18.2 27.2

