

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
 Data File : BN033504.D
 Acq On : 20 Aug 2024 13:59
 Operator : MA/JU
 Sample : SP6605
 Misc : 8270 SIM SURROGATE
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP6605

Quant Time: Aug 20 14:27:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 23:32:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	9694	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	24835	0.400	ng	# 0.00
13) Acenaphthene-d10	14.189	164	11184	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	20155	0.400	ng	0.00
29) Chrysene-d12	21.148	240	11312	0.400	ng	0.00
35) Perylene-d12	23.317	264	12280	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	9364	0.304	ng	0.00
5) Phenol-d6	6.736	99	10782	0.294	ng	0.00
8) Nitrobenzene-d5	8.681	82	7689	0.373	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	12994	0.366	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	1137	0.189	ng	0.00
15) 2-Fluorobiphenyl	12.809	172	18679	0.409	ng	0.00
27) Fluoranthene-d10	18.979	212	16513	0.341	ng	0.00
31) Terphenyl-d14	19.593	244	10909	0.424	ng	0.00

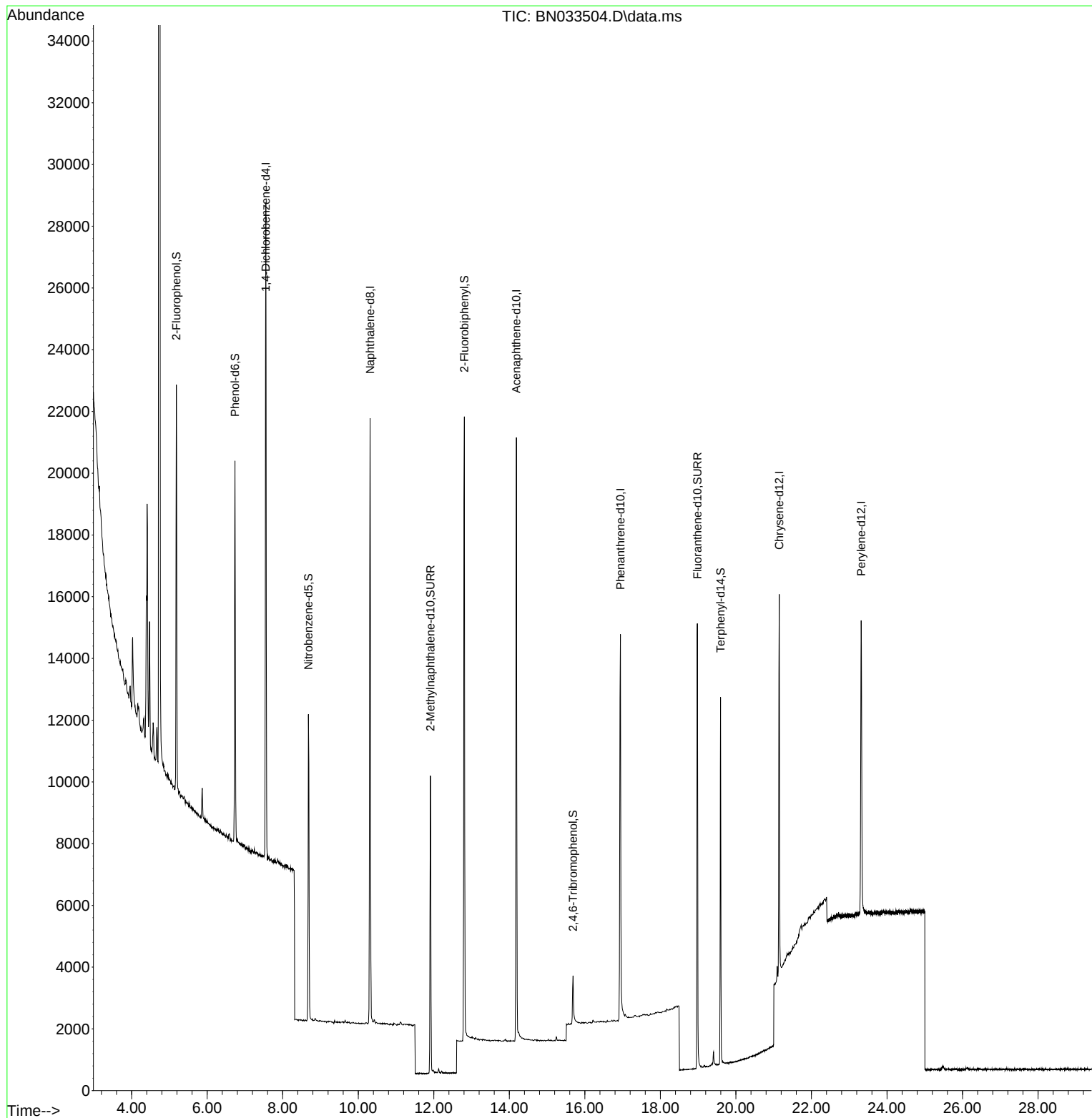
Target Compounds Qvalue

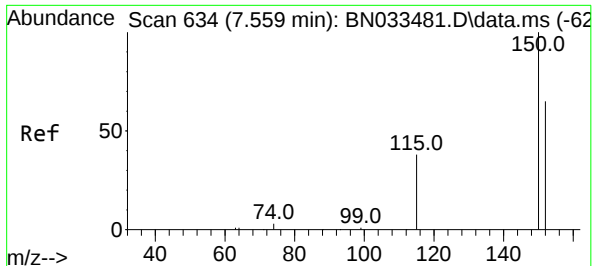
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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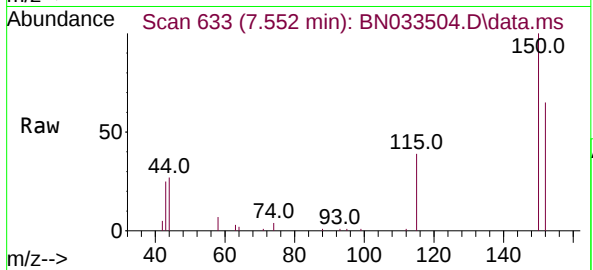
Quant Time: Aug 20 14:27:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
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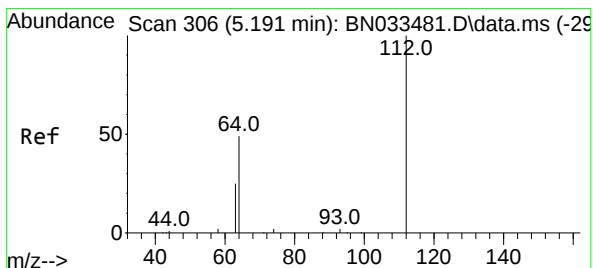
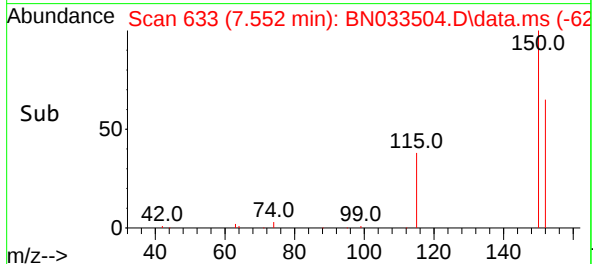
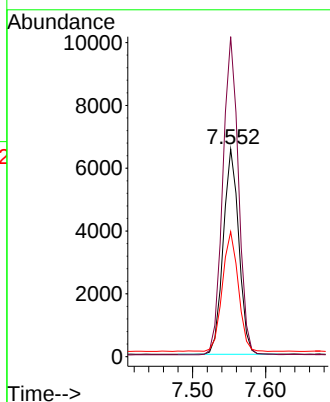


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033504.D
Acq: 20 Aug 2024 13:59

Instrument :
BNA_N
ClientSampleId :
SP6605

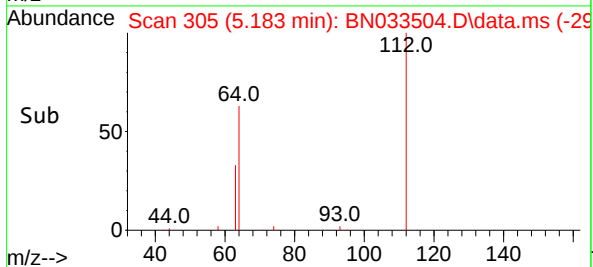
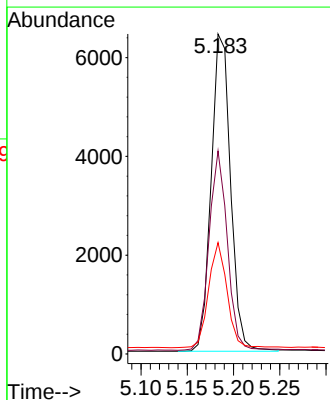
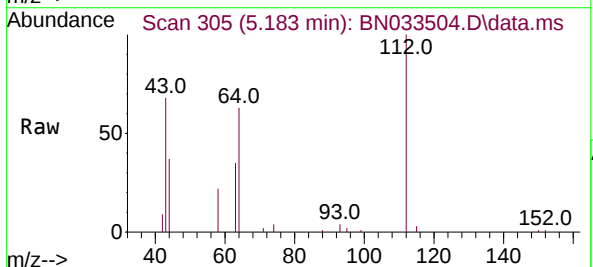


Tgt Ion:152 Resp: 9694
Ion Ratio Lower Upper
152 100
150 154.1 122.2 183.2
115 60.2 47.2 70.8



#4
2-Fluorophenol
Concen: 0.304 ng
RT: 5.183 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN033504.D
Acq: 20 Aug 2024 13:59

Tgt Ion:112 Resp: 9364
Ion Ratio Lower Upper
112 100
64 59.5 47.1 70.7
63 31.6 24.9 37.3

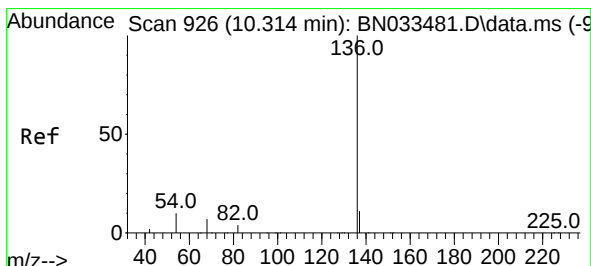
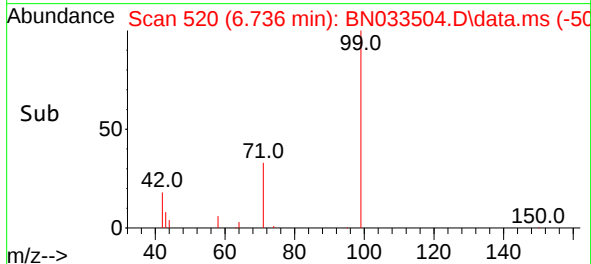
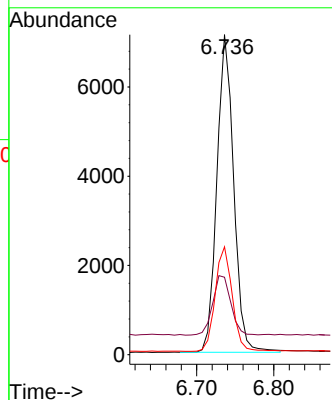
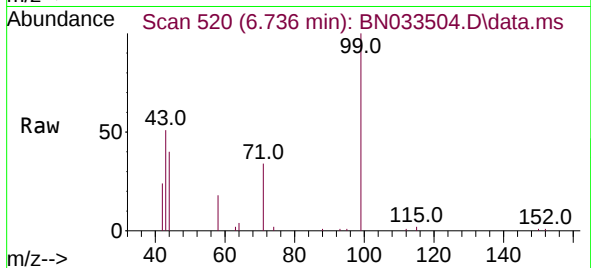




#5
Phenol-d6
Concen: 0.294 ng
RT: 6.736 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033504.D
Acq: 20 Aug 2024 13:59

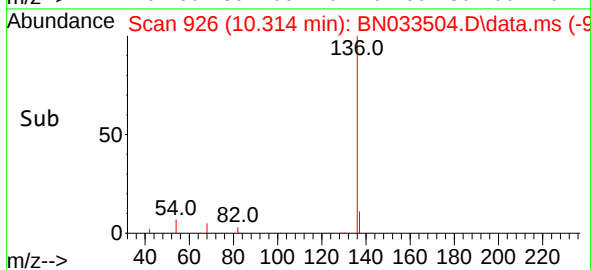
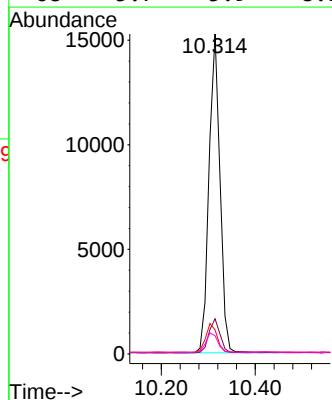
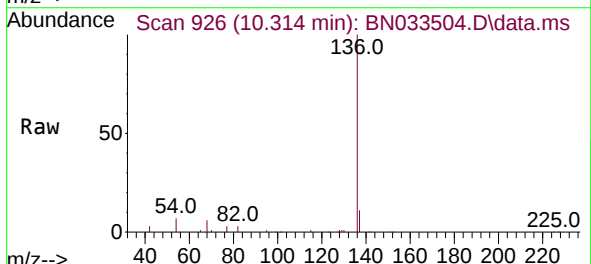
Instrument :
BNA_N
ClientSampleId :
SP6605

Tgt Ion: 99 Resp: 10782
Ion Ratio Lower Upper
99 100
42 20.0 16.6 24.8
71 33.2 26.2 39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 926
Delta R.T. -0.000 min
Lab File: BN033504.D
Acq: 20 Aug 2024 13:59

Tgt Ion: 136 Resp: 24835
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 7.5 8.3 12.5#
68 5.7 5.9 8.9#

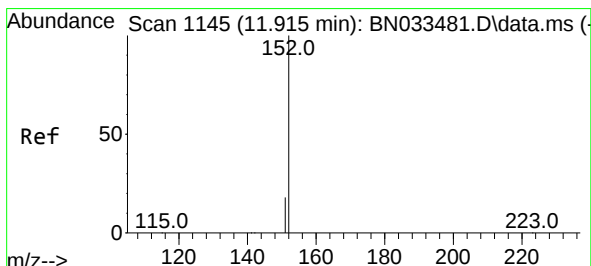
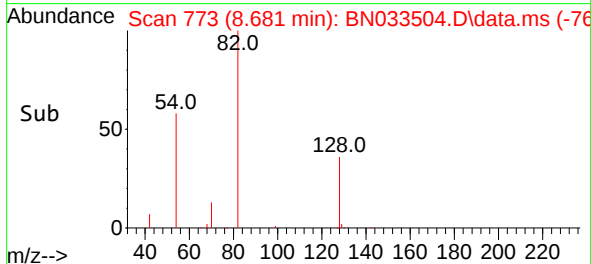
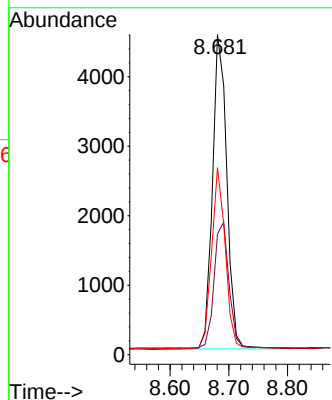
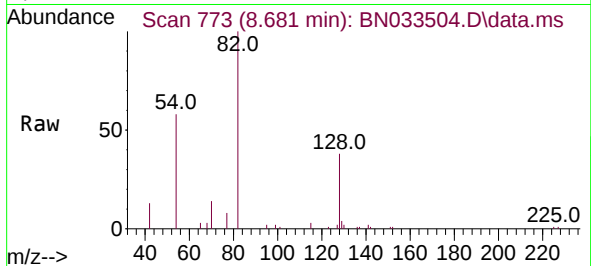




#8
Nitrobenzene-d5
Concen: 0.373 ng
RT: 8.681 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN033504.D
Acq: 20 Aug 2024 13:59

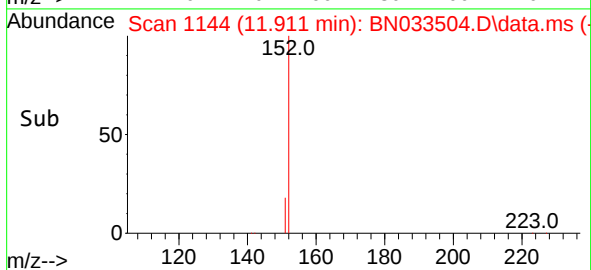
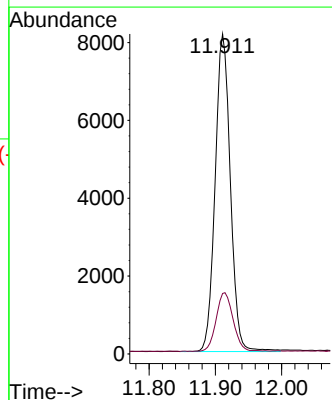
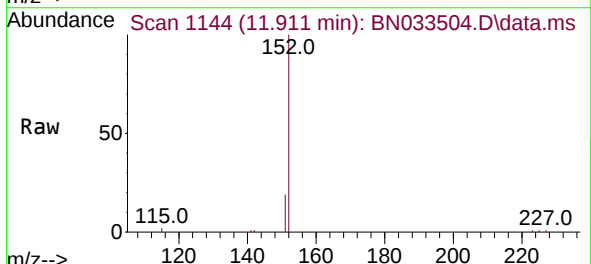
Instrument :
BNA_N
ClientSampleId :
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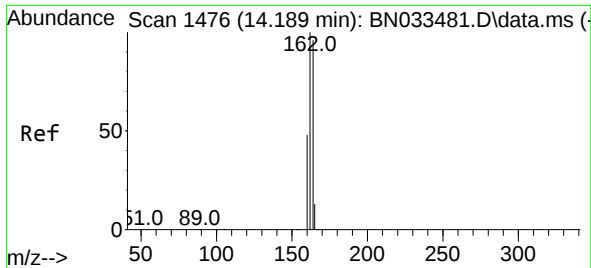
Tgt Ion: 82 Resp: 7689
Ion Ratio Lower Upper
82 100
128 37.7 36.0 54.0
54 58.4 42.0 63.0



#11
2-Methylnaphthalene-d10
Concen: 0.366 ng
RT: 11.911 min Scan# 1144
Delta R.T. -0.004 min
Lab File: BN033504.D
Acq: 20 Aug 2024 13:59

Tgt Ion: 152 Resp: 12994
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0

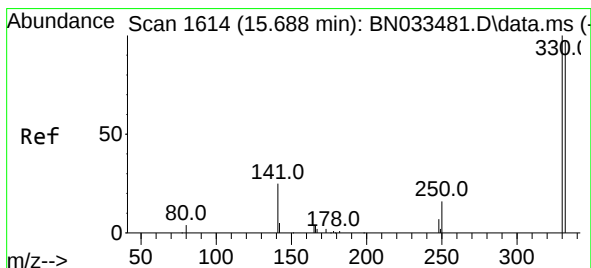
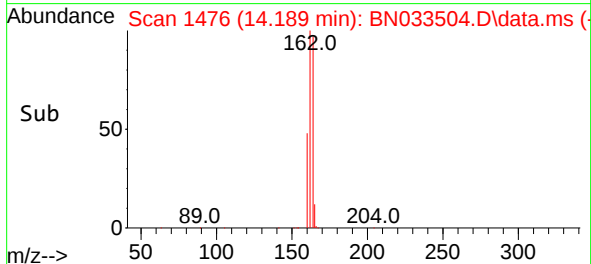
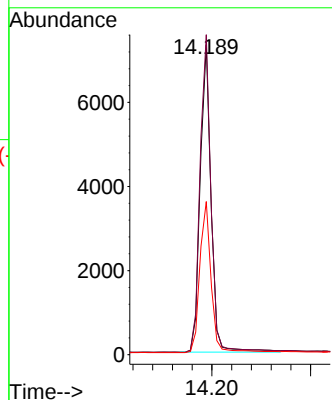
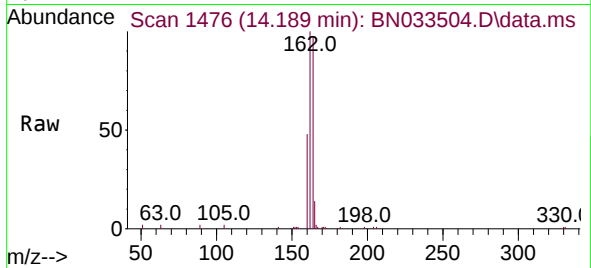




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN033504.D
Acq: 20 Aug 2024 13:59

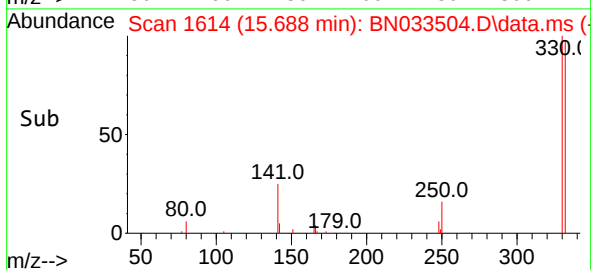
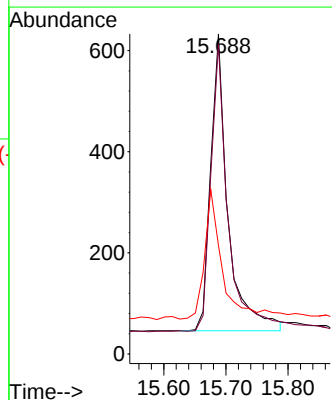
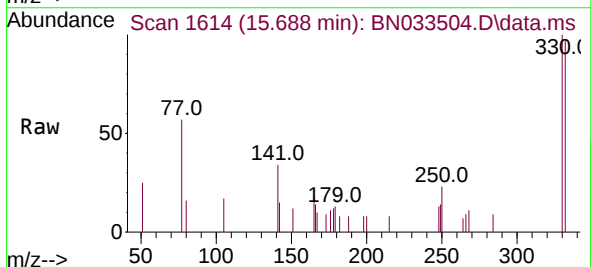
Instrument :
BNA_N
ClientSampleId :
SP6605

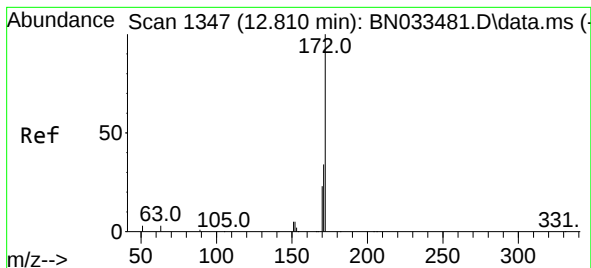
Tgt Ion:164 Resp: 11184
Ion Ratio Lower Upper
164 100
162 103.3 83.5 125.3
160 49.4 40.2 60.4



#14
2,4,6-Tribromophenol
Concen: 0.189 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BN033504.D
Acq: 20 Aug 2024 13:59

Tgt Ion:330 Resp: 1137
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 45.3 33.9 50.9





#15

2-Fluorobiphenyl

Concen: 0.409 ng

RT: 12.809 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN033504.D

Acq: 20 Aug 2024 13:59

Instrument :

BNA_N

ClientSampleId :

SP6605

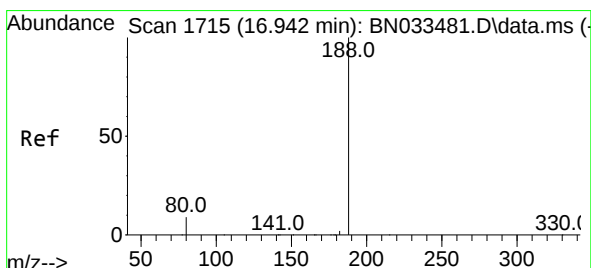
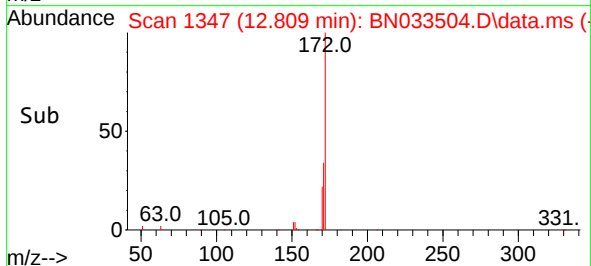
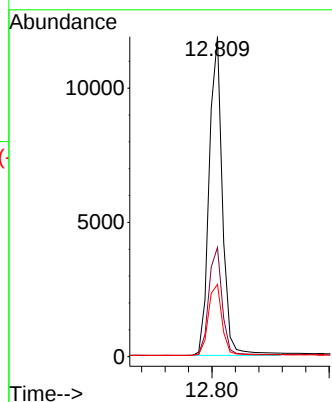
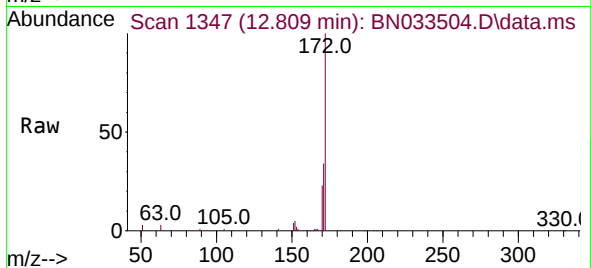
Tgt Ion:172 Resp: 18679

Ion Ratio Lower Upper

172 100

171 34.1 27.7 41.5

170 22.6 18.3 27.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 1715

Delta R.T. -0.000 min

Lab File: BN033504.D

Acq: 20 Aug 2024 13:59

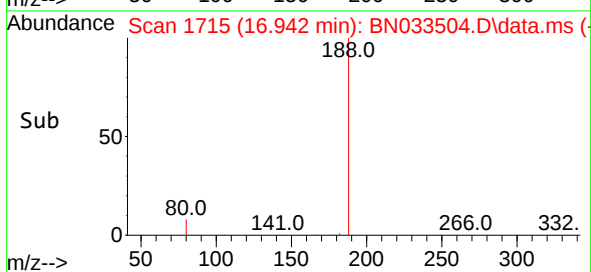
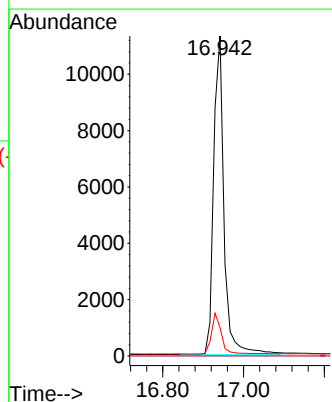
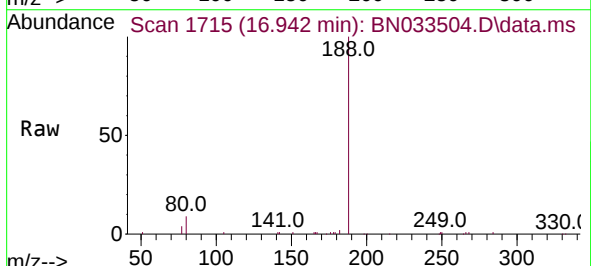
Tgt Ion:188 Resp: 20155

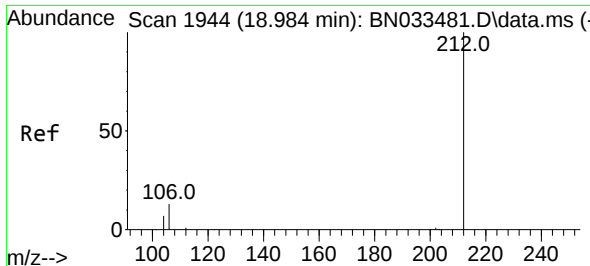
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.8 7.8 11.8

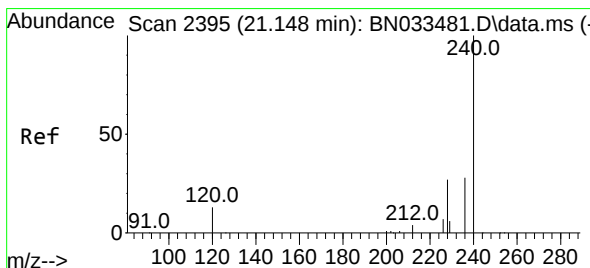
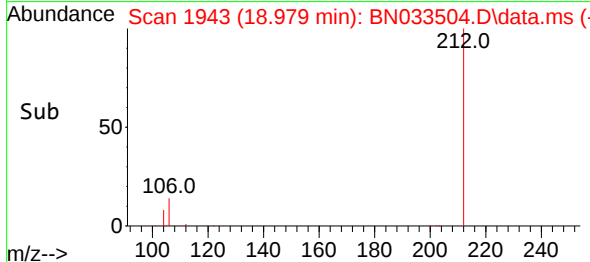
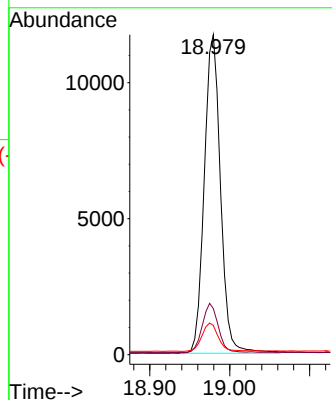
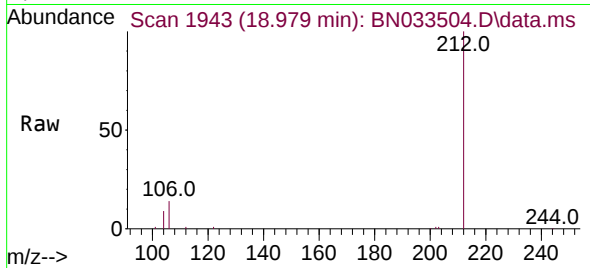




#27
Fluoranthene-d10
Concen: 0.341 ng
RT: 18.979 min Scan# 1943
Delta R.T. -0.005 min
Lab File: BN033504.D
Acq: 20 Aug 2024 13:59

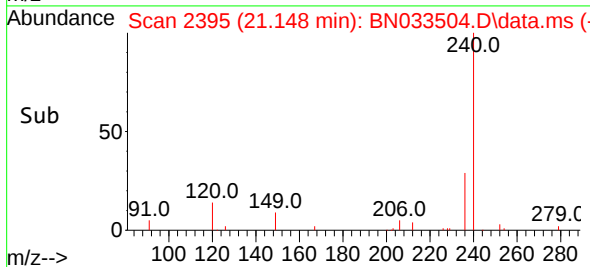
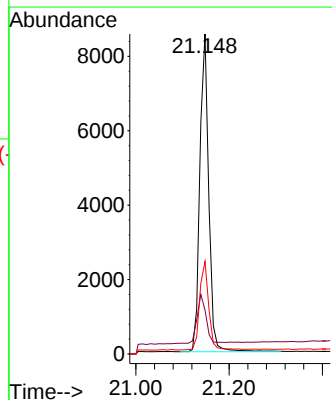
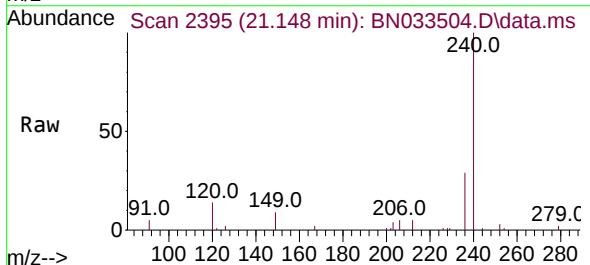
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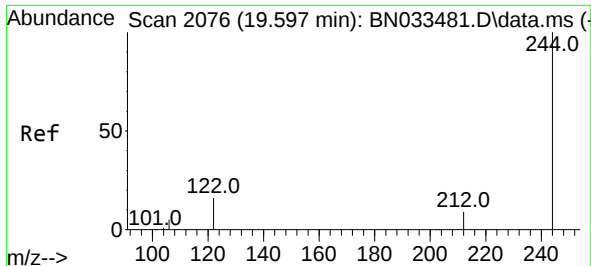
Tgt Ion:212 Resp: 16513
Ion Ratio Lower Upper
212 100
106 15.1 12.3 18.5
104 8.9 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BN033504.D
Acq: 20 Aug 2024 13:59

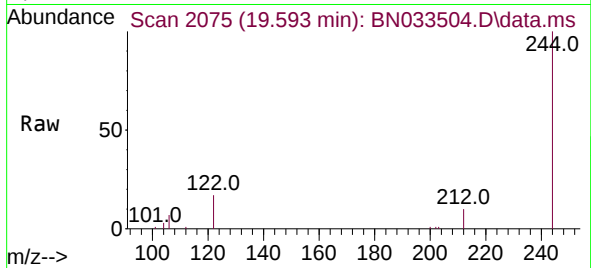
Tgt Ion:240 Resp: 11312
Ion Ratio Lower Upper
240 100
120 13.8 12.4 18.6
236 29.0 23.0 34.6



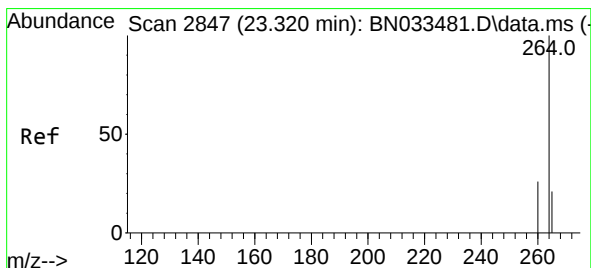
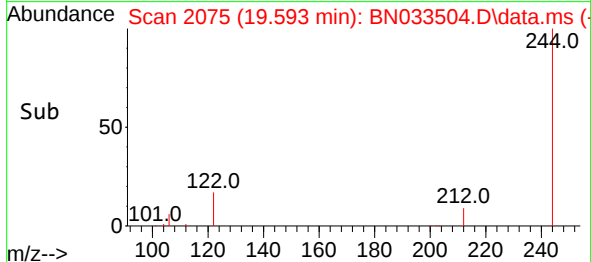
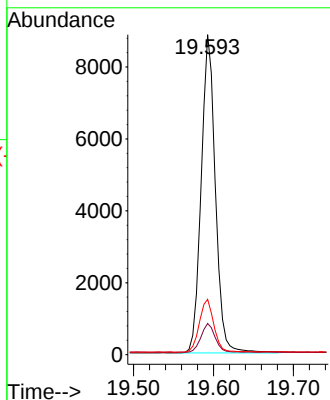


#31
Terphenyl-d14
Concen: 0.424 ng
RT: 19.593 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BN033504.D
Acq: 20 Aug 2024 13:59

Instrument :
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ClientSampleId :
SP6605



Tgt Ion:244 Resp: 10909
Ion Ratio Lower Upper
244 100
212 9.8 7.8 11.6
122 17.3 13.3 19.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.317 min Scan# 2846
Delta R.T. -0.003 min
Lab File: BN033504.D
Acq: 20 Aug 2024 13:59

Tgt Ion:264 Resp: 12280
Ion Ratio Lower Upper
264 100
260 26.0 20.8 31.2
265 75.0 52.2 78.2

