

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
 Data File : BN029156.D
 Acq On : 21 Dec 2023 18:32
 Operator : MA/JU
 Sample : PB157944BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB157944BL

Quant Time: Dec 21 23:27:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 18:03:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	879	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	1629	0.400	ng	0.00
13) Acenaphthene-d10	14.425	164	857	0.400	ng	0.00
19) Phenanthrene-d10	17.193	188	1348	0.400	ng	0.01
29) Chrysene-d12	21.393	240	666	0.400	ng	0.00
35) Perylene-d12	23.715	264	878	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	272	0.129	ng	0.00
5) Phenol-d6	7.009	99	239	0.103	ng	0.00
8) Nitrobenzene-d5	8.982	82	193	0.091	ng	0.02
11) 2-Methylnaphthalene-d10	12.178	152	285	0.115	ng	0.00
14) 2,4,6-Tribromophenol	15.940	330	177	0.236	ng	0.01
15) 2-Fluorobiphenyl	13.068	172	486	0.097	ng	0.01
27) Fluoranthene-d10	19.224	212	337	0.103	ng	0.00
31) Terphenyl-d14	19.833	244	562	0.307	ng	0.00

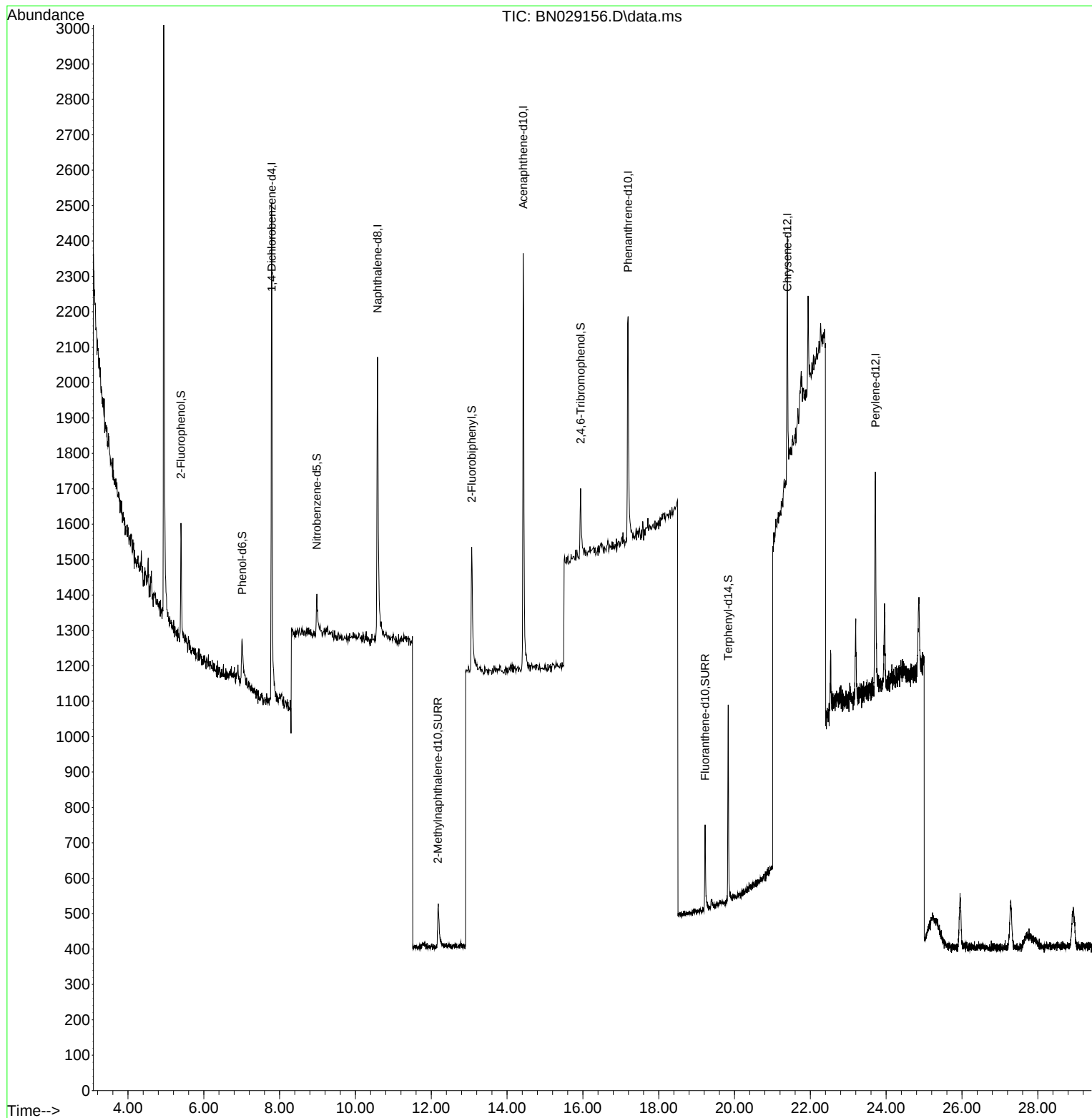
Target Compounds	Qvalue
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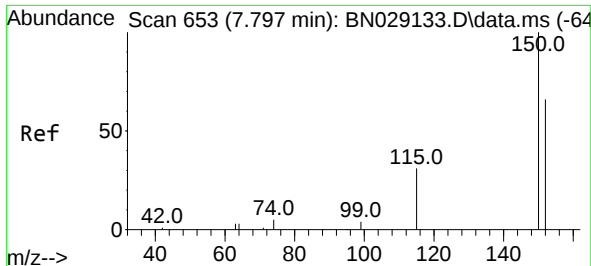
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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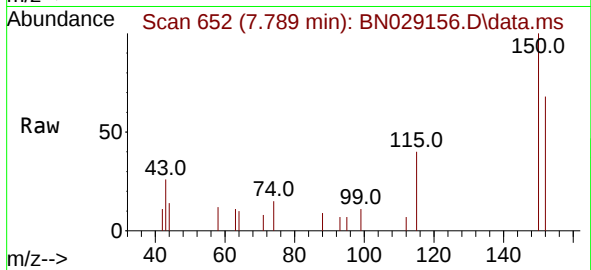
Quant Time: Dec 21 23:27:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 18:03:30 2023
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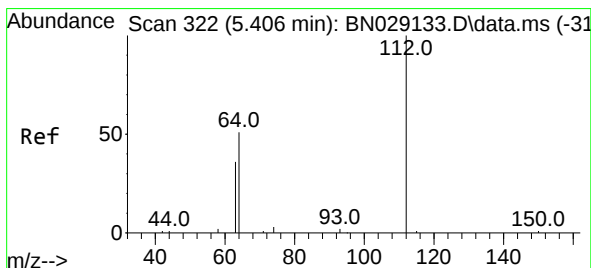
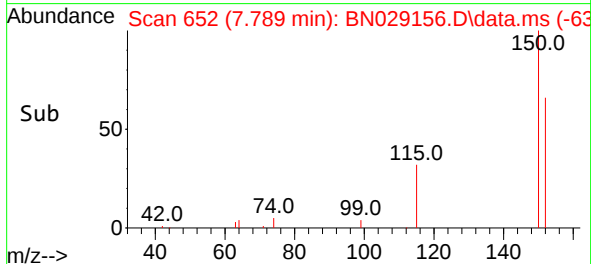
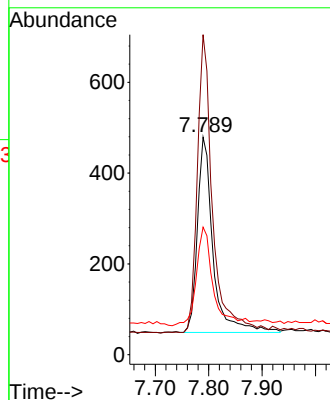


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.789 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN029156.D
Acq: 21 Dec 2023 18:32

Instrument :
BNA_N
ClientSampleId :
PB157944BL

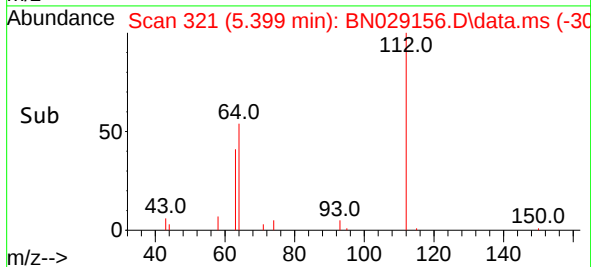
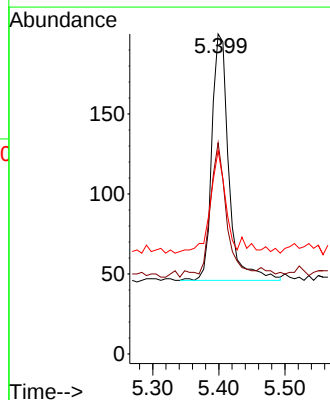
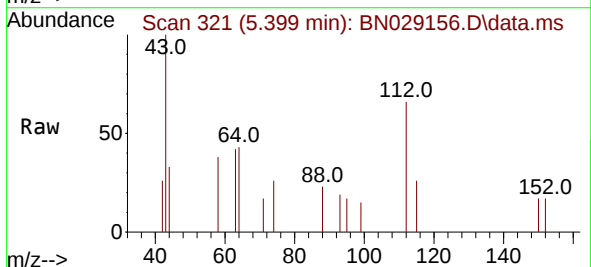


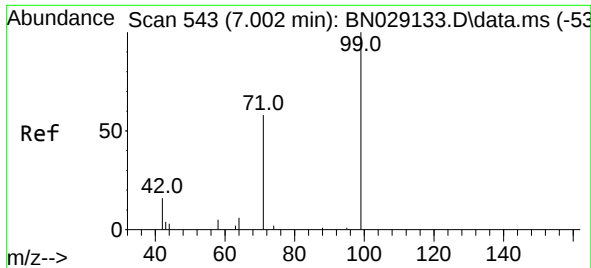
Tgt Ion:152 Resp: 879
Ion Ratio Lower Upper
152 100
150 147.2 117.6 176.4
115 58.7 44.2 66.2



#4
2-Fluorophenol
Concen: 0.129 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.007 min
Lab File: BN029156.D
Acq: 21 Dec 2023 18:32

Tgt Ion:112 Resp: 272
Ion Ratio Lower Upper
112 100
64 53.3 38.6 58.0
63 37.1 30.0 45.0

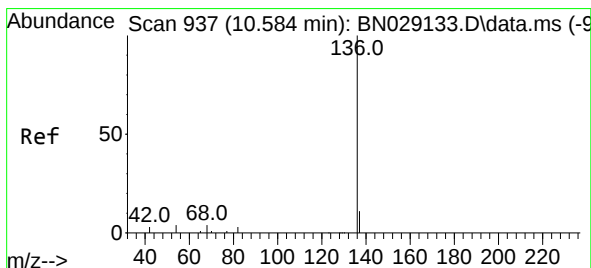
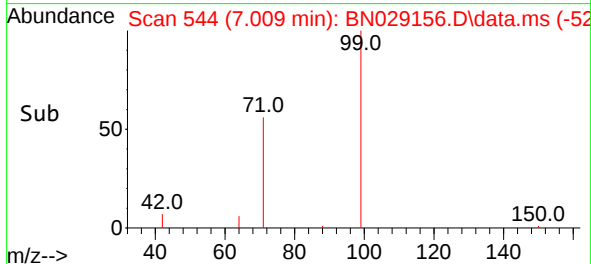
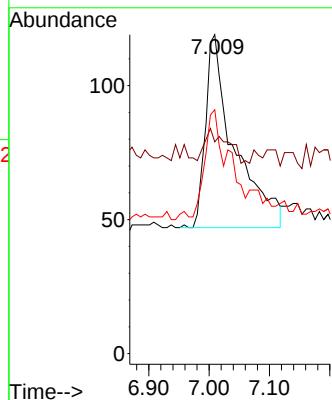
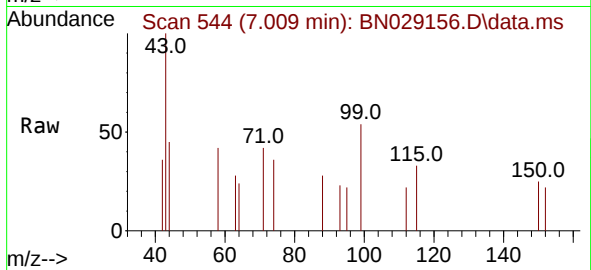




#5
Phenol-d6
Concen: 0.103 ng
RT: 7.009 min Scan# 543
Delta R.T. 0.007 min
Lab File: BN029156.D
Acq: 21 Dec 2023 18:32

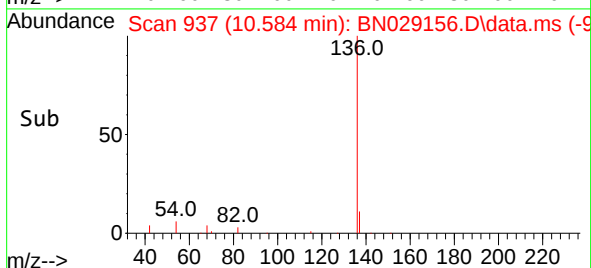
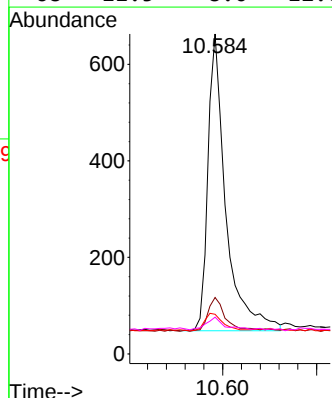
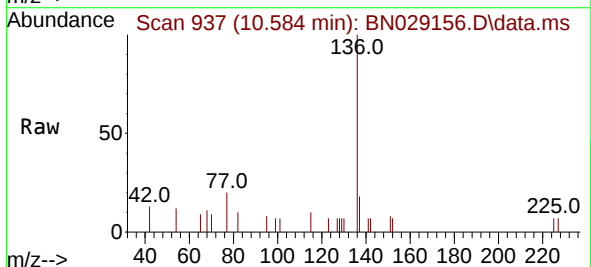
Instrument :
BNA_N
ClientSampleId :
PB157944BL

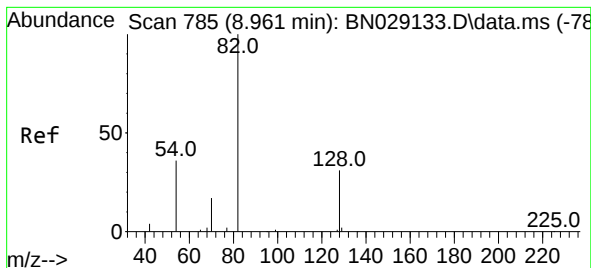
Tgt Ion: 99 Resp: 239
Ion Ratio Lower Upper
99 100
42 13.8 13.8 20.6
71 44.8 45.4 68.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN029156.D
Acq: 21 Dec 2023 18:32

Tgt Ion: 136 Resp: 1629
Ion Ratio Lower Upper
136 100
137 17.6 13.4 20.0
54 12.4 8.6 13.0
68 11.5 8.0 12.0





#8

Nitrobenzene-d5

Concen: 0.091 ng

RT: 8.982 min Scan# 71

Delta R.T. 0.021 min

Lab File: BN029156.D

Acq: 21 Dec 2023 18:32

Instrument :

BNA_N

ClientSampleId :

PB157944BL

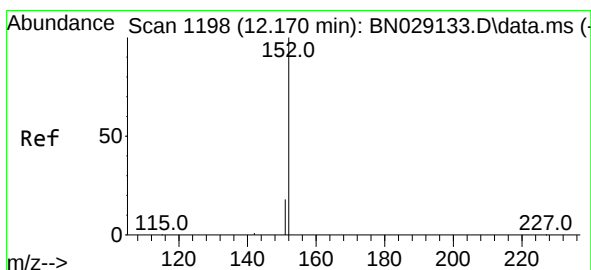
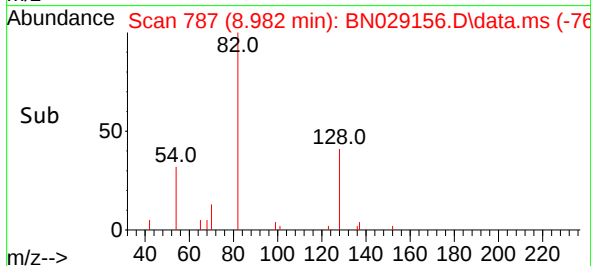
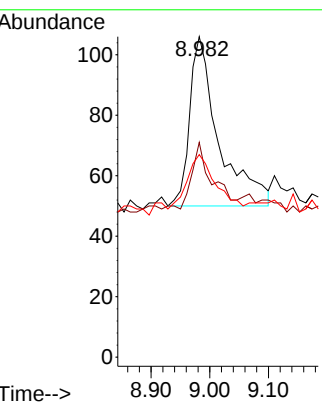
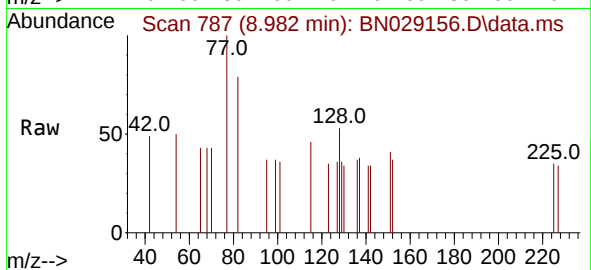
Tgt Ion: 82 Resp: 193

Ion Ratio Lower Upper

82 100

128 67.0 33.0 49.4#

54 63.2 35.8 53.8#



#11

2-Methylnaphthalene-d10

Concen: 0.115 ng

RT: 12.178 min Scan# 1200

Delta R.T. 0.007 min

Lab File: BN029156.D

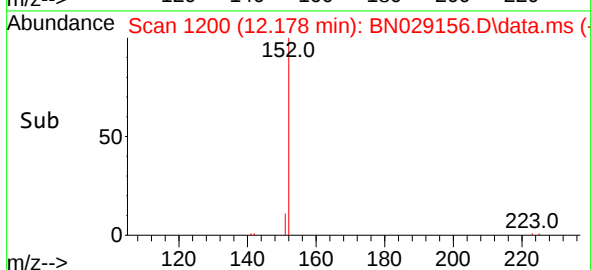
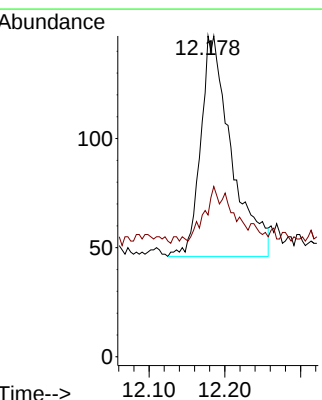
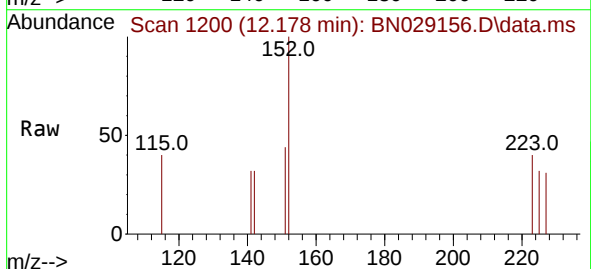
Acq: 21 Dec 2023 18:32

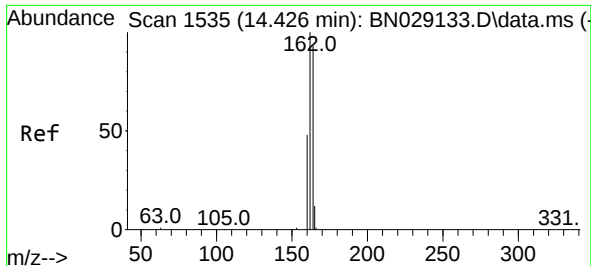
Tgt Ion:152 Resp: 285

Ion Ratio Lower Upper

152 100

151 11.2 17.4 26.2#

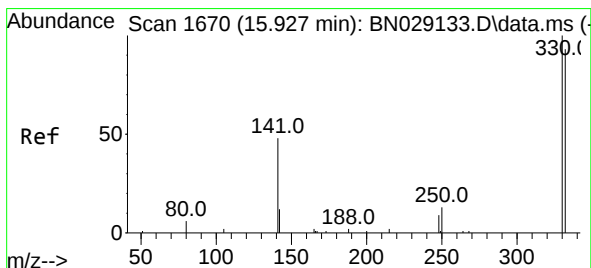
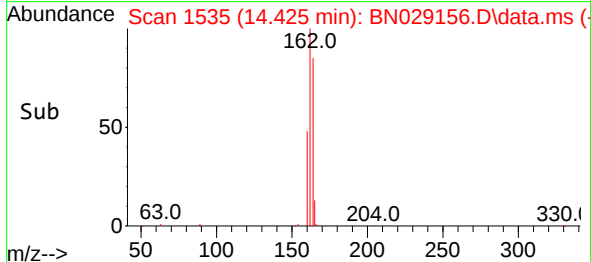
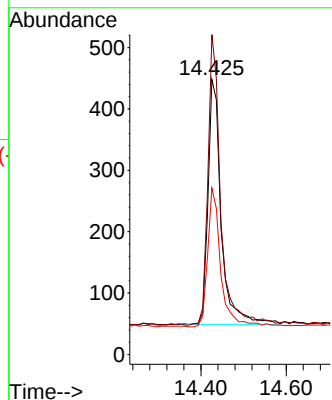
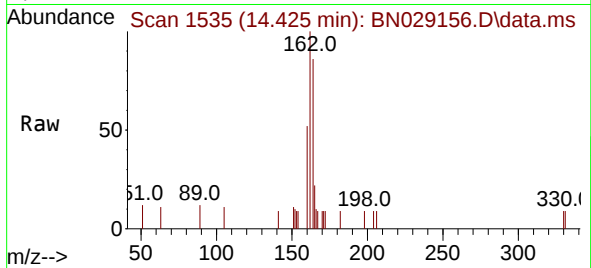




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.425 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029156.D
Acq: 21 Dec 2023 18:32

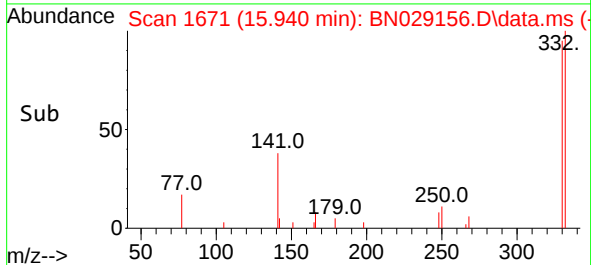
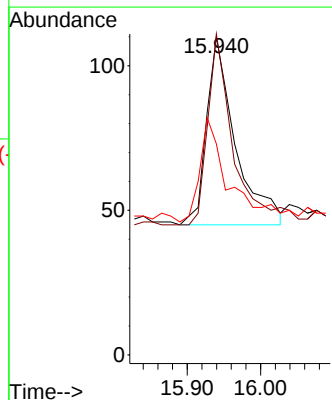
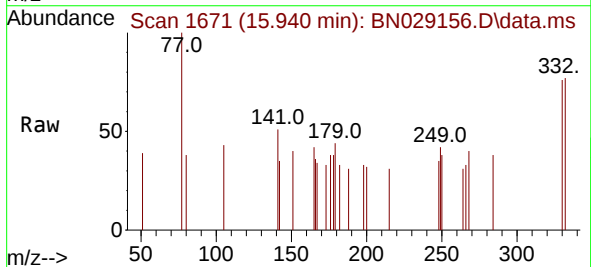
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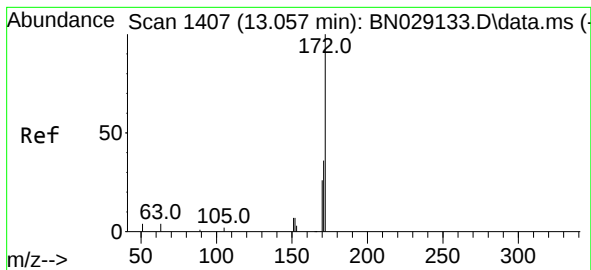
Tgt Ion:164 Resp: 857
Ion Ratio Lower Upper
164 100
162 116.3 85.0 127.4
160 60.5 45.8 68.8



#14
2,4,6-Tribromophenol
Concen: 0.236 ng
RT: 15.940 min Scan# 1671
Delta R.T. 0.012 min
Lab File: BN029156.D
Acq: 21 Dec 2023 18:32

Tgt Ion:330 Resp: 177
Ion Ratio Lower Upper
330 100
332 86.4 83.4 125.0
141 55.4 43.8 65.8

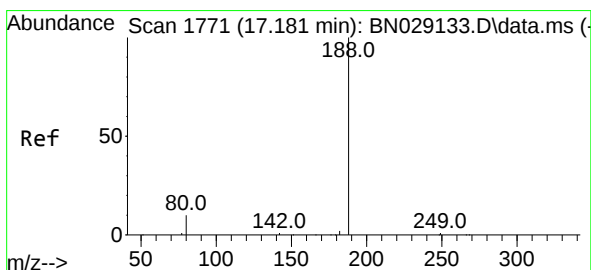
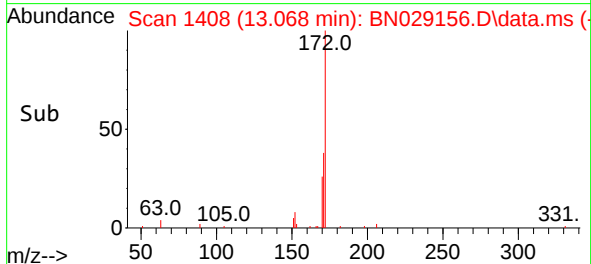
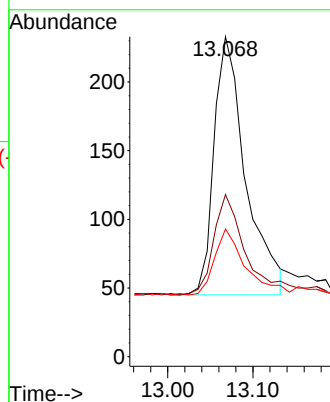
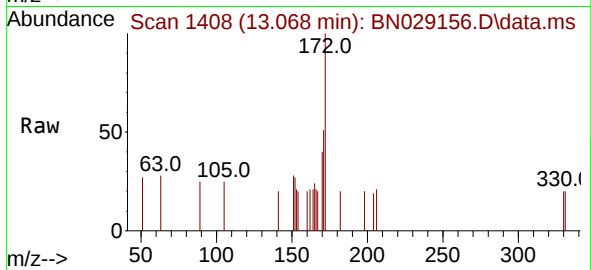




#15
2-Fluorobiphenyl
Concen: 0.097 ng
RT: 13.068 min Scan# 1407
Delta R.T. 0.011 min
Lab File: BN029156.D
Acq: 21 Dec 2023 18:32

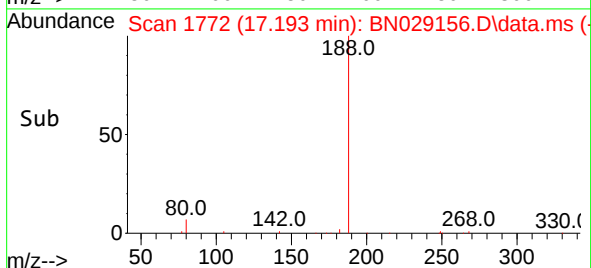
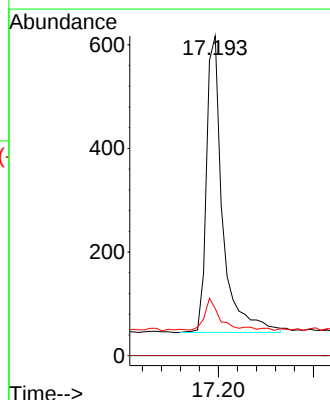
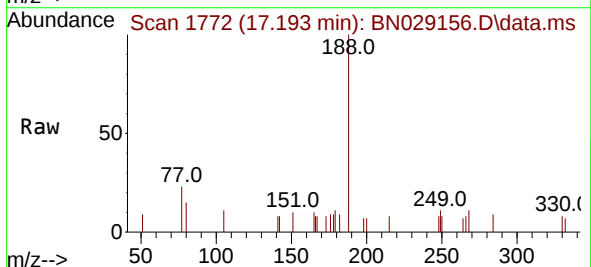
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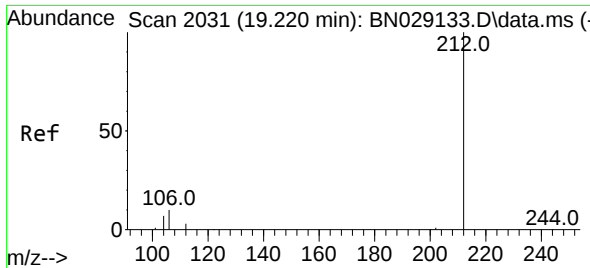
Tgt Ion:172 Resp: 486
Ion Ratio Lower Upper
172 100
171 50.6 32.2 48.4#
170 39.9 25.0 37.4#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.193 min Scan# 1772
Delta R.T. 0.012 min
Lab File: BN029156.D
Acq: 21 Dec 2023 18:32

Tgt Ion:188 Resp: 1348
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.7 13.7 20.5

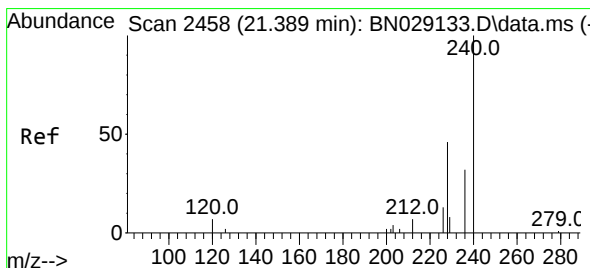
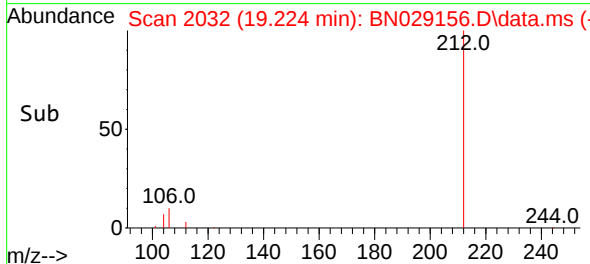
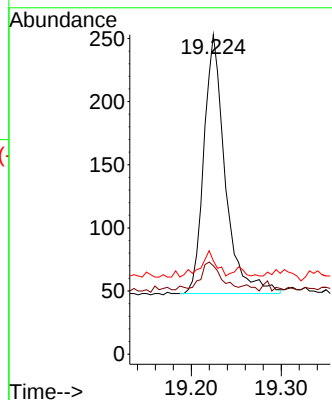
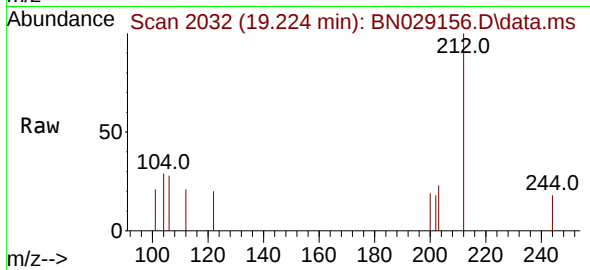




#27
Fluoranthene-d10
Concen: 0.103 ng
RT: 19.224 min Scan# 2031
Delta R.T. 0.005 min
Lab File: BN029156.D
Acq: 21 Dec 2023 18:32

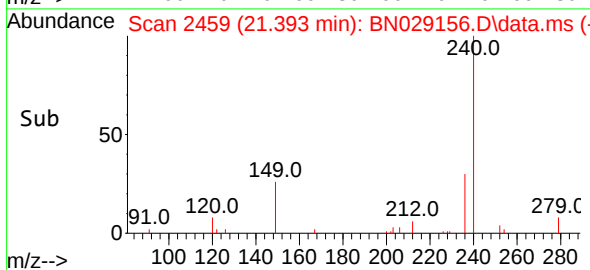
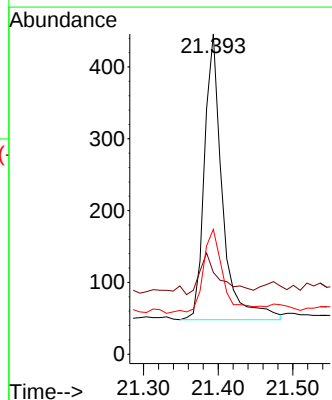
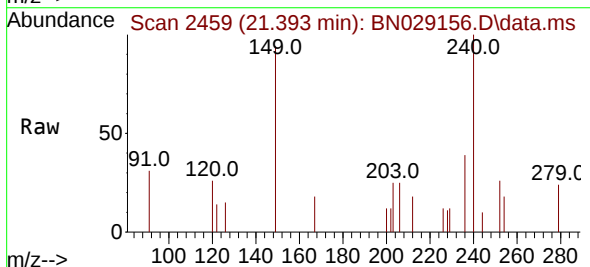
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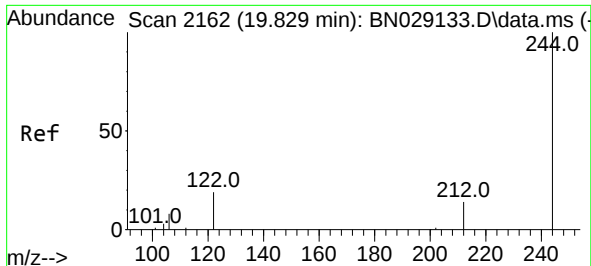
Tgt Ion:212 Resp: 337
Ion Ratio Lower Upper
212 100
106 9.2 9.6 14.4#
104 7.4 6.5 9.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2459
Delta R.T. 0.004 min
Lab File: BN029156.D
Acq: 21 Dec 2023 18:32

Tgt Ion:240 Resp: 666
Ion Ratio Lower Upper
240 100
120 25.6 21.4 32.0
236 39.0 33.5 50.3

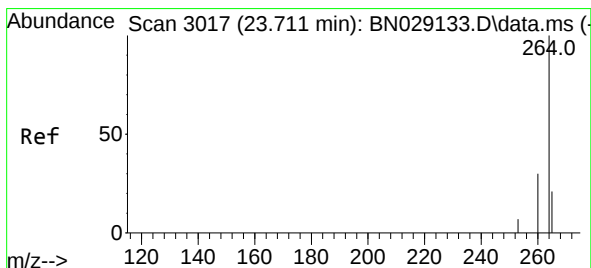
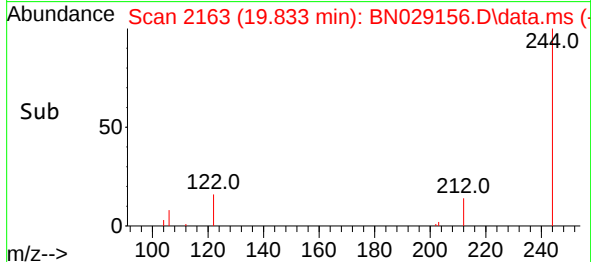
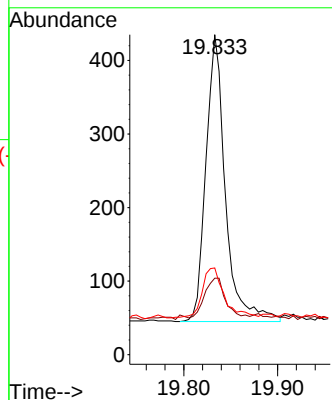
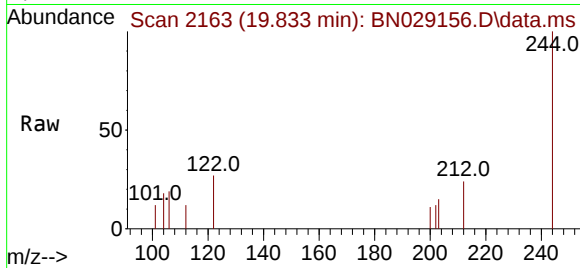




#31
 Terphenyl-d14
 Concen: 0.307 ng
 RT: 19.833 min Scan# 2163
 Delta R.T. 0.005 min
 Lab File: BN029156.D
 Acq: 21 Dec 2023 18:32

Instrument :
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Tgt Ion:244	Resp:	562	
Ion	Ratio	Lower	Upper
244	100		
212	23.9	19.0	28.6
122	27.1	22.5	33.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.715 min Scan# 3020
 Delta R.T. 0.004 min
 Lab File: BN029156.D
 Acq: 21 Dec 2023 18:32

Tgt Ion:264	Resp:	878	
Ion	Ratio	Lower	Upper
264	100		
260	36.7	31.0	46.6
265	137.6	105.3	157.9

