

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
 Data File : BN027642.D
 Acq On : 13 Sep 2023 13:11
 Operator : MA/JU
 Sample : 04251-04DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-07B-65-083023-3VDL

Quant Time: Sep 13 14:00:36 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)

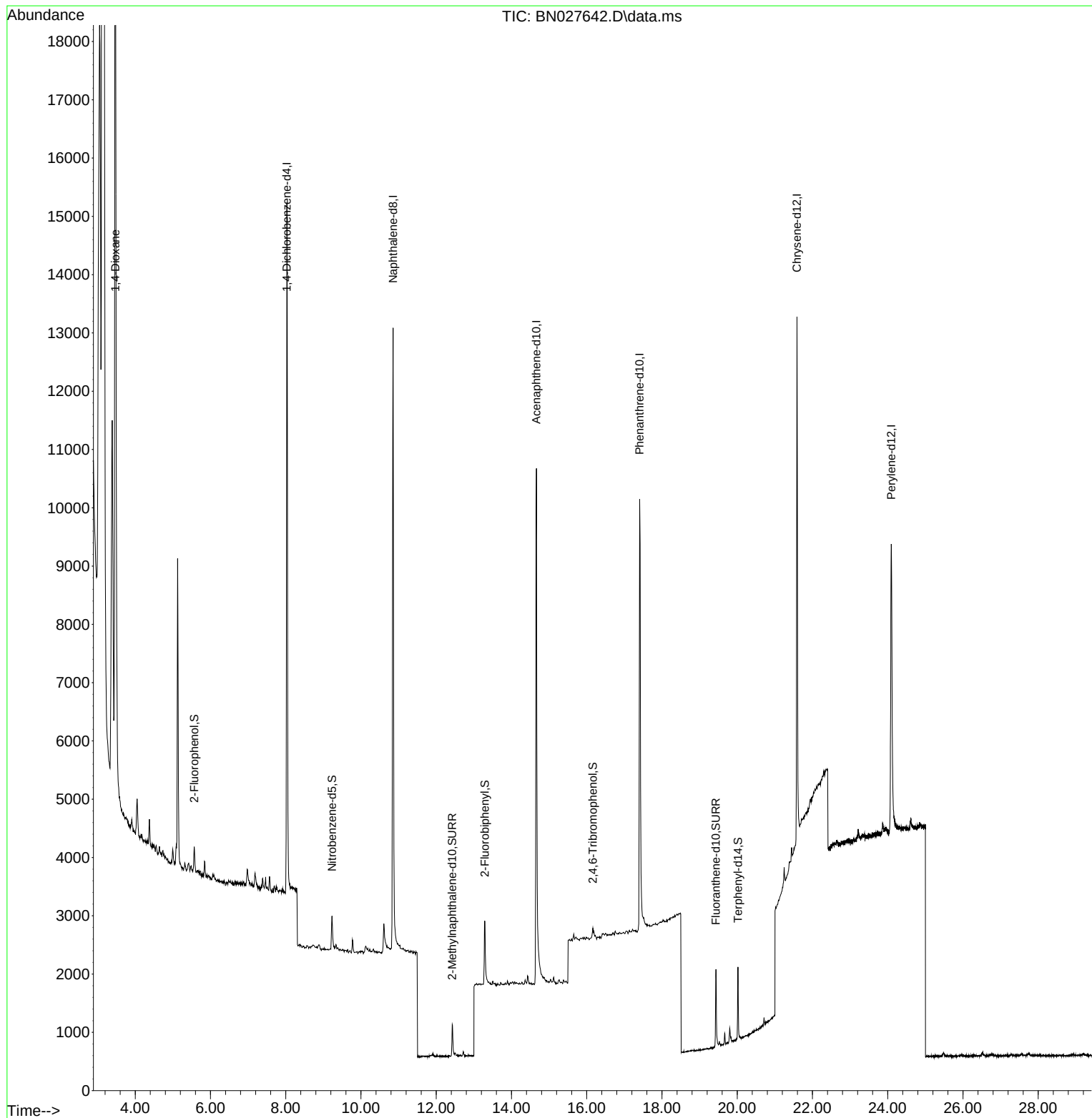
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	6276	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	15898	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	6946	0.400	ng	0.00
19) Phenanthrene-d10	17.405	188	13954	0.400	ng	0.00
29) Chrysene-d12	21.587	240	9752	0.400	ng	0.00
35) Perylene-d12	24.095	264	9172	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	443	0.027	ng	0.00
5) Phenol-d6	7.185	99	293	0.015	ng	0.00
8) Nitrobenzene-d5	9.230	82	652	0.056	ng	0.00
11) 2-Methylnaphthalene-d10	12.426	152	923	0.040	ng	0.00
14) 2,4,6-Tribromophenol	16.164	330	129	0.050	ng	0.01
15) 2-Fluorobiphenyl	13.293	172	1443	0.055	ng	0.00
27) Fluoranthene-d10	19.435	212	1649	0.048	ng	0.00
31) Terphenyl-d14	20.020	244	1352	0.069	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.473	88	21458	2.801	ng	Qvalue 96

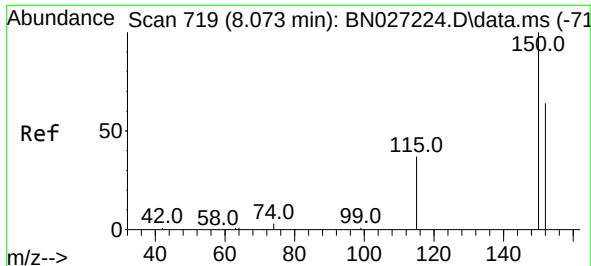
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration

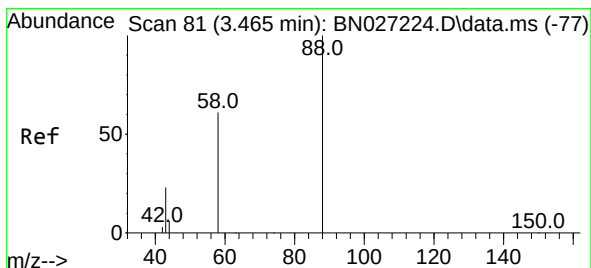
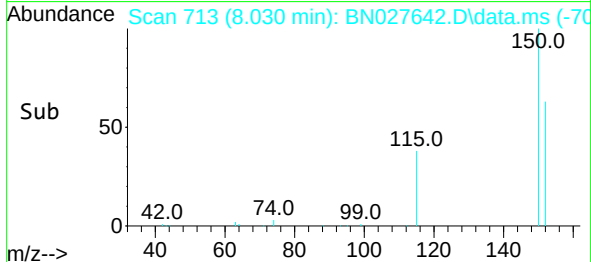
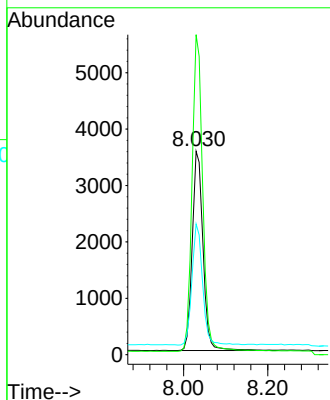
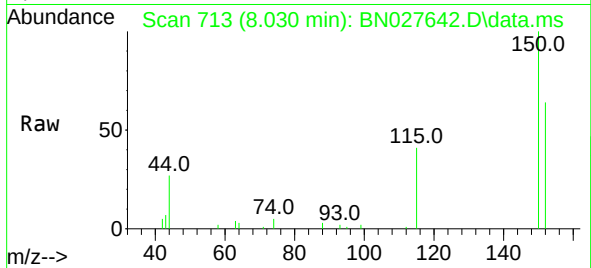




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.030 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027642.D
 Acq: 13 Sep 2023 13:11

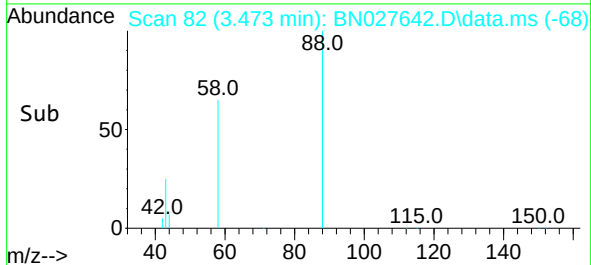
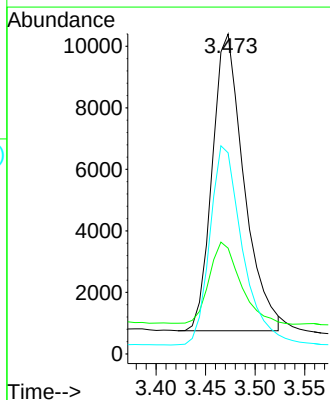
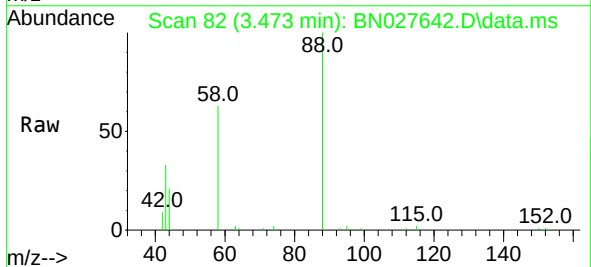
Instrument :
 BNA_N
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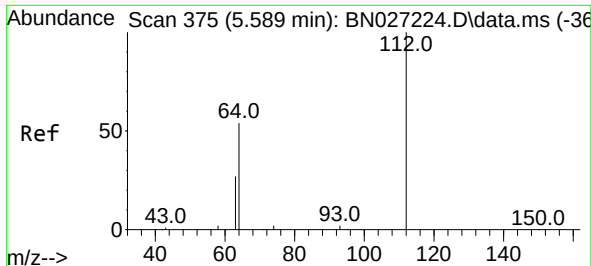
Tgt Ion:152 Resp: 6276
 Ion Ratio Lower Upper
 152 100
 150 157.3 122.7 184.1
 115 64.3 48.6 73.0



#2
 1,4-Dioxane
 Concen: 2.801 ng
 RT: 3.473 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: BN027642.D
 Acq: 13 Sep 2023 13:11

Tgt Ion: 88 Resp: 21458
 Ion Ratio Lower Upper
 88 100
 43 26.7 19.1 28.7
 58 68.3 52.2 78.2





#4

2-Fluorophenol

Concen: 0.027 ng

RT: 5.567 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN027642.D

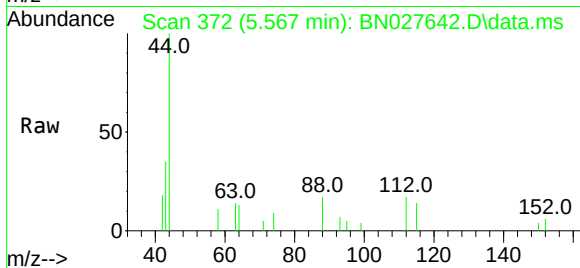
Acq: 13 Sep 2023 13:11

Instrument :

BNA_N

ClientSampleId :

OW-07B-65-083023-3VDL



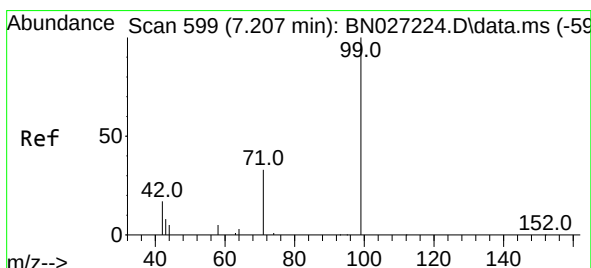
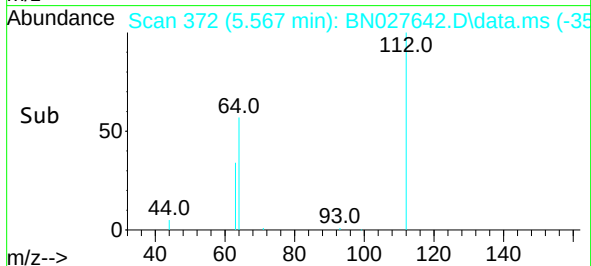
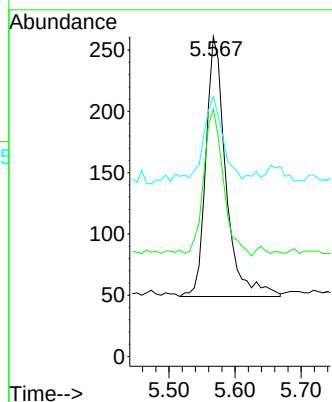
Tgt Ion:112 Resp: 443

Ion Ratio Lower Upper

112 100

64 56.2 44.4 66.6

63 32.5 23.1 34.7



#5

Phenol-d6

Concen: 0.015 ng

RT: 7.185 min Scan# 596

Delta R.T. -0.000 min

Lab File: BN027642.D

Acq: 13 Sep 2023 13:11

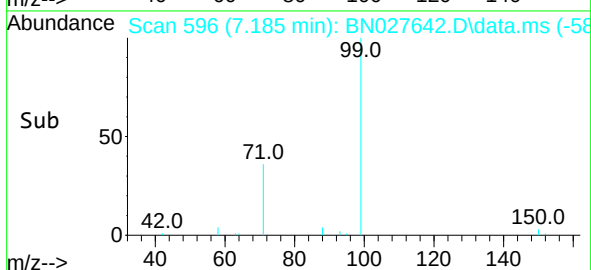
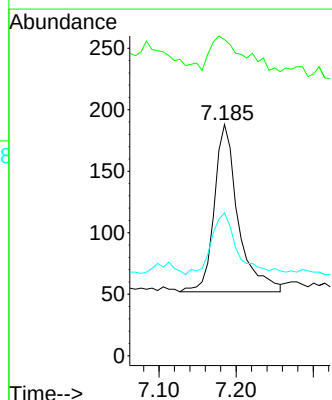
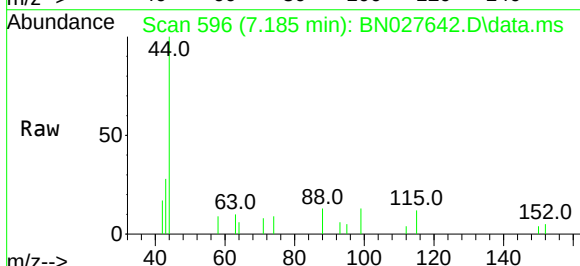
Tgt Ion: 99 Resp: 293

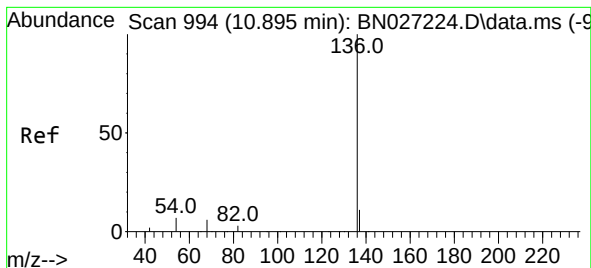
Ion Ratio Lower Upper

99 100

42 31.7 14.5 21.7#

71 40.3 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: BN027642.D

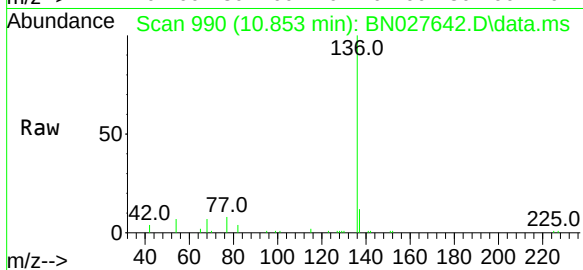
Acq: 13 Sep 2023 13:11

Instrument :

BNA_N

ClientSampleId :

OW-07B-65-083023-3VDL



Tgt Ion:136 Resp: 15898

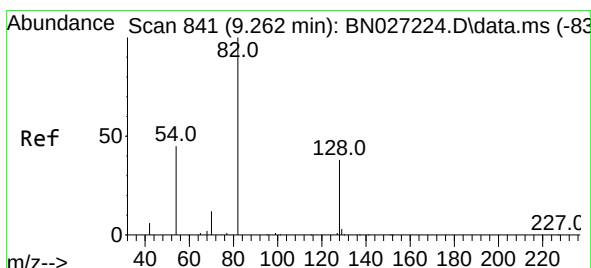
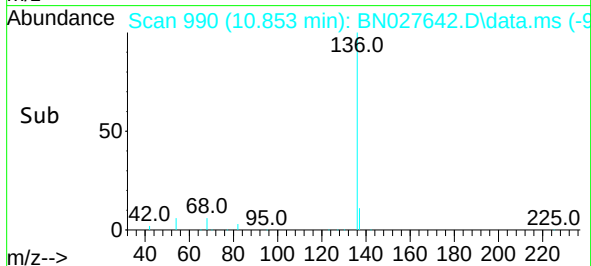
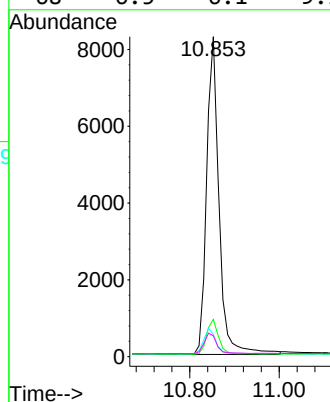
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 7.0 6.7 10.1

68 6.5 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: BN027642.D

Acq: 13 Sep 2023 13:11

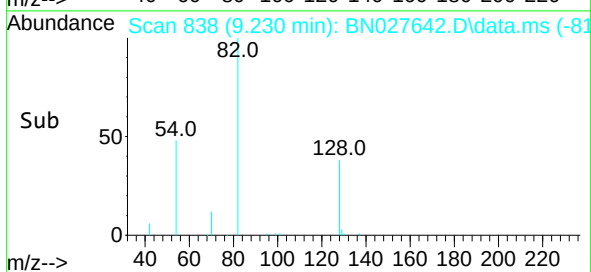
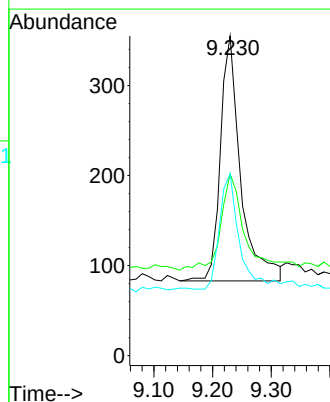
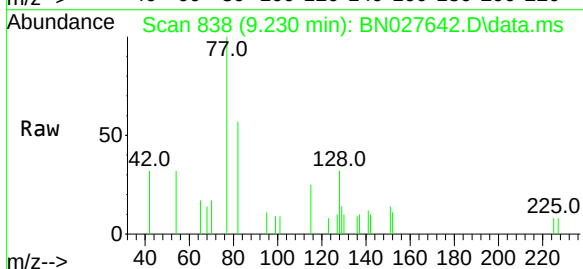
Tgt Ion: 82 Resp: 652

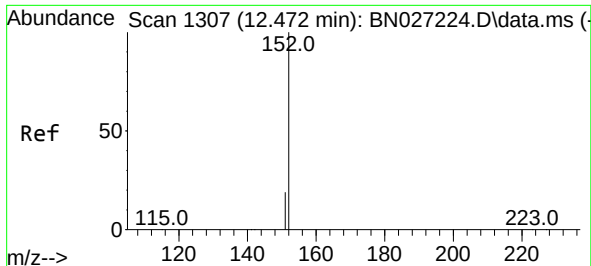
Ion Ratio Lower Upper

82 100

128 56.9 33.4 50.0#

54 56.9 37.7 56.5#

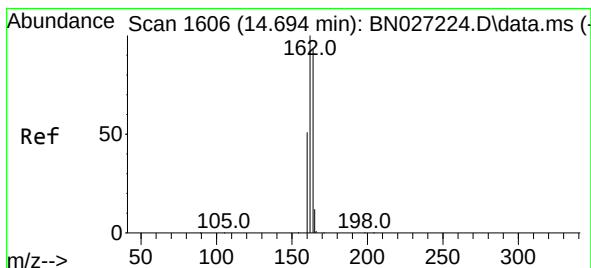
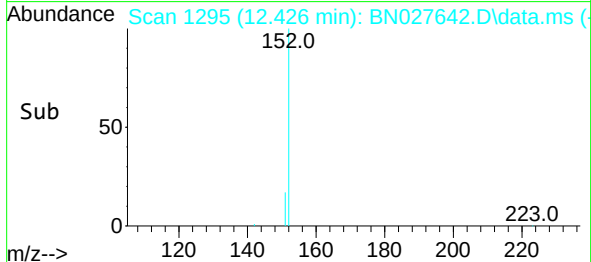
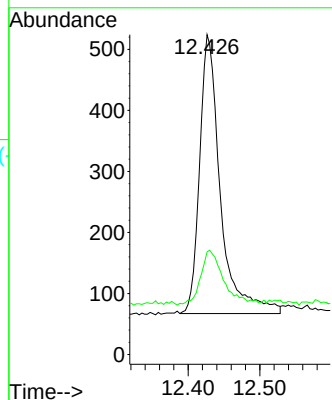
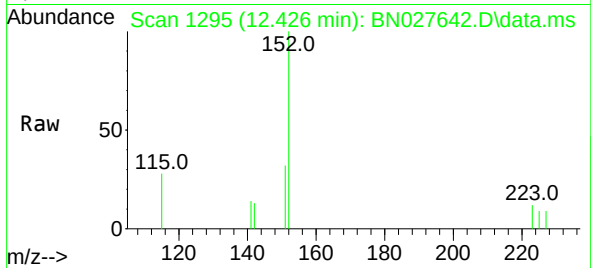




#11
2-Methylnaphthalene-d10
Concen: 0.040 ng
RT: 12.426 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027642.D
Acq: 13 Sep 2023 13:11

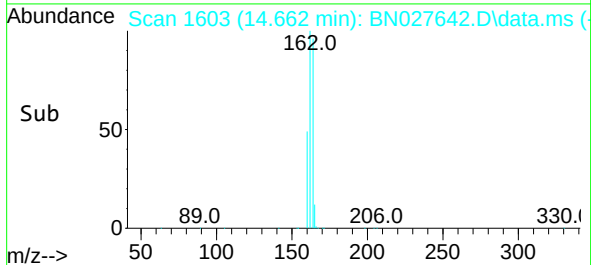
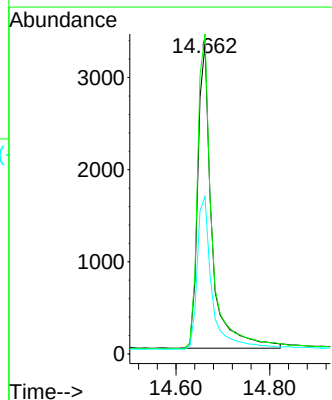
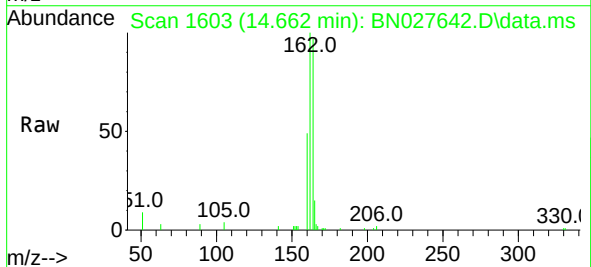
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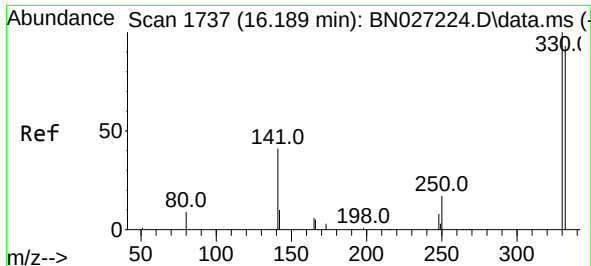
Tgt Ion:152 Resp: 923
Ion Ratio Lower Upper
152 100
151 22.0 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.662 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BN027642.D
Acq: 13 Sep 2023 13:11

Tgt Ion:164 Resp: 6946
Ion Ratio Lower Upper
164 100
162 103.4 85.8 128.8
160 50.9 44.2 66.2

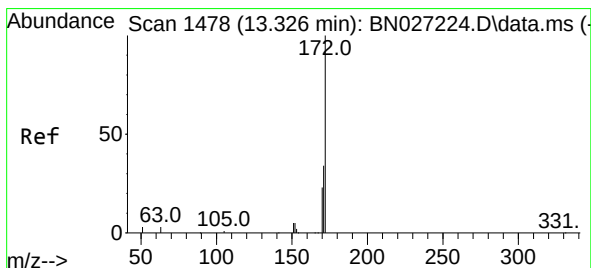
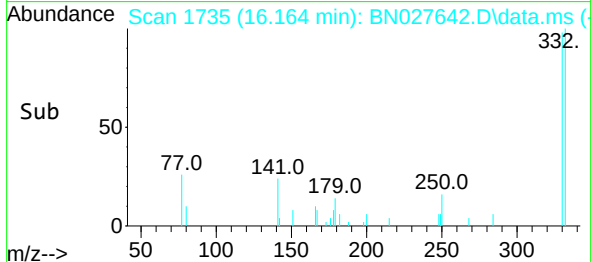
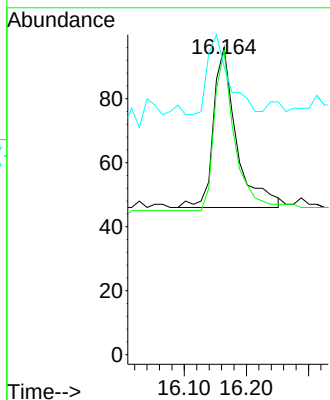
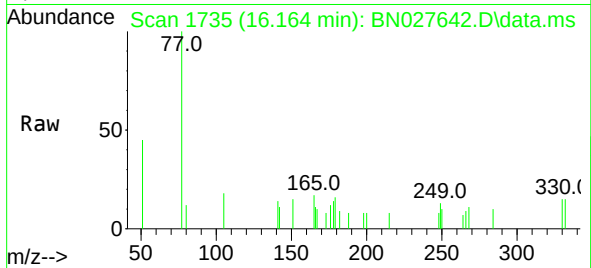




#14
2,4,6-Tribromophenol
Concen: 0.050 ng
RT: 16.164 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN027642.D
Acq: 13 Sep 2023 13:11

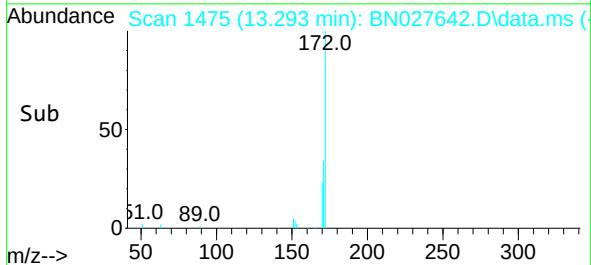
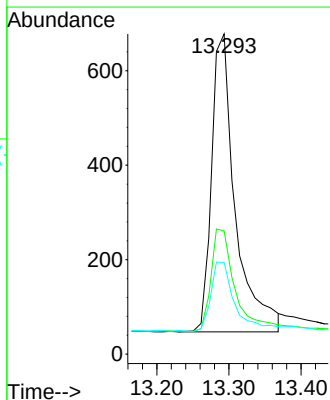
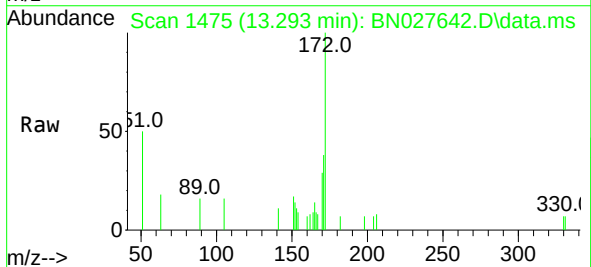
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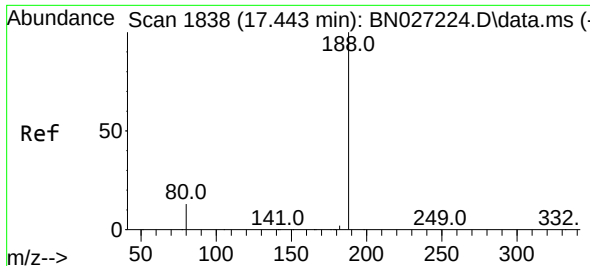
Tgt Ion:330 Resp: 129
Ion Ratio Lower Upper
330 100
332 87.6 75.2 112.8
141 46.5 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.055 ng
RT: 13.293 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN027642.D
Acq: 13 Sep 2023 13:11

Tgt Ion:172 Resp: 1443
Ion Ratio Lower Upper
172 100
171 38.5 27.8 41.8
170 28.6 19.3 28.9

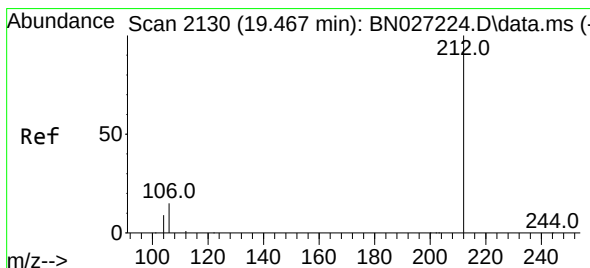
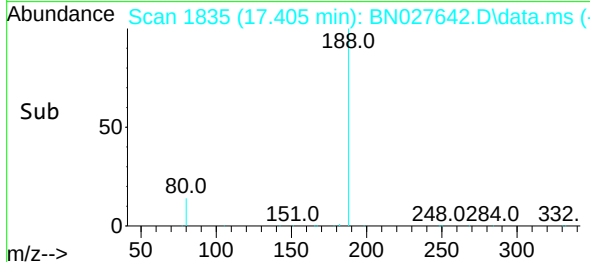
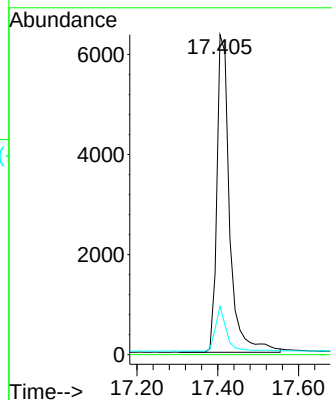
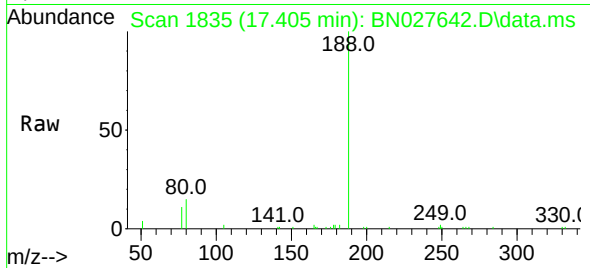




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.405 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027642.D
Acq: 13 Sep 2023 13:11

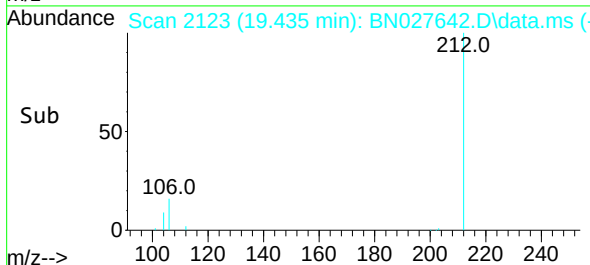
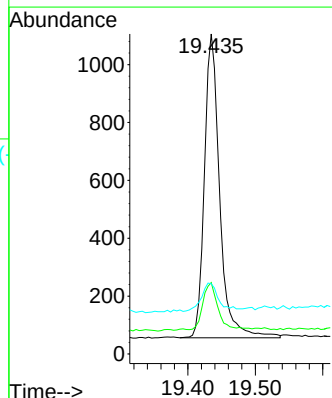
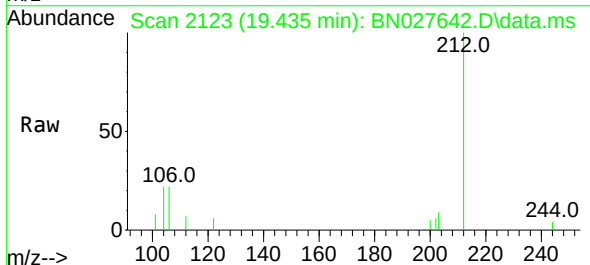
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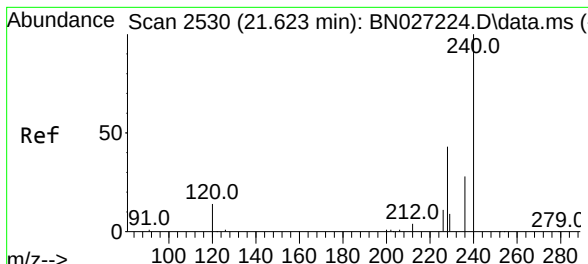
Tgt Ion:188 Resp: 13954
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 11.0 16.6



#27
Fluoranthene-d10
Concen: 0.048 ng
RT: 19.435 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN027642.D
Acq: 13 Sep 2023 13:11

Tgt Ion:212 Resp: 1649
Ion Ratio Lower Upper
212 100
106 15.5 12.1 18.1
104 10.7 6.9 10.3#

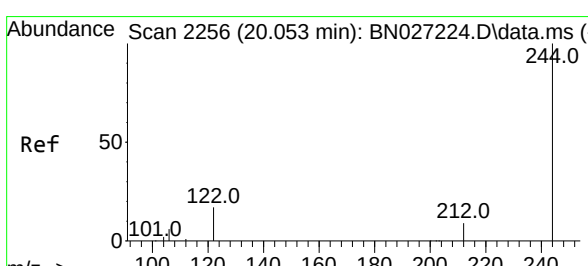
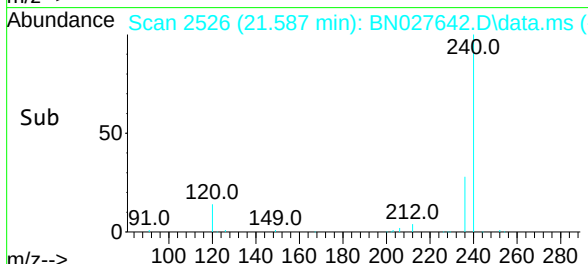
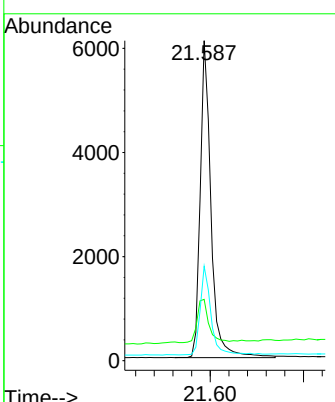
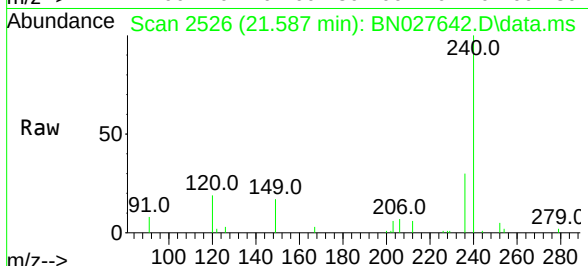




#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.587 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN027642.D
 Acq: 13 Sep 2023 13:11

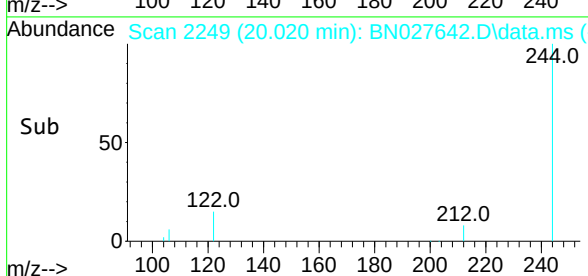
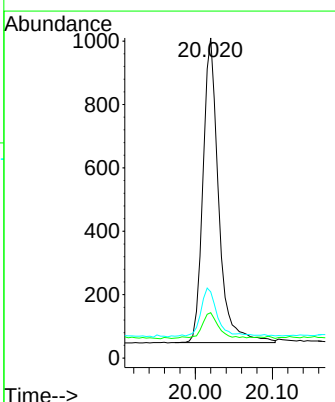
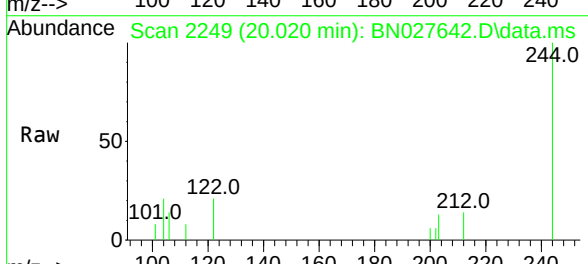
Instrument : BNA_N
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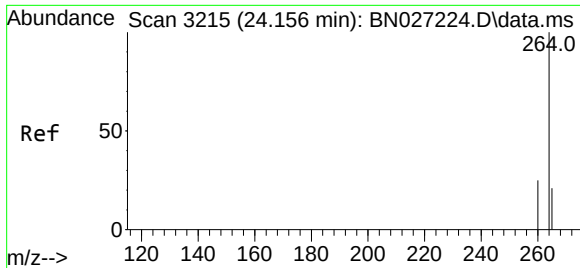
Tgt Ion:	240	Resp:	9752
Ion Ratio	Lower	Upper	
240	100		
120	19.1	14.2	21.4
236	29.5	22.9	34.3



#31
 Terphenyl-d14
 Concen: 0.069 ng
 RT: 20.020 min Scan# 2249
 Delta R.T. -0.000 min
 Lab File: BN027642.D
 Acq: 13 Sep 2023 13:11

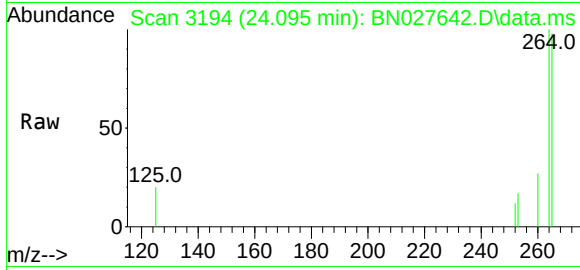
Tgt Ion:	244	Resp:	1352
Ion Ratio	Lower	Upper	
244	100		
212	14.2	7.5	11.3#
122	20.7	14.0	21.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.095 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN027642.D
 Acq: 13 Sep 2023 13:11

Instrument :
 BNA_N
 ClientSampleId :
 OW-07B-65-083023-3VDL



Tgt Ion:264 Resp: 9172
 Ion Ratio Lower Upper
 264 100
 260 27.0 20.7 31.1
 265 97.7 53.3 79.9#

