

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032822\
 Data File : BN019217.D
 Acq On : 29 Mar 2022 04:52
 Operator : CG/JU
 Sample : SP5852
 Misc : 8270 SIM SURROGATE
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5852

Quant Time: Mar 29 06:25:38 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 19:03:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	3275	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	7946	0.400	ng	# 0.01
13) Acenaphthene-d10	14.484	164	4517	0.400	ng	0.00
19) Phenanthrene-d10	17.236	188	7829	0.400	ng	0.01
29) Chrysene-d12	21.422	240	5601	0.400	ng	# 0.00
35) Perylene-d12	23.787	264	4892	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	2903	0.375	ng	0.00
5) Phenol-d6	7.024	99	1588	0.179	ng	0.02
8) Nitrobenzene-d5	9.025	82	1753	0.285	ng	0.03
11) 2-Methylnaphthalene-d10	12.253	152	5085	0.400	ng	0.02
14) 2,4,6-Tribromophenol	15.995	330	542	0.247	ng	0.02
15) 2-Fluorobiphenyl	13.116	172	5960	0.314	ng	0.01
27) Fluoranthene-d10	19.261	212	10584	0.462	ng	0.00
31) Terphenyl-d14	19.860	244	5223	0.418	ng	0.00

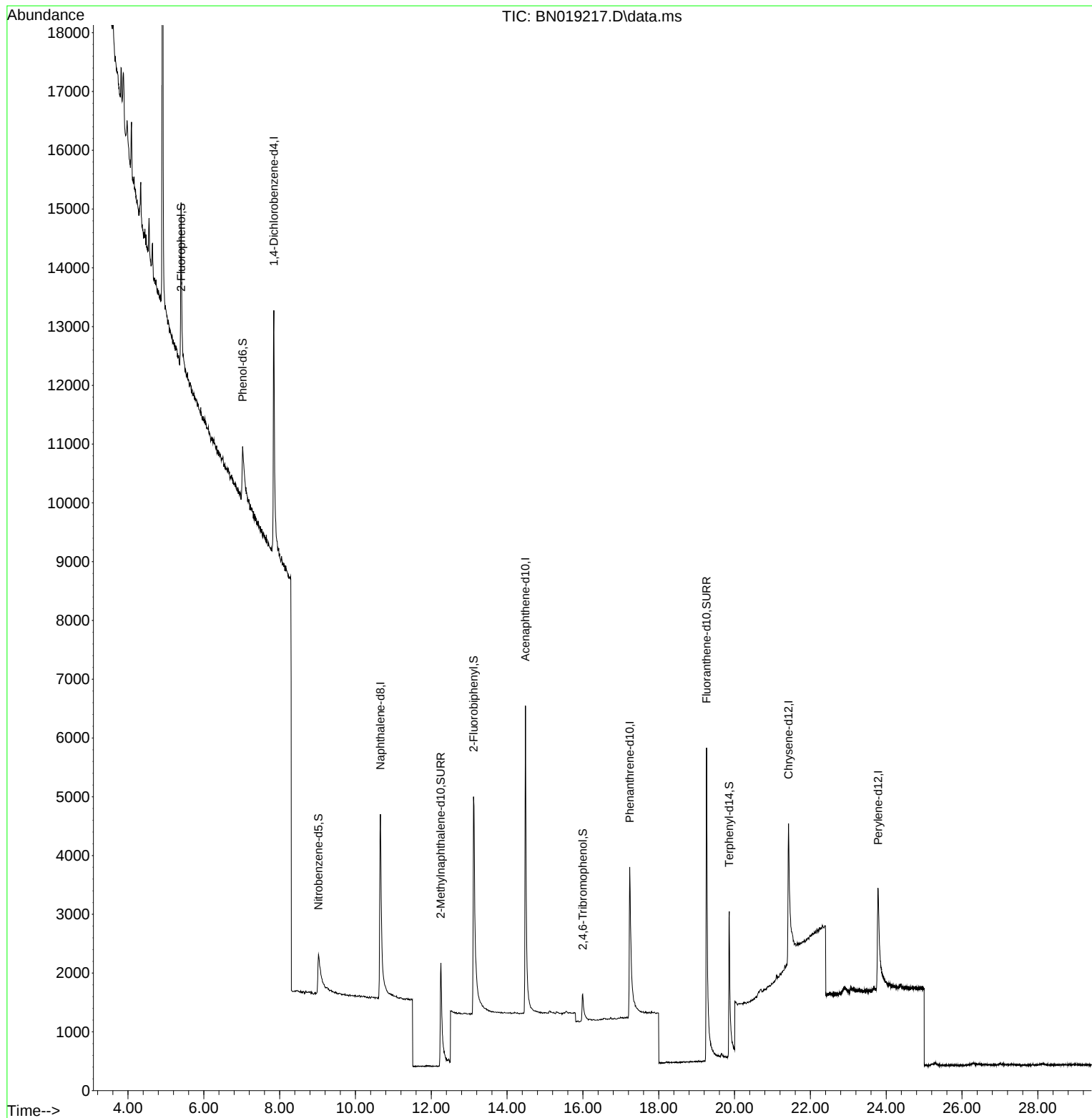
Target Compounds Qvalue

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

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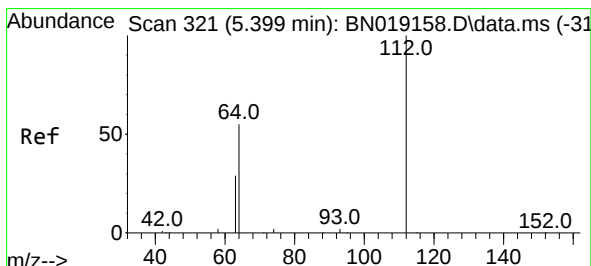
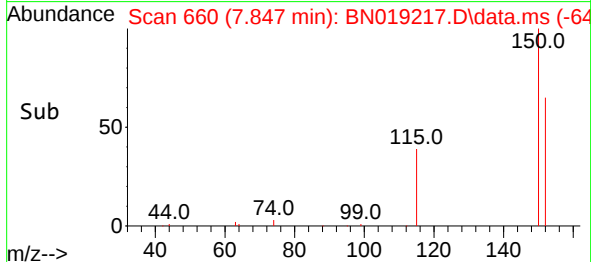
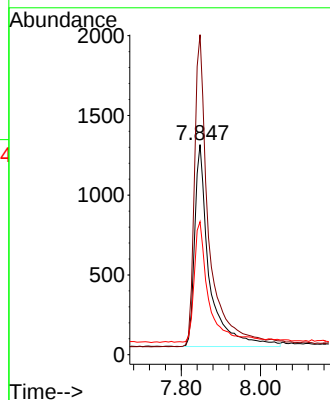
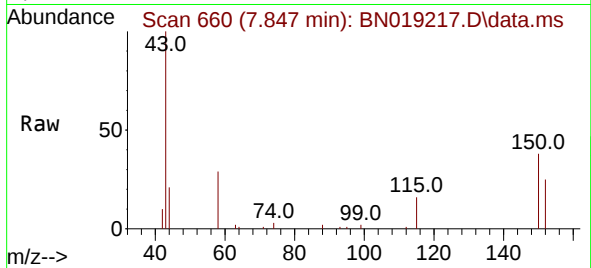




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.847 min Scan# 660
Delta R.T. 0.000 min
Lab File: BN019217.D
Acq: 29 Mar 2022 04:52

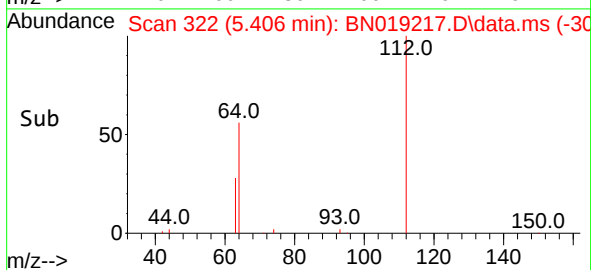
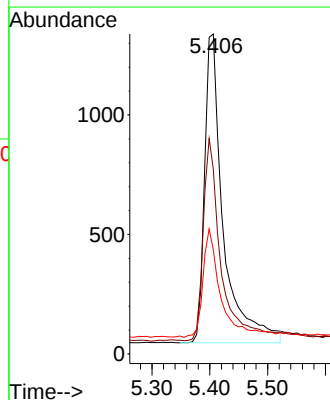
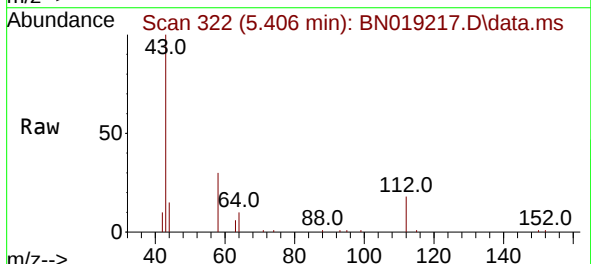
Instrument :
BNA_N
ClientSampleId :
SP5852

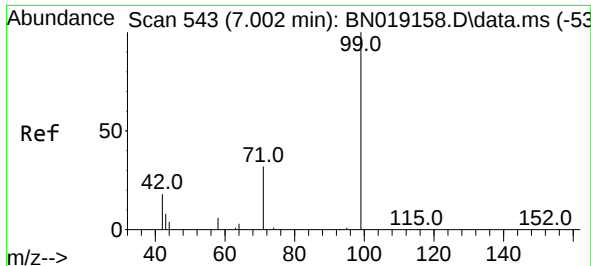
Tgt Ion:152 Resp: 3275
Ion Ratio Lower Upper
152 100
150 152.3 123.9 185.9
115 63.3 48.2 72.4



#4
2-Fluorophenol
Concen: 0.375 ng
RT: 5.406 min Scan# 322
Delta R.T. 0.007 min
Lab File: BN019217.D
Acq: 29 Mar 2022 04:52

Tgt Ion:112 Resp: 2903
Ion Ratio Lower Upper
112 100
64 62.4 47.8 71.8
63 33.4 25.7 38.5

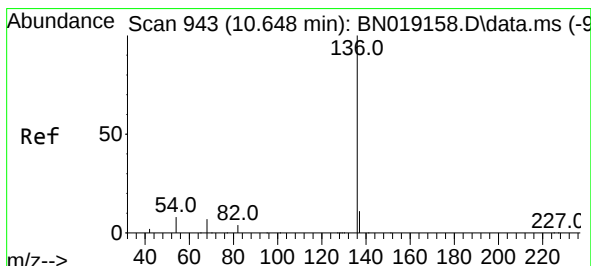
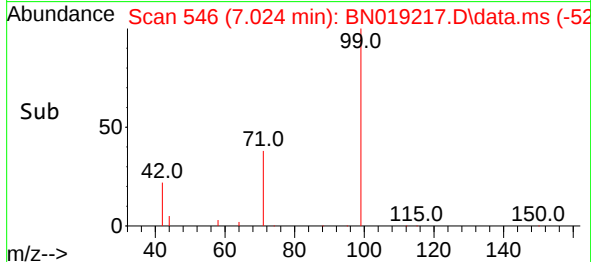
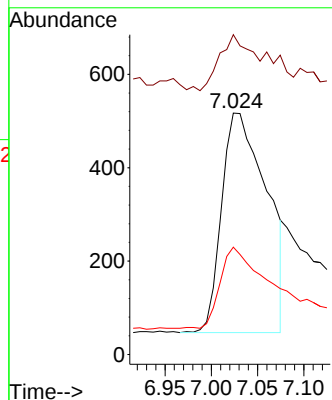
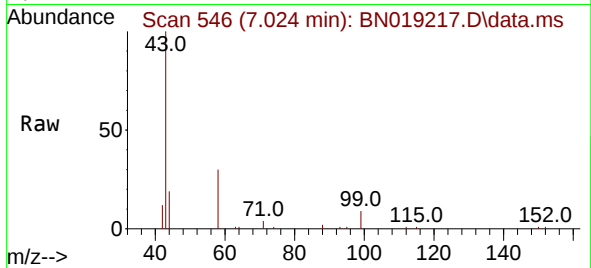




#5
Phenol-d6
Concen: 0.179 ng
RT: 7.024 min Scan# 54
Delta R.T. 0.022 min
Lab File: BN019217.D
Acq: 29 Mar 2022 04:52

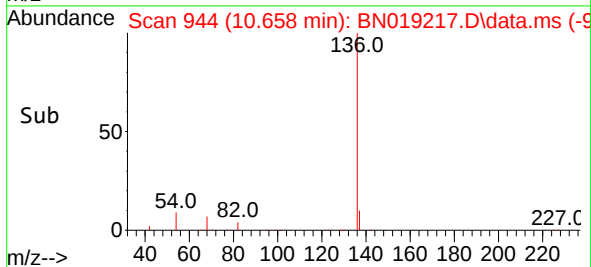
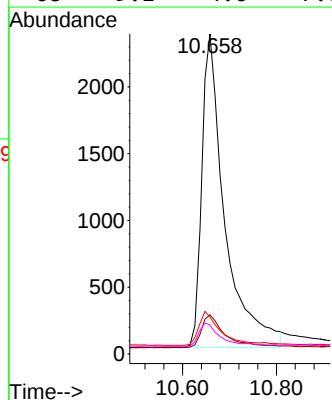
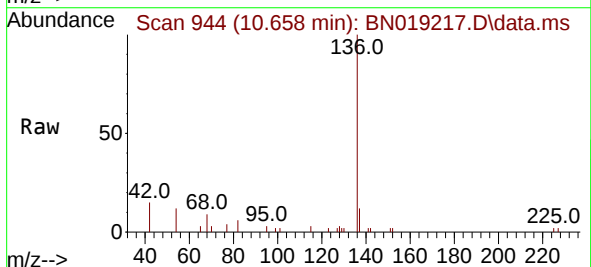
Instrument :
BNA_N
ClientSampleId :
SP5852

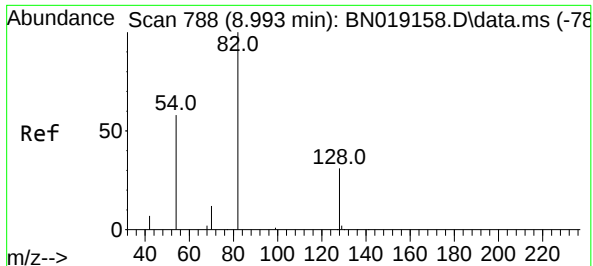
Tgt Ion: 99 Resp: 1588
Ion Ratio Lower Upper
99 100
42 18.5 16.2 24.4
71 35.6 27.7 41.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.011 min
Lab File: BN019217.D
Acq: 29 Mar 2022 04:52

Tgt Ion: 136 Resp: 7946
Ion Ratio Lower Upper
136 100
137 12.2 9.0 13.4
54 11.6 5.8 8.6#
68 9.1 4.6 7.0#

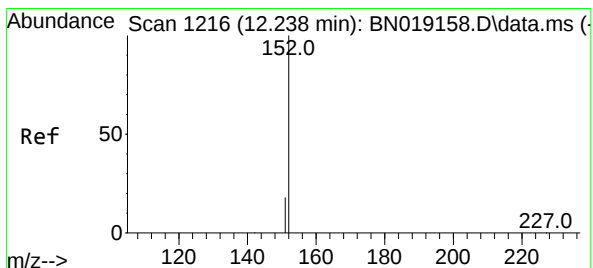
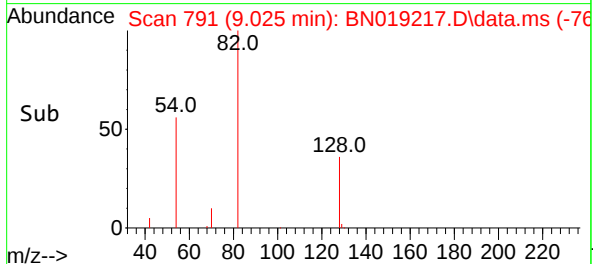
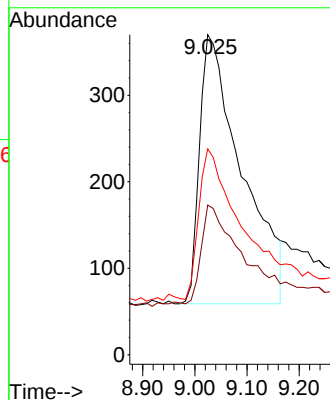
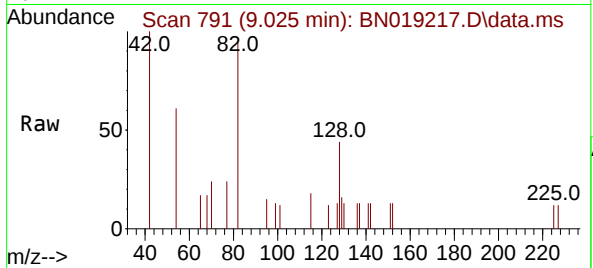




#8
Nitrobenzene-d5
Concen: 0.285 ng
RT: 9.025 min Scan# 71
Delta R.T. 0.032 min
Lab File: BN019217.D
Acq: 29 Mar 2022 04:52

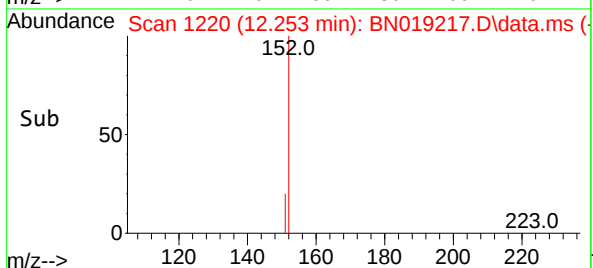
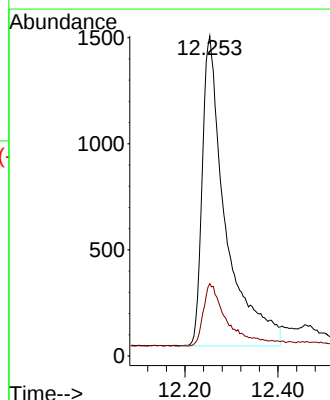
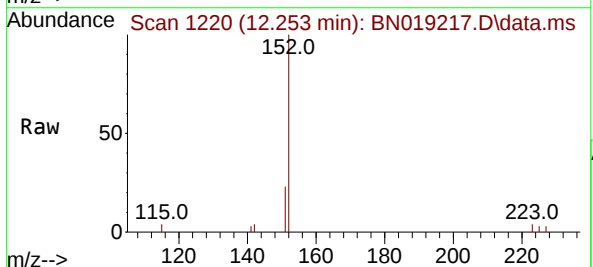
Instrument :
BNA_N
ClientSampleId :
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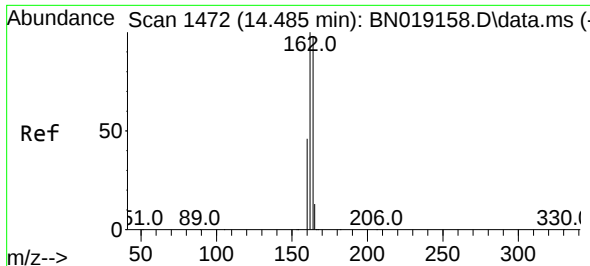
Tgt Ion: 82 Resp: 1753
Ion Ratio Lower Upper
82 100
128 46.8 33.0 49.6
54 64.3 42.5 63.7#



#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 12.253 min Scan# 1220
Delta R.T. 0.015 min
Lab File: BN019217.D
Acq: 29 Mar 2022 04:52

Tgt Ion: 152 Resp: 5085
Ion Ratio Lower Upper
152 100
151 20.2 16.5 24.7

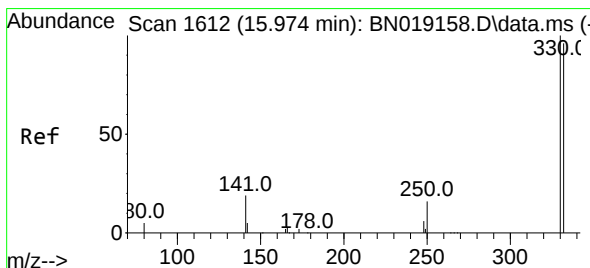
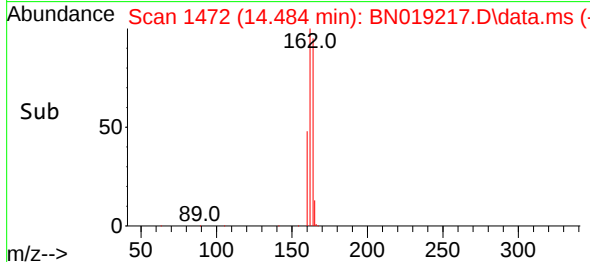
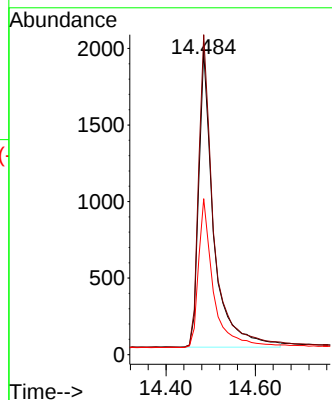
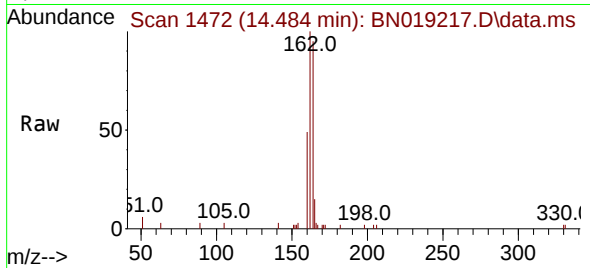




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN019217.D
Acq: 29 Mar 2022 04:52

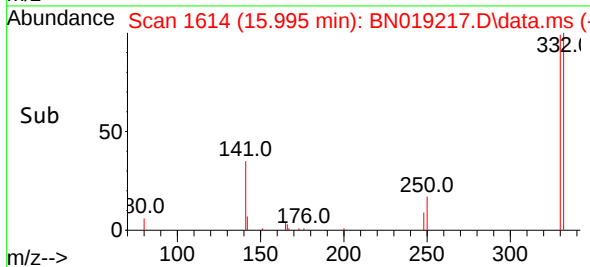
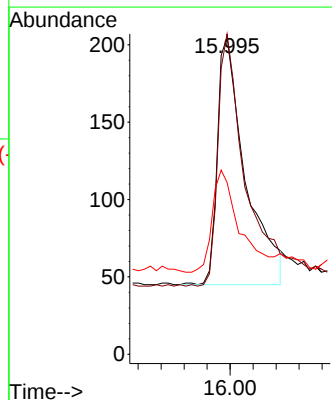
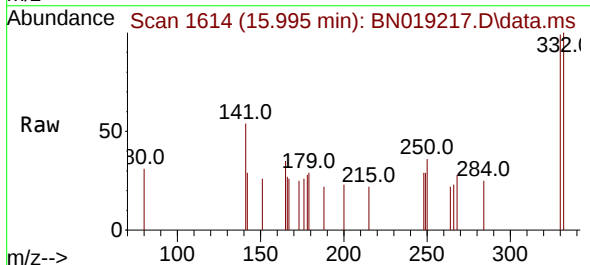
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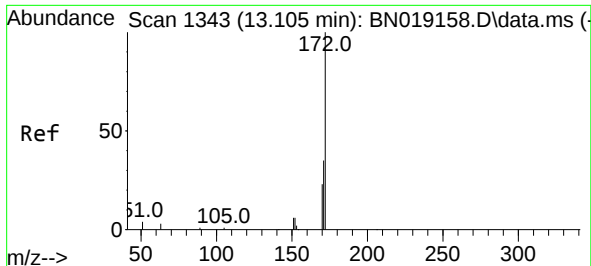
Tgt Ion:164 Resp: 4517
Ion Ratio Lower Upper
164 100
162 105.4 85.2 127.8
160 51.4 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.247 ng
RT: 15.995 min Scan# 1614
Delta R.T. 0.020 min
Lab File: BN019217.D
Acq: 29 Mar 2022 04:52

Tgt Ion:330 Resp: 542
Ion Ratio Lower Upper
330 100
332 98.7 76.8 115.2
141 41.0 32.2 48.2

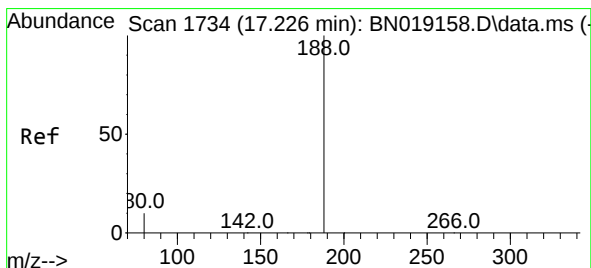
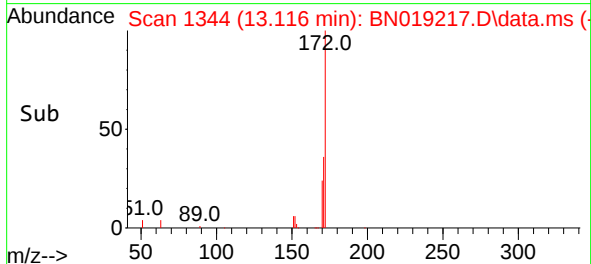
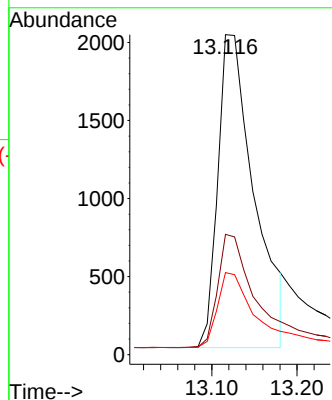
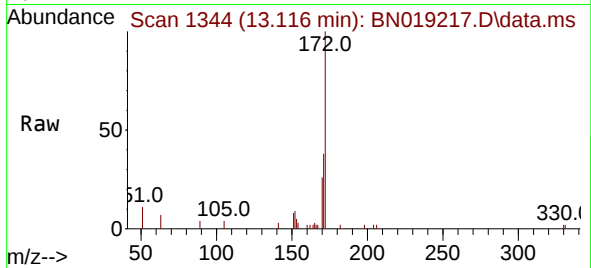




#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 13.116 min Scan# 1344
Delta R.T. 0.011 min
Lab File: BN019217.D
Acq: 29 Mar 2022 04:52

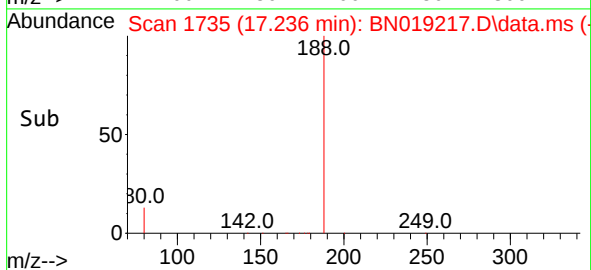
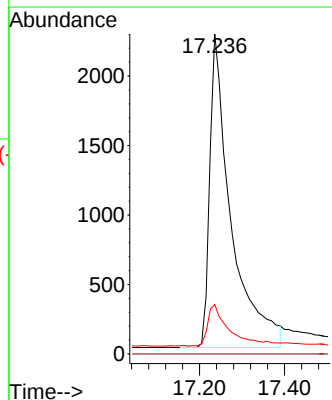
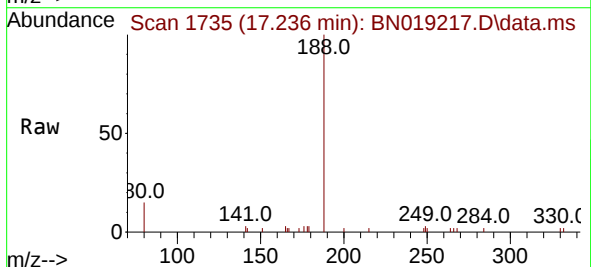
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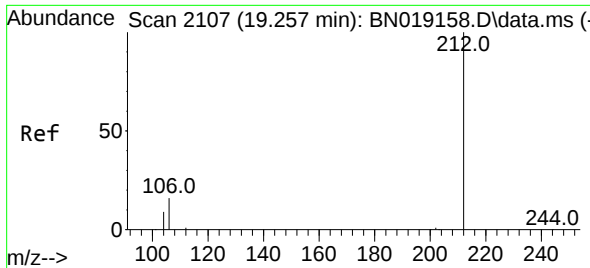
Tgt Ion:172 Resp: 5960
Ion Ratio Lower Upper
172 100
171 37.6 28.2 42.2
170 25.7 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. 0.010 min
Lab File: BN019217.D
Acq: 29 Mar 2022 04:52

Tgt Ion:188 Resp: 7829
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.5 11.8 17.8

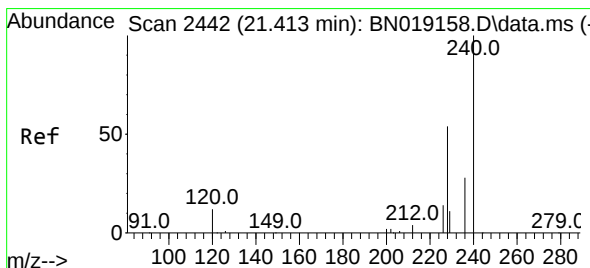
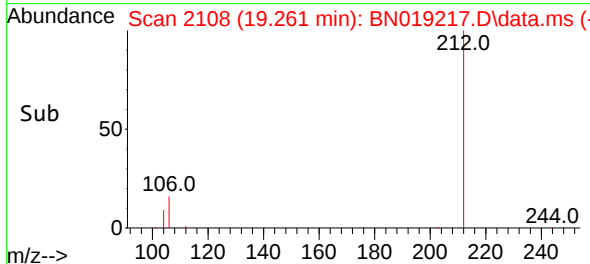
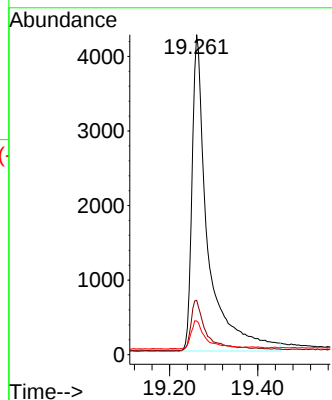
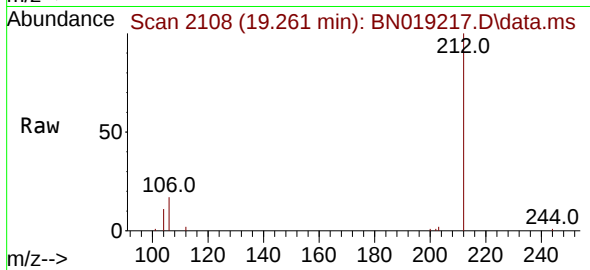




#27
Fluoranthene-d10
Concen: 0.462 ng
RT: 19.261 min Scan# 2108
Delta R.T. 0.004 min
Lab File: BN019217.D
Acq: 29 Mar 2022 04:52

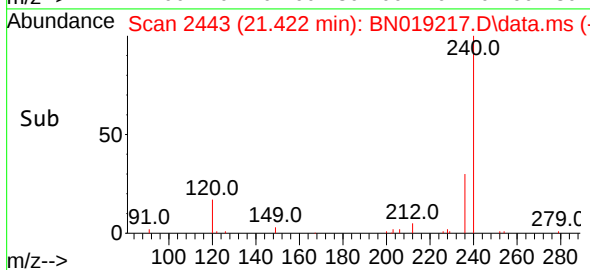
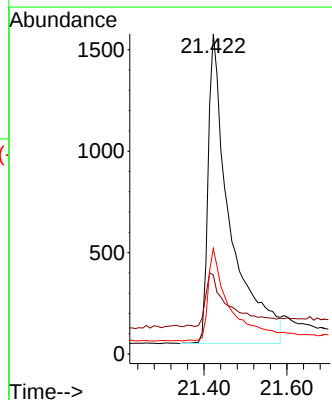
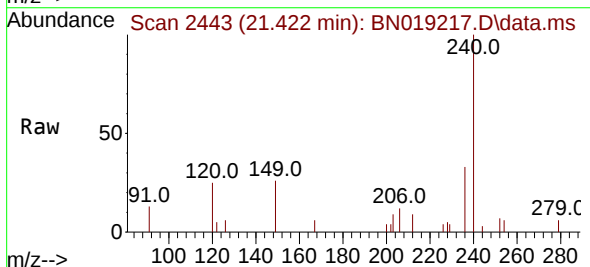
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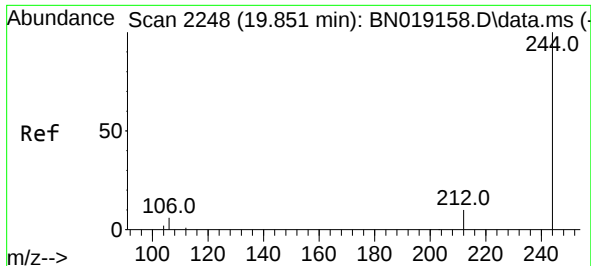
Tgt Ion:212 Resp: 10584
Ion Ratio Lower Upper
212 100
106 14.9 12.7 19.1
104 8.5 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. 0.009 min
Lab File: BN019217.D
Acq: 29 Mar 2022 04:52

Tgt Ion:240 Resp: 5601
Ion Ratio Lower Upper
240 100
120 24.7 8.5 12.7#
236 33.0 22.4 33.6

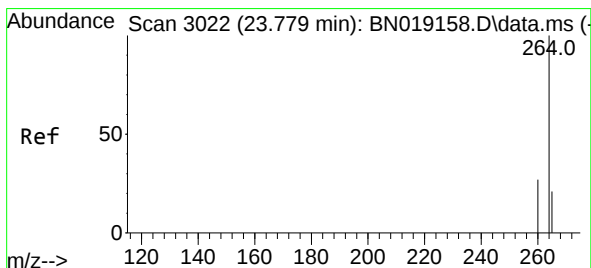
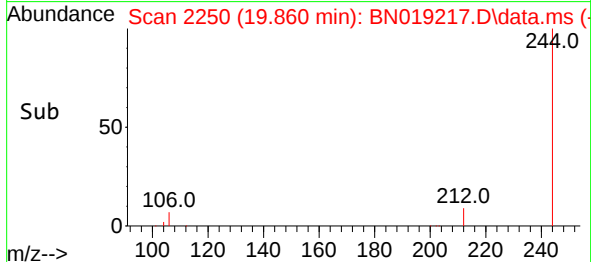
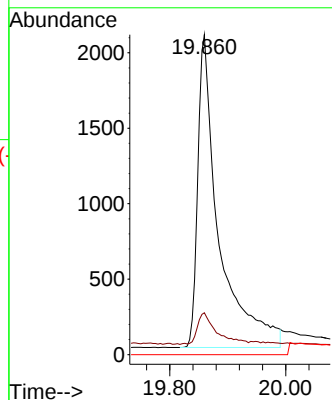
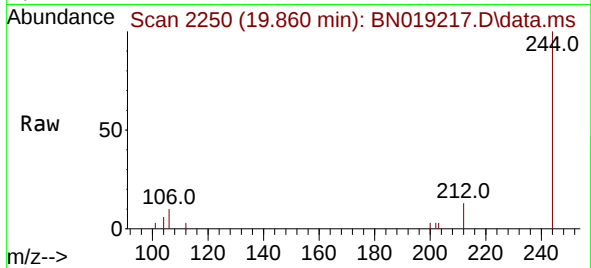




#31
 Terphenyl-d14
 Concen: 0.418 ng
 RT: 19.860 min Scan# 21
 Delta R.T. 0.008 min
 Lab File: BN019217.D
 Acq: 29 Mar 2022 04:52

Instrument :
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 SP5852

Tgt Ion:244 Resp: 5223
 Ion Ratio Lower Upper
 244 100
 212 13.1 8.2 12.4#
 122 0.0 0.0 0.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.787 min Scan# 3025
 Delta R.T. 0.009 min
 Lab File: BN019217.D
 Acq: 29 Mar 2022 04:52

Tgt Ion:264 Resp: 4892
 Ion Ratio Lower Upper
 264 100
 260 30.1 22.4 33.6
 265 89.0 25.3 37.9#

