

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
 Data File : BN027643.D
 Acq On : 13 Sep 2023 13:49
 Operator : MA/JU
 Sample : 04272-01DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 13 15:30:52 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

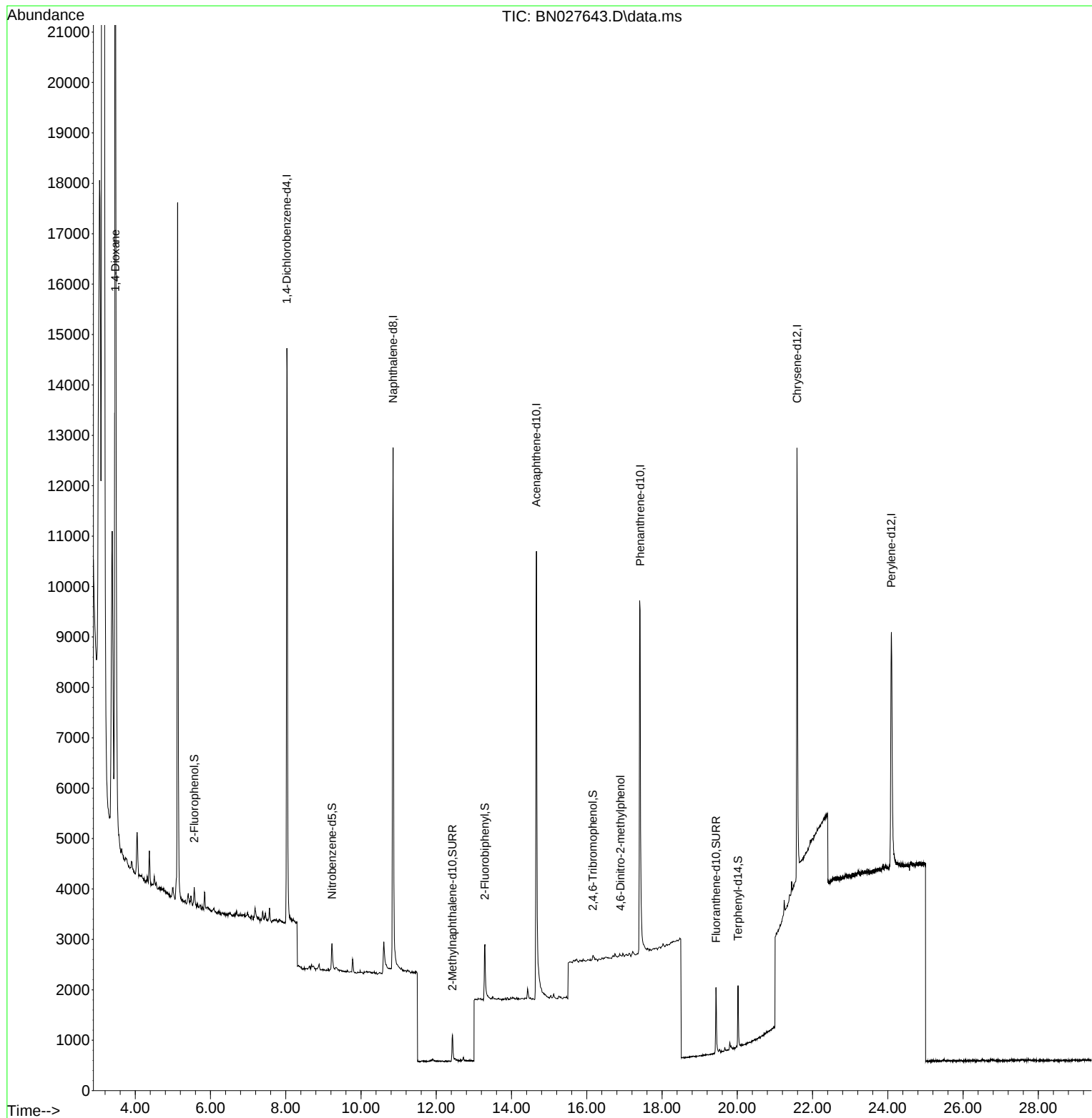
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	6115	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	15792	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	6842	0.400	ng	0.00
19) Phenanthrene-d10	17.418	188	13657	0.400	ng	# 0.01
29) Chrysene-d12	21.587	240	9663	0.400	ng	0.00
35) Perylene-d12	24.095	264	8903	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	332	0.021	ng	0.00
5) Phenol-d6	7.185	99	260	0.013	ng	0.00
8) Nitrobenzene-d5	9.230	82	644	0.056	ng	0.00
11) 2-Methylnaphthalene-d10	12.426	152	887	0.038	ng	0.00
14) 2,4,6-Tribromophenol	16.164	330	72	0.028	ng	0.01
15) 2-Fluorobiphenyl	13.293	172	1448	0.056	ng	0.00
27) Fluoranthene-d10	19.435	212	1625	0.048	ng	0.00
31) Terphenyl-d14	20.020	244	1391	0.072	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.473	88	24652	3.302	ng	95
20) 4,6-Dinitro-2-methylph...	16.897	198	12	0.062	ng	# 39

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

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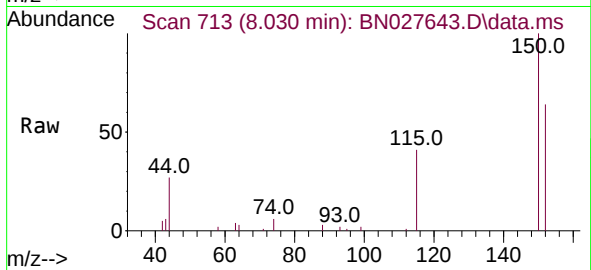
Quant Time: Sep 13 15:30:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration



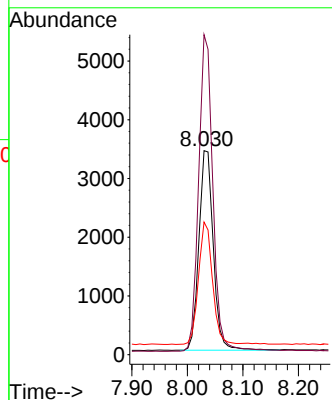
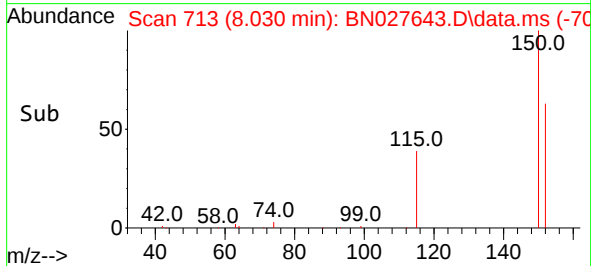


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.030 min Scan# 719
 Delta R.T. -0.007 min
 Lab File: BN027643.D
 Acq: 13 Sep 2023 13:49

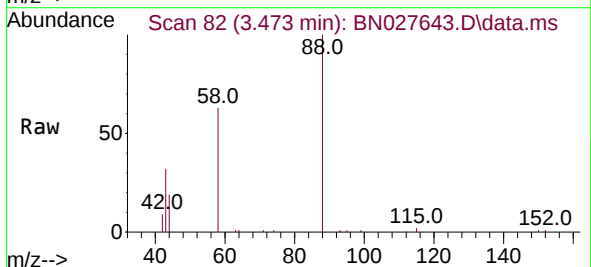
Instrument :
 BNA_N
 ClientSampleId :



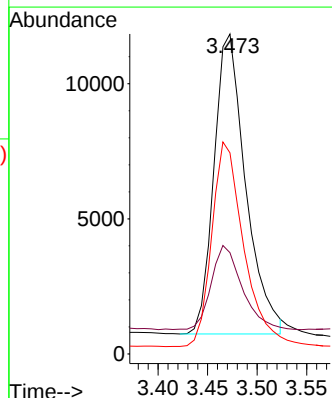
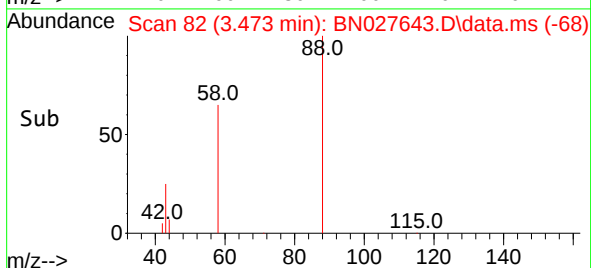
Tgt Ion:152 Resp: 6115
 Ion Ratio Lower Upper
 152 100
 150 156.9 122.7 184.1
 115 65.1 48.6 73.0



#2
 1,4-Dioxane
 Concen: 3.302 ng
 RT: 3.473 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: BN027643.D
 Acq: 13 Sep 2023 13:49



Tgt Ion: 88 Resp: 24652
 Ion Ratio Lower Upper
 88 100
 43 27.2 19.1 28.7
 58 68.4 52.2 78.2

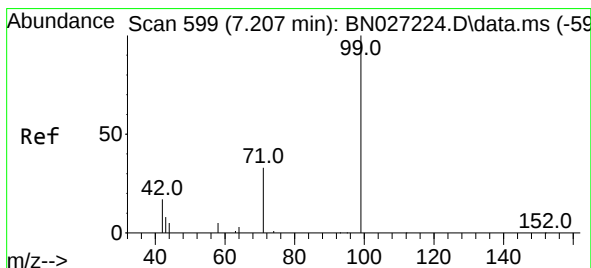
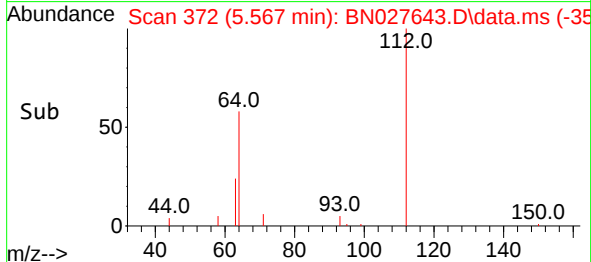
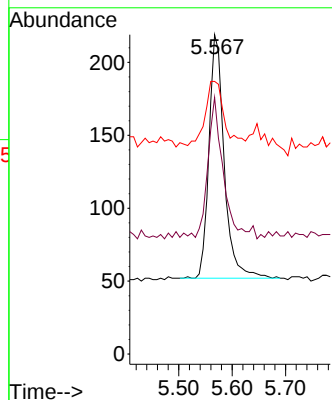
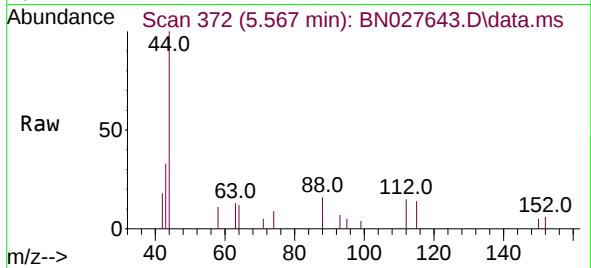




#4
2-Fluorophenol
Concen: 0.021 ng
RT: 5.567 min Scan# 311
Delta R.T. -0.007 min
Lab File: BN027643.D
Acq: 13 Sep 2023 13:49

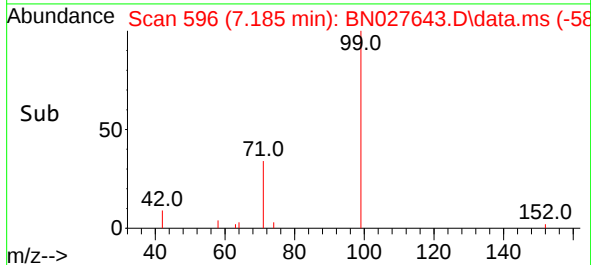
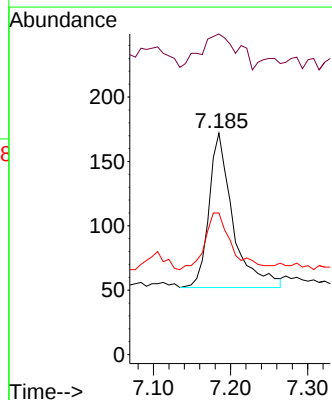
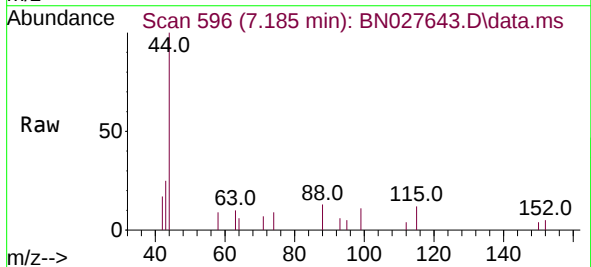
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 332
Ion Ratio Lower Upper
112 100
64 57.5 44.4 66.6
63 33.1 23.1 34.7



#5
Phenol-d6
Concen: 0.013 ng
RT: 7.185 min Scan# 596
Delta R.T. -0.000 min
Lab File: BN027643.D
Acq: 13 Sep 2023 13:49

Tgt Ion: 99 Resp: 260
Ion Ratio Lower Upper
99 100
42 35.8 14.5 21.7#
71 40.0 25.8 38.6#

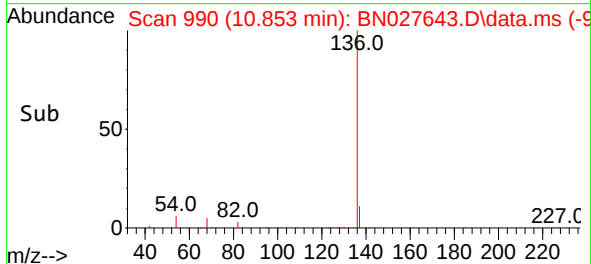
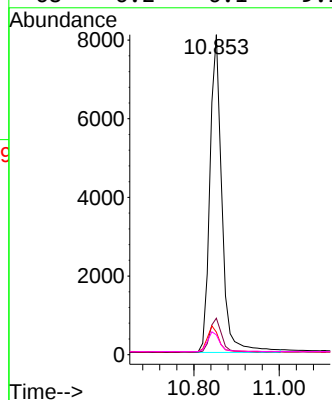
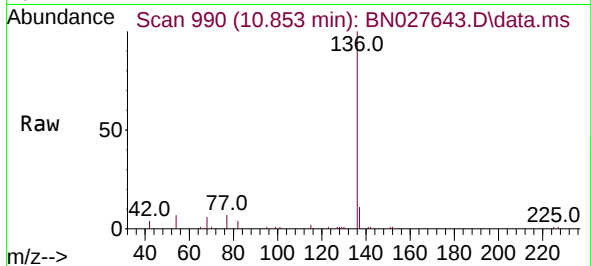




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN027643.D
Acq: 13 Sep 2023 13:49

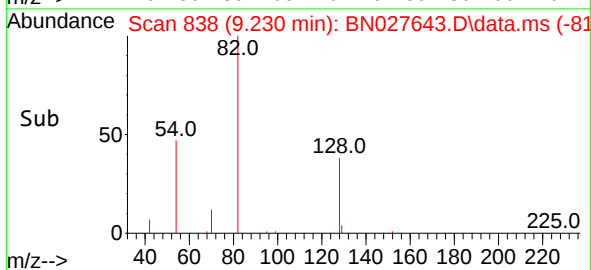
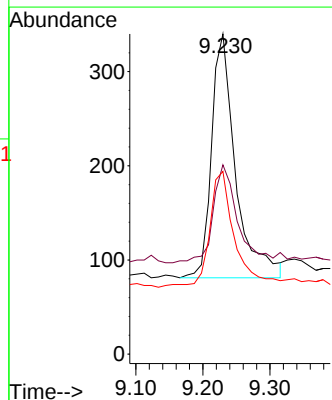
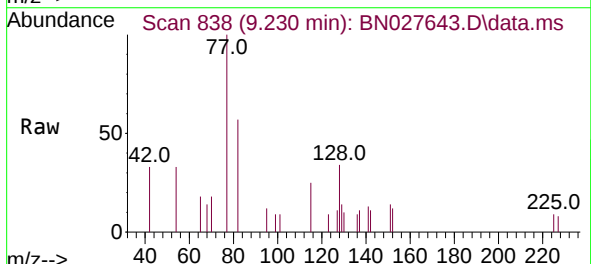
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136	Resp:	15792
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.3 13.9
54	7.1	6.7 10.1
68	6.2	6.1 9.1



#8
Nitrobenzene-d5
Concen: 0.056 ng
RT: 9.230 min Scan# 838
Delta R.T. -0.000 min
Lab File: BN027643.D
Acq: 13 Sep 2023 13:49

Tgt Ion: 82	Resp:	644
Ion Ratio	Lower	Upper
82	100	
128	59.1	33.4 50.0#
54	57.1	37.7 56.5#





#11

2-Methylnaphthalene-d10

Concen: 0.038 ng

RT: 12.426 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN027643.D

Acq: 13 Sep 2023 13:49

Instrument :

BNA_N

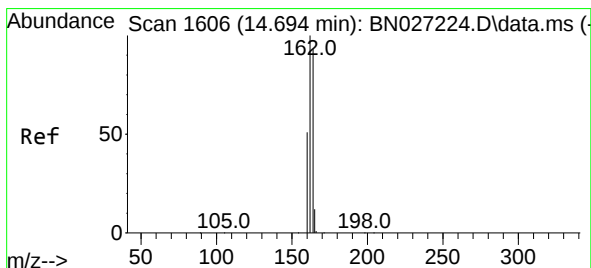
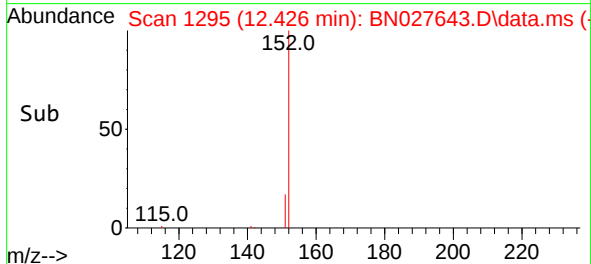
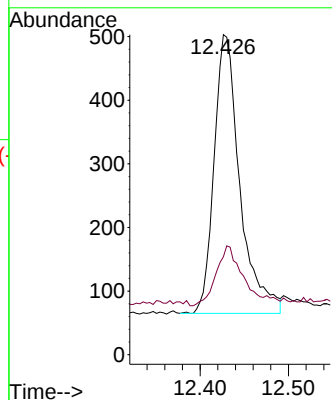
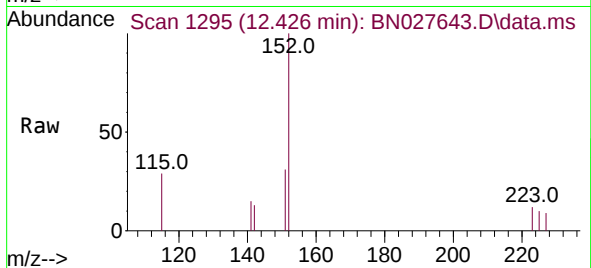
ClientSampleId :

Tgt Ion:152 Resp: 887

Ion Ratio Lower Upper

152 100

151 21.6 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: BN027643.D

Acq: 13 Sep 2023 13:49

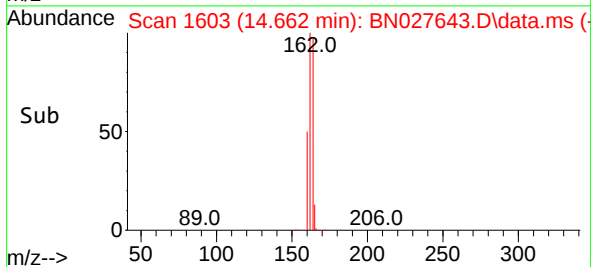
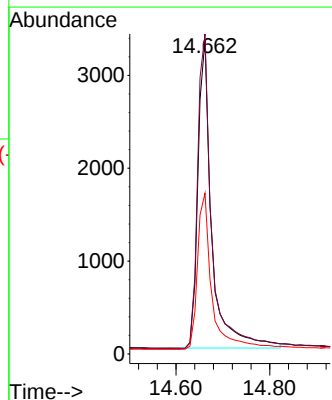
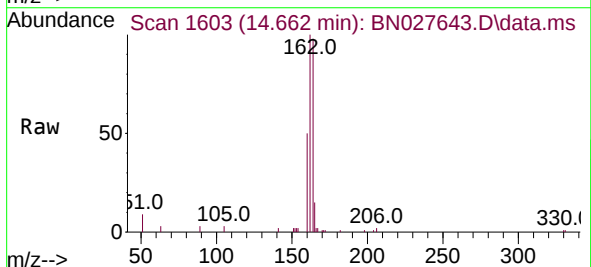
Tgt Ion:164 Resp: 6842

Ion Ratio Lower Upper

164 100

162 101.8 85.8 128.8

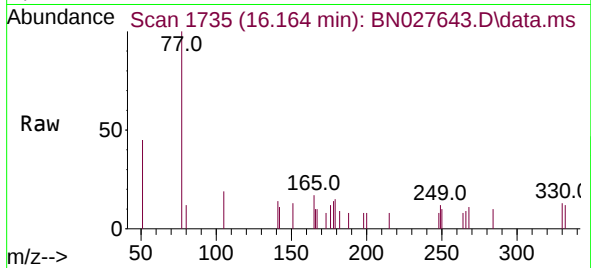
160 51.2 44.2 66.2



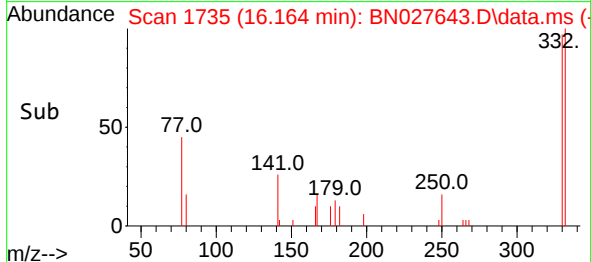
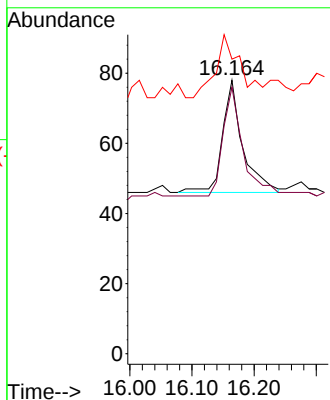


#14
2,4,6-Tribromophenol
Concen: 0.028 ng
RT: 16.164 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN027643.D
Acq: 13 Sep 2023 13:49

Instrument :
BNA_N
ClientSampleId :

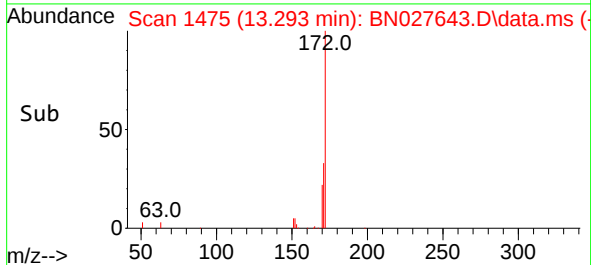
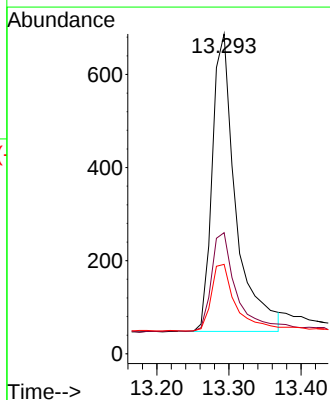
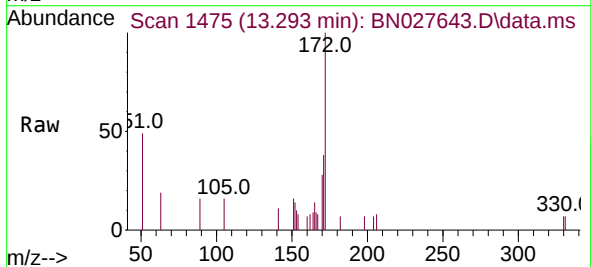


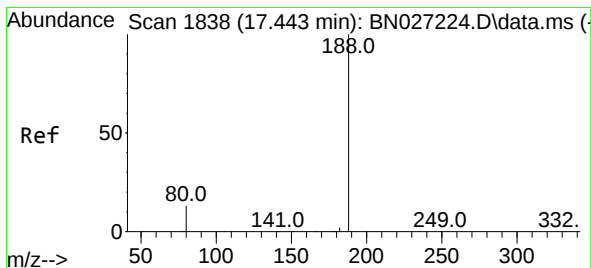
Tgt Ion:330 Resp: 72
Ion Ratio Lower Upper
330 100
332 95.8 75.2 112.8
141 69.4 36.2 54.4#



#15
2-Fluorobiphenyl
Concen: 0.056 ng
RT: 13.293 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN027643.D
Acq: 13 Sep 2023 13:49

Tgt Ion:172 Resp: 1448
Ion Ratio Lower Upper
172 100
171 37.8 27.8 41.8
170 27.9 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.418 min Scan# 1836

Delta R.T. 0.012 min

Lab File: BN027643.D

Acq: 13 Sep 2023 13:49

Instrument :

BNA_N

ClientSampleId :

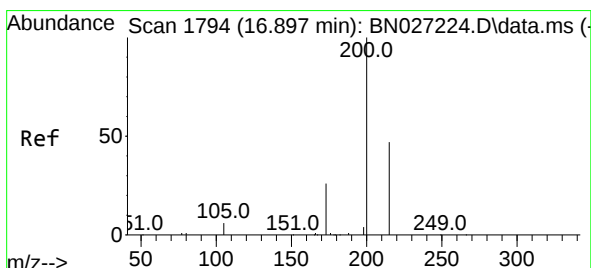
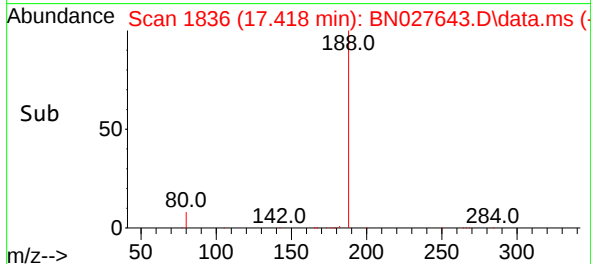
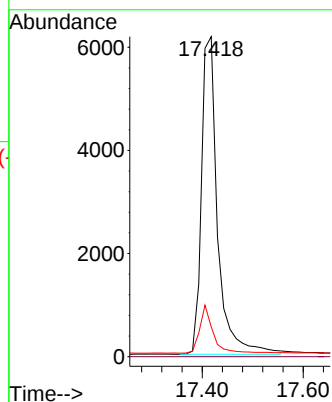
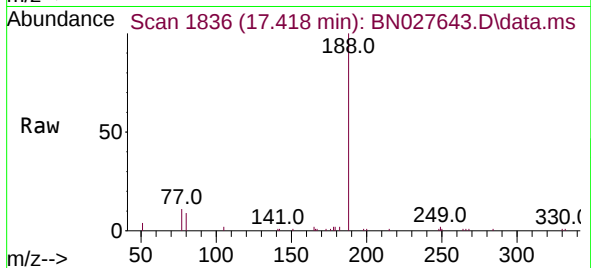
Tgt Ion:188 Resp: 13657

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.3 11.0 16.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.062 ng

RT: 16.897 min Scan# 1794

Delta R.T. 0.037 min

Lab File: BN027643.D

Acq: 13 Sep 2023 13:49

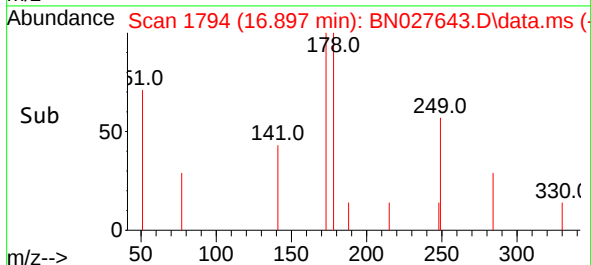
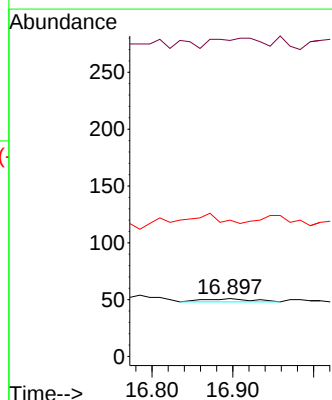
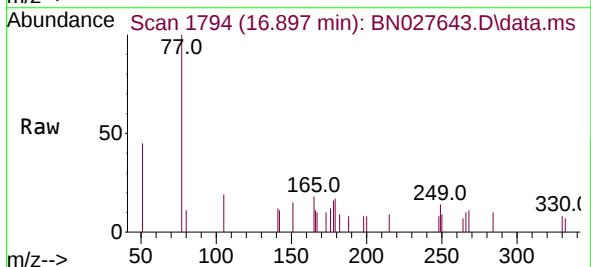
Tgt Ion:198 Resp: 12

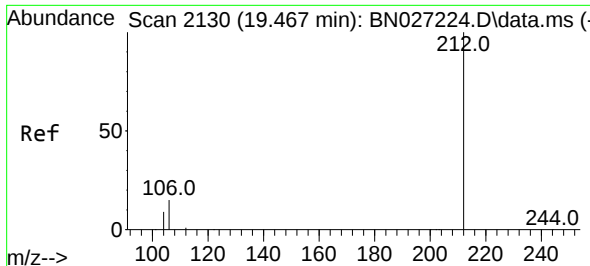
Ion Ratio Lower Upper

198 100

51 545.1 282.2 423.2#

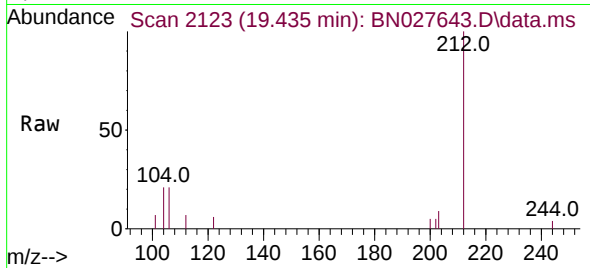
105 235.3 168.7 253.1



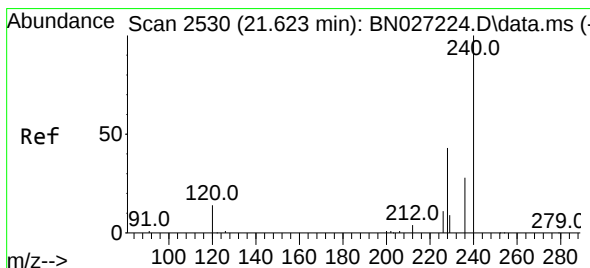
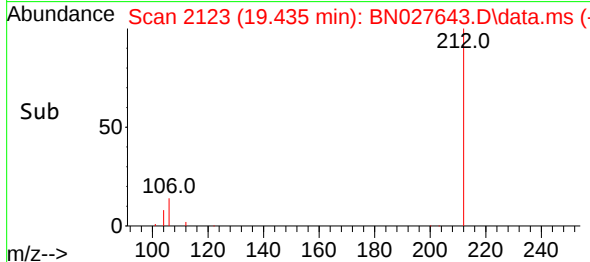
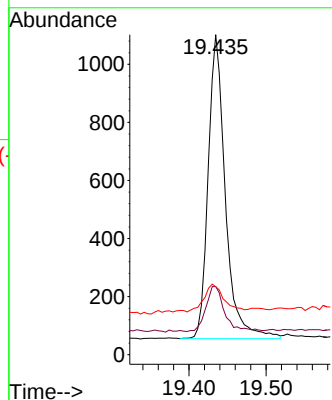


#27
Fluoranthene-d10
Concen: 0.048 ng
RT: 19.435 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN027643.D
Acq: 13 Sep 2023 13:49

Instrument :
BNA_N
ClientSampleId :

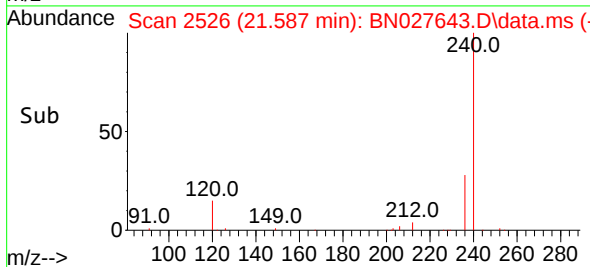
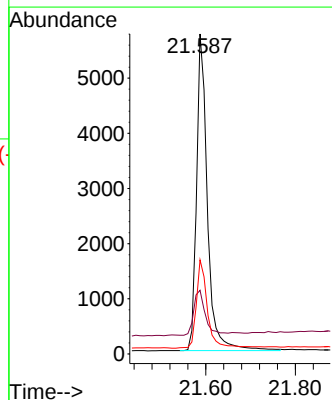
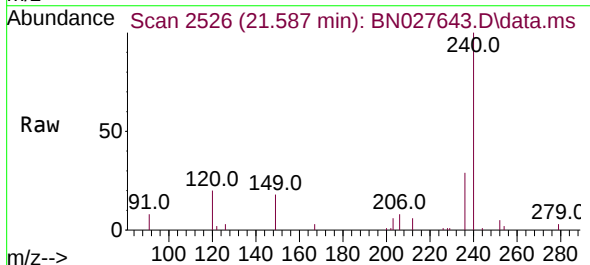


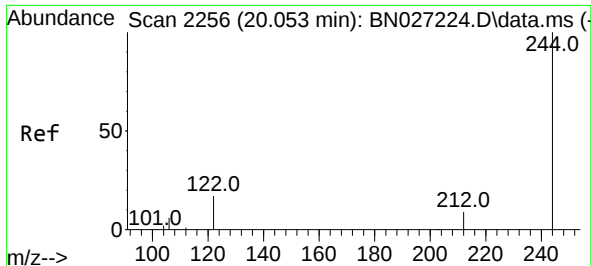
Tgt Ion:212 Resp: 1625
Ion Ratio Lower Upper
212 100
106 15.9 12.1 18.1
104 10.6 6.9 10.3#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2526
Delta R.T. -0.000 min
Lab File: BN027643.D
Acq: 13 Sep 2023 13:49

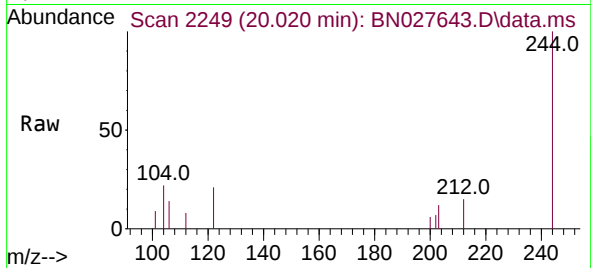
Tgt Ion:240 Resp: 9663
Ion Ratio Lower Upper
240 100
120 19.9 14.2 21.4
236 29.4 22.9 34.3



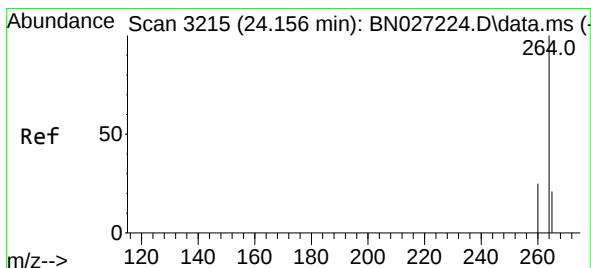
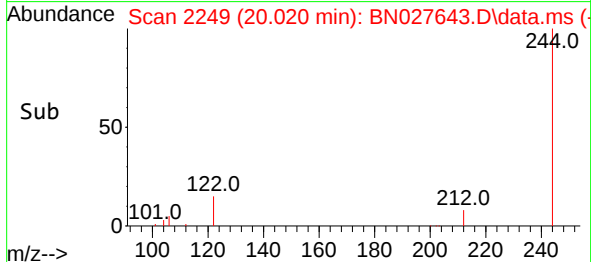
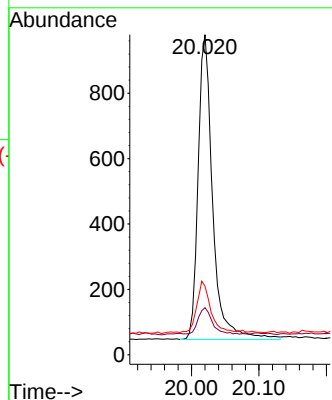


#31
 Terphenyl-d14
 Concen: 0.072 ng
 RT: 20.020 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN027643.D
 Acq: 13 Sep 2023 13:49

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:244 Resp: 1391
 Ion Ratio Lower Upper
 244 100
 212 14.7 7.5 11.3#
 122 21.5 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: BN027643.D
 Acq: 13 Sep 2023 13:49

Tgt Ion:264 Resp: 8903
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.7 31.1
 265 103.3 53.3 79.9#

