

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
 Data File : BN027591.D
 Acq On : 12 Sep 2023 01:55
 Operator : MA/JU
 Sample : PB155316BL
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB155316BL

Quant Time: Sep 12 04:04:14 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)

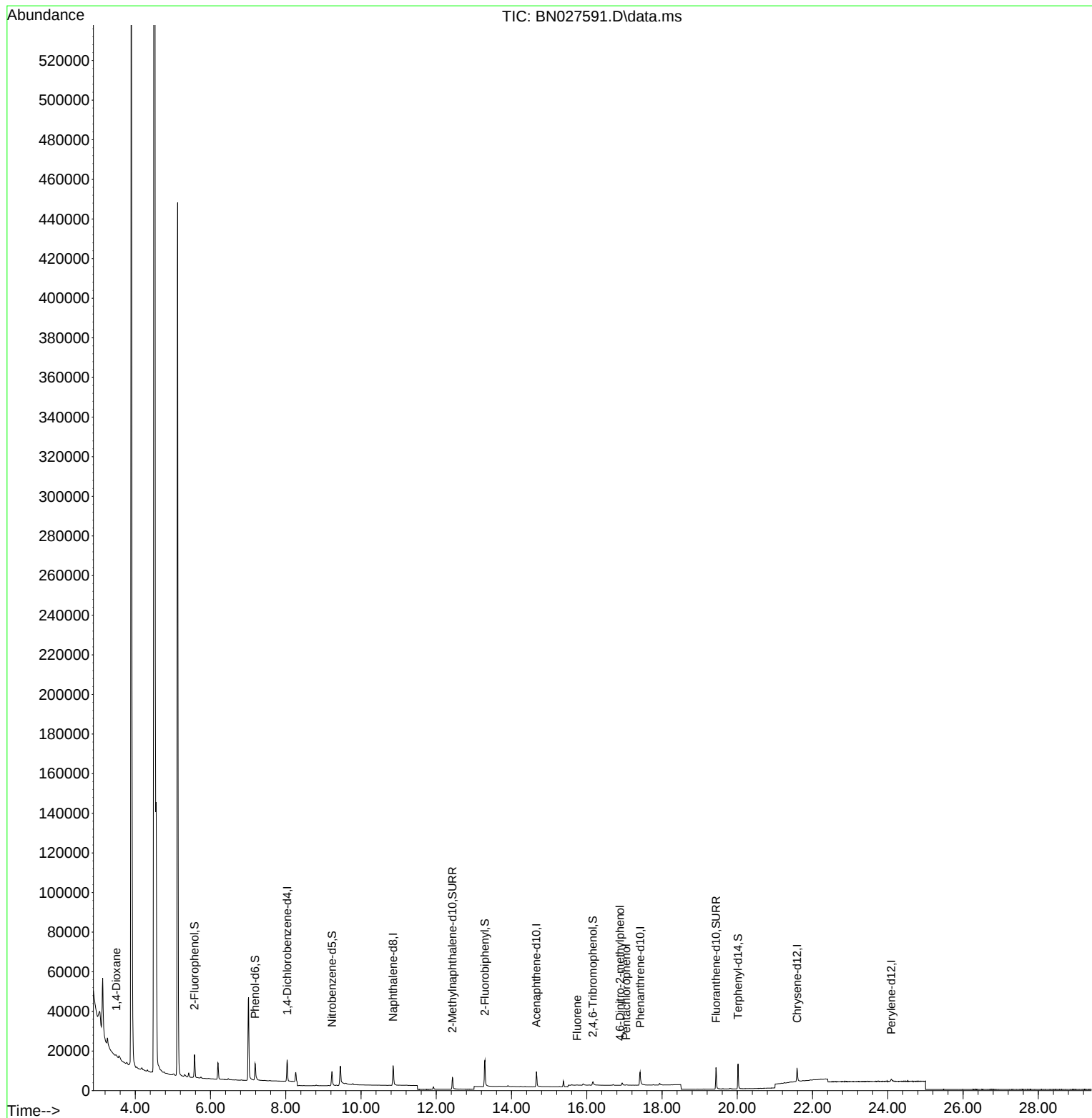
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	5523	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	14547	0.400	ng	# 0.00
13) Acenaphthene-d10	14.662	164	4928	0.400	ng	0.00
19) Phenanthrene-d10	17.418	188	12961	0.400	ng	# 0.01
29) Chrysene-d12	21.587	240	7732	0.400	ng	# 0.00
35) Perylene-d12	24.095	264	1854	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.574	112	9959	0.692	ng	0.00
5) Phenol-d6	7.185	99	9451	0.540	ng	0.00
8) Nitrobenzene-d5	9.230	82	6557	0.618	ng	0.00
11) 2-Methylnaphthalene-d10	12.430	152	9447	0.442	ng	0.00
14) 2,4,6-Tribromophenol	16.164	330	1423	0.780	ng	0.01
15) 2-Fluorobiphenyl	13.293	172	14633	0.781	ng	0.00
27) Fluoranthene-d10	19.435	212	13880	0.431	ng	0.00
31) Terphenyl-d14	20.020	244	13273	0.855	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.494	88	820	0.122	ng	# 83
18) Fluorene	15.742	166	510	0.026	ng	# 11
20) 4,6-Dinitro-2-methylph...	16.884	198	7	0.038	ng	# 58
24) Pentachlorophenol	17.046	266	150	0.048	ng	# 81

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

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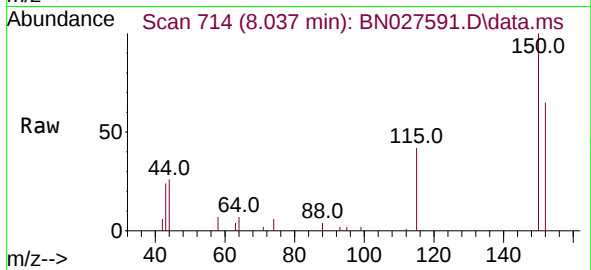
Quant Time: Sep 12 04:04:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration



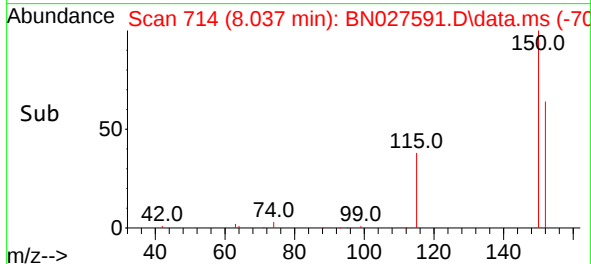
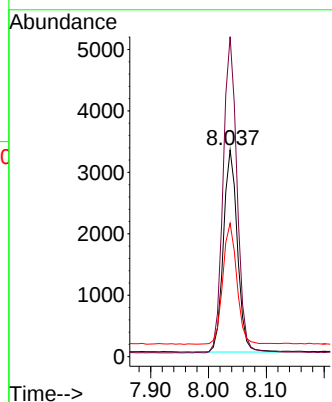


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.037 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: BN027591.D
 Acq: 12 Sep 2023 01:55

Instrument :
 BNA_N
 ClientSampleId :
 PB155316BL

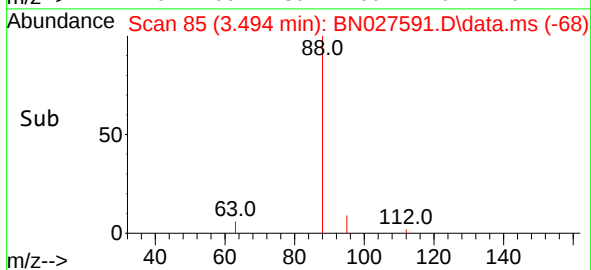
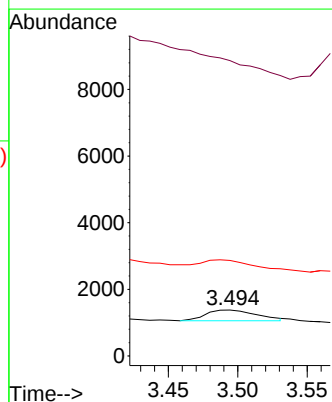
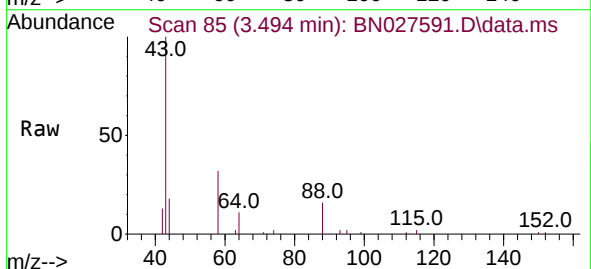


Tgt Ion:152 Resp: 5523
 Ion Ratio Lower Upper
 152 100
 150 154.8 122.7 184.1
 115 64.5 48.6 73.0



#2
 1,4-Dioxane
 Concen: 0.122 ng
 RT: 3.494 min Scan# 85
 Delta R.T. 0.022 min
 Lab File: BN027591.D
 Acq: 12 Sep 2023 01:55

Tgt Ion: 88 Resp: 820
 Ion Ratio Lower Upper
 88 100
 43 0.0 19.1 28.7#
 58 69.8 52.2 78.2

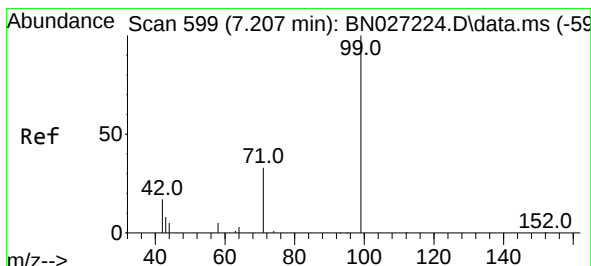
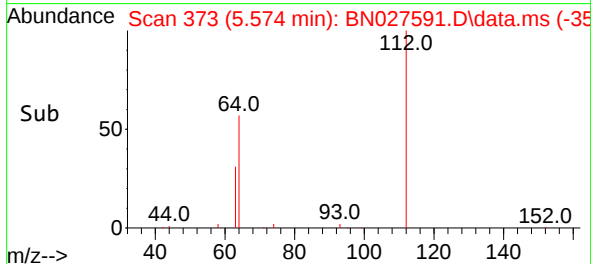
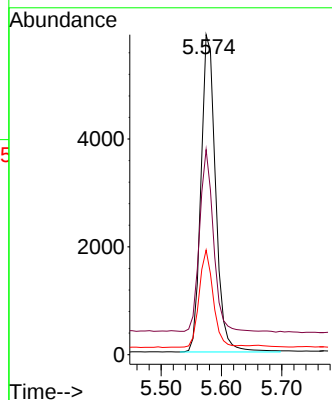
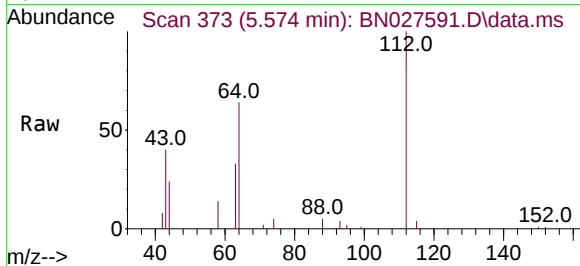




#4
2-Fluorophenol
Concen: 0.692 ng
RT: 5.574 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027591.D
Acq: 12 Sep 2023 01:55

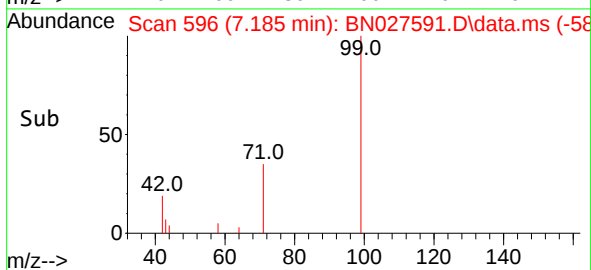
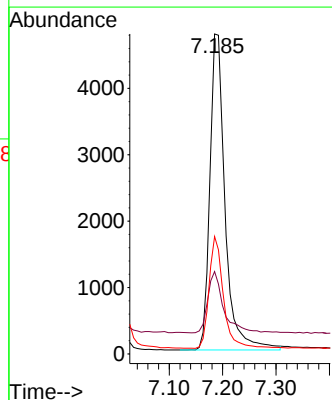
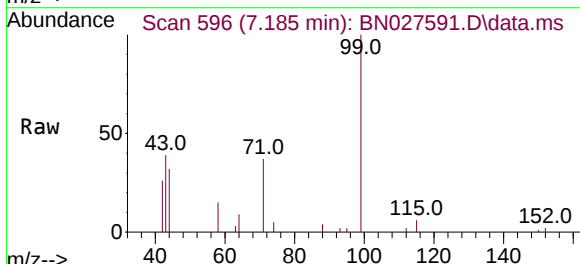
Instrument :
BNA_N
ClientSampleId :
PB155316BL

Tgt Ion:112 Resp: 9959
Ion Ratio Lower Upper
112 100
64 55.2 44.4 66.6
63 29.1 23.1 34.7



#5
Phenol-d6
Concen: 0.540 ng
RT: 7.185 min Scan# 596
Delta R.T. 0.000 min
Lab File: BN027591.D
Acq: 12 Sep 2023 01:55

Tgt Ion: 99 Resp: 9451
Ion Ratio Lower Upper
99 100
42 20.2 14.5 21.7
71 33.3 25.8 38.6

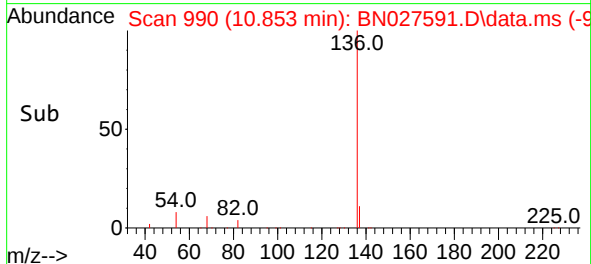
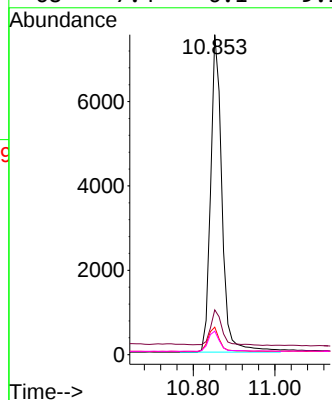
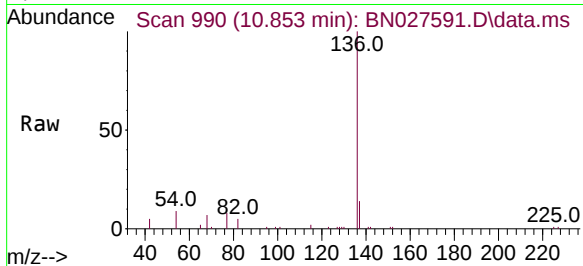




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 994
Delta R.T. 0.000 min
Lab File: BN027591.D
Acq: 12 Sep 2023 01:55

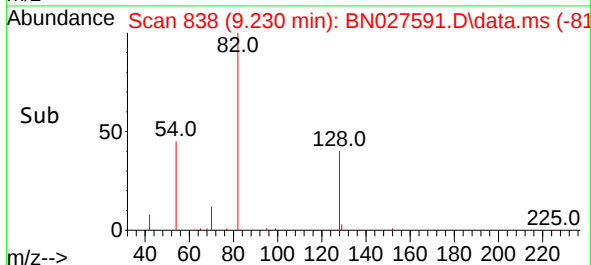
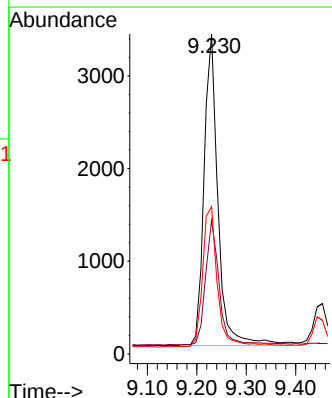
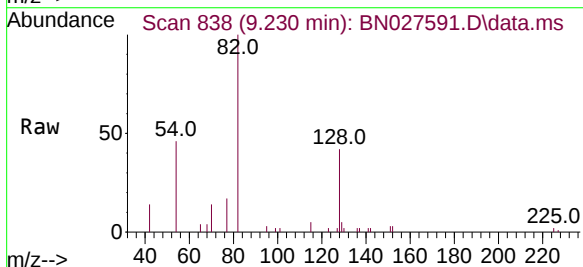
Instrument :
BNA_N
ClientSampleId :
PB155316BL

Tgt Ion:136 Resp: 14547
Ion Ratio Lower Upper
136 100
137 14.0 9.3 13.9#
54 8.6 6.7 10.1
68 7.4 6.1 9.1



#8
Nitrobenzene-d5
Concen: 0.618 ng
RT: 9.230 min Scan# 838
Delta R.T. 0.000 min
Lab File: BN027591.D
Acq: 12 Sep 2023 01:55

Tgt Ion: 82 Resp: 6557
Ion Ratio Lower Upper
82 100
128 41.7 33.4 50.0
54 46.1 37.7 56.5

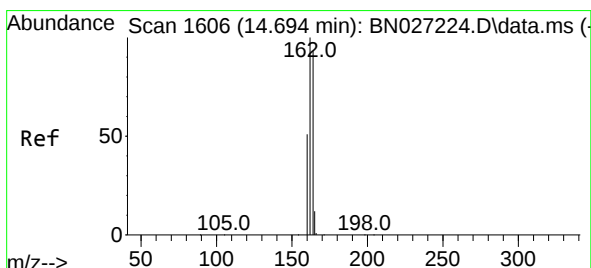
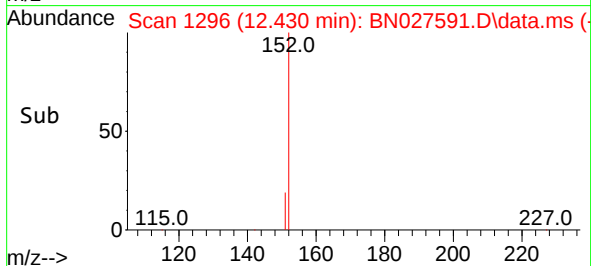
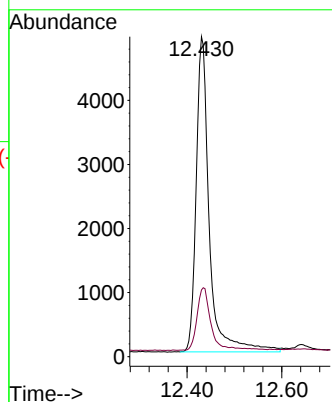
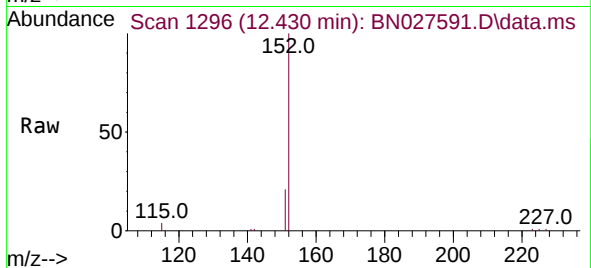




#11
2-Methylnaphthalene-d10
Concen: 0.442 ng
RT: 12.430 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027591.D
Acq: 12 Sep 2023 01:55

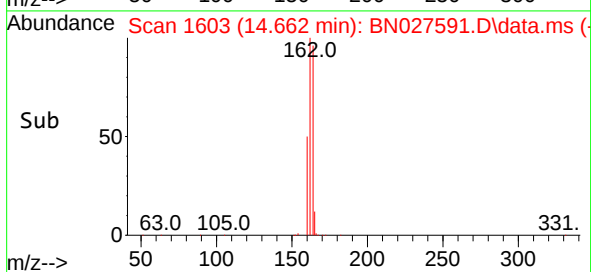
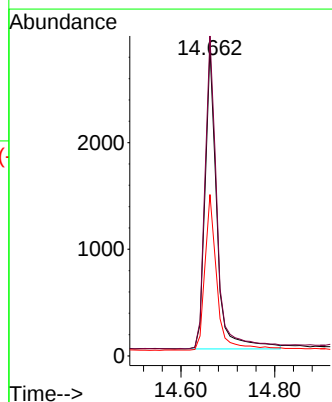
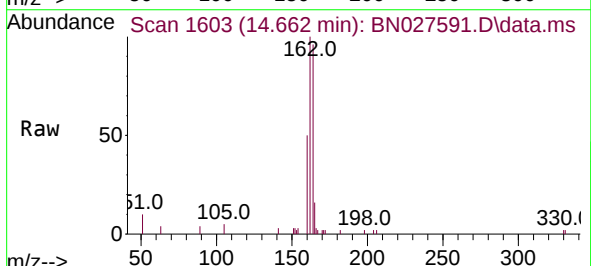
Instrument :
BNA_N
ClientSampleId :
PB155316BL

Tgt Ion:152 Resp: 9447
Ion Ratio Lower Upper
152 100
151 21.5 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.662 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BN027591.D
Acq: 12 Sep 2023 01:55

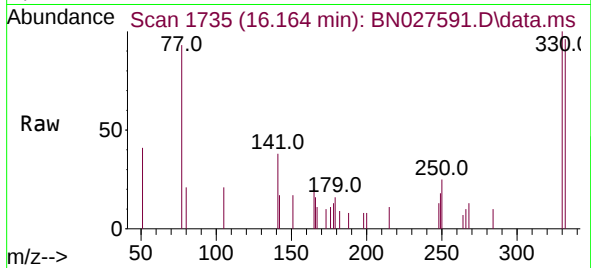
Tgt Ion:164 Resp: 4928
Ion Ratio Lower Upper
164 100
162 104.1 85.8 128.8
160 52.5 44.2 66.2



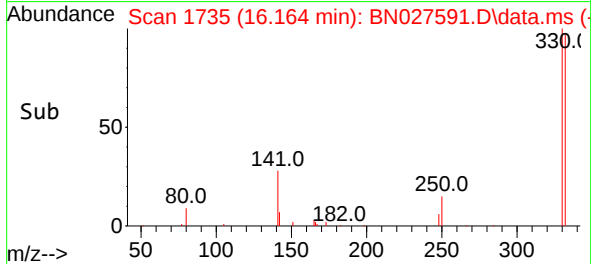
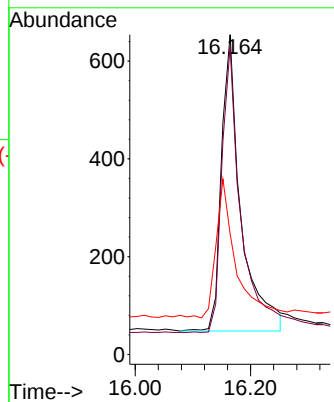


#14
2,4,6-Tribromophenol
Concen: 0.780 ng
RT: 16.164 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN027591.D
Acq: 12 Sep 2023 01:55

Instrument :
BNA_N
ClientSampleId :
PB155316BL

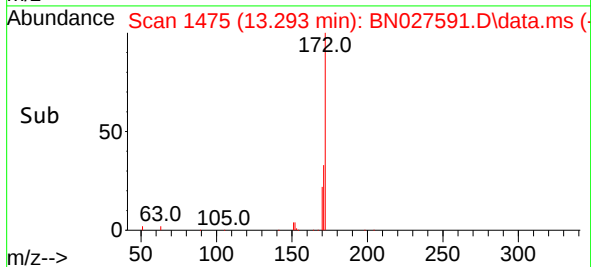
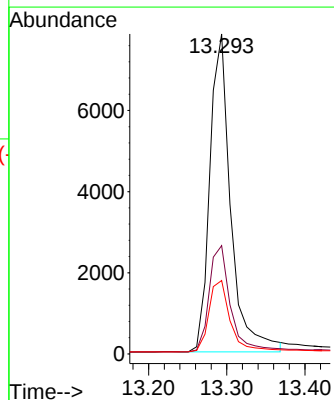
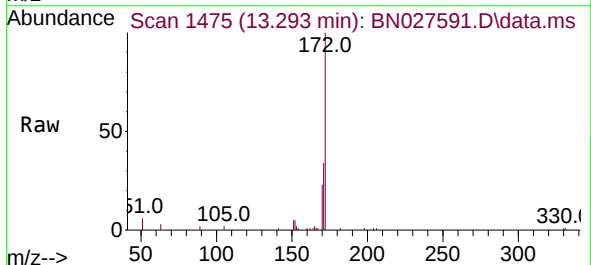


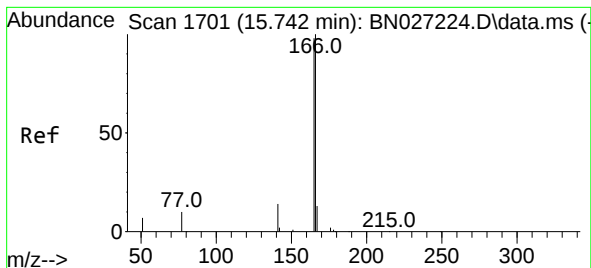
Tgt Ion: 330 Resp: 1423
Ion Ratio Lower Upper
330 100
332 94.7 75.2 112.8
141 45.9 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.781 ng
RT: 13.293 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BN027591.D
Acq: 12 Sep 2023 01:55

Tgt Ion: 172 Resp: 14633
Ion Ratio Lower Upper
172 100
171 33.8 27.8 41.8
170 23.0 19.3 28.9





#18

Fluorene

Concen: 0.026 ng

RT: 15.742 min Scan# 1

Delta R.T. 0.037 min

Lab File: BN027591.D

Acq: 12 Sep 2023 01:55

Instrument :

BNA_N

ClientSampleId :

PB155316BL

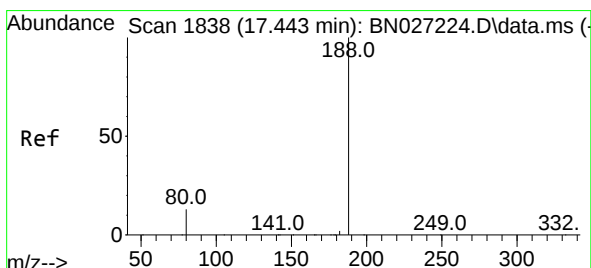
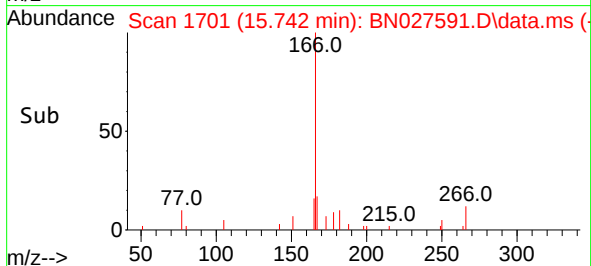
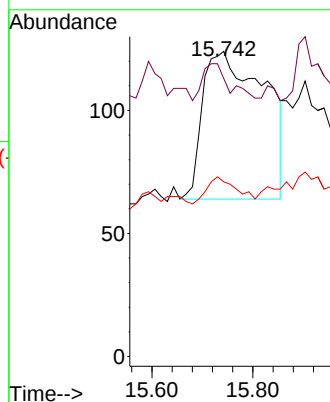
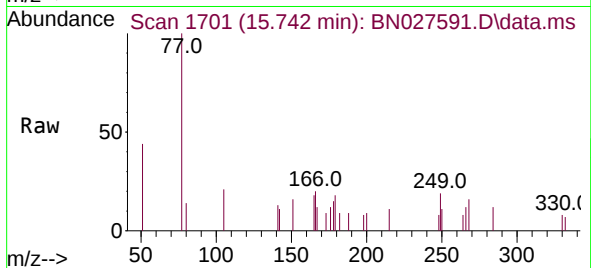
Tgt Ion:166 Resp: 510

Ion Ratio Lower Upper

166 100

165 0.0 79.0 118.4#

167 8.8 10.8 16.2#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.418 min Scan# 1836

Delta R.T. 0.012 min

Lab File: BN027591.D

Acq: 12 Sep 2023 01:55

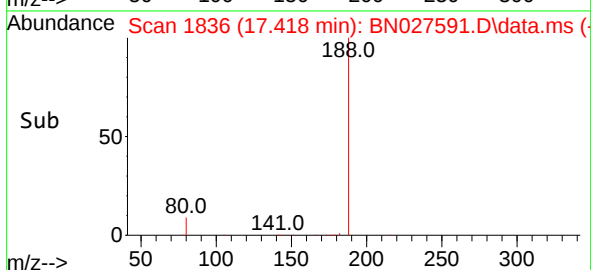
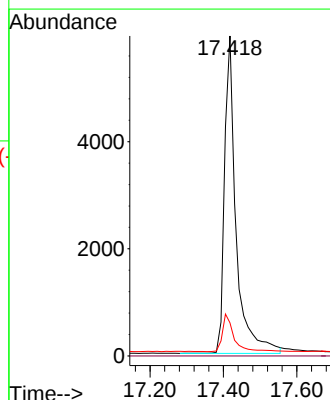
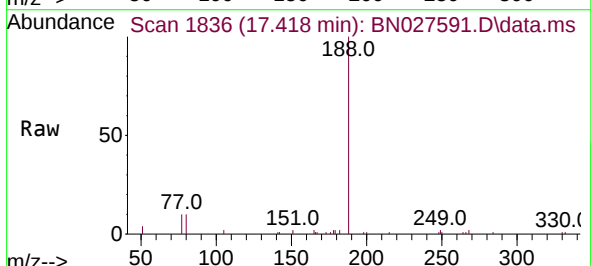
Tgt Ion:188 Resp: 12961

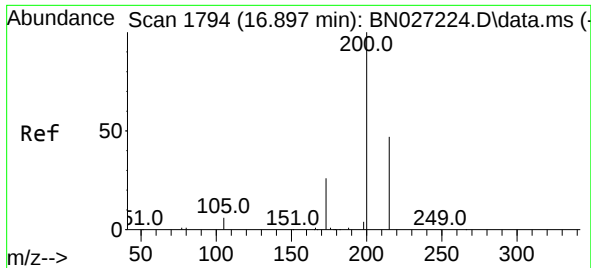
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 11.0 16.6#

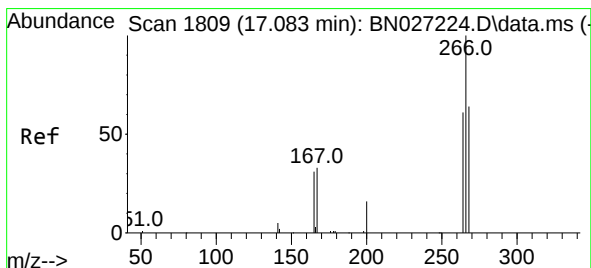
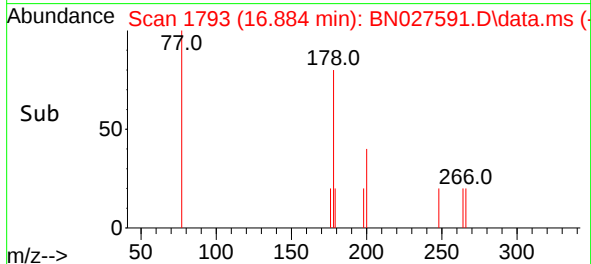
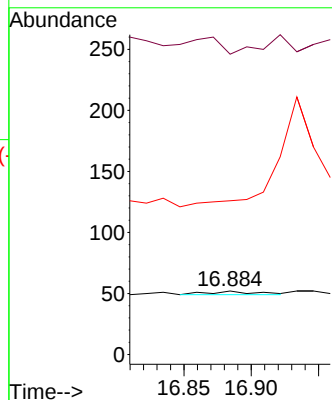
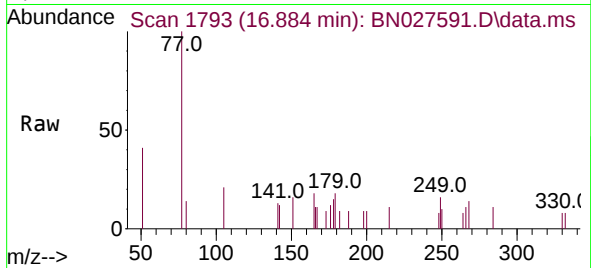




#20
4,6-Dinitro-2-methylphenol
Concen: 0.038 ng
RT: 16.884 min Scan# 11
Delta R.T. 0.025 min
Lab File: BN027591.D
Acq: 12 Sep 2023 01:55

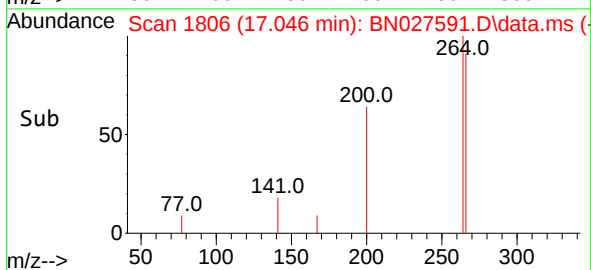
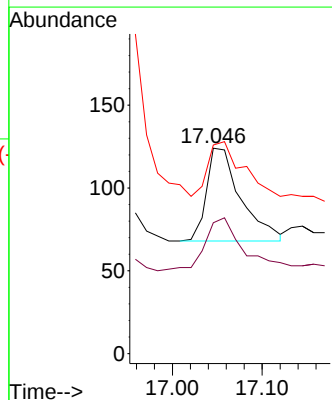
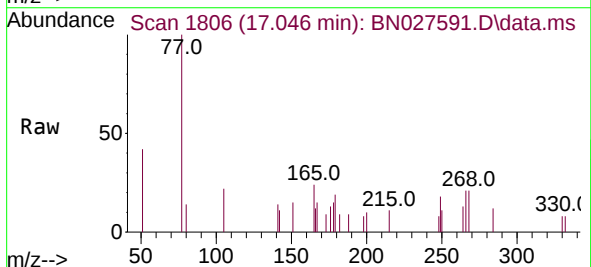
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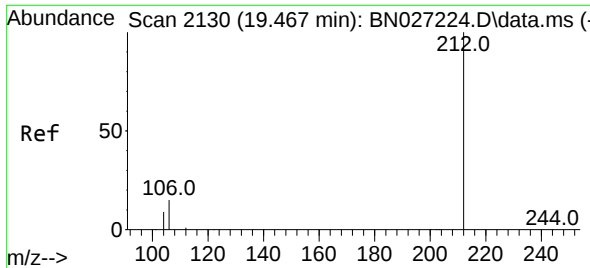
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 473.1 282.2 423.2#
105 242.3 168.7 253.1



#24
Pentachlorophenol
Concen: 0.048 ng
RT: 17.046 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BN027591.D
Acq: 12 Sep 2023 01:55

Tgt Ion:266 Resp: 150
Ion Ratio Lower Upper
266 100
264 65.3 50.3 75.5
268 92.7 52.0 78.0#

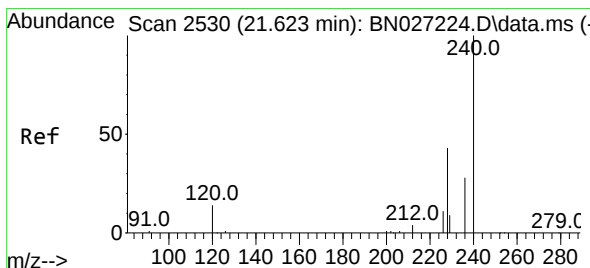
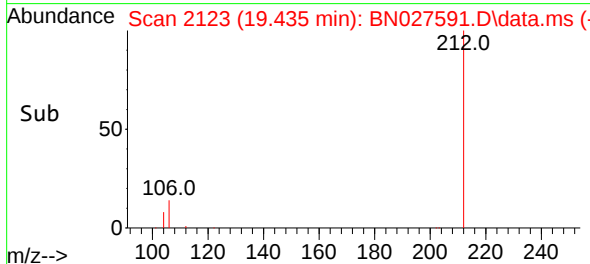
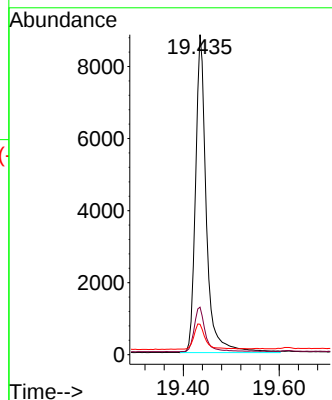
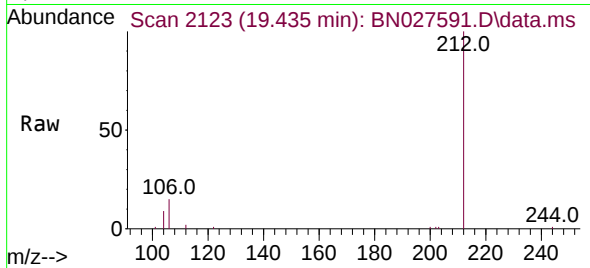




#27
Fluoranthene-d10
Concen: 0.431 ng
RT: 19.435 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BN027591.D
Acq: 12 Sep 2023 01:55

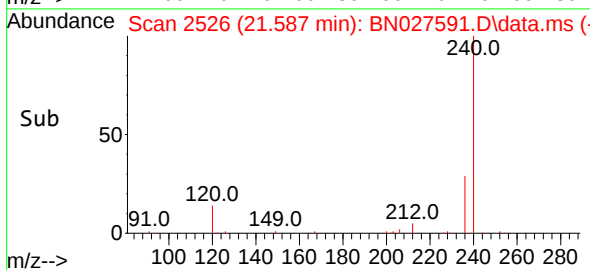
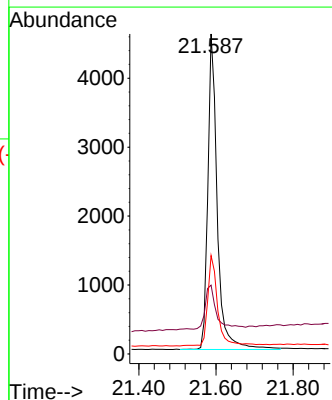
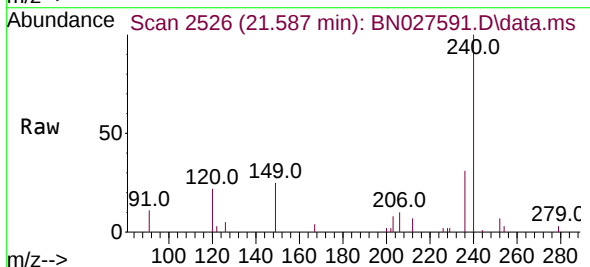
Instrument :
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PB155316BL

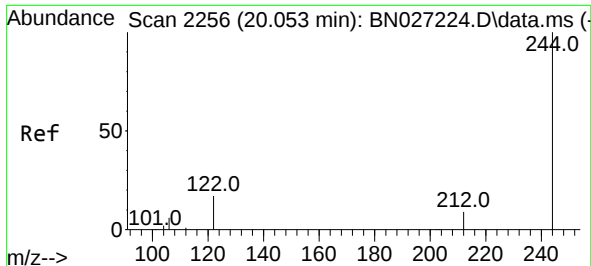
Tgt Ion:212 Resp: 13880
Ion Ratio Lower Upper
212 100
106 14.5 12.1 18.1
104 8.4 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2526
Delta R.T. 0.000 min
Lab File: BN027591.D
Acq: 12 Sep 2023 01:55

Tgt Ion:240 Resp: 7732
Ion Ratio Lower Upper
240 100
120 21.5 14.2 21.4#
236 30.7 22.9 34.3

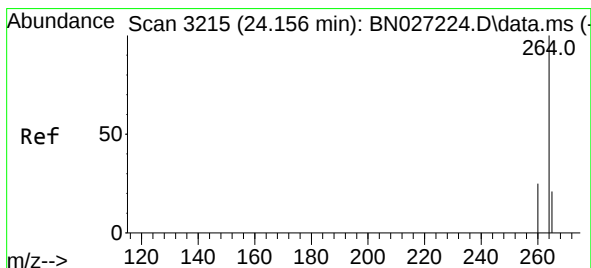
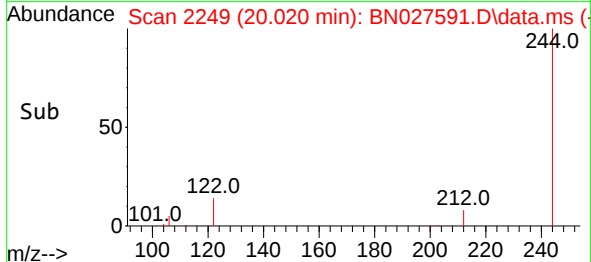
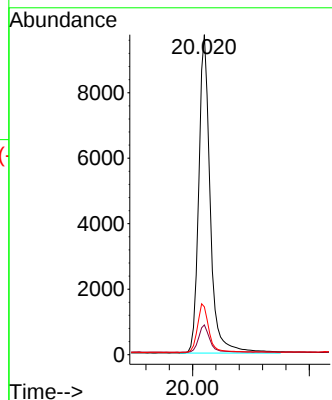
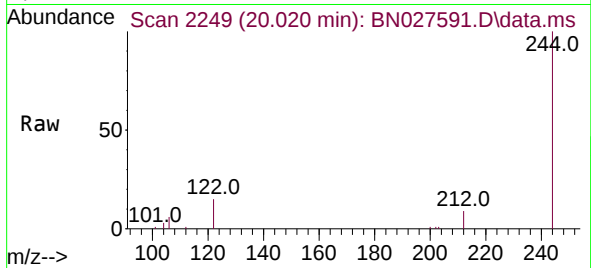




#31
Terphenyl-d14
Concen: 0.855 ng
RT: 20.020 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027591.D
Acq: 12 Sep 2023 01:55

Instrument :
BNA_N
ClientSampleId :
PB155316BL

Tgt Ion:244 Resp: 13273
Ion Ratio Lower Upper
244 100
212 9.3 7.5 11.3
122 14.9 14.0 21.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.095 min Scan# 3194
Delta R.T. 0.000 min
Lab File: BN027591.D
Acq: 12 Sep 2023 01:55

Tgt Ion:264 Resp: 1854
Ion Ratio Lower Upper
264 100
260 34.5 20.7 31.1#
265 372.7 53.3 79.9#

