

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
 Data File : BN033583.D
 Acq On : 23 Aug 2024 11:10
 Operator : MA/JU
 Sample : PB162860BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB162860BL

Quant Time: Aug 23 13:38:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 00:22:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	7177	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	18983	0.400	ng	# 0.00
13) Acenaphthene-d10	14.178	164	9485	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	20047	0.400	ng	0.00
29) Chrysene-d12	21.139	240	14505	0.400	ng	# 0.00
35) Perylene-d12	23.303	264	14874	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.176	112	7243	0.318	ng	0.00
5) Phenol-d6	6.729	99	8783	0.324	ng	0.00
8) Nitrobenzene-d5	8.670	82	6137	0.390	ng	-0.01
11) 2-Methylnaphthalene-d10	11.900	152	10256	0.378	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	1330	0.261	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	14704	0.380	ng	0.00
27) Fluoranthene-d10	18.970	212	19136	0.397	ng	0.00
31) Terphenyl-d14	19.583	244	13768	0.418	ng	0.00

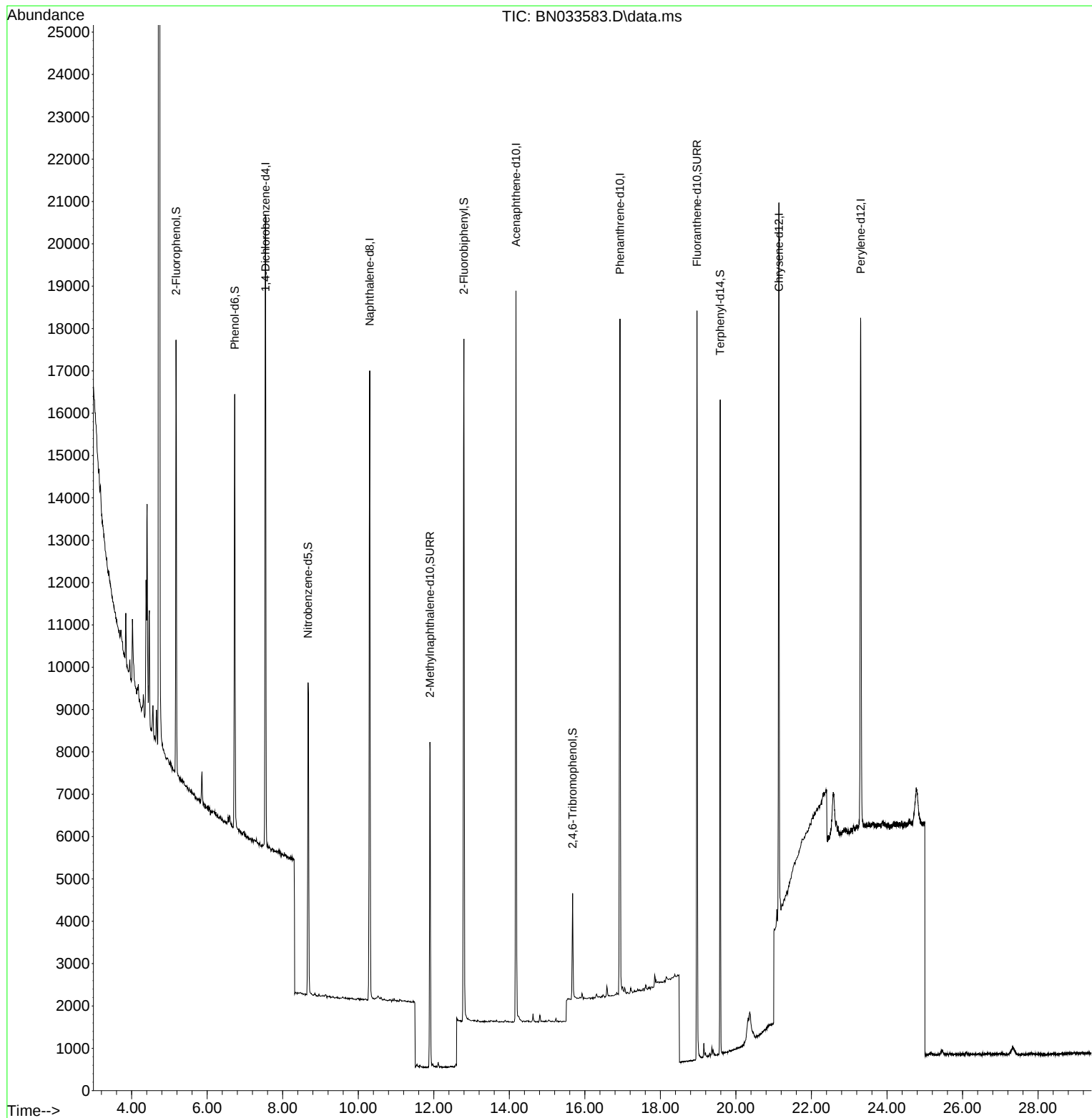
Target Compounds Qvalue

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

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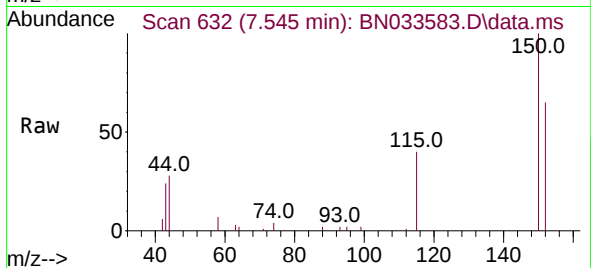
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
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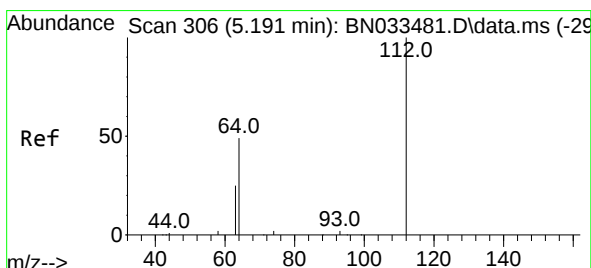
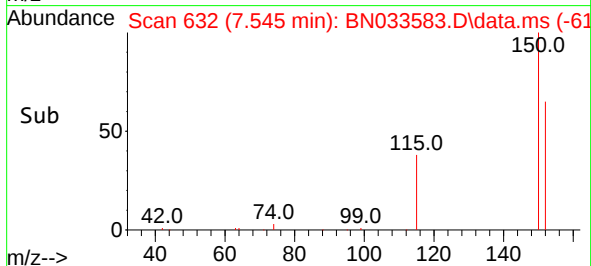
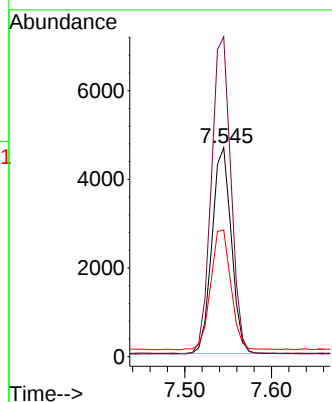


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN033583.D
Acq: 23 Aug 2024 11:10

Instrument :
BNA_N
ClientSampleId :
PB162860BL

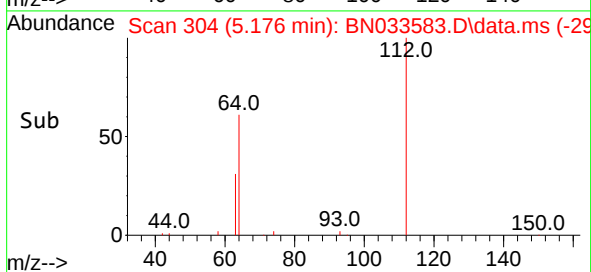
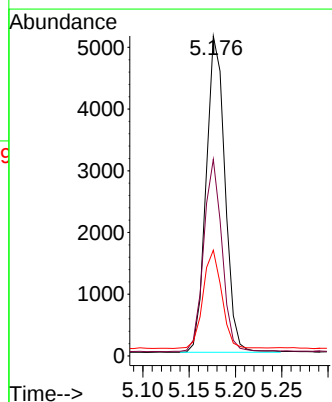
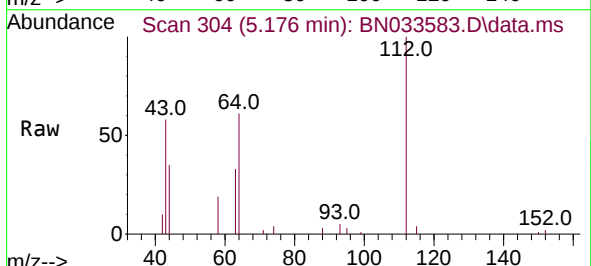


Tgt Ion:152 Resp: 7177
Ion Ratio Lower Upper
152 100
150 153.2 122.2 183.2
115 60.6 47.2 70.8



#4
2-Fluorophenol
Concen: 0.318 ng
RT: 5.176 min Scan# 304
Delta R.T. -0.000 min
Lab File: BN033583.D
Acq: 23 Aug 2024 11:10

Tgt Ion:112 Resp: 7243
Ion Ratio Lower Upper
112 100
64 59.0 47.1 70.7
63 30.8 24.9 37.3

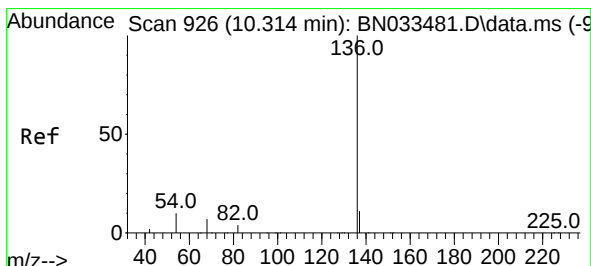
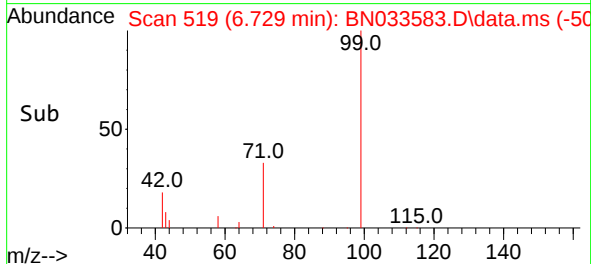
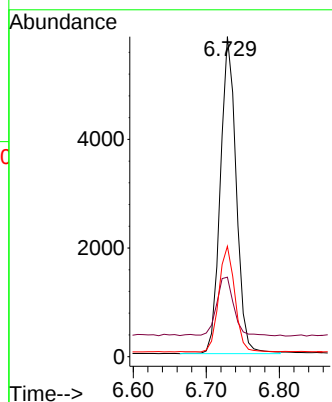
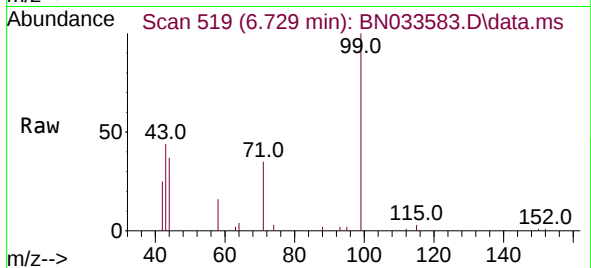




#5
Phenol-d6
Concen: 0.324 ng
RT: 6.729 min Scan# 519
Delta R.T. -0.000 min
Lab File: BN033583.D
Acq: 23 Aug 2024 11:10

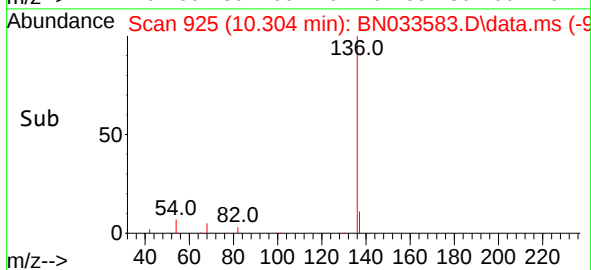
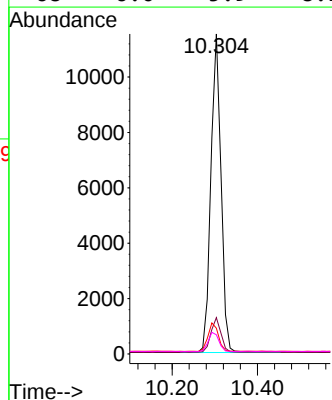
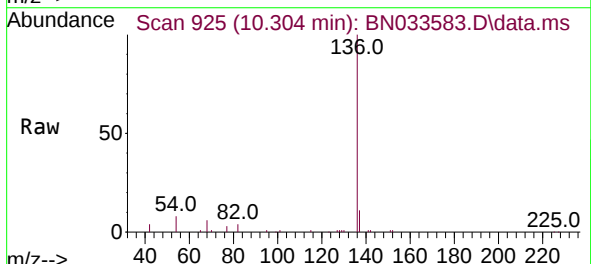
Instrument :
BNA_N
ClientSampleId :
PB162860BL

Tgt Ion: 99 Resp: 8783
Ion Ratio Lower Upper
99 100
42 19.7 16.6 24.8
71 33.4 26.2 39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 925
Delta R.T. -0.000 min
Lab File: BN033583.D
Acq: 23 Aug 2024 11:10

Tgt Ion: 136 Resp: 18983
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 8.1 8.3 12.5#
68 6.0 5.9 8.9

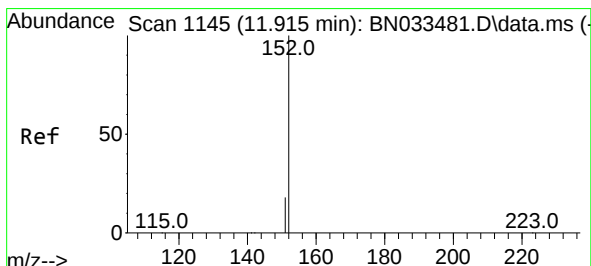
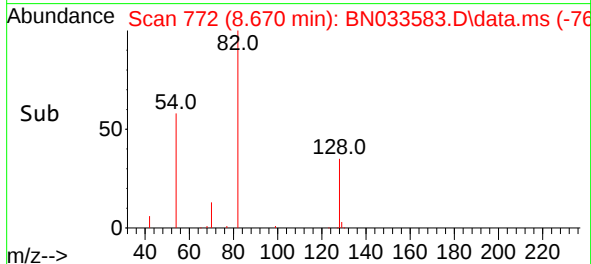
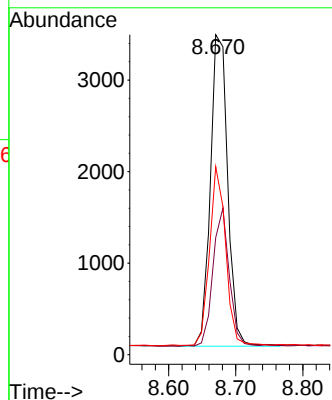
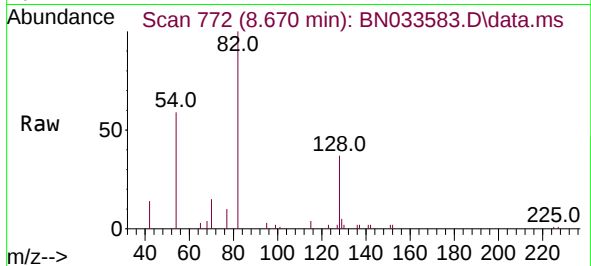




#8
 Nitrobenzene-d5
 Concen: 0.390 ng
 RT: 8.670 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN033583.D
 Acq: 23 Aug 2024 11:10

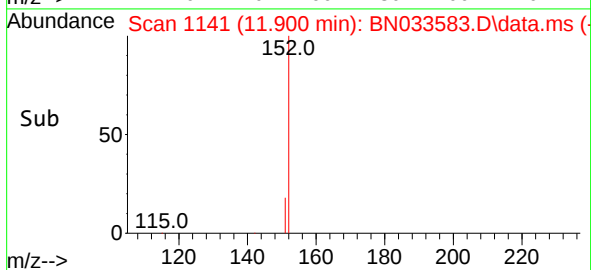
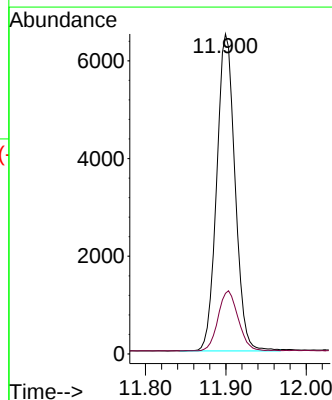
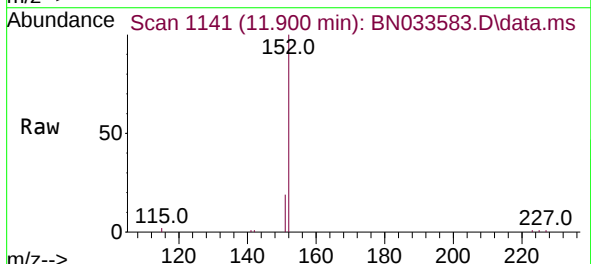
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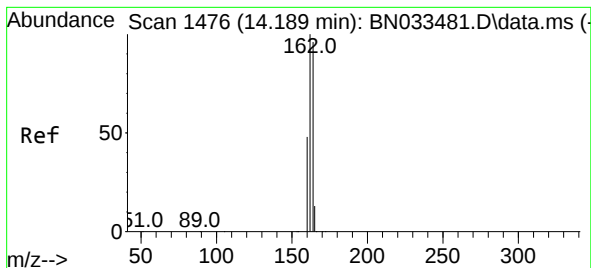
Tgt Ion: 82 Resp: 6137
 Ion Ratio Lower Upper
 82 100
 128 36.6 36.0 54.0
 54 58.8 42.0 63.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.378 ng
 RT: 11.900 min Scan# 1141
 Delta R.T. -0.004 min
 Lab File: BN033583.D
 Acq: 23 Aug 2024 11:10

Tgt Ion: 152 Resp: 10256
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.178 min Scan# 14

Delta R.T. -0.000 min

Lab File: BN033583.D

Acq: 23 Aug 2024 11:10

Instrument :

BNA_N

ClientSampleId :

PB162860BL

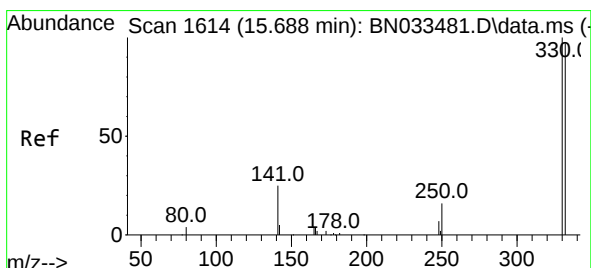
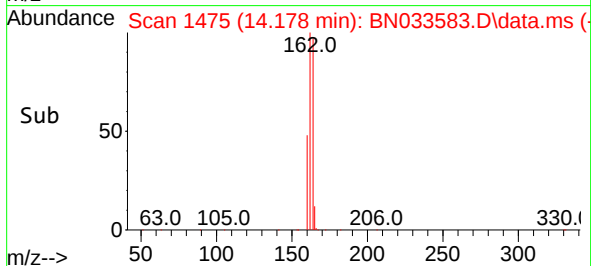
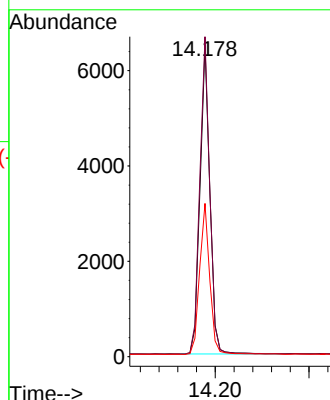
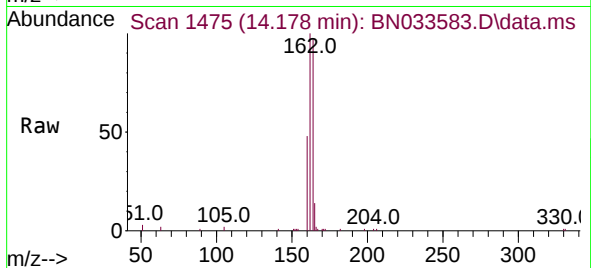
Tgt Ion:164 Resp: 9485

Ion Ratio Lower Upper

164 100

162 102.8 83.5 125.3

160 49.2 40.2 60.4



#14

2,4,6-Tribromophenol

Concen: 0.261 ng

RT: 15.676 min Scan# 1613

Delta R.T. -0.000 min

Lab File: BN033583.D

Acq: 23 Aug 2024 11:10

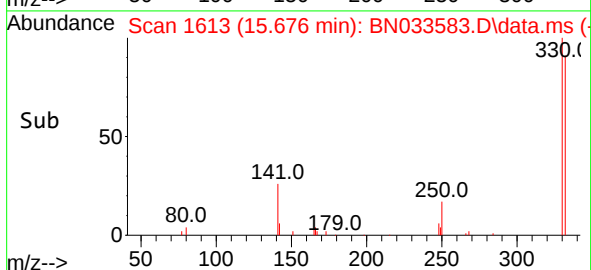
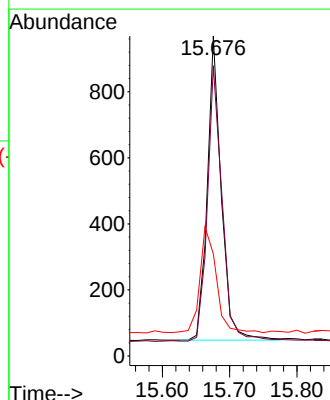
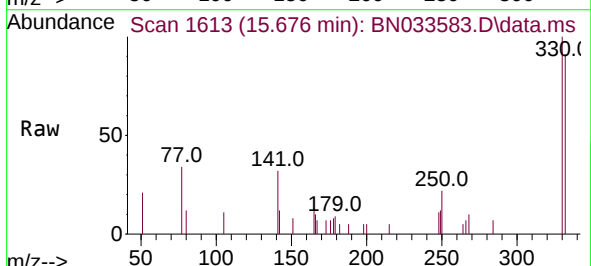
Tgt Ion:330 Resp: 1330

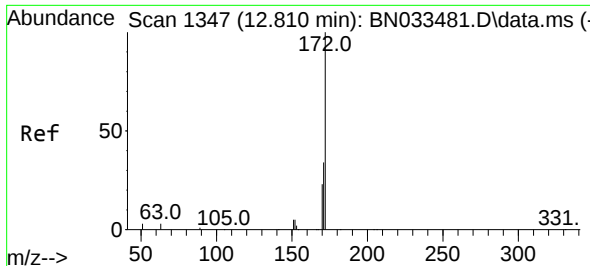
Ion Ratio Lower Upper

330 100

332 95.1 77.5 116.3

141 40.0 33.9 50.9

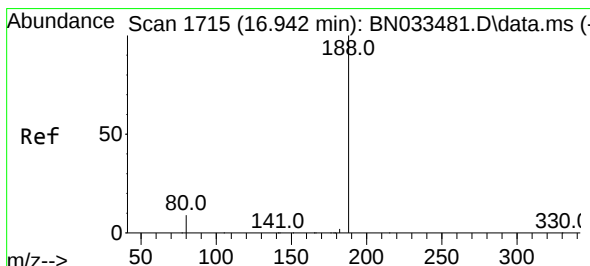
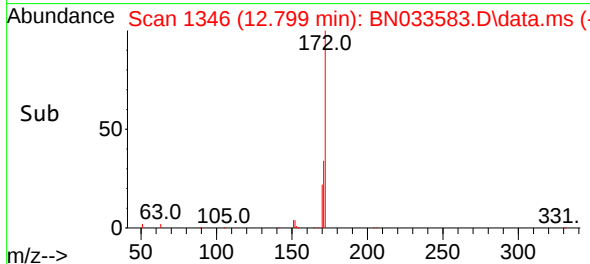
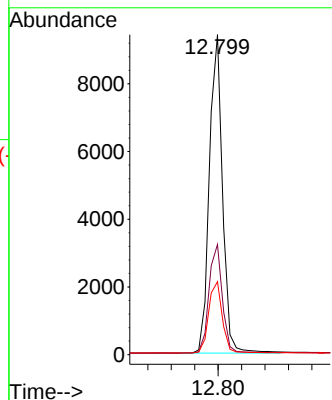
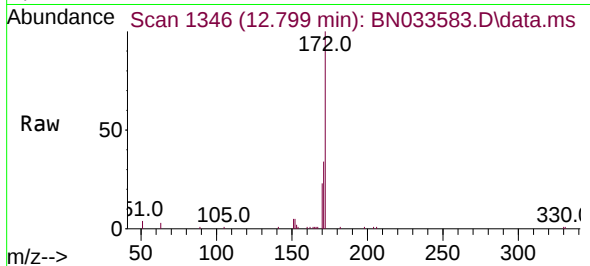




#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 12.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033583.D
Acq: 23 Aug 2024 11:10

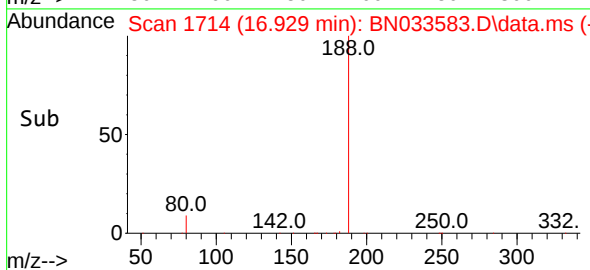
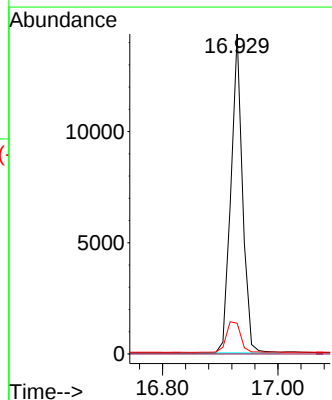
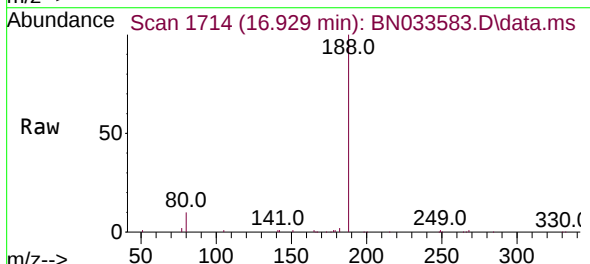
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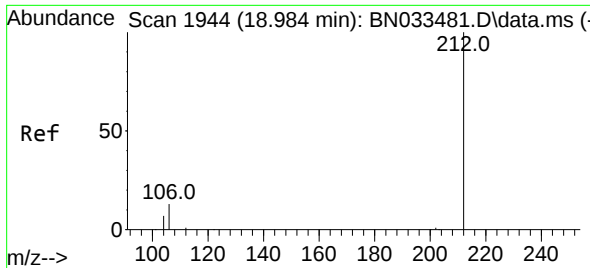
Tgt Ion:172 Resp: 14704
Ion Ratio Lower Upper
172 100
171 34.5 27.7 41.5
170 22.8 18.3 27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BN033583.D
Acq: 23 Aug 2024 11:10

Tgt Ion:188 Resp: 20047
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 7.8 11.8

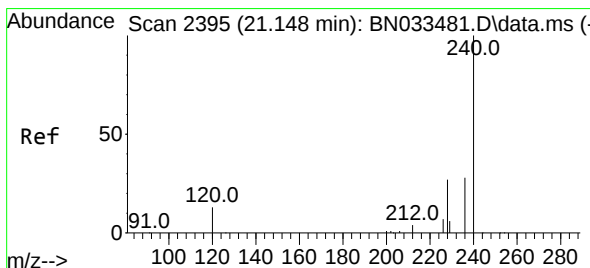
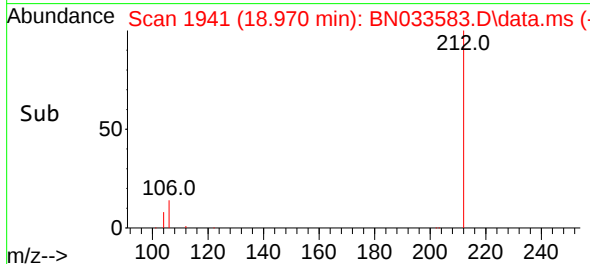
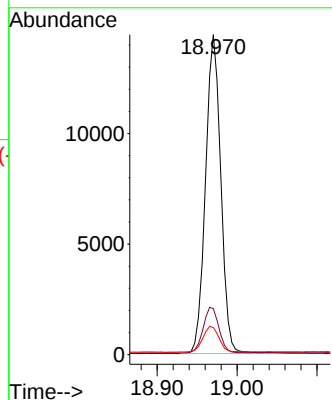
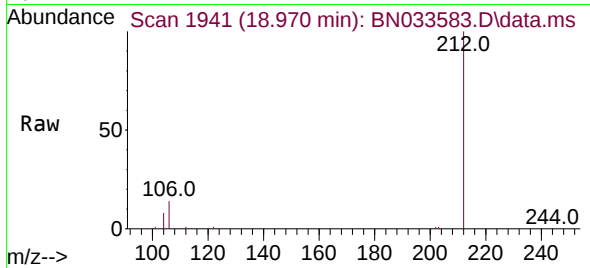




#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 18.970 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BN033583.D
Acq: 23 Aug 2024 11:10

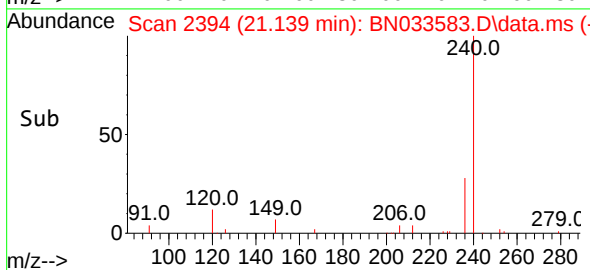
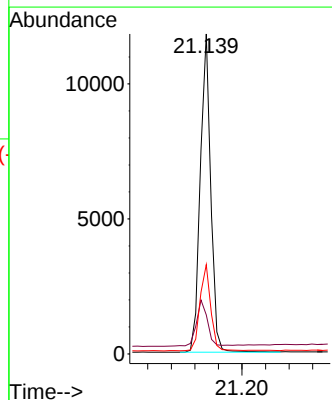
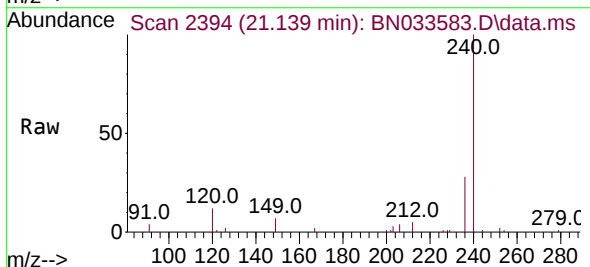
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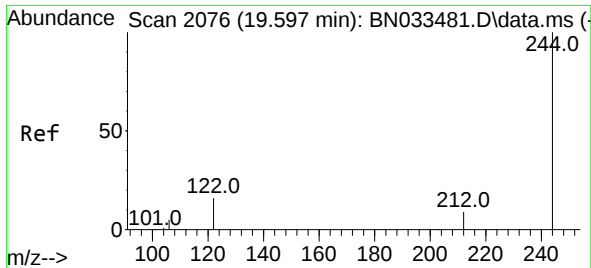
Tgt Ion:212 Resp: 19136
Ion Ratio Lower Upper
212 100
106 14.8 12.3 18.5
104 8.6 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BN033583.D
Acq: 23 Aug 2024 11:10

Tgt Ion:240 Resp: 14505
Ion Ratio Lower Upper
240 100
120 12.2 12.4 18.6#
236 27.9 23.0 34.6

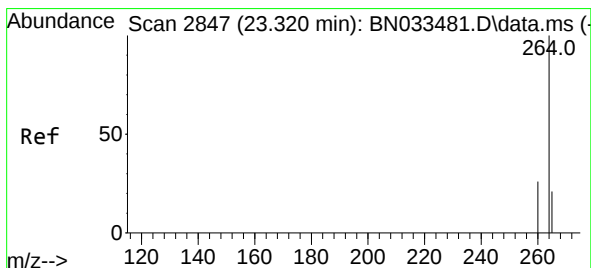
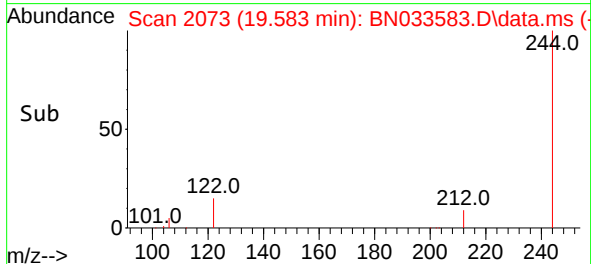
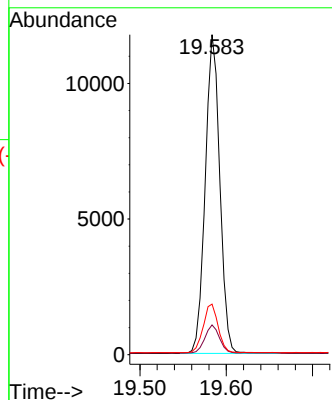
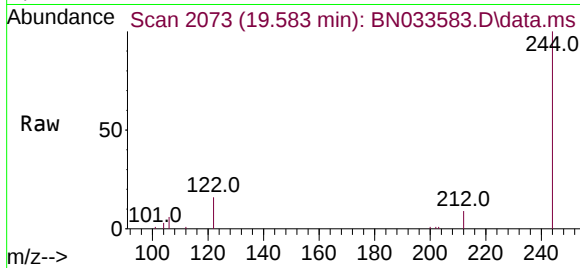




#31
Terphenyl-d14
Concen: 0.418 ng
RT: 19.583 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN033583.D
Acq: 23 Aug 2024 11:10

Instrument :
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Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.8	11.6
122	15.8	13.3	19.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.303 min Scan# 2841
Delta R.T. -0.000 min
Lab File: BN033583.D
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.8	31.2
265	68.0	52.2	78.2

