

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
 Data File : BN027682.D
 Acq On : 14 Sep 2023 16:21
 Operator : MA/JU
 Sample : 04389-02
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB-20230907

Quant Time: Sep 14 19:04:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:45:58 2023
 Response via : Initial Calibration

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

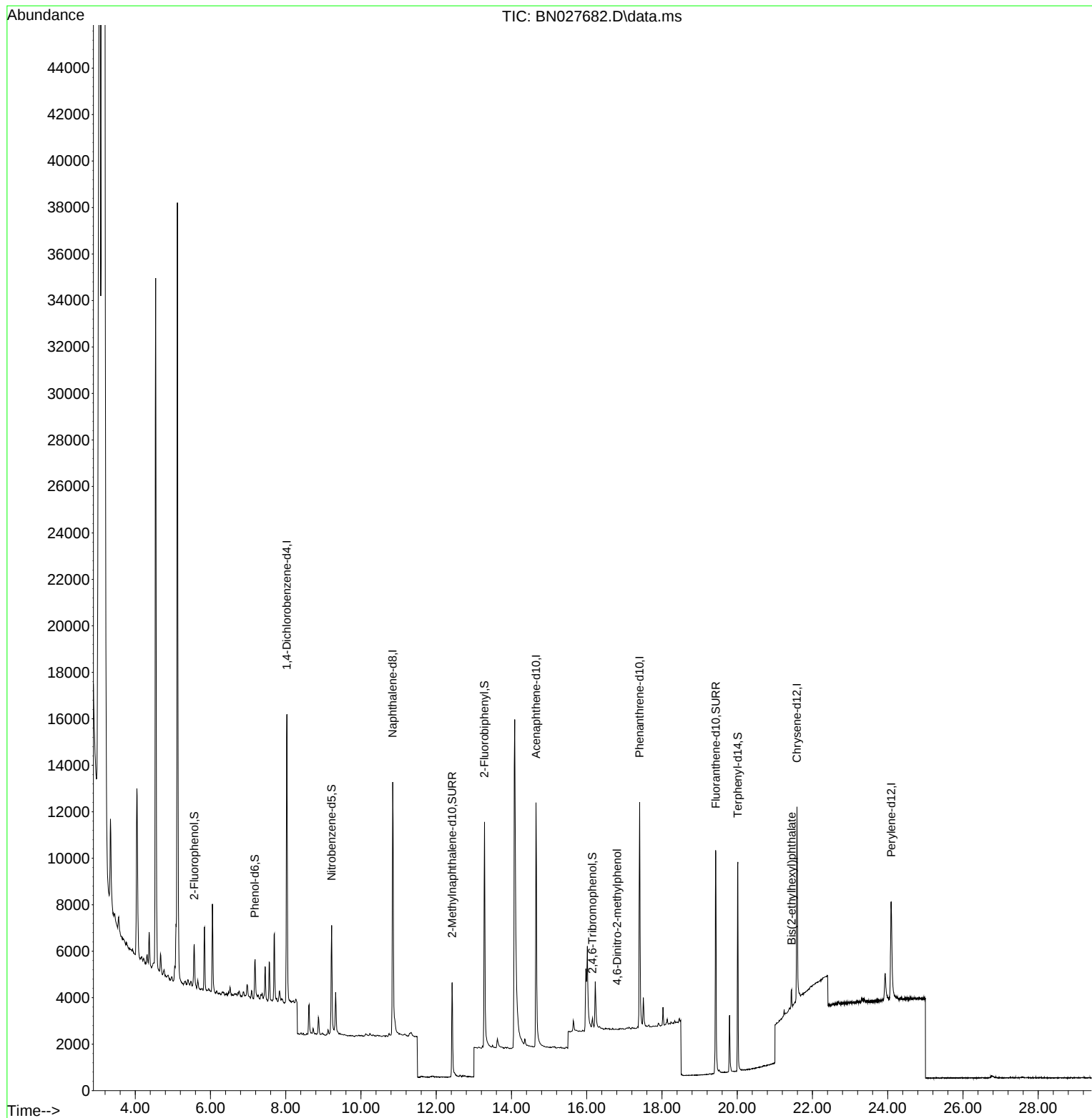
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	6433	0.400	ng	0.00
7) Naphthalene-d8	10.842	136	16631	0.400	ng	-0.01
13) Acenaphthene-d10	14.651	164	7202	0.400	ng	-0.01
19) Phenanthrene-d10	17.406	188	13970	0.400	ng	0.00
29) Chrysene-d12	21.587	240	9313	0.400	ng	0.00
35) Perylene-d12	24.092	264	8001	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	1814	0.108	ng	0.00
5) Phenol-d6	7.178	99	1106	0.054	ng	0.00
8) Nitrobenzene-d5	9.219	82	4260	0.351	ng	-0.01
11) 2-Methylnaphthalene-d10	12.423	152	6528	0.267	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	273	0.102	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	9876	0.361	ng	-0.01
27) Fluoranthene-d10	19.430	212	11875	0.342	ng	0.00
31) Terphenyl-d14	20.015	244	9159	0.490	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	16.810	198	9	0.045	ng	# 34
34) Bis(2-ethylhexyl)phtha...	21.444	149	911	0.059	ng	# 94

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

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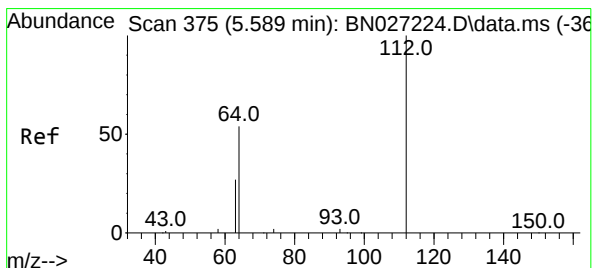
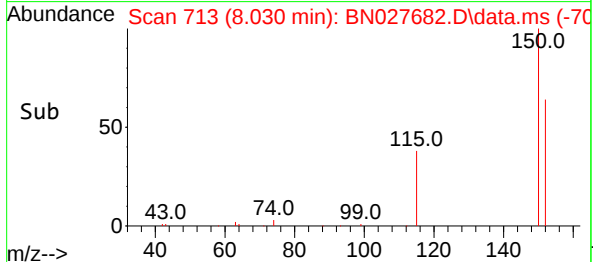
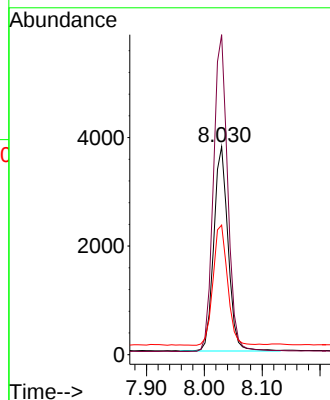
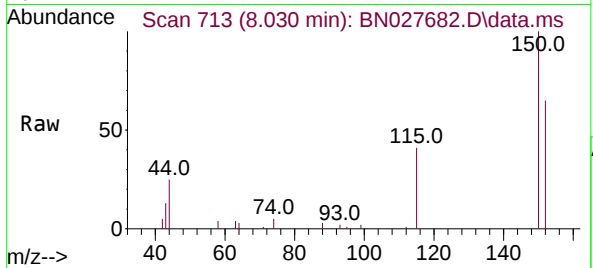




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.030 min Scan# 719
Delta R.T. -0.007 min
Lab File: BN027682.D
Acq: 14 Sep 2023 16:21

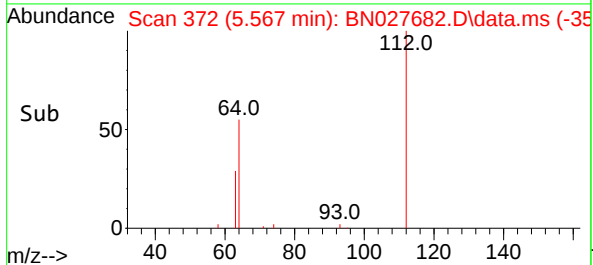
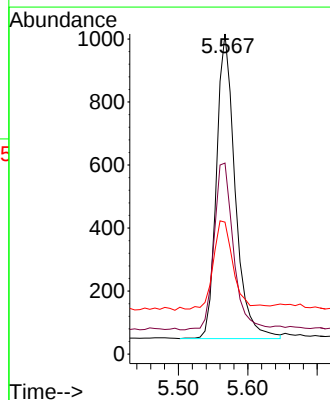
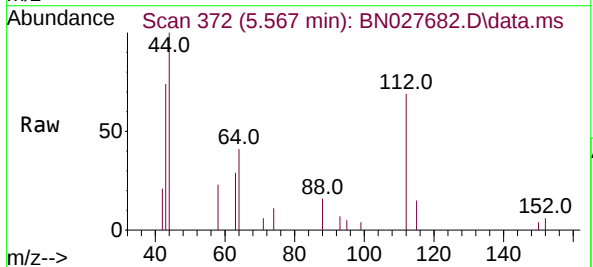
Instrument :
BNA_N
ClientSampleId :
FB-20230907

Tgt Ion:152 Resp: 6433
Ion Ratio Lower Upper
152 100
150 153.9 122.7 184.1
115 62.3 48.6 73.0



#4
2-Fluorophenol
Concen: 0.108 ng
RT: 5.567 min Scan# 372
Delta R.T. -0.007 min
Lab File: BN027682.D
Acq: 14 Sep 2023 16:21

Tgt Ion:112 Resp: 1814
Ion Ratio Lower Upper
112 100
64 56.5 44.4 66.6
63 32.7 23.1 34.7

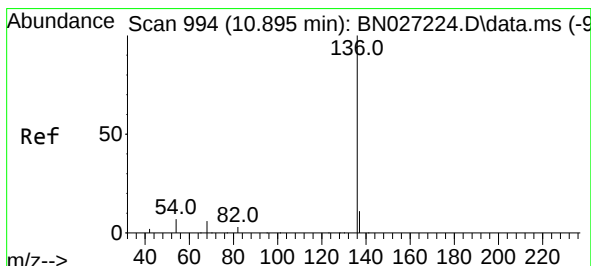
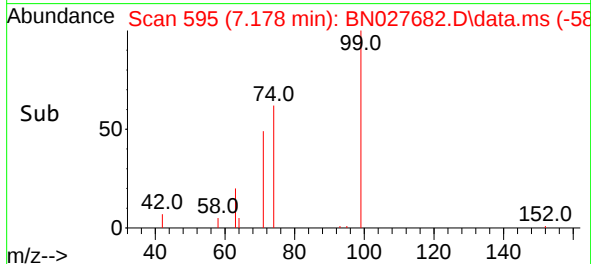
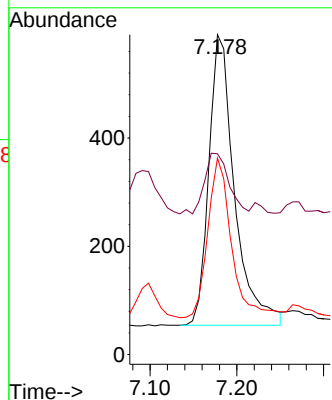
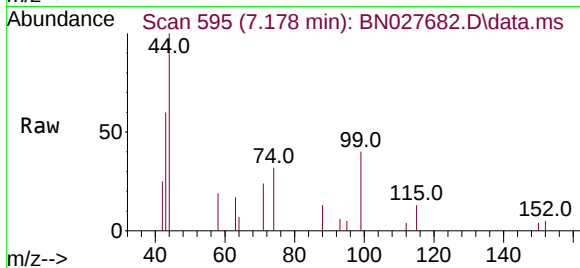




#5
Phenol-d6
Concen: 0.054 ng
RT: 7.178 min Scan# 599
Delta R.T. -0.007 min
Lab File: BN027682.D
Acq: 14 Sep 2023 16:21

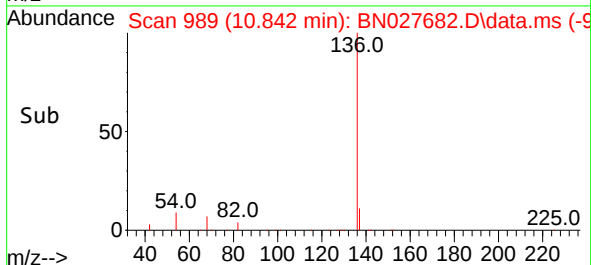
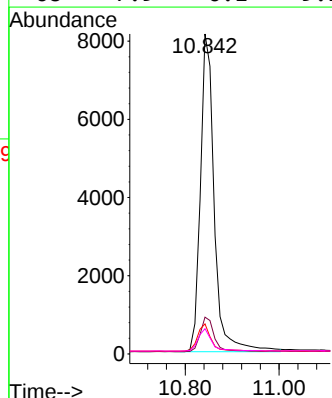
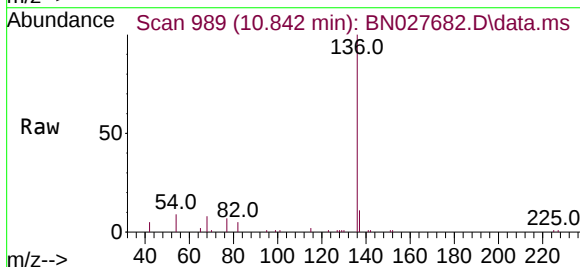
Instrument :
BNA_N
ClientSampleId :
FB-20230907

Tgt Ion: 99 Resp: 1106
Ion Ratio Lower Upper
99 100
42 19.7 14.5 21.7
71 50.7 25.8 38.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.842 min Scan# 989
Delta R.T. -0.011 min
Lab File: BN027682.D
Acq: 14 Sep 2023 16:21

Tgt Ion: 136 Resp: 16631
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 9.4 6.7 10.1
68 7.9 6.1 9.1

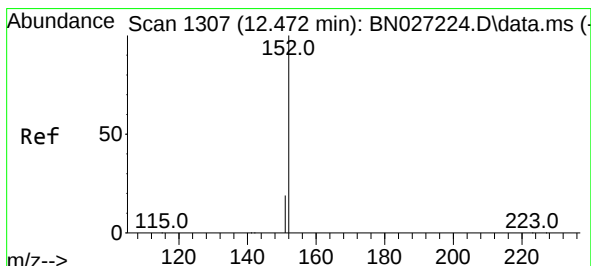
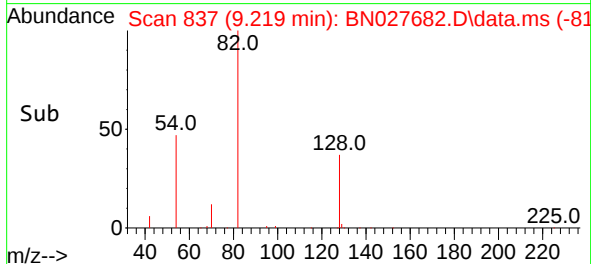
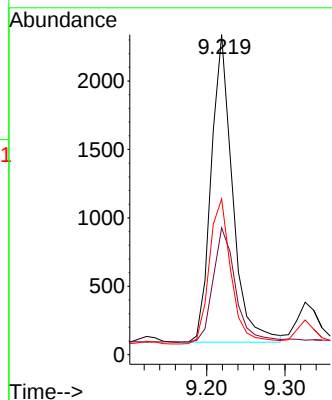
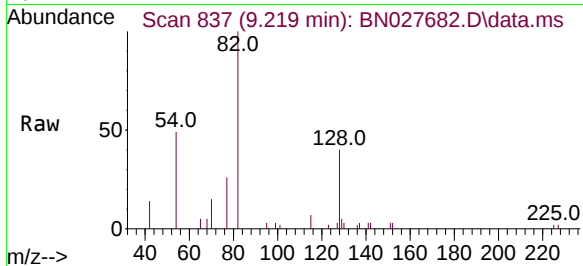




#8
Nitrobenzene-d5
Concen: 0.351 ng
RT: 9.219 min Scan# 81
Delta R.T. -0.011 min
Lab File: BN027682.D
Acq: 14 Sep 2023 16:21

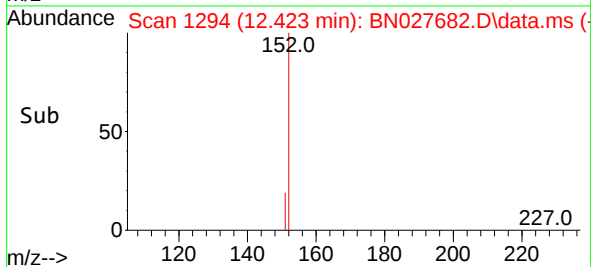
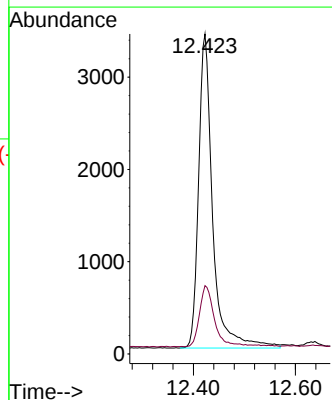
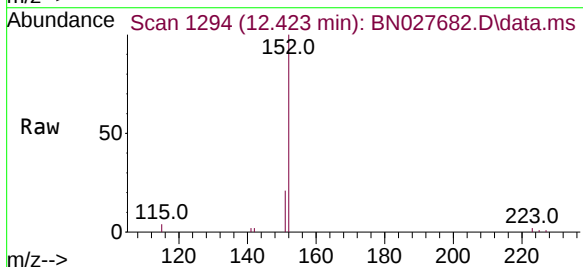
Instrument :
BNA_N
ClientSampleId :
FB-20230907

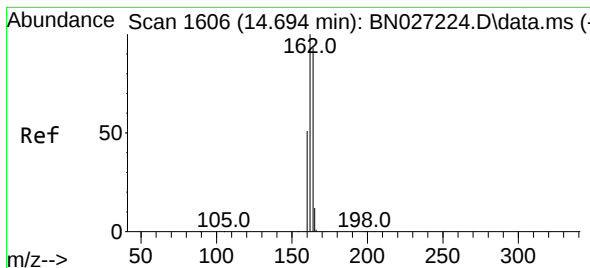
Tgt Ion: 82 Resp: 4260
Ion Ratio Lower Upper
82 100
128 39.7 33.4 50.0
54 48.7 37.7 56.5



#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.423 min Scan# 1294
Delta R.T. -0.008 min
Lab File: BN027682.D
Acq: 14 Sep 2023 16:21

Tgt Ion: 152 Resp: 6528
Ion Ratio Lower Upper
152 100
151 20.6 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.651 min Scan# 1602

Delta R.T. -0.011 min

Lab File: BN027682.D

Acq: 14 Sep 2023 16:21

Instrument :

BNA_N

ClientSampleId :

FB-20230907

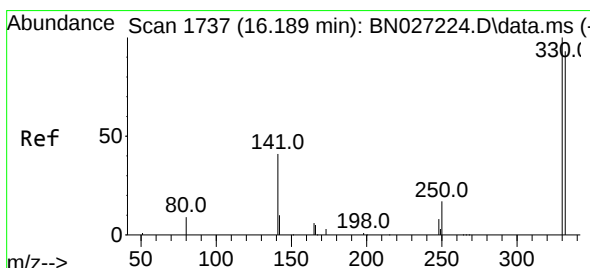
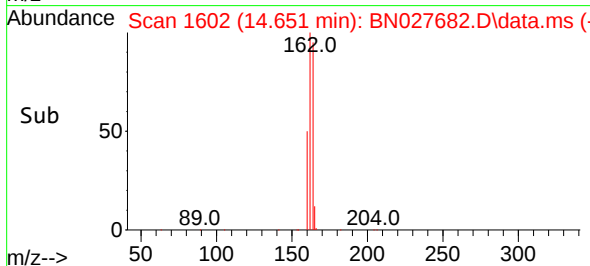
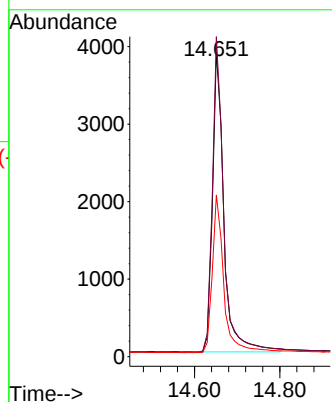
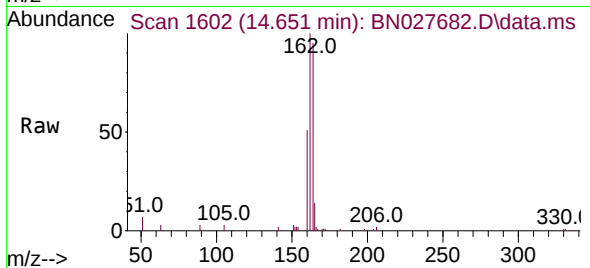
Tgt Ion:164 Resp: 7202

Ion Ratio Lower Upper

164 100

162 105.0 85.8 128.8

160 53.1 44.2 66.2



#14

2,4,6-Tribromophenol

Concen: 0.102 ng

RT: 16.152 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BN027682.D

Acq: 14 Sep 2023 16:21

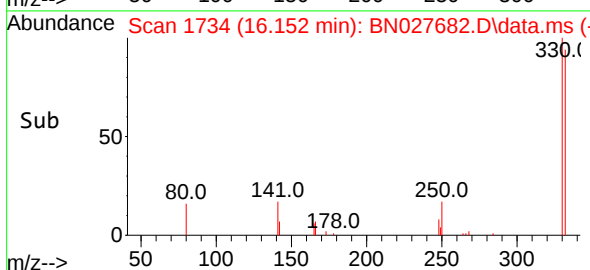
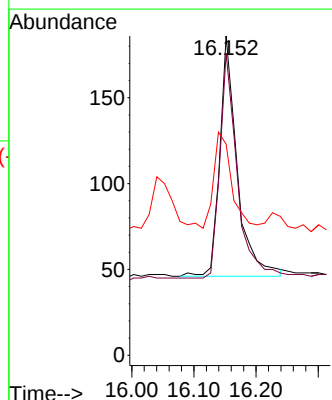
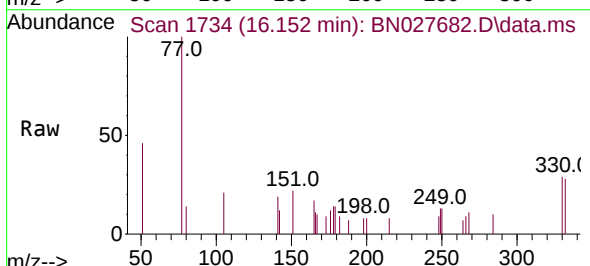
Tgt Ion:330 Resp: 273

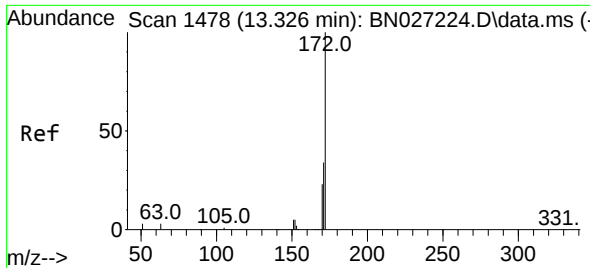
Ion Ratio Lower Upper

330 100

332 93.0 75.2 112.8

141 36.6 36.2 54.4

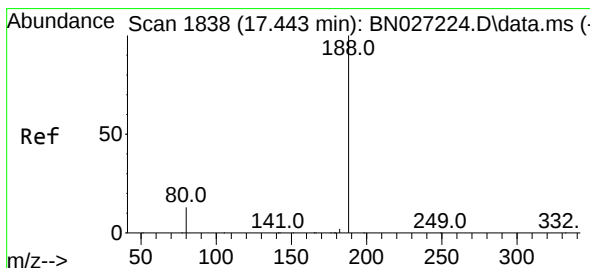
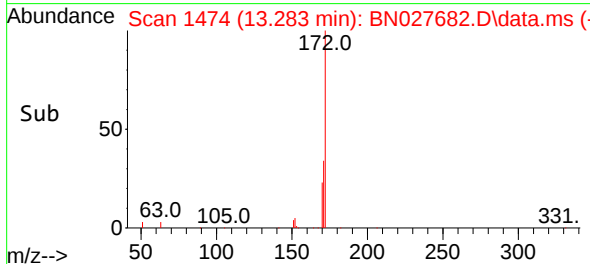
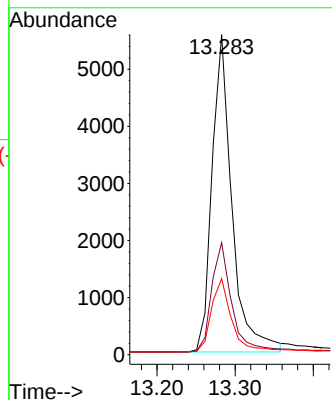
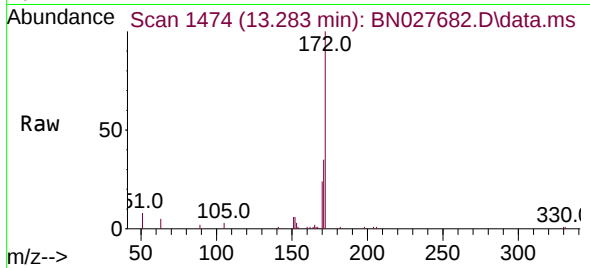




#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.283 min Scan# 1478
Delta R.T. -0.011 min
Lab File: BN027682.D
Acq: 14 Sep 2023 16:21

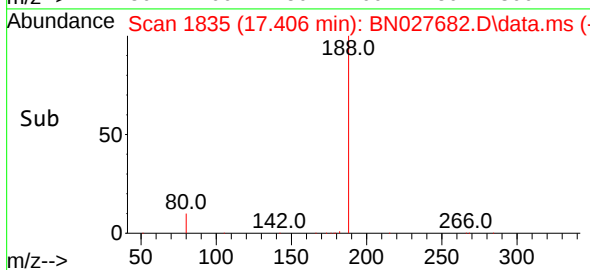
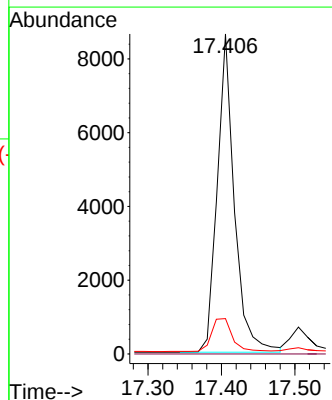
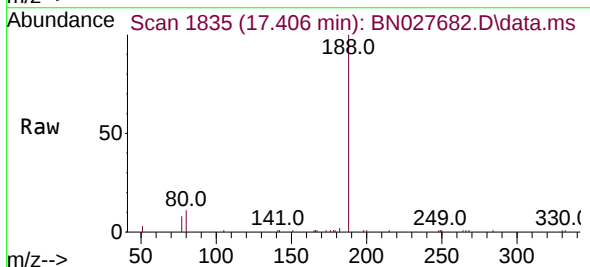
Instrument :
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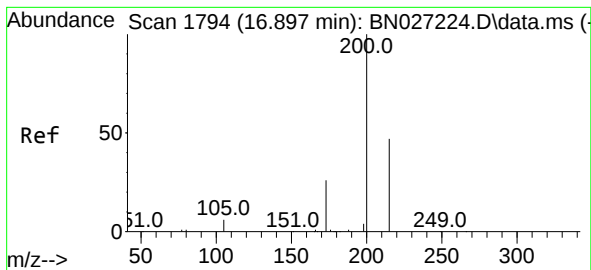
Tgt Ion:172 Resp: 9876
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.8 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.406 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BN027682.D
Acq: 14 Sep 2023 16:21

Tgt Ion:188 Resp: 13970
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 11.0 16.6

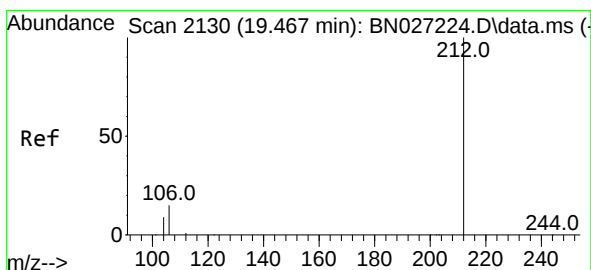
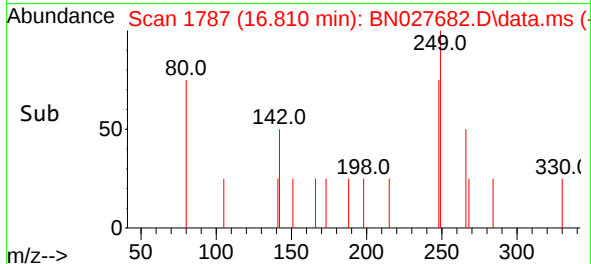
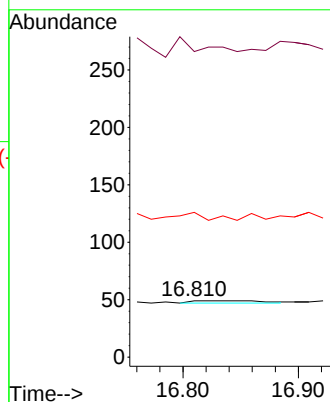
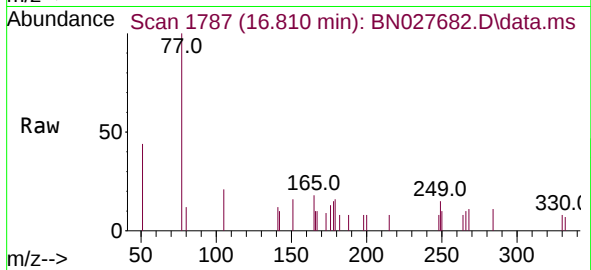




#20
4,6-Dinitro-2-methylphenol
Concen: 0.045 ng
RT: 16.810 min Scan# 11
Delta R.T. -0.050 min
Lab File: BN027682.D
Acq: 14 Sep 2023 16:21

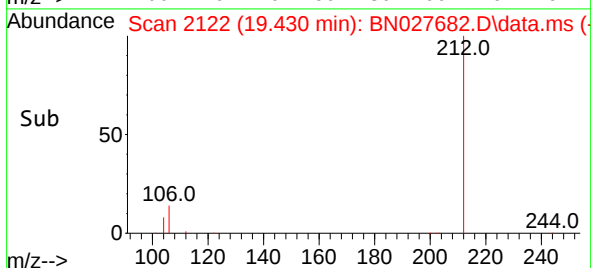
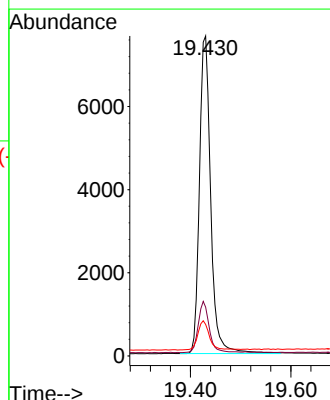
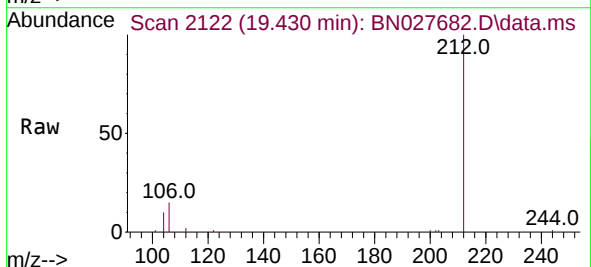
Instrument :
BNA_N
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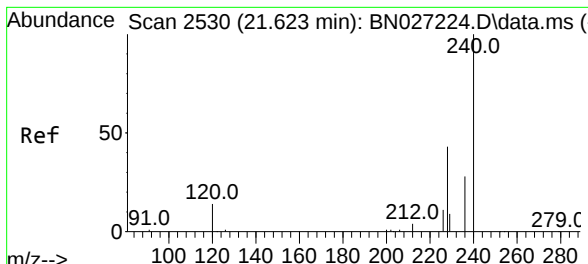
Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
51 542.9 282.2 423.2#
105 257.1 168.7 253.1#



#27
Fluoranthene-d10
Concen: 0.342 ng
RT: 19.430 min Scan# 2122
Delta R.T. -0.005 min
Lab File: BN027682.D
Acq: 14 Sep 2023 16:21

Tgt Ion:212 Resp: 11875
Ion Ratio Lower Upper
212 100
106 15.7 12.1 18.1
104 9.5 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.587 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027682.D

Acq: 14 Sep 2023 16:21

Instrument :

BNA_N

ClientSampleId :

FB-20230907

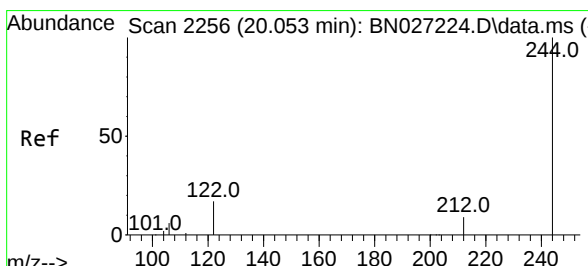
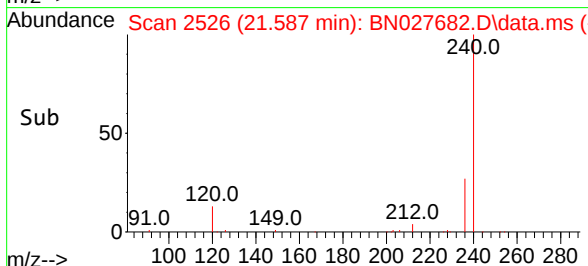
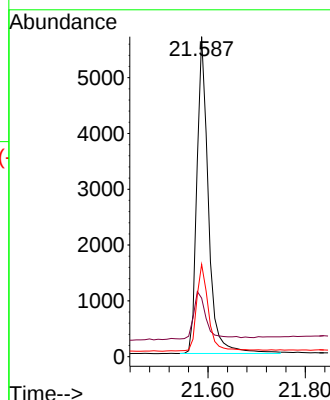
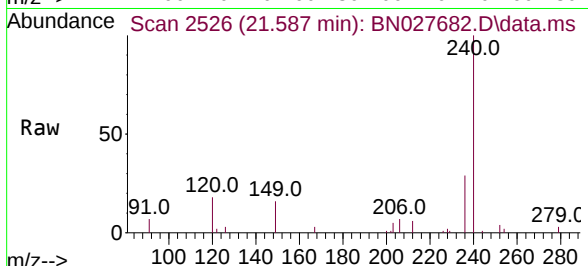
Tgt Ion:240 Resp: 9313

Ion Ratio Lower Upper

240 100

120 18.3 14.2 21.4

236 28.9 22.9 34.3



#31

Terphenyl-d14

Concen: 0.490 ng

RT: 20.015 min Scan# 2248

Delta R.T. -0.005 min

Lab File: BN027682.D

Acq: 14 Sep 2023 16:21

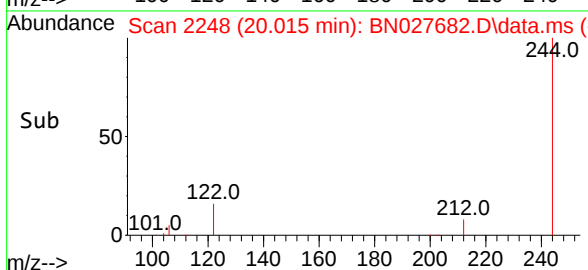
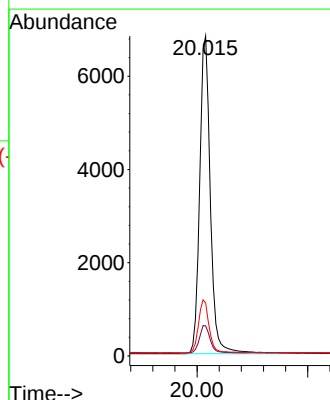
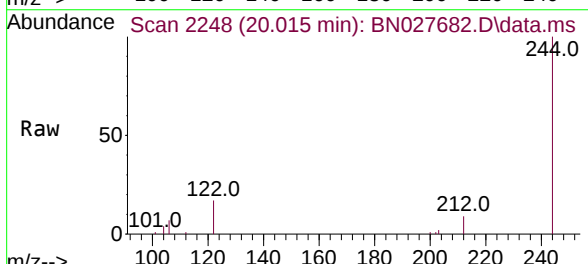
Tgt Ion:244 Resp: 9159

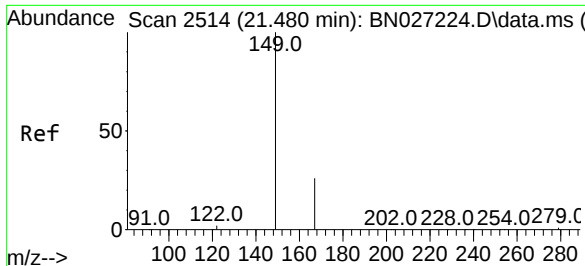
Ion Ratio Lower Upper

244 100

212 9.4 7.5 11.3

122 16.6 14.0 21.0

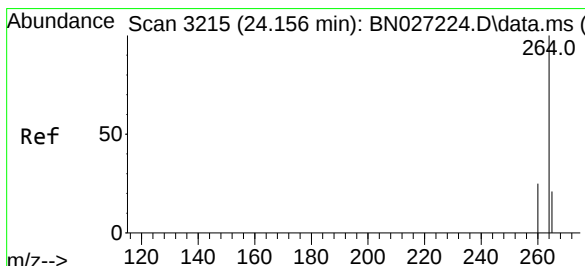
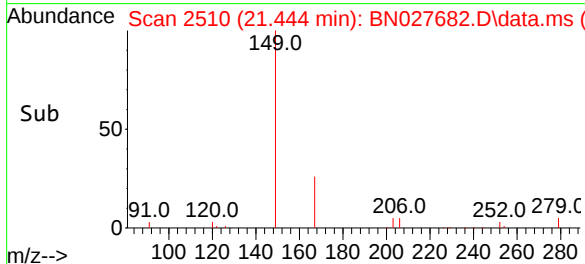
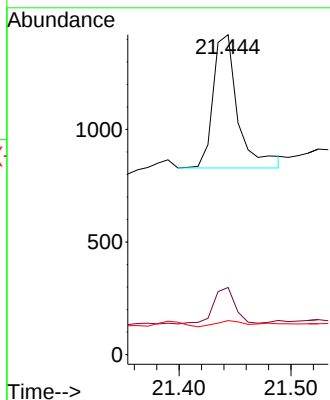
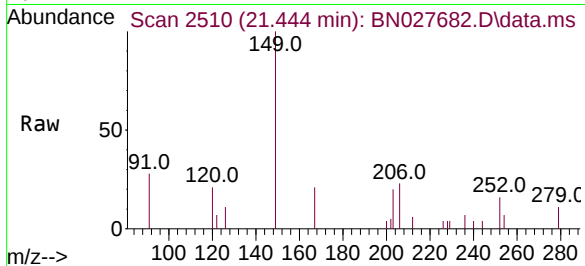




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.059 ng
 RT: 21.444 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN027682.D
 Acq: 14 Sep 2023 16:21

Instrument :
 BNA_N
 ClientSampleId :
 FB-20230907

Tgt Ion:149 Resp: 911
 Ion Ratio Lower Upper
 149 100
 167 24.4 22.1 33.1
 279 5.8 2.7 4.1#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.092 min Scan# 3193
 Delta R.T. -0.003 min
 Lab File: BN027682.D
 Acq: 14 Sep 2023 16:21

Tgt Ion:264 Resp: 8001
 Ion Ratio Lower Upper
 264 100
 260 26.7 20.7 31.1
 265 99.1 53.3 79.9#

