

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
 Data File : BN029165.D
 Acq On : 21 Dec 2023 23:55
 Operator : MA/JU
 Sample : 05921-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20231218

Quant Time: Dec 22 00:34:04 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

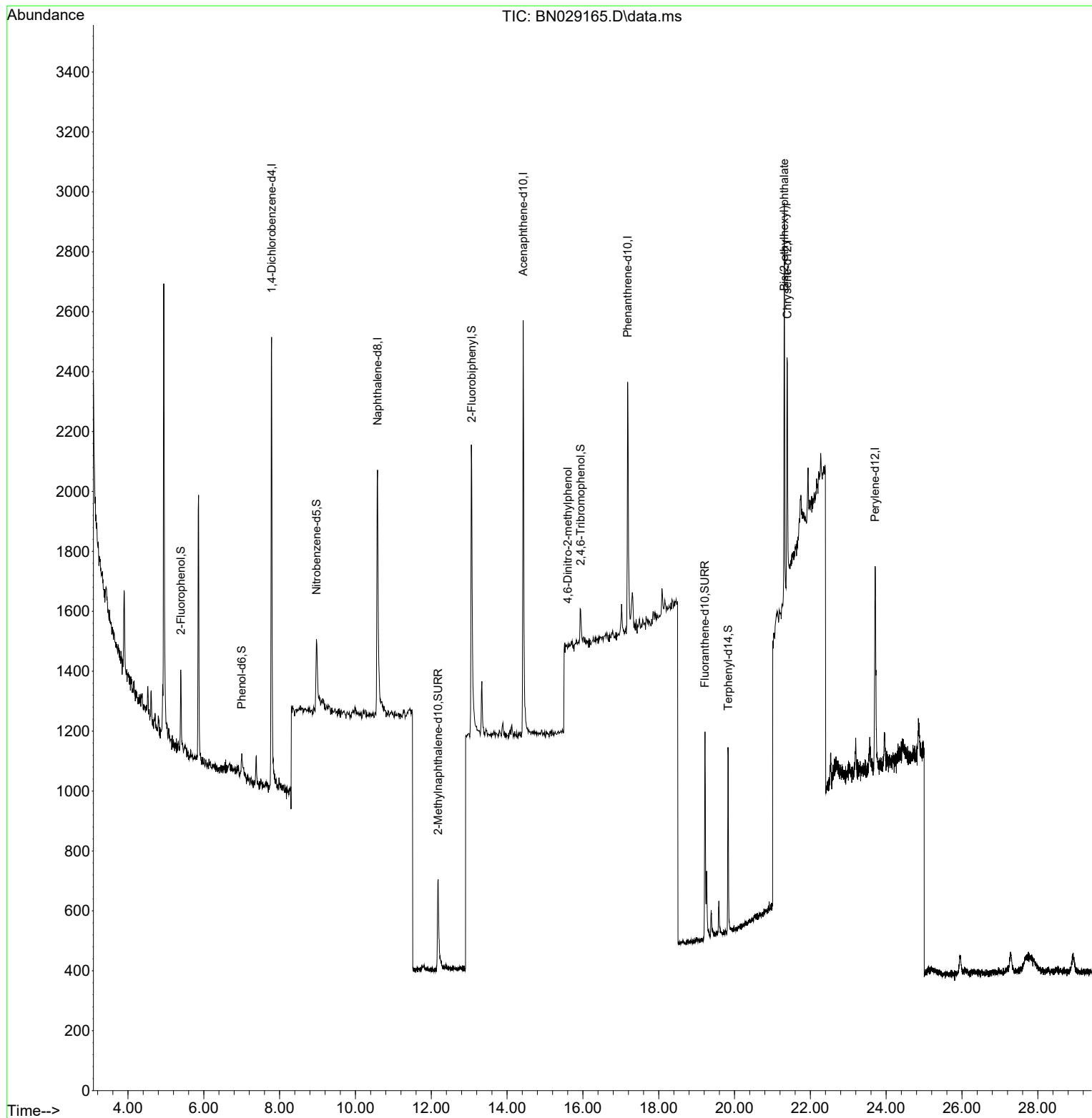
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	881	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	1698	0.400	ng	0.00
13) Acenaphthene-d10	14.425	164	956	0.400	ng	0.00
19) Phenanthrene-d10	17.181	188	1495	0.400	ng	0.00
29) Chrysene-d12	21.393	240	775	0.400	ng	0.00
35) Perylene-d12	23.709	264	950	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	214	0.101	ng	0.00
5) Phenol-d6	7.002	99	113	0.049	ng	0.00
8) Nitrobenzene-d5	8.971	82	480	0.217	ng	0.01
11) 2-Methylnaphthalene-d10	12.182	152	657	0.255	ng	0.01
14) 2,4,6-Tribromophenol	15.940	330	98	0.117	ng	0.01
15) 2-Fluorobiphenyl	13.068	172	1252	0.224	ng	0.01
27) Fluoranthene-d10	19.220	212	933	0.258	ng	0.00
31) Terphenyl-d14	19.833	244	562	0.264	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.605	198	3	0.067	ng	Qvalue # 44
34) Bis(2-ethylhexyl)phtha...	21.313	149	1261	0.210	ng	100

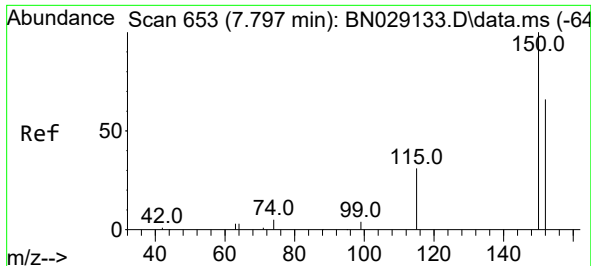
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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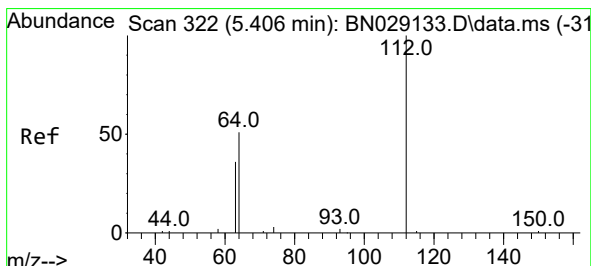
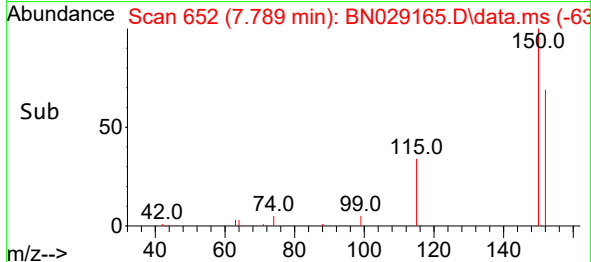
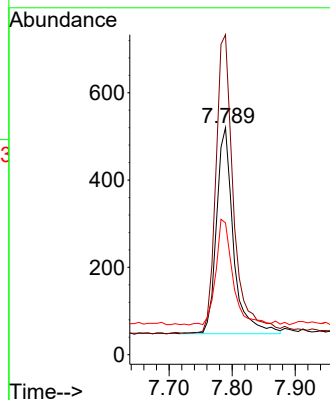
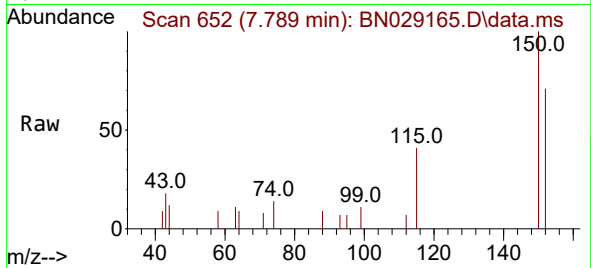




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.789 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN029165.D
Acq: 21 Dec 2023 23:55

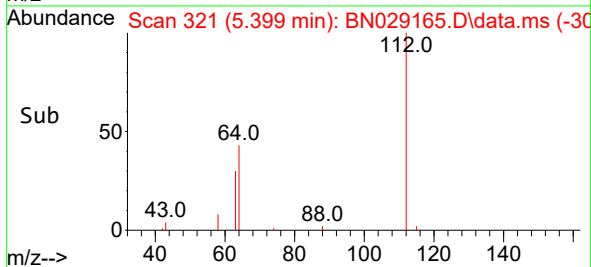
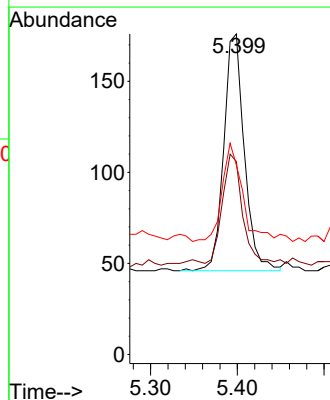
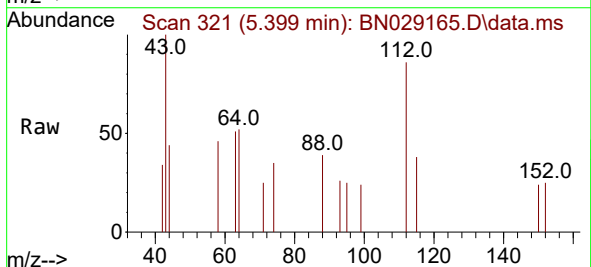
Instrument :
BNA_N
ClientSampleId :
SP-303-20231218

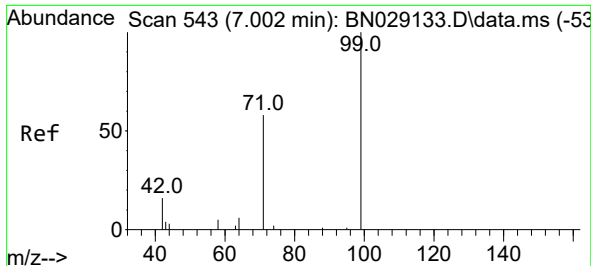
Tgt Ion:152 Resp: 881
Ion Ratio Lower Upper
152 100
150 141.0 117.6 176.4
115 58.1 44.2 66.2



#4
2-Fluorophenol
Concen: 0.101 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.007 min
Lab File: BN029165.D
Acq: 21 Dec 2023 23:55

Tgt Ion:112 Resp: 214
Ion Ratio Lower Upper
112 100
64 44.4 38.6 58.0
63 42.1 30.0 45.0

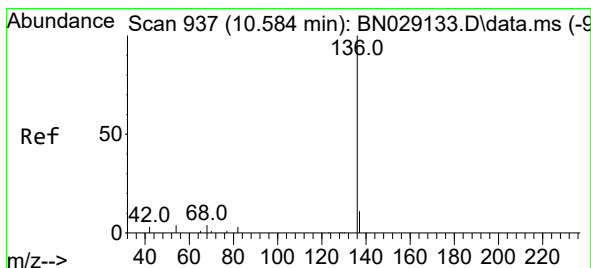
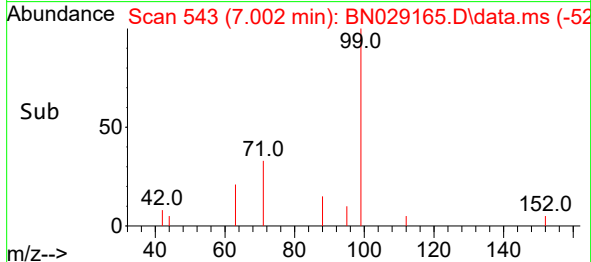
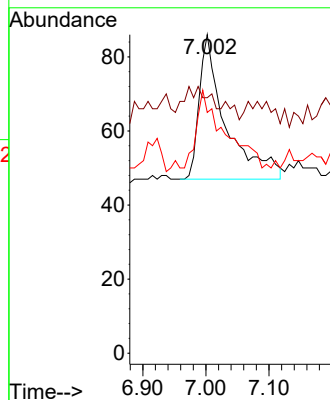
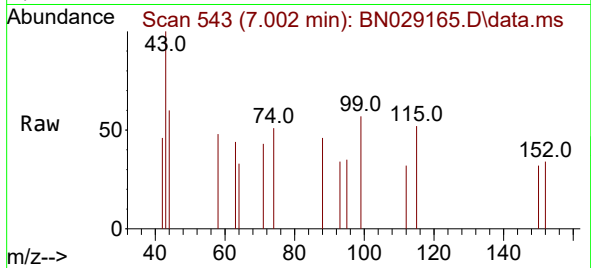




#5
Phenol-d6
Concen: 0.049 ng
RT: 7.002 min Scan# 543
Delta R.T. -0.000 min
Lab File: BN029165.D
Acq: 21 Dec 2023 23:55

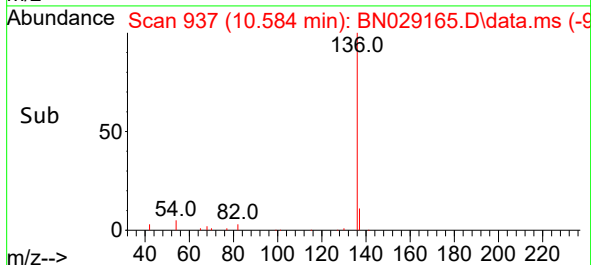
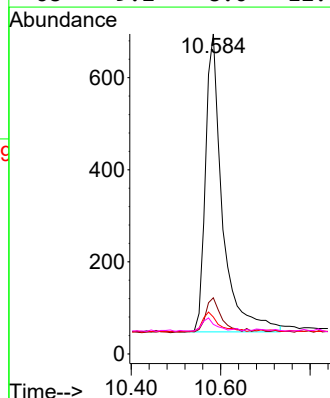
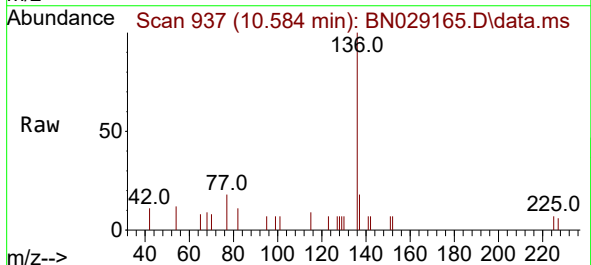
Instrument :
BNA_N
ClientSampleId :
SP-303-20231218

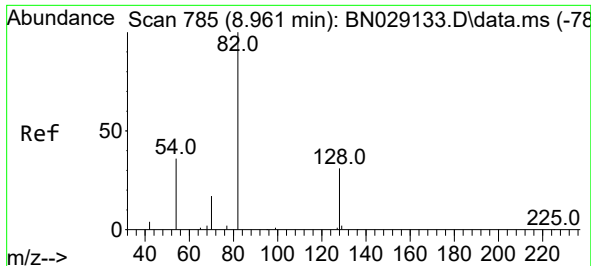
Tgt Ion: 99 Resp: 113
Ion Ratio Lower Upper
99 100
42 0.0 13.8 20.6#
71 57.5 45.4 68.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN029165.D
Acq: 21 Dec 2023 23:55

Tgt Ion: 136 Resp: 1698
Ion Ratio Lower Upper
136 100
137 17.6 13.4 20.0
54 11.5 8.6 13.0
68 9.2 8.0 12.0

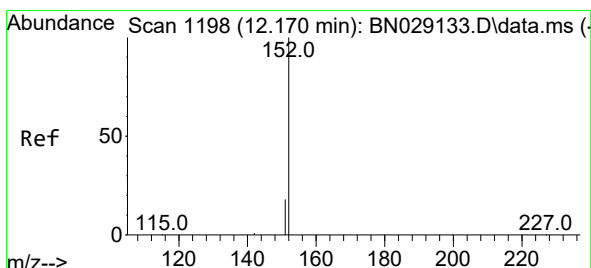
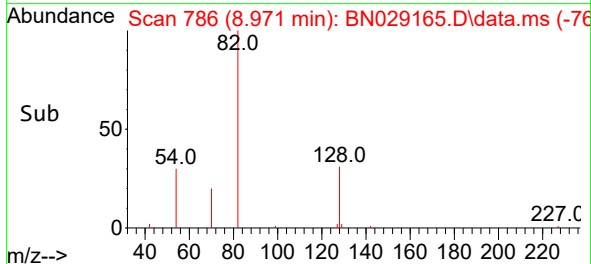
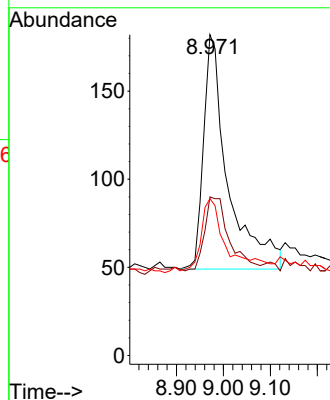
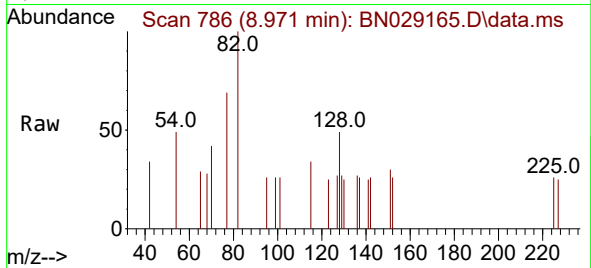




#8
Nitrobenzene-d5
Concen: 0.217 ng
RT: 8.971 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN029165.D
Acq: 21 Dec 2023 23:55

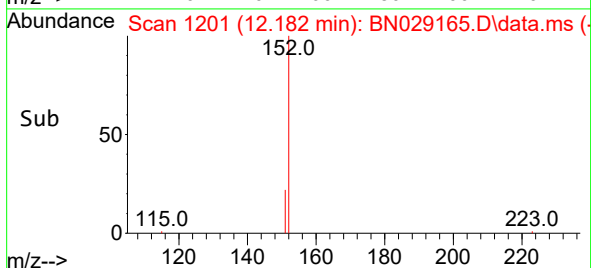
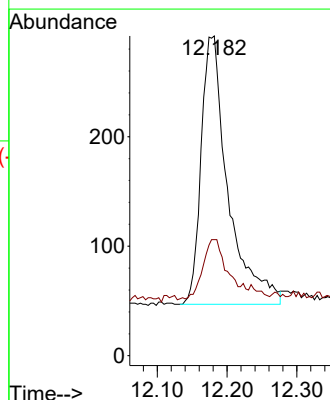
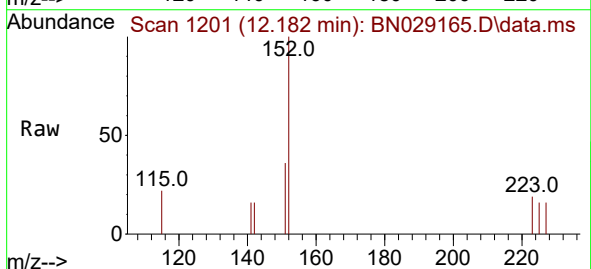
Instrument :
BNA_N
ClientSampleId :
SP-303-20231218

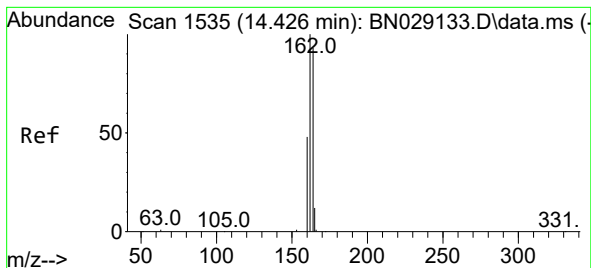
Tgt Ion: 82 Resp: 480
Ion Ratio Lower Upper
82 100
128 49.5 33.0 49.4#
54 48.9 35.8 53.8



#11
2-Methylnaphthalene-d10
Concen: 0.255 ng
RT: 12.182 min Scan# 1201
Delta R.T. 0.011 min
Lab File: BN029165.D
Acq: 21 Dec 2023 23:55

Tgt Ion:152 Resp: 657
Ion Ratio Lower Upper
152 100
151 20.7 17.4 26.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.425 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN029165.D

Acq: 21 Dec 2023 23:55

Instrument :

BNA_N

ClientSampleId :

SP-303-20231218

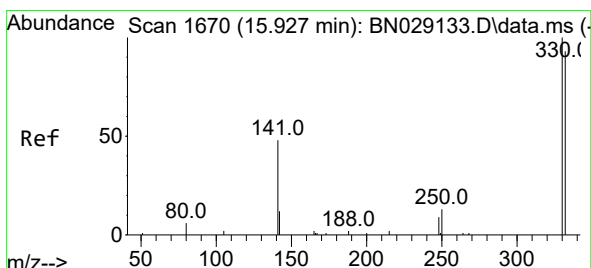
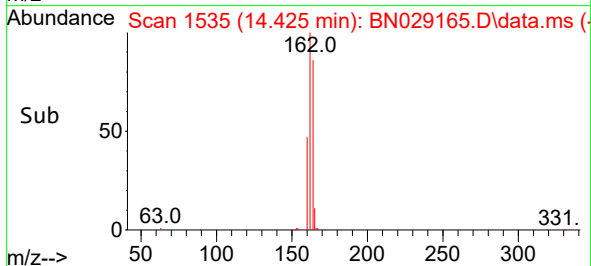
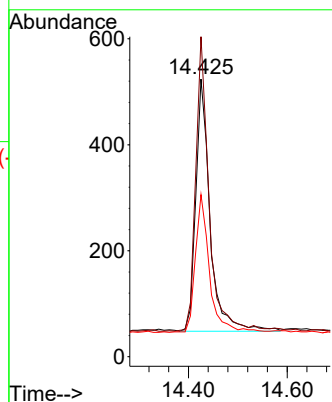
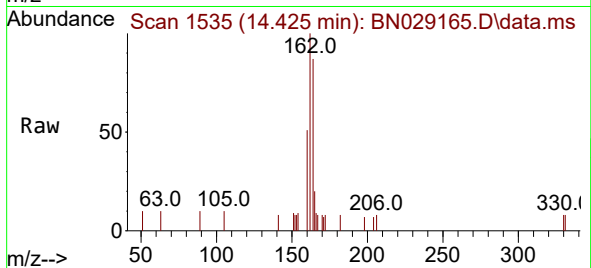
Tgt Ion:164 Resp: 956

Ion Ratio Lower Upper

164 100

162 115.3 85.0 127.4

160 58.4 45.8 68.8



#14

2,4,6-Tribromophenol

Concen: 0.117 ng

RT: 15.940 min Scan# 1671

Delta R.T. 0.012 min

Lab File: BN029165.D

Acq: 21 Dec 2023 23:55

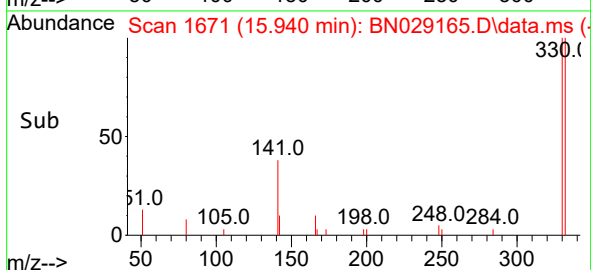
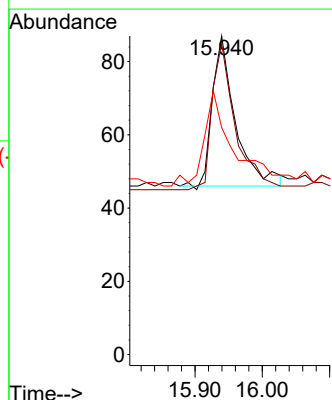
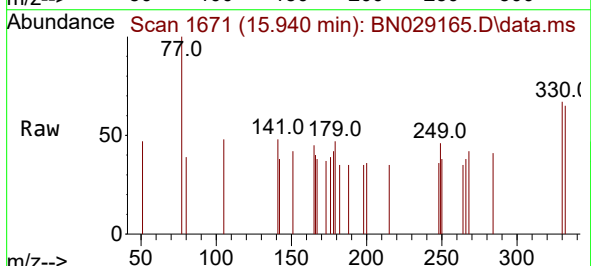
Tgt Ion:330 Resp: 98

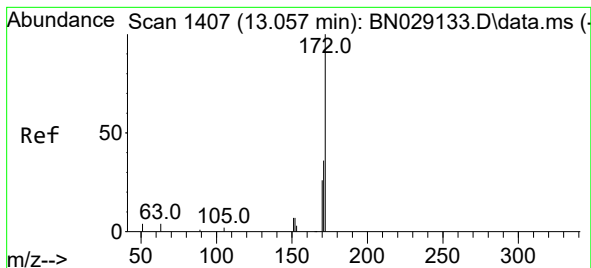
Ion Ratio Lower Upper

330 100

332 98.0 83.4 125.0

141 78.6 43.8 65.8#





#15

2-Fluorobiphenyl

Concen: 0.224 ng

RT: 13.068 min Scan# 1407

Delta R.T. 0.011 min

Lab File: BN029165.D

Acq: 21 Dec 2023 23:55

Instrument :

BNA_N

ClientSampleId :

SP-303-20231218

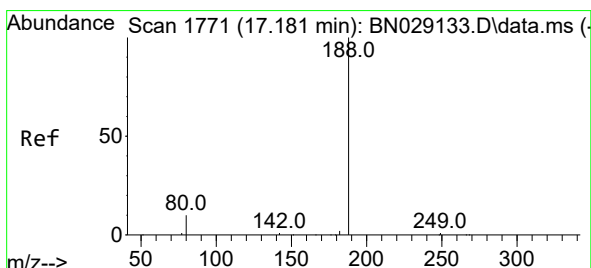
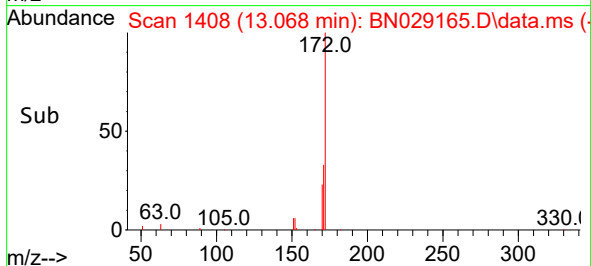
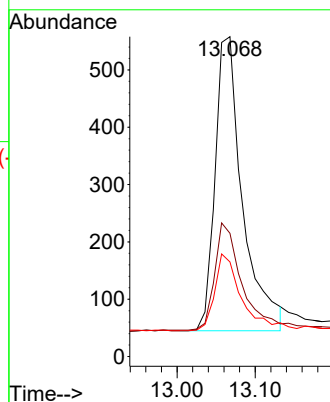
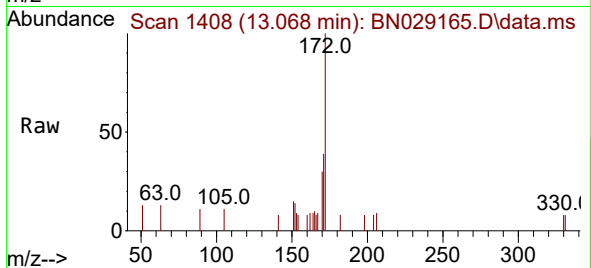
Tgt Ion:172 Resp: 1252

Ion Ratio Lower Upper

172 100

171 38.5 32.2 48.4

170 29.6 25.0 37.4



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.181 min Scan# 1771

Delta R.T. -0.000 min

Lab File: BN029165.D

Acq: 21 Dec 2023 23:55

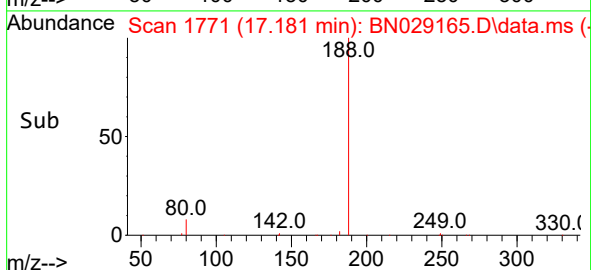
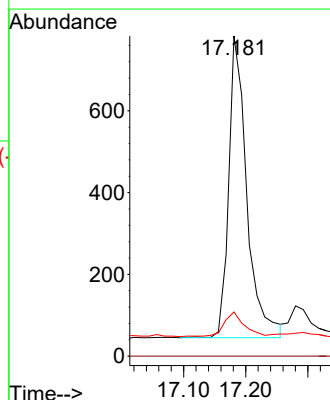
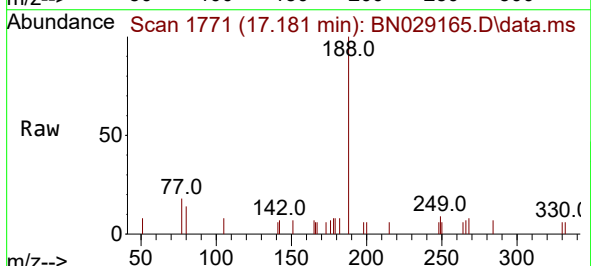
Tgt Ion:188 Resp: 1495

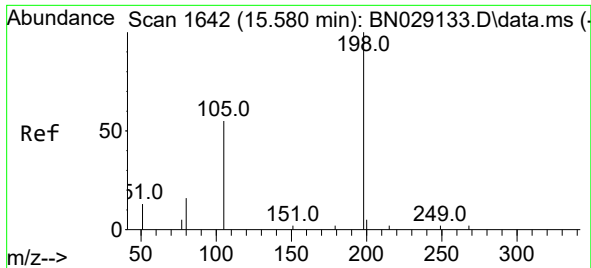
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.8 13.7 20.5

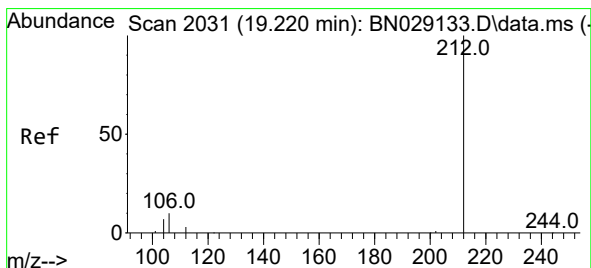
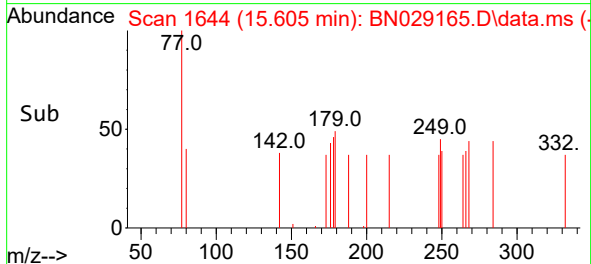
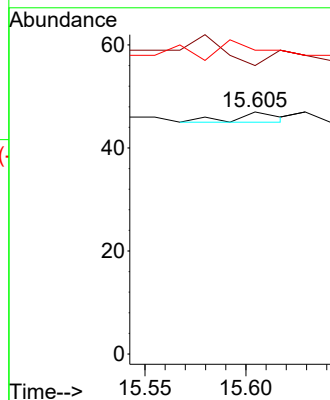
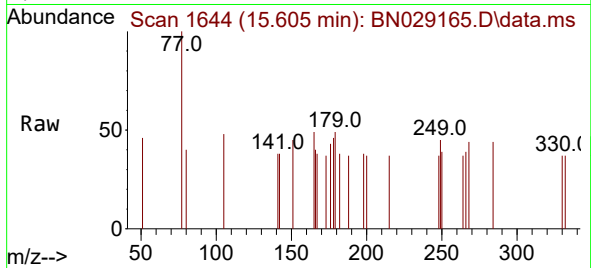




#20
4,6-Dinitro-2-methylphenol
Concen: 0.067 ng
RT: 15.605 min Scan# 1644
Delta R.T. 0.025 min
Lab File: BN029165.D
Acq: 21 Dec 2023 23:55

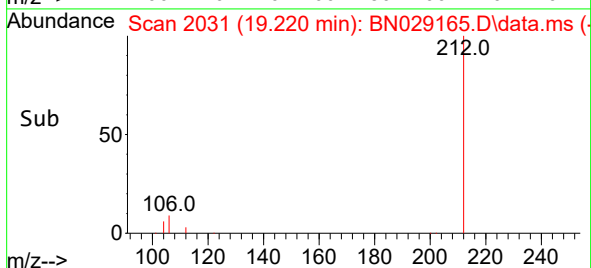
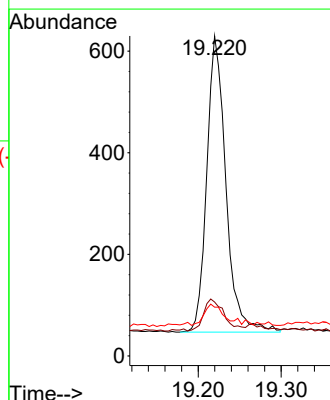
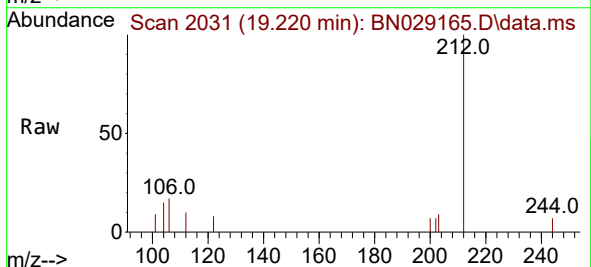
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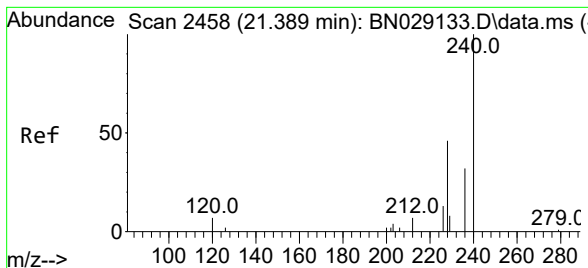
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 119.1 53.6 80.4#
105 125.5 65.6 98.4#



#27
Fluoranthene-d10
Concen: 0.258 ng
RT: 19.220 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BN029165.D
Acq: 21 Dec 2023 23:55

Tgt Ion:212 Resp: 933
Ion Ratio Lower Upper
212 100
106 11.7 9.6 14.4
104 8.1 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: BN029165.D

Acq: 21 Dec 2023 23:55

Instrument :

BNA_N

ClientSampleId :

SP-303-20231218

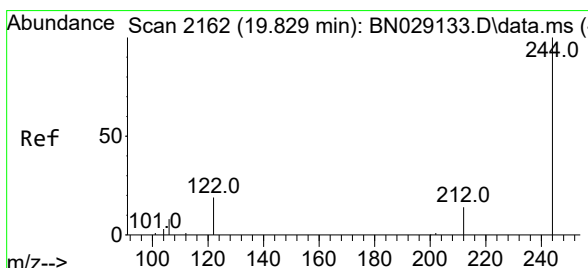
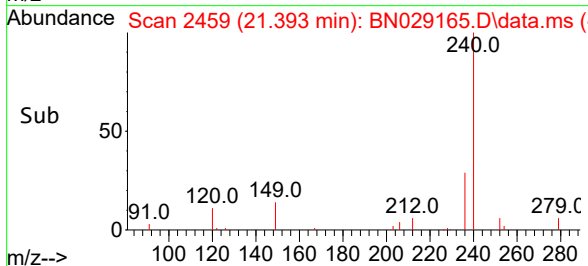
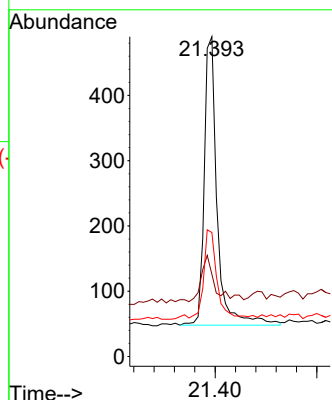
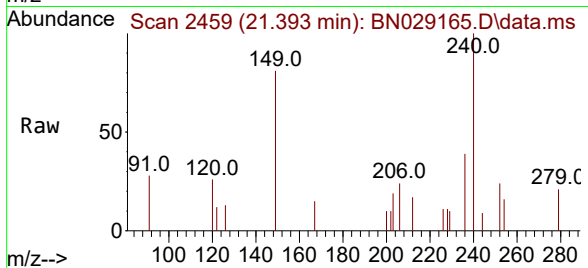
Tgt Ion:240 Resp: 775

Ion Ratio Lower Upper

240 100

120 25.7 21.4 32.0

236 38.8 33.5 50.3



#31

Terphenyl-d14

Concen: 0.264 ng

RT: 19.833 min Scan# 2163

Delta R.T. 0.004 min

Lab File: BN029165.D

Acq: 21 Dec 2023 23:55

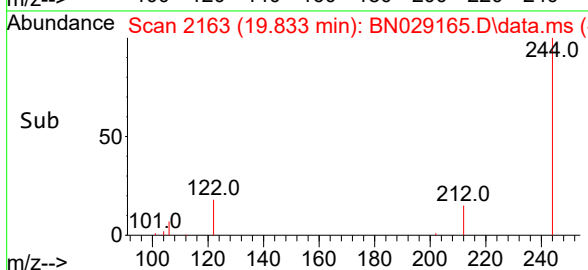
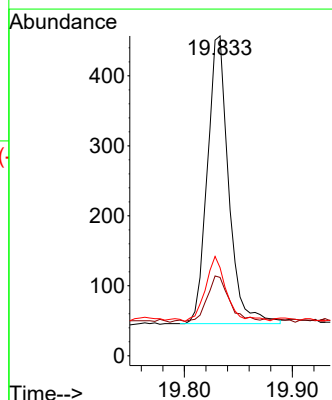
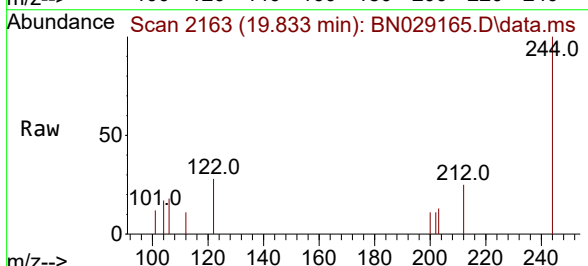
Tgt Ion:244 Resp: 562

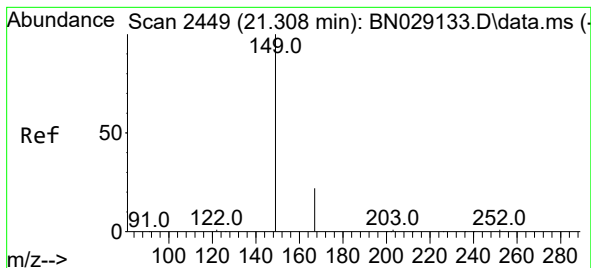
Ion Ratio Lower Upper

244 100

212 24.5 19.0 28.6

122 27.6 22.5 33.7

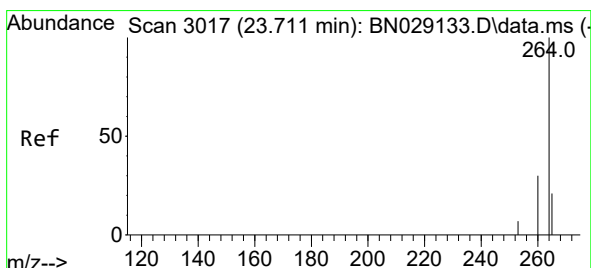
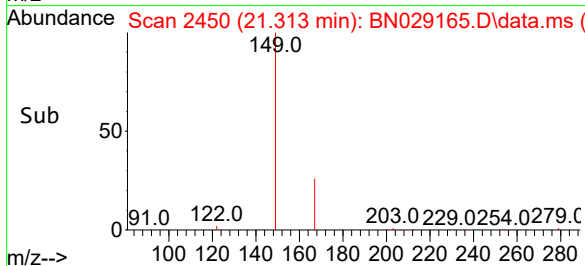
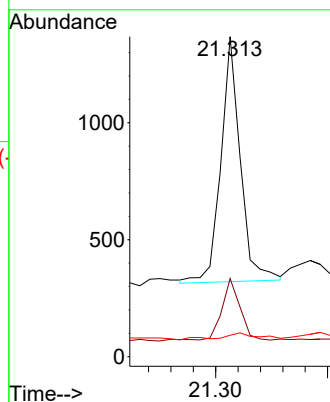
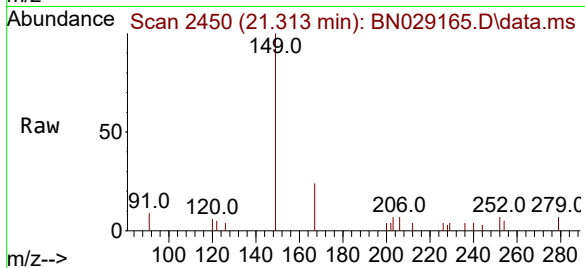




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.210 ng
RT: 21.313 min Scan# 2449
Delta R.T. 0.004 min
Lab File: BN029165.D
Acq: 21 Dec 2023 23:55

Instrument :
BNA_N
ClientSampleId :
SP-303-20231218

Tgt Ion:149 Resp: 1261
Ion Ratio Lower Upper
149 100
167 25.3 20.2 30.2
279 3.6 2.5 3.7



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.709 min Scan# 3018
Delta R.T. -0.002 min
Lab File: BN029165.D
Acq: 21 Dec 2023 23:55

Tgt Ion:264 Resp: 950
Ion Ratio Lower Upper
264 100
260 36.5 31.0 46.6
265 118.2 105.3 157.9

