

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122823\
 Data File : BN029215.D
 Acq On : 28 Dec 2023 15:36
 Operator : MA/JU
 Sample : 05967-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COM99

Quant Time: Dec 28 16:24:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 28 01:20:47 2023
 Response via : Initial Calibration

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

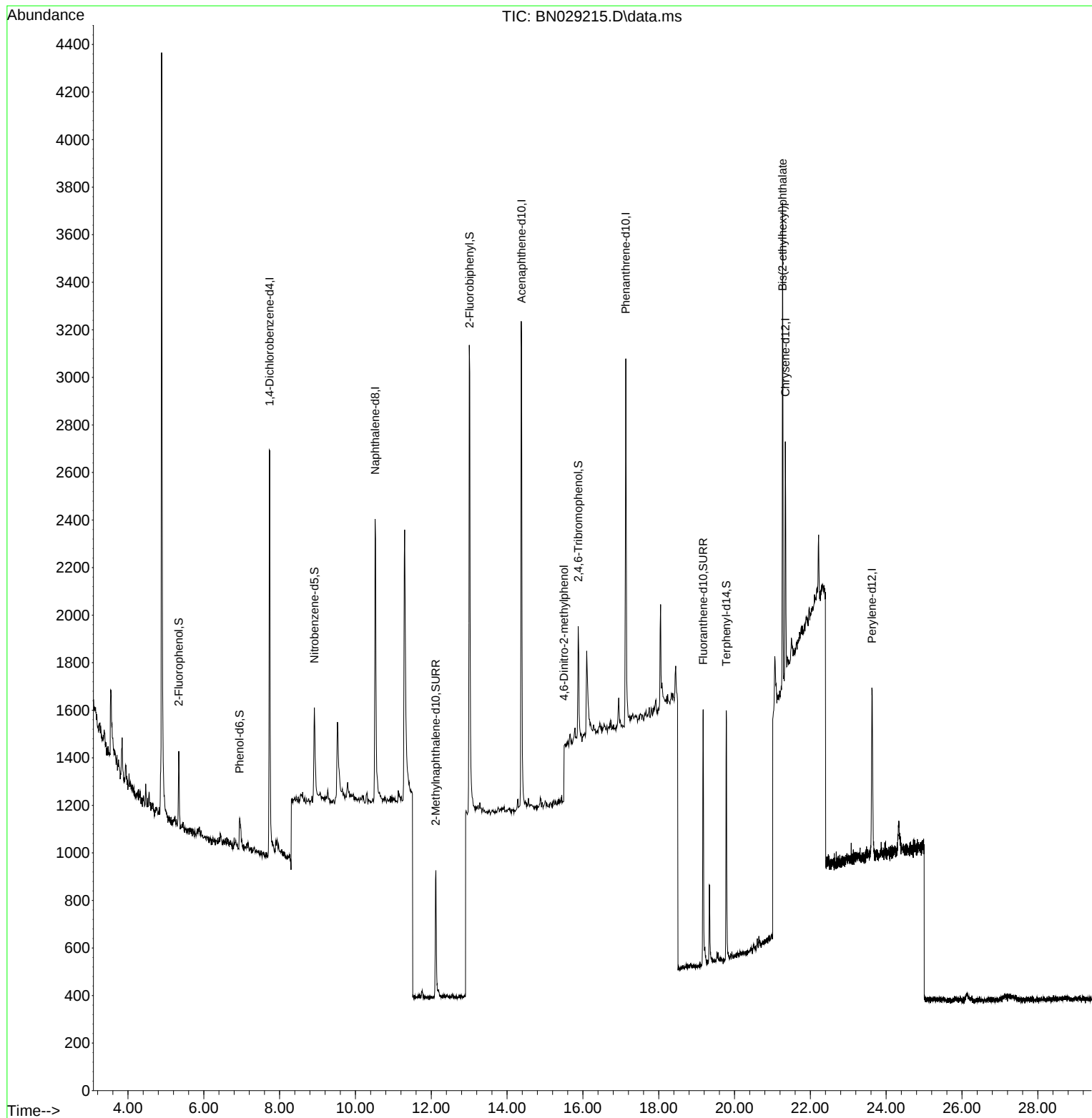
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	952	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	2050	0.400	ng	0.00
13) Acenaphthene-d10	14.383	164	1318	0.400	ng	0.01
19) Phenanthrene-d10	17.131	188	2275	0.400	ng	0.00
29) Chrysene-d12	21.340	240	807	0.400	ng	0.00
35) Perylene-d12	23.625	264	944	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	247	0.112	ng	0.00
5) Phenol-d6	6.944	99	139	0.056	ng	0.00
8) Nitrobenzene-d5	8.918	82	610	0.237	ng	0.01
11) 2-Methylnaphthalene-d10	12.121	152	879	0.248	ng	0.00
14) 2,4,6-Tribromophenol	15.878	330	328	0.323	ng	0.00
15) 2-Fluorobiphenyl	13.014	172	2253	0.319	ng	0.01
27) Fluoranthene-d10	19.173	212	1260	0.272	ng	0.00
31) Terphenyl-d14	19.782	244	928	0.371	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.505	198	2	0.105	ng	Qvalue # 12
34) Bis(2-ethylhexyl)phtha...	21.268	149	1913	0.283	ng	97

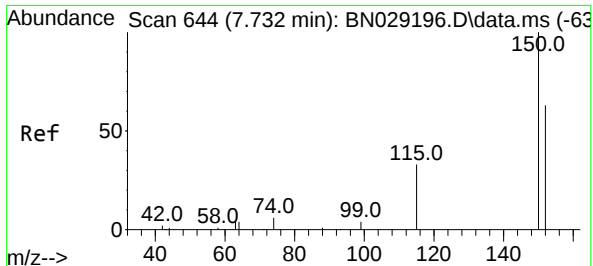
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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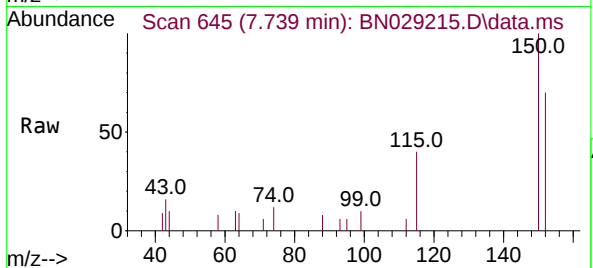
Quant Time: Dec 28 16:24:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 28 01:20:47 2023
Response via : Initial Calibration



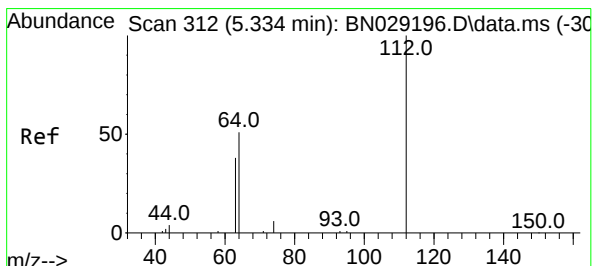
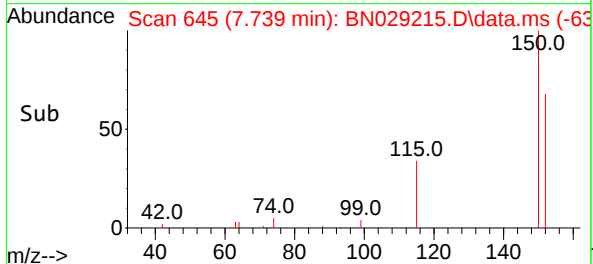
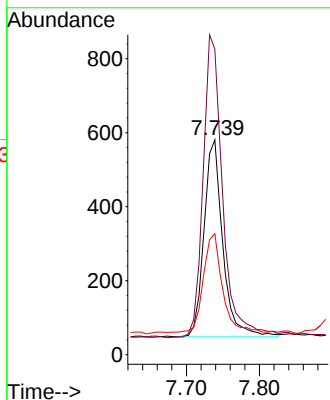


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.739 min Scan# 644
Delta R.T. 0.007 min
Lab File: BN029215.D
Acq: 28 Dec 2023 15:36

Instrument :
BNA_N
ClientSampleId :
COM99

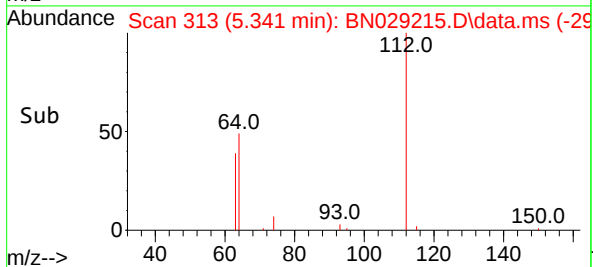
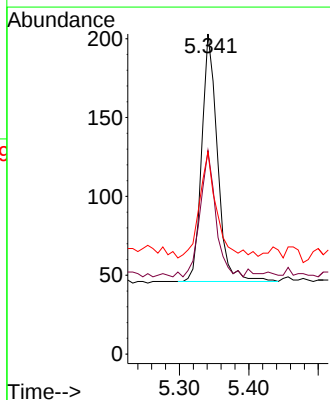
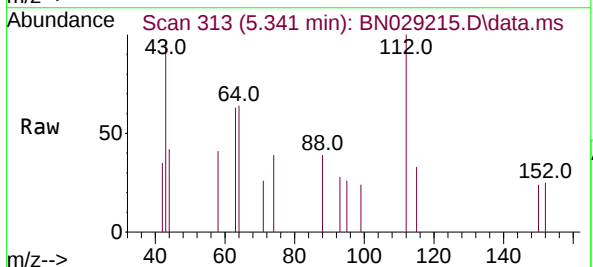


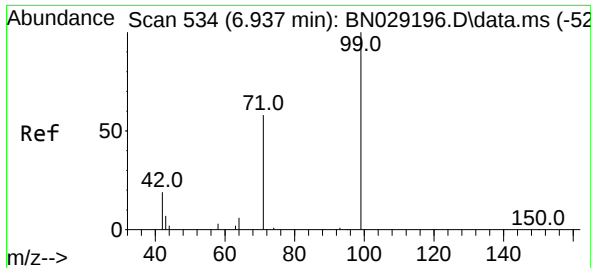
Tgt Ion:152 Resp: 952
Ion Ratio Lower Upper
152 100
150 142.2 122.2 183.2
115 56.3 48.2 72.4



#4
2-Fluorophenol
Concen: 0.112 ng
RT: 5.341 min Scan# 313
Delta R.T. 0.007 min
Lab File: BN029215.D
Acq: 28 Dec 2023 15:36

Tgt Ion:112 Resp: 247
Ion Ratio Lower Upper
112 100
64 51.0 38.8 58.2
63 47.4 30.6 45.8#

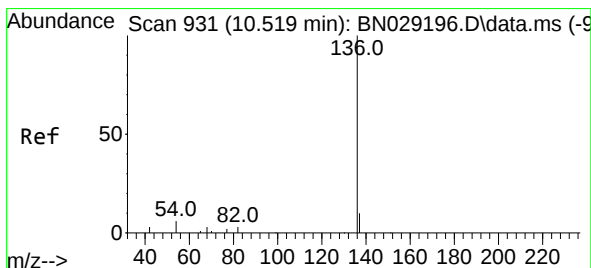
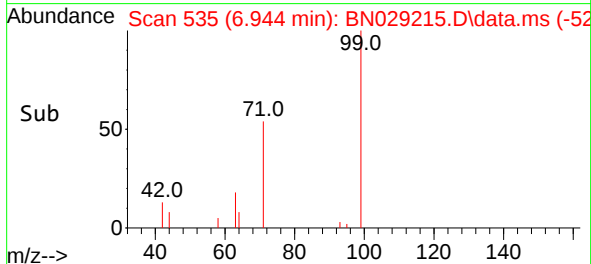
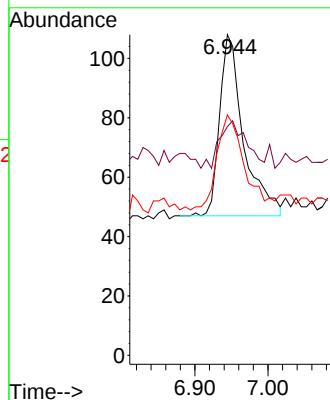
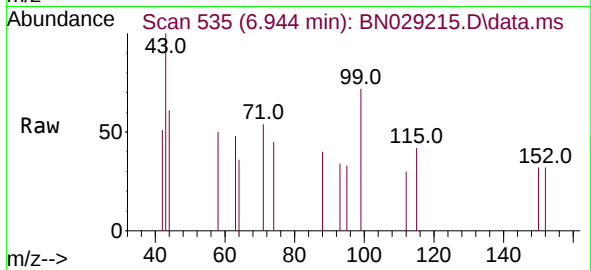




#5
Phenol-d6
Concen: 0.056 ng
RT: 6.944 min Scan# 511
Delta R.T. 0.007 min
Lab File: BN029215.D
Acq: 28 Dec 2023 15:36

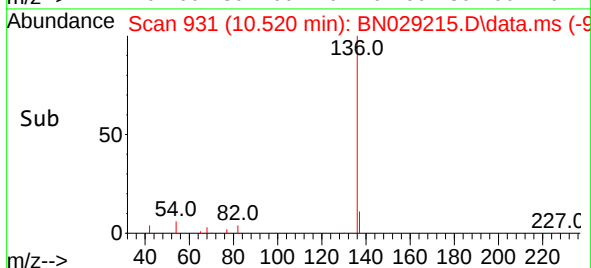
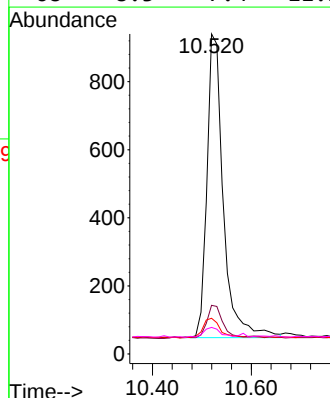
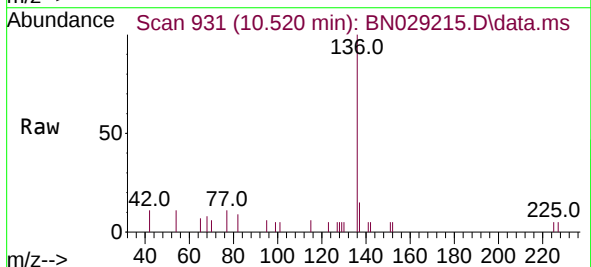
Instrument :
BNA_N
ClientSampleId :
COM99

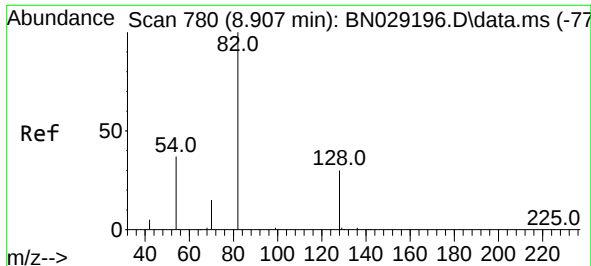
Tgt Ion: 99 Resp: 139
Ion Ratio Lower Upper
99 100
42 29.5 18.3 27.5#
71 60.4 48.6 73.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. 0.001 min
Lab File: BN029215.D
Acq: 28 Dec 2023 15:36

Tgt Ion: 136 Resp: 2050
Ion Ratio Lower Upper
136 100
137 15.2 13.0 19.4
54 11.2 9.8 14.6
68 8.3 7.4 11.2

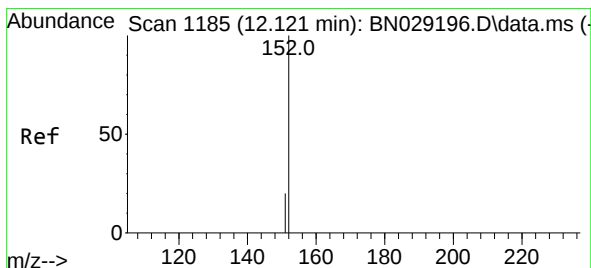
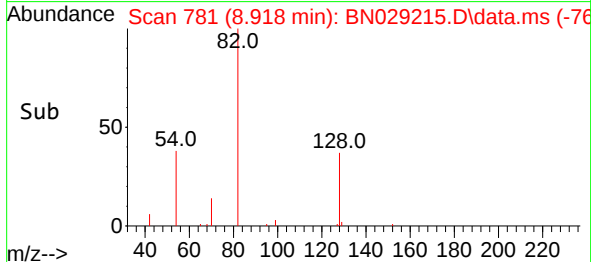
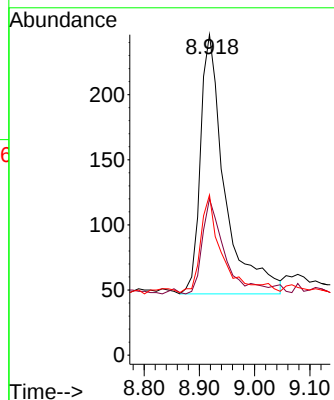
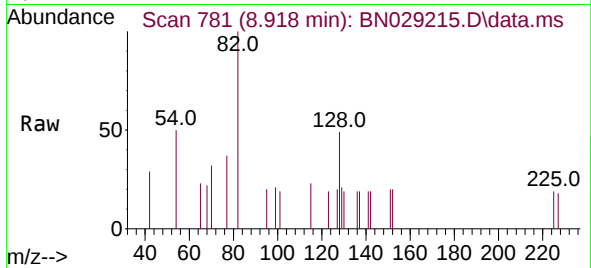




#8
 Nitrobenzene-d5
 Concen: 0.237 ng
 RT: 8.918 min Scan# 780
 Delta R.T. 0.011 min
 Lab File: BN029215.D
 Acq: 28 Dec 2023 15:36

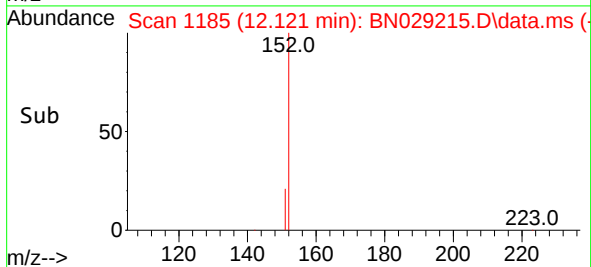
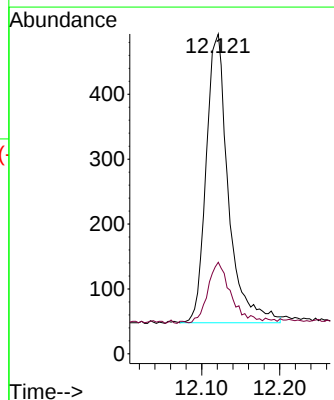
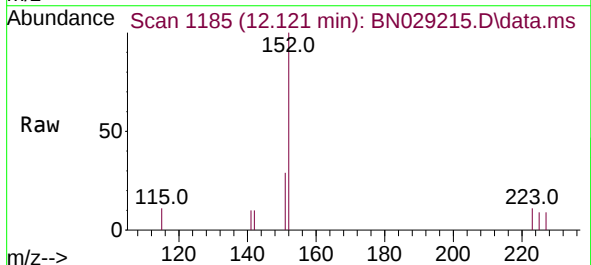
Instrument :
 BNA_N
 ClientSampleId :
 COM99

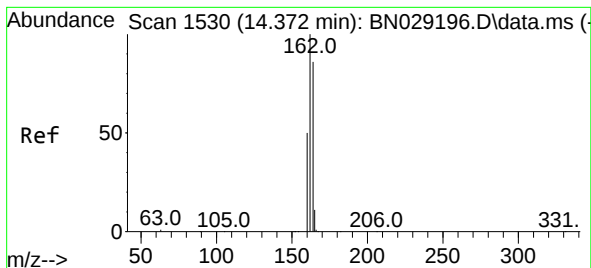
Tgt Ion: 82 Resp: 610
 Ion Ratio Lower Upper
 82 100
 128 48.8 34.2 51.2
 54 50.0 38.8 58.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.248 ng
 RT: 12.121 min Scan# 1185
 Delta R.T. 0.000 min
 Lab File: BN029215.D
 Acq: 28 Dec 2023 15:36

Tgt Ion: 152 Resp: 879
 Ion Ratio Lower Upper
 152 100
 151 21.4 16.6 24.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.383 min Scan# 1531

Delta R.T. 0.011 min

Lab File: BN029215.D

Acq: 28 Dec 2023 15:36

Instrument :

BNA_N

ClientSampleId :

COM99

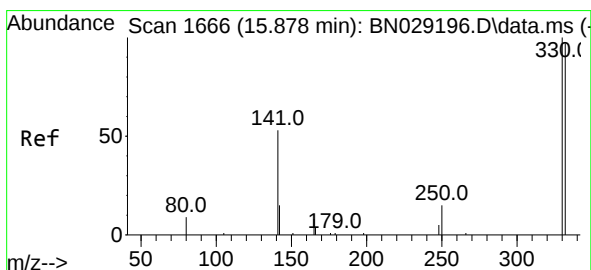
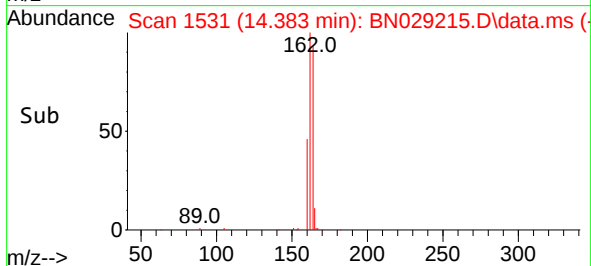
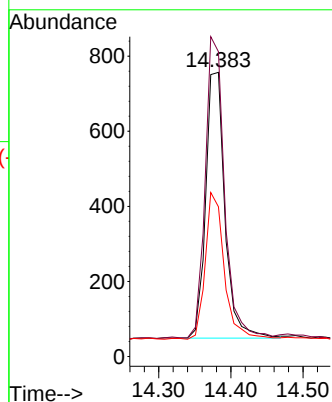
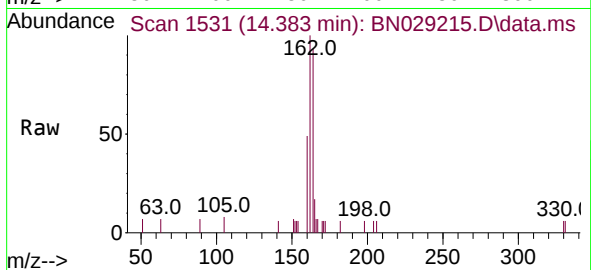
Tgt Ion:164 Resp: 1318

Ion Ratio Lower Upper

164 100

162 107.3 91.8 137.8

160 52.7 49.4 74.2



#14

2,4,6-Tribromophenol

Concen: 0.323 ng

RT: 15.878 min Scan# 1666

Delta R.T. 0.000 min

Lab File: BN029215.D

Acq: 28 Dec 2023 15:36

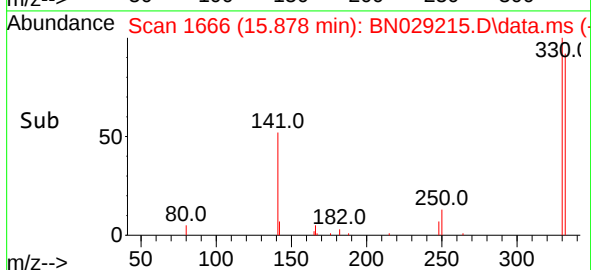
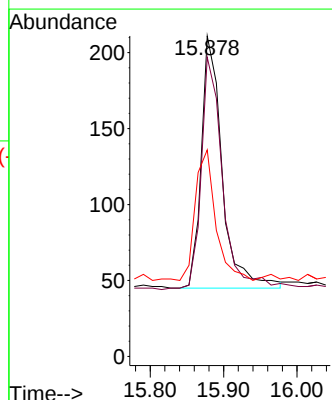
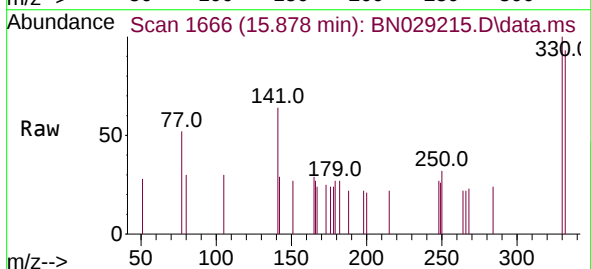
Tgt Ion:330 Resp: 328

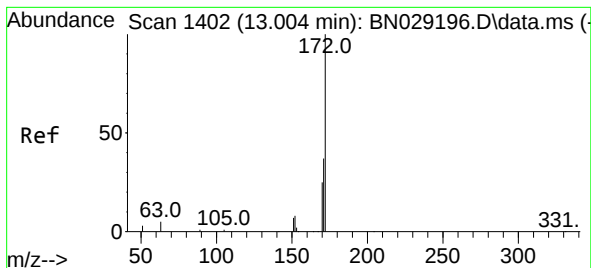
Ion Ratio Lower Upper

330 100

332 95.4 74.4 111.6

141 50.3 46.7 70.1





#15

2-Fluorobiphenyl

Concen: 0.319 ng

RT: 13.014 min Scan# 1403

Delta R.T. 0.011 min

Lab File: BN029215.D

Acq: 28 Dec 2023 15:36

Instrument :

BNA_N

ClientSampleId :

COM99

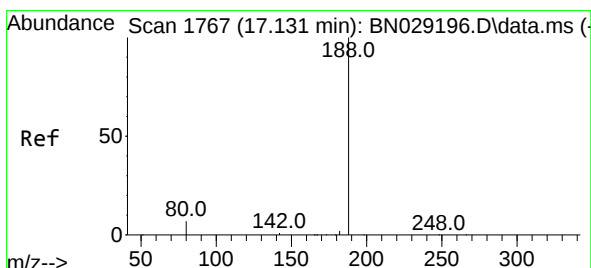
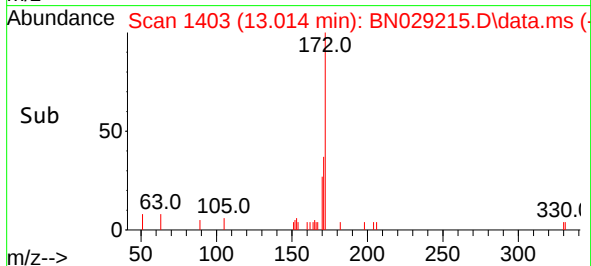
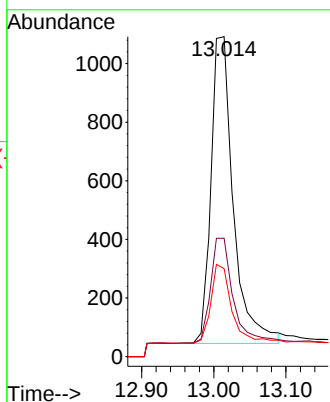
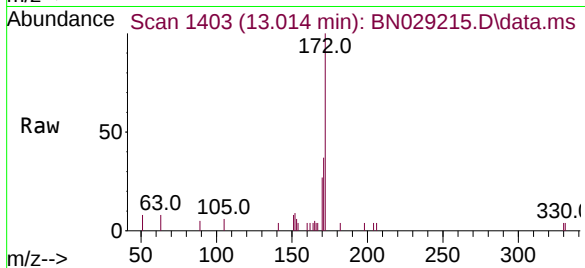
Tgt Ion:172 Resp: 2253

Ion Ratio Lower Upper

172 100

171 37.0 32.8 49.2

170 27.5 24.0 36.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.131 min Scan# 1767

Delta R.T. 0.000 min

Lab File: BN029215.D

Acq: 28 Dec 2023 15:36

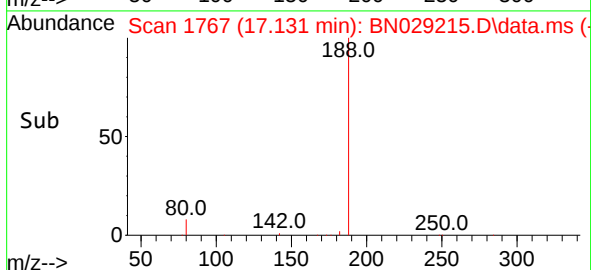
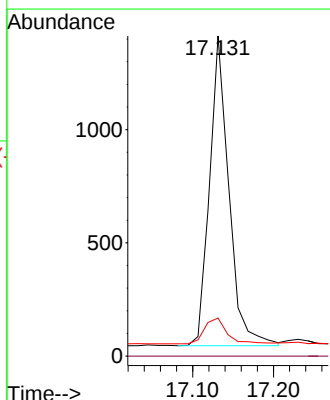
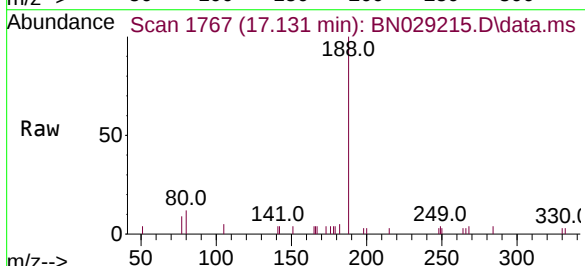
Tgt Ion:188 Resp: 2275

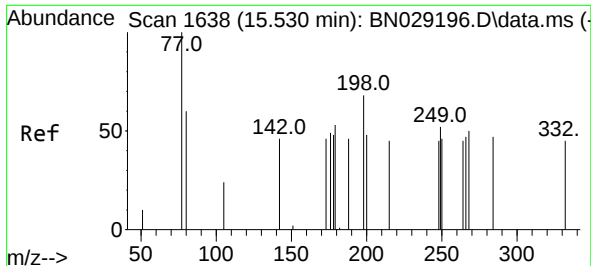
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.9 8.8 13.2

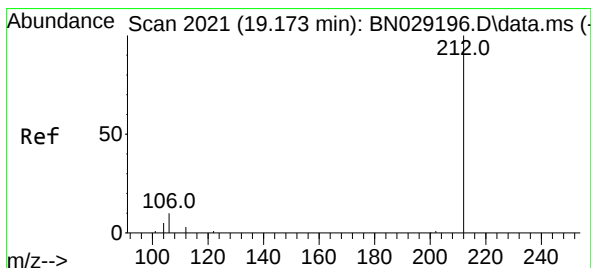
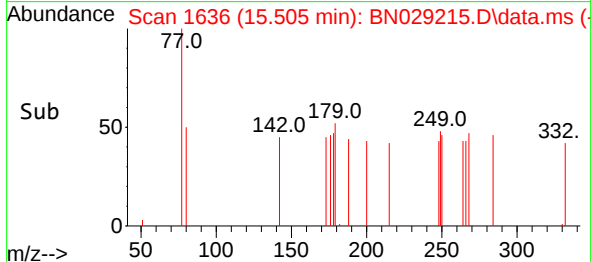
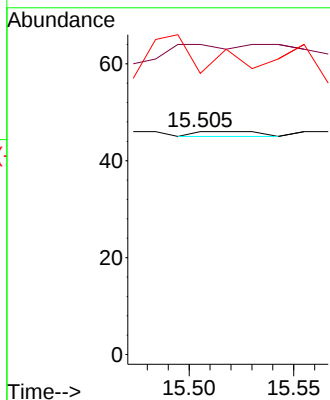
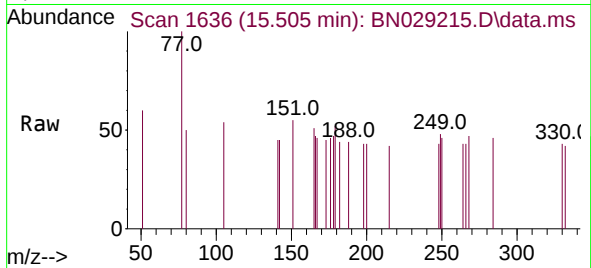




#20
4,6-Dinitro-2-methylphenol
Concen: 0.105 ng
RT: 15.505 min Scan# 1636
Delta R.T. -0.025 min
Lab File: BN029215.D
Acq: 28 Dec 2023 15:36

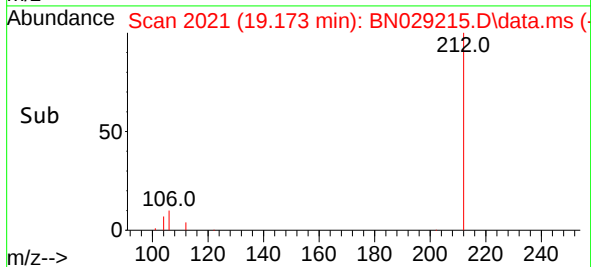
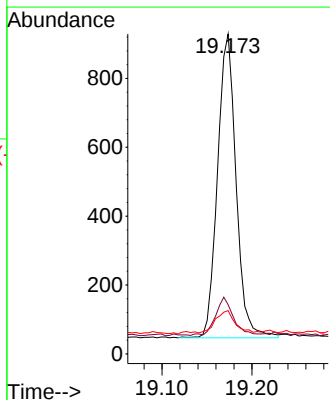
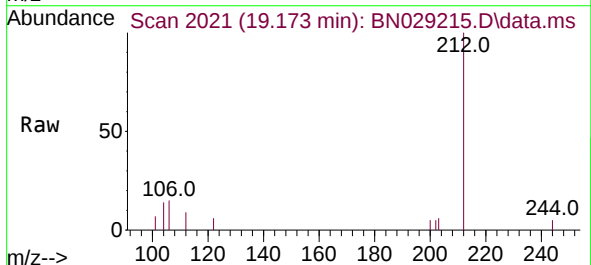
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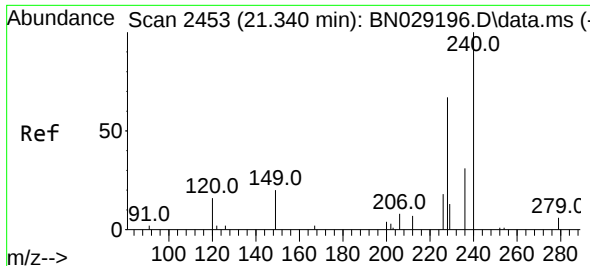
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 139.1 47.4 71.2#
105 126.1 54.5 81.7#



#27
Fluoranthene-d10
Concen: 0.272 ng
RT: 19.173 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BN029215.D
Acq: 28 Dec 2023 15:36

Tgt Ion:212 Resp: 1260
Ion Ratio Lower Upper
212 100
106 12.0 9.7 14.5
104 7.8 6.3 9.5

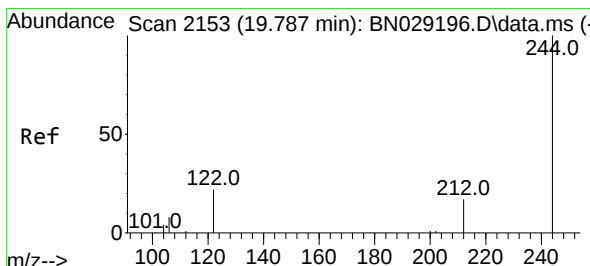
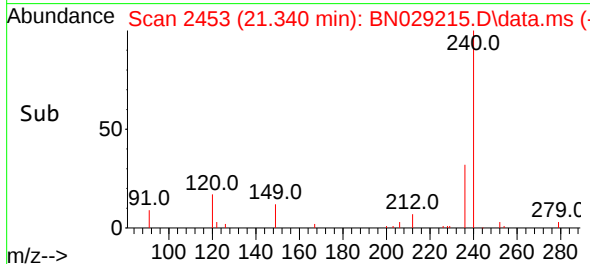
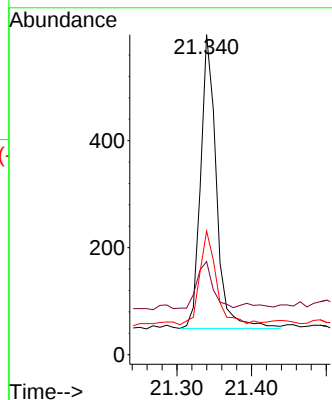
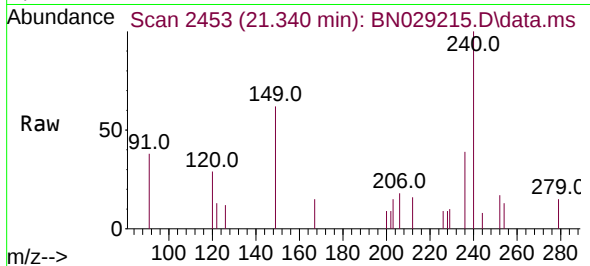




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BN029215.D
Acq: 28 Dec 2023 15:36

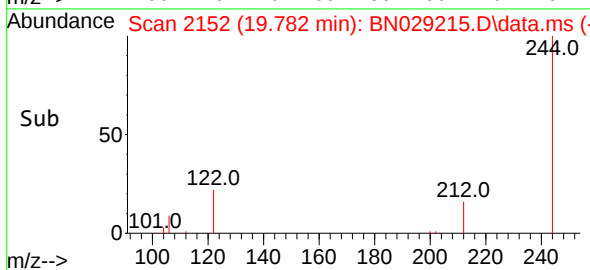
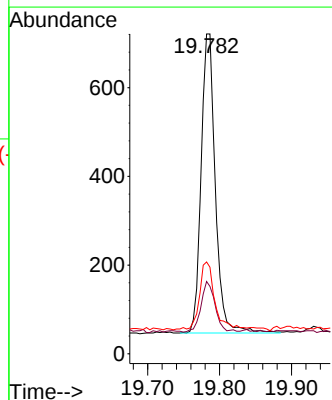
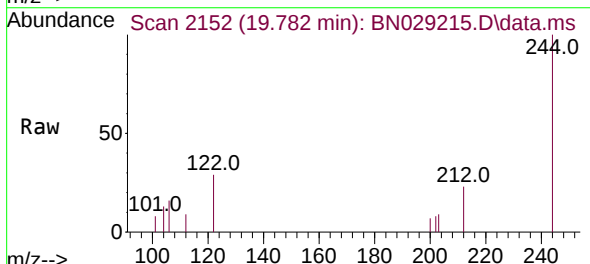
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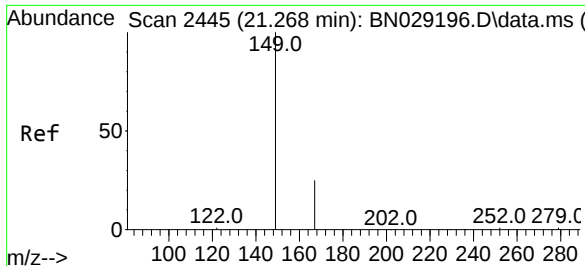
Tgt Ion:240 Resp: 807
Ion Ratio Lower Upper
240 100
120 29.1 24.6 36.8
236 38.6 32.0 48.0



#31
Terphenyl-d14
Concen: 0.371 ng
RT: 19.782 min Scan# 2152
Delta R.T. -0.005 min
Lab File: BN029215.D
Acq: 28 Dec 2023 15:36

Tgt Ion:244 Resp: 928
Ion Ratio Lower Upper
244 100
212 22.6 20.1 30.1
122 28.7 23.9 35.9

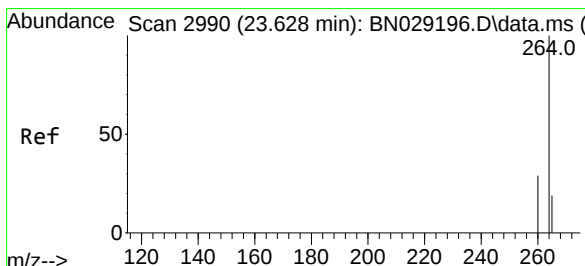
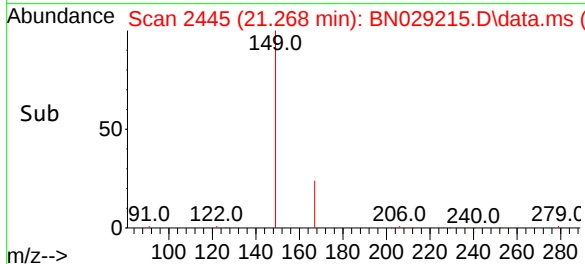
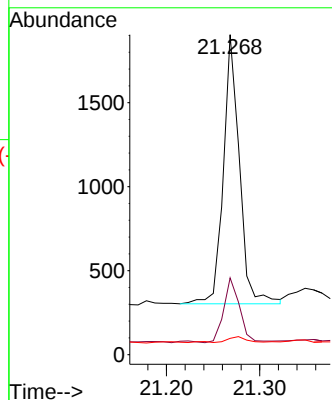
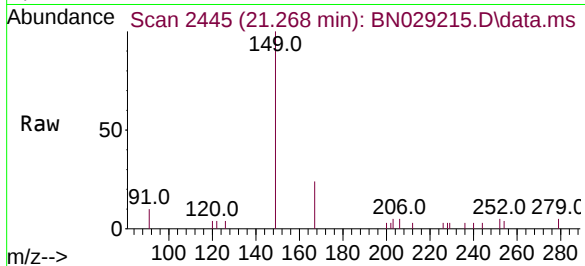




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.283 ng
RT: 21.268 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN029215.D
Acq: 28 Dec 2023 15:36

Instrument :
BNA_N
ClientSampleId :
COM99

Tgt Ion:149 Resp: 1913
Ion Ratio Lower Upper
149 100
167 24.0 20.7 31.1
279 2.6 2.4 3.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.625 min Scan# 2989
Delta R.T. -0.003 min
Lab File: BN029215.D
Acq: 28 Dec 2023 15:36

Tgt Ion:264 Resp: 944
Ion Ratio Lower Upper
264 100
260 35.3 30.2 45.4
265 104.8 88.1 132.1

