

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
 Data File : BN027598.D
 Acq On : 12 Sep 2023 06:13
 Operator : MA/JU
 Sample : 04269-02
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-14B-45.5-083123

Quant Time: Sep 12 08:12:55 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)

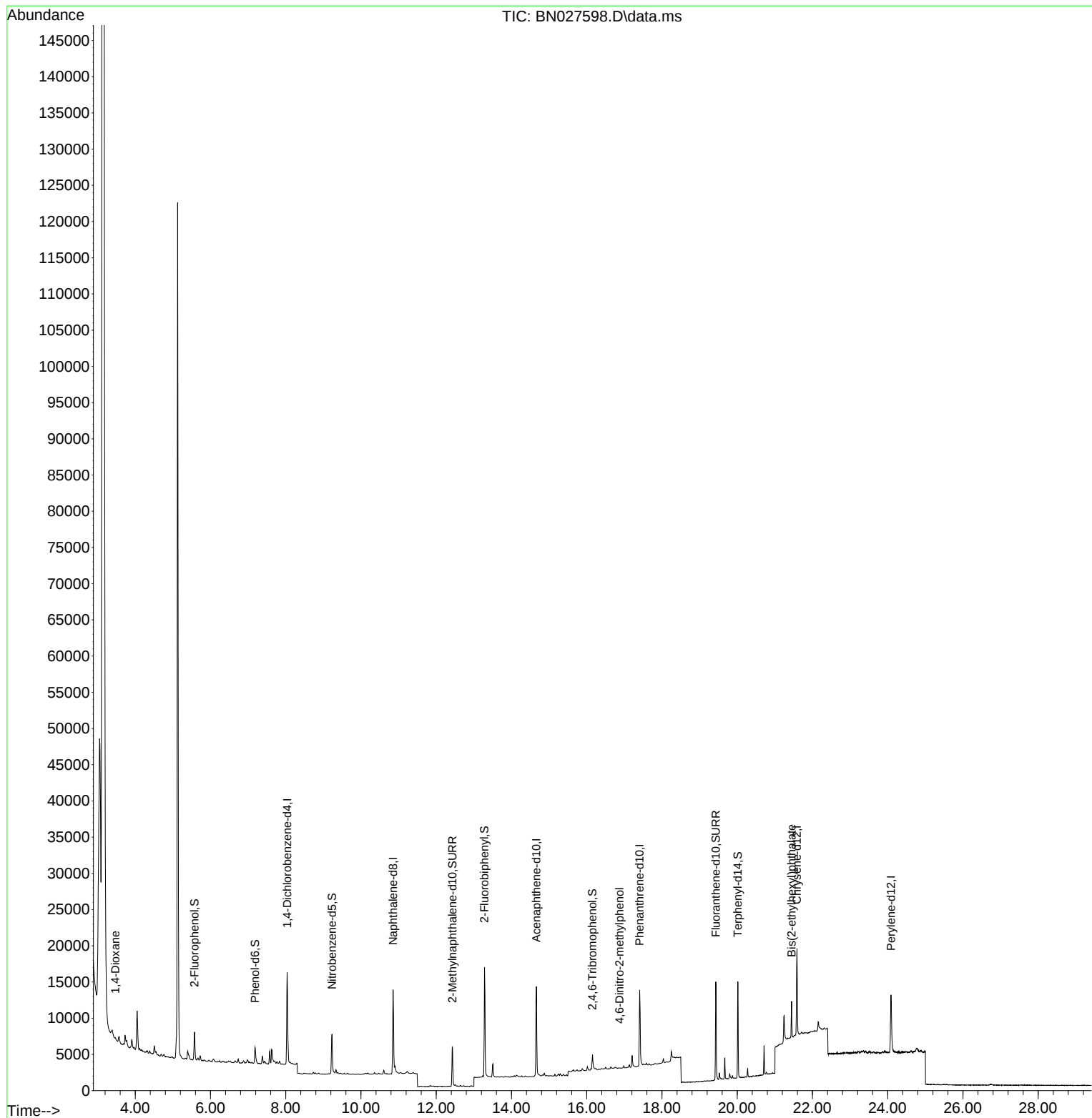
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	6233	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	16273	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	7759	0.400	ng	0.00
19) Phenanthrene-d10	17.406	188	15660	0.400	ng	0.00
29) Chrysene-d12	21.587	240	12273	0.400	ng	0.00
35) Perylene-d12	24.089	264	12097	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.574	112	3542	0.218	ng	0.00
5) Phenol-d6	7.185	99	2423	0.123	ng	0.00
8) Nitrobenzene-d5	9.230	82	5176	0.436	ng	0.00
11) 2-Methylnaphthalene-d10	12.427	152	7766	0.325	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	1354	0.471	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	13852	0.470	ng	-0.01
27) Fluoranthene-d10	19.430	212	15684	0.403	ng	0.00
31) Terphenyl-d14	20.015	244	13042	0.529	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.473	88	202	0.027	ng	# 27
20) 4,6-Dinitro-2-methylph...	16.872	198	12	0.054	ng	# 16
34) Bis(2-ethylhexyl)phtha...	21.444	149	4157	0.205	ng	100

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

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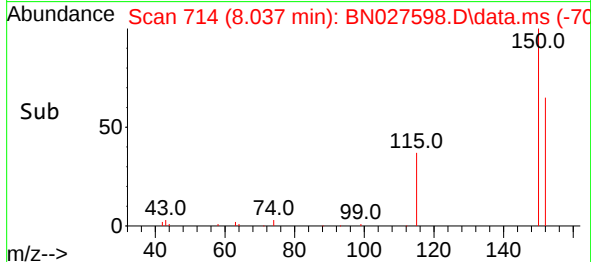
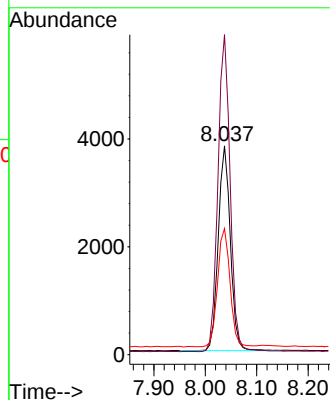
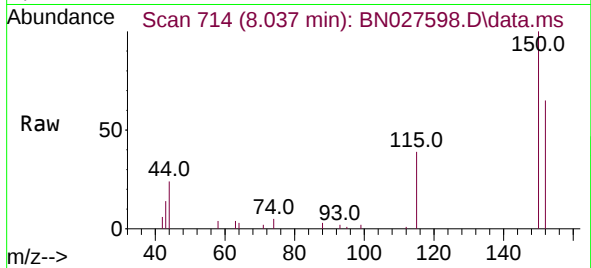




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.037 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN027598.D
 Acq: 12 Sep 2023 06:13

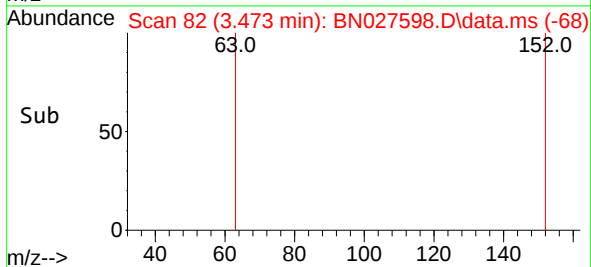
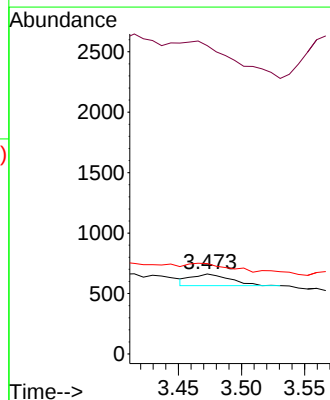
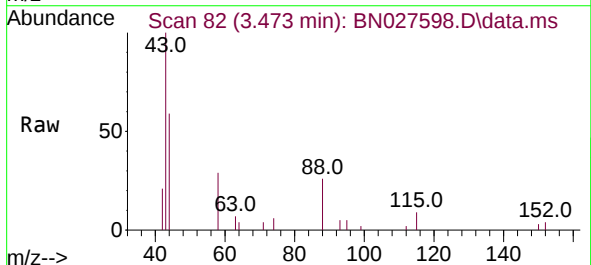
Instrument :
 BNA_N
 ClientSampleId :
 MW-14B-45.5-083123

Tgt Ion:152 Resp: 6233
 Ion Ratio Lower Upper
 152 100
 150 153.3 122.7 184.1
 115 60.4 48.6 73.0



#2
 1,4-Dioxane
 Concen: 0.027 ng
 RT: 3.473 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: BN027598.D
 Acq: 12 Sep 2023 06:13

Tgt Ion: 88 Resp: 202
 Ion Ratio Lower Upper
 88 100
 43 0.0 19.1 28.7#
 58 0.0 52.2 78.2#

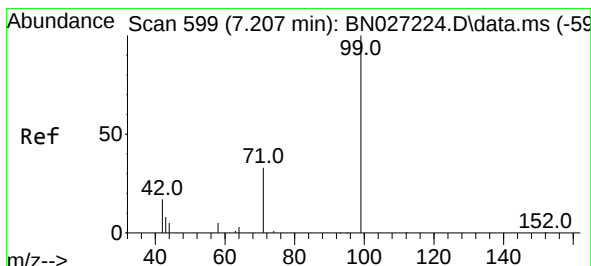
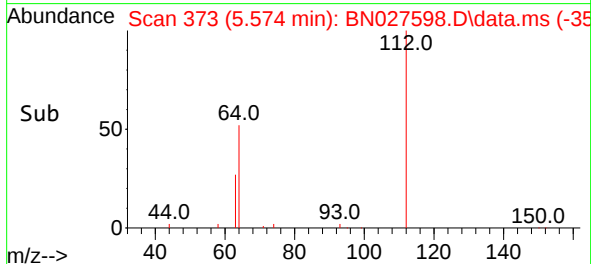
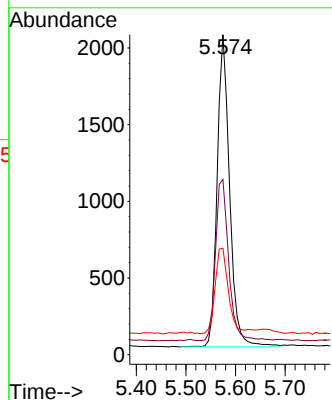
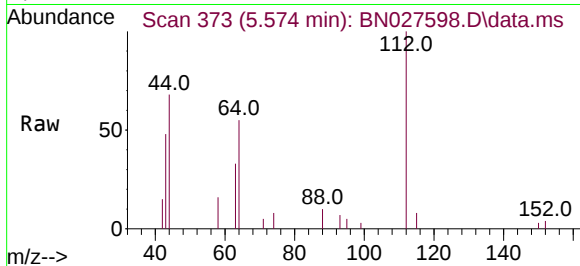




#4
2-Fluorophenol
Concen: 0.218 ng
RT: 5.574 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027598.D
Acq: 12 Sep 2023 06:13

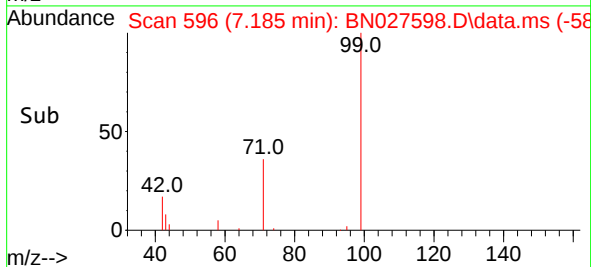
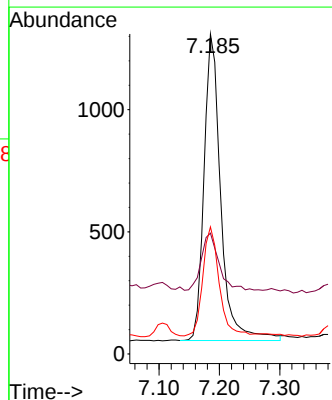
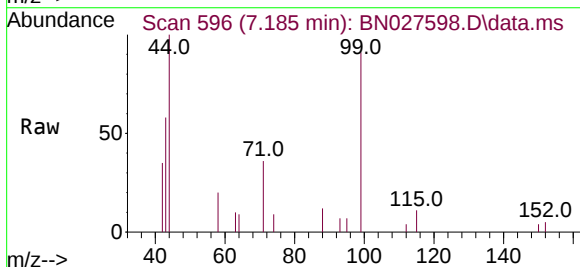
Instrument :
BNA_N
ClientSampleId :
MW-14B-45.5-083123

Tgt Ion:112 Resp: 3542
Ion Ratio Lower Upper
112 100
64 54.5 44.4 66.6
63 29.1 23.1 34.7



#5
Phenol-d6
Concen: 0.123 ng
RT: 7.185 min Scan# 596
Delta R.T. 0.000 min
Lab File: BN027598.D
Acq: 12 Sep 2023 06:13

Tgt Ion: 99 Resp: 2423
Ion Ratio Lower Upper
99 100
42 19.7 14.5 21.7
71 34.7 25.8 38.6

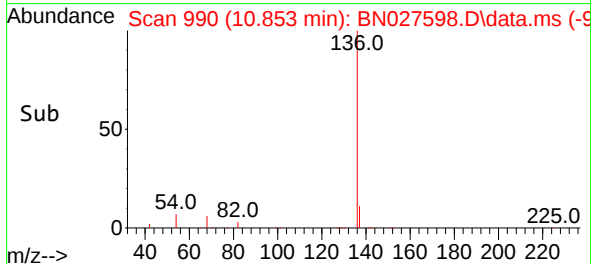
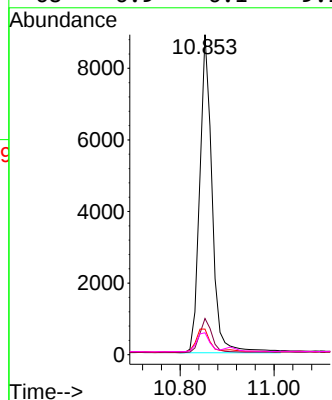
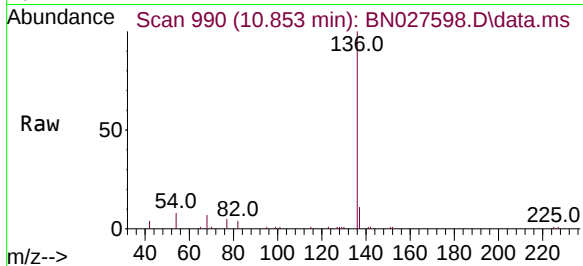




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 994
Delta R.T. 0.000 min
Lab File: BN027598.D
Acq: 12 Sep 2023 06:13

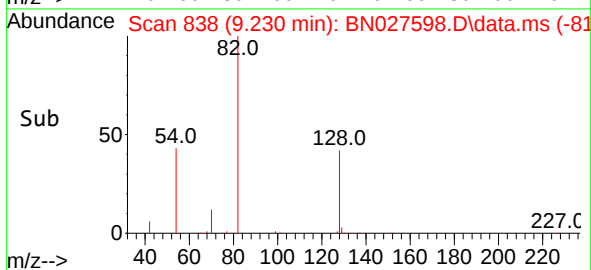
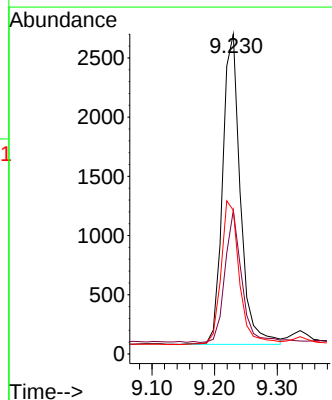
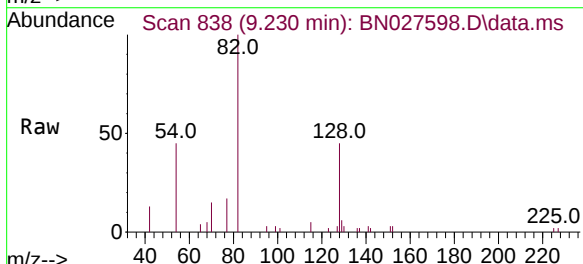
Instrument :
BNA_N
ClientSampleId :
MW-14B-45.5-083123

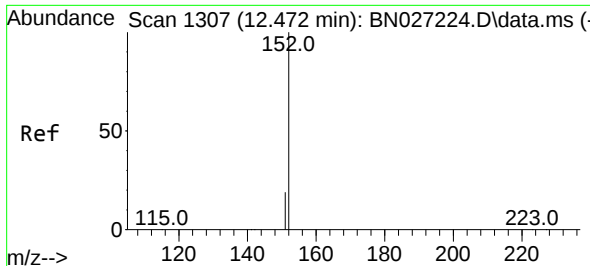
Tgt Ion:	136	Resp:	16273
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	8.0	6.7	10.1
68	6.9	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.436 ng
RT: 9.230 min Scan# 838
Delta R.T. 0.000 min
Lab File: BN027598.D
Acq: 12 Sep 2023 06:13

Tgt Ion:	82	Resp:	5176
Ion	Ratio	Lower	Upper
82	100		
128	44.9	33.4	50.0
54	44.9	37.7	56.5

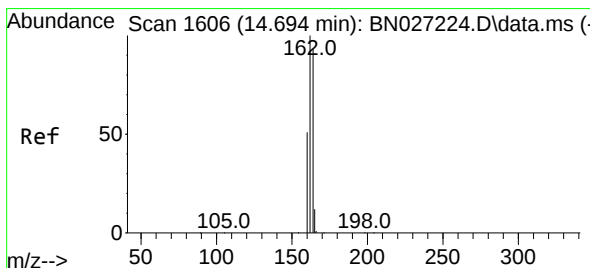
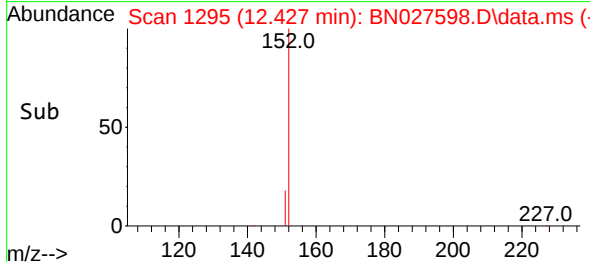
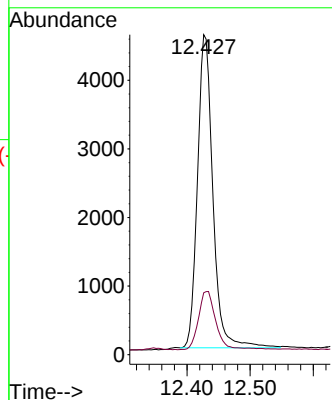
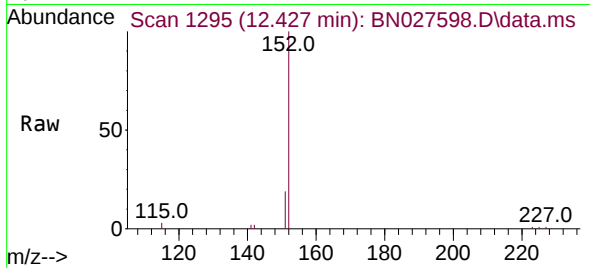




#11
2-Methylnaphthalene-d10
Concen: 0.325 ng
RT: 12.427 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027598.D
Acq: 12 Sep 2023 06:13

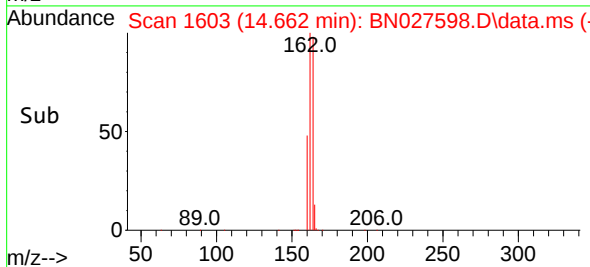
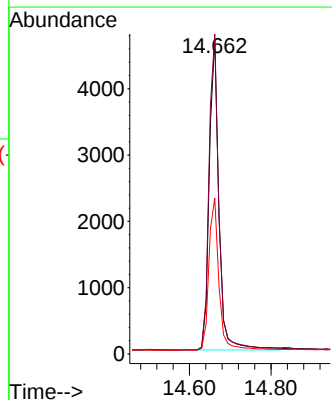
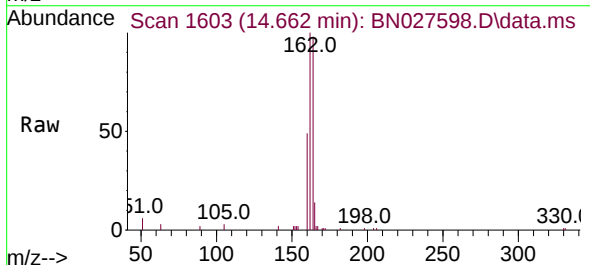
Instrument :
BNA_N
ClientSampleId :
MW-14B-45.5-083123

Tgt Ion:152 Resp: 7766
Ion Ratio Lower Upper
152 100
151 21.2 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: BN027598.D
Acq: 12 Sep 2023 06:13

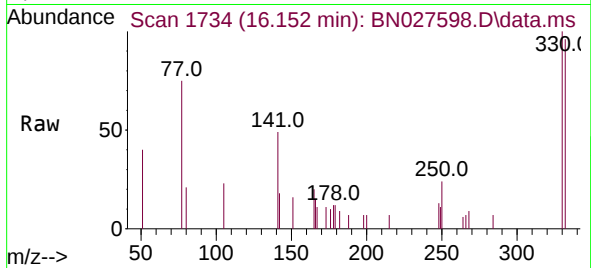
Tgt Ion:164 Resp: 7759
Ion Ratio Lower Upper
164 100
162 101.7 85.8 128.8
160 49.6 44.2 66.2



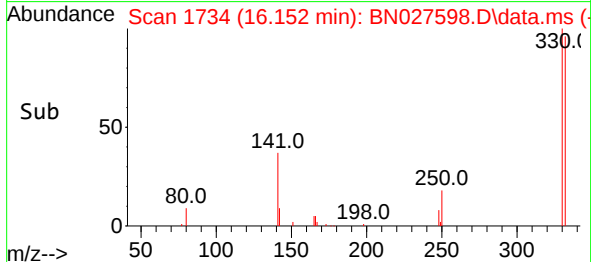
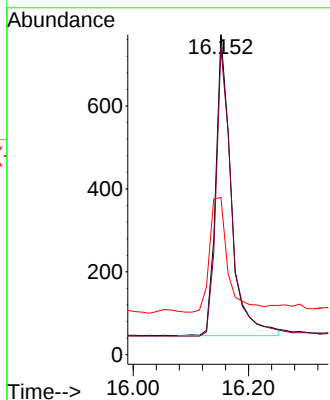


#14
2,4,6-Tribromophenol
Concen: 0.471 ng
RT: 16.152 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027598.D
Acq: 12 Sep 2023 06:13

Instrument :
BNA_N
ClientSampleId :
MW-14B-45.5-083123

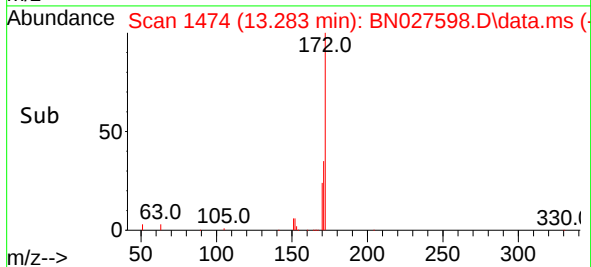
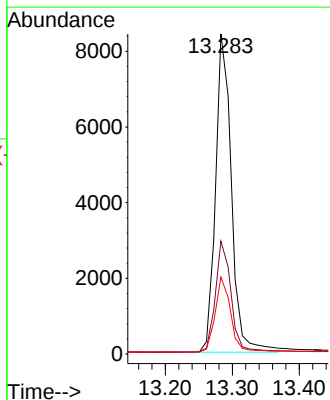
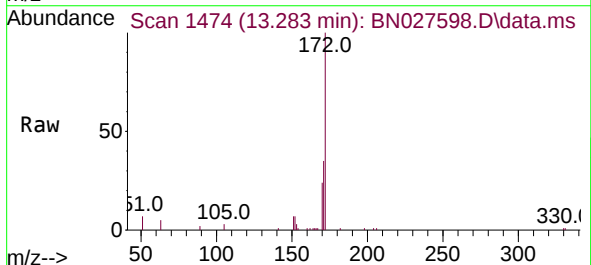


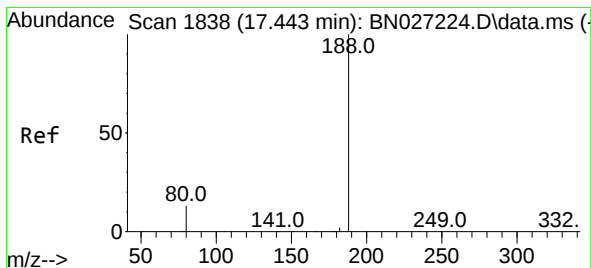
Tgt Ion:330 Resp: 1354
Ion Ratio Lower Upper
330 100
332 96.9 75.2 112.8
141 45.0 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.470 ng
RT: 13.283 min Scan# 1474
Delta R.T. -0.011 min
Lab File: BN027598.D
Acq: 12 Sep 2023 06:13

Tgt Ion:172 Resp: 13852
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 24.0 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: BN027598.D

Acq: 12 Sep 2023 06:13

Instrument :

BNA_N

ClientSampleId :

MW-14B-45.5-083123

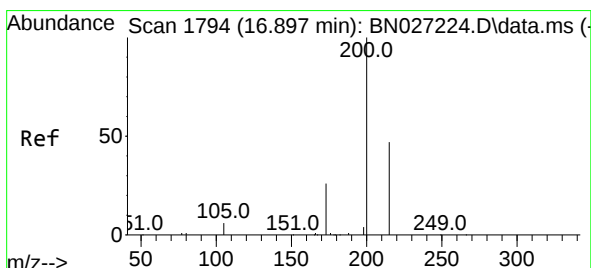
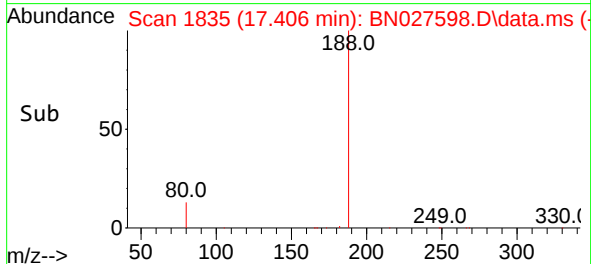
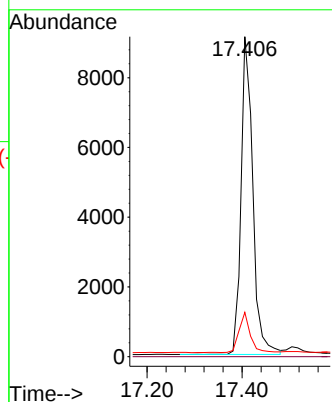
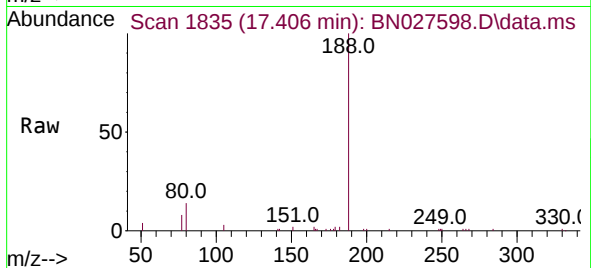
Tgt Ion:188 Resp: 15660

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.9 11.0 16.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.054 ng

RT: 16.872 min Scan# 1792

Delta R.T. 0.013 min

Lab File: BN027598.D

Acq: 12 Sep 2023 06:13

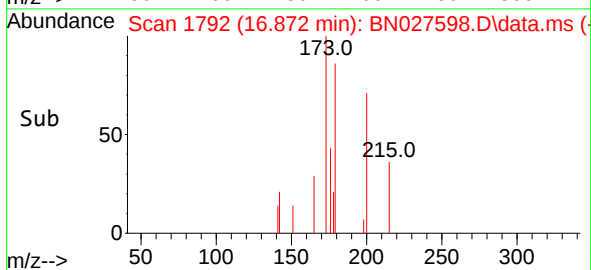
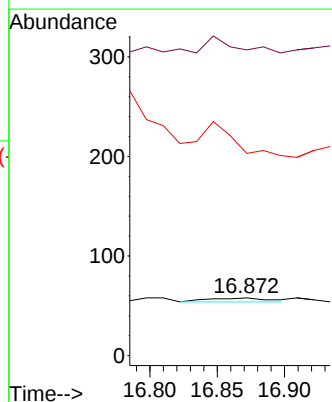
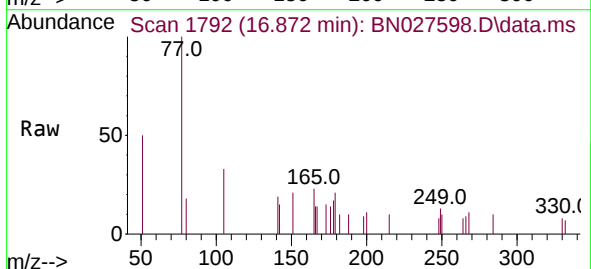
Tgt Ion:198 Resp: 12

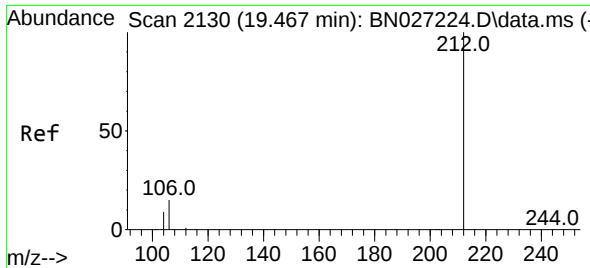
Ion Ratio Lower Upper

198 100

51 529.3 282.2 423.2#

105 350.0 168.7 253.1#

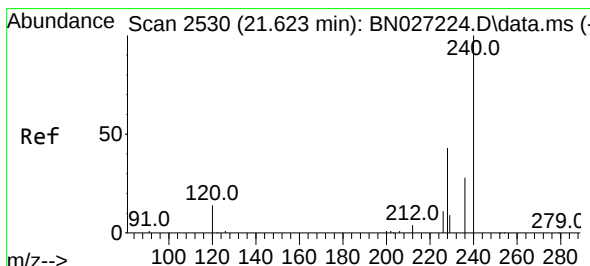
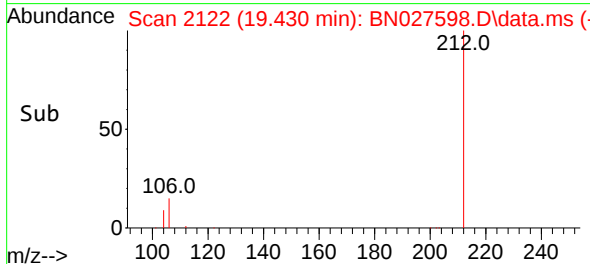
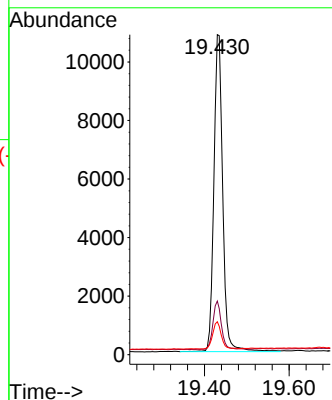
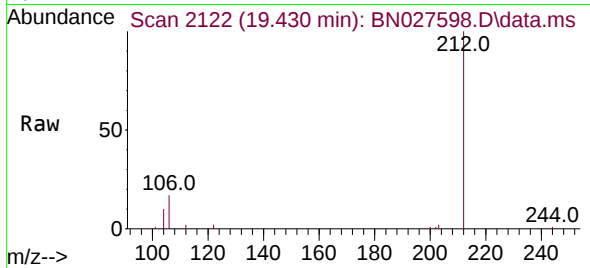




#27
Fluoranthene-d10
Concen: 0.403 ng
RT: 19.430 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BN027598.D
Acq: 12 Sep 2023 06:13

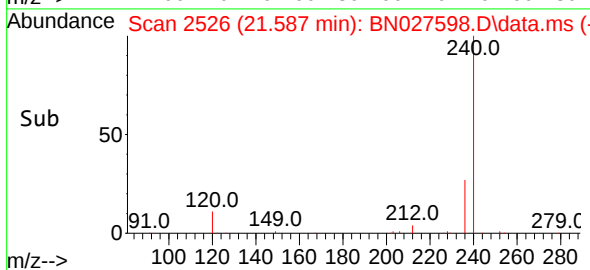
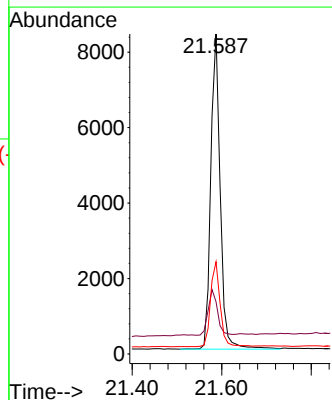
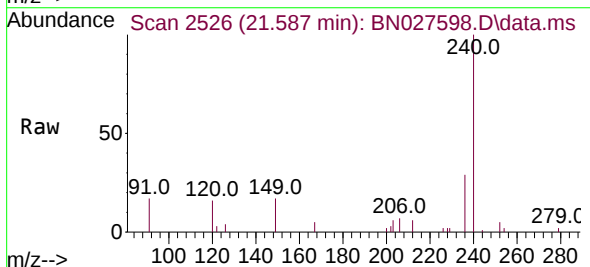
Instrument :
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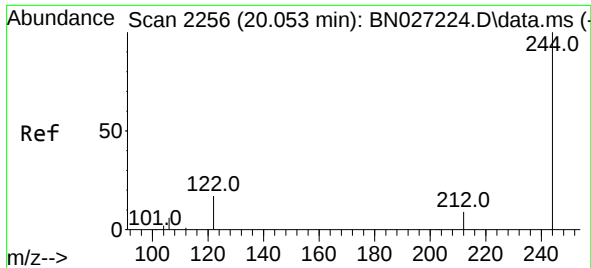
Tgt Ion:212 Resp: 15684
Ion Ratio Lower Upper
212 100
106 14.4 12.1 18.1
104 8.3 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2526
Delta R.T. 0.000 min
Lab File: BN027598.D
Acq: 12 Sep 2023 06:13

Tgt Ion:240 Resp: 12273
Ion Ratio Lower Upper
240 100
120 16.3 14.2 21.4
236 28.8 22.9 34.3

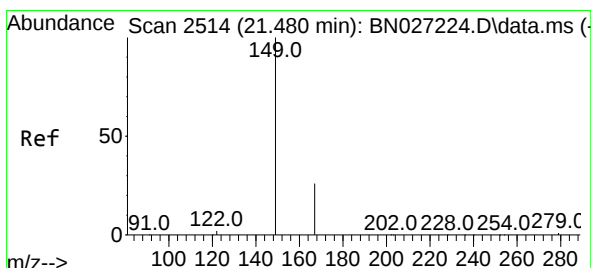
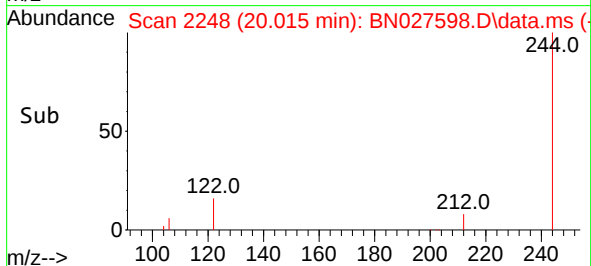
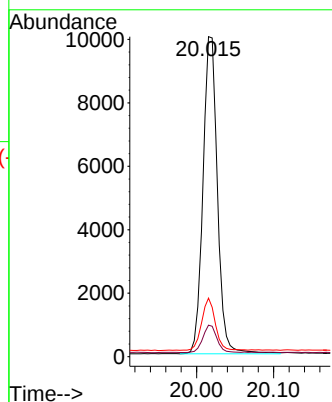
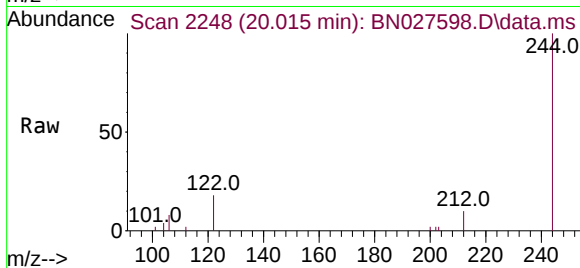




#31
 Terphenyl-d14
 Concen: 0.529 ng
 RT: 20.015 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN027598.D
 Acq: 12 Sep 2023 06:13

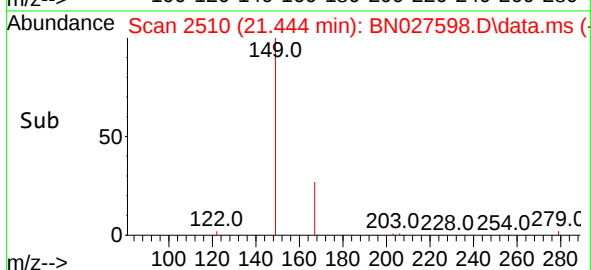
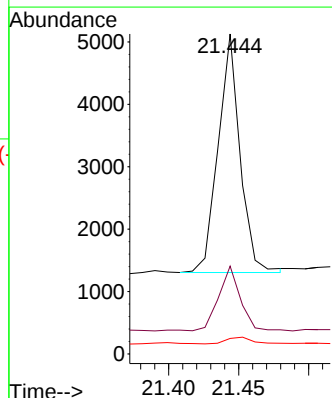
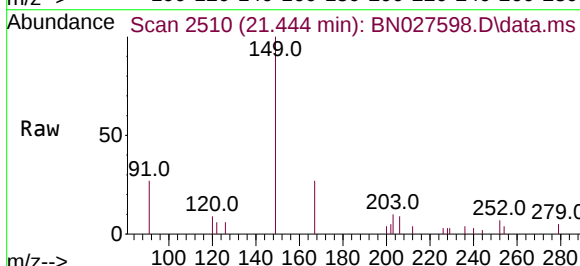
Instrument :
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 ClientSampleId :
 MW-14B-45.5-083123

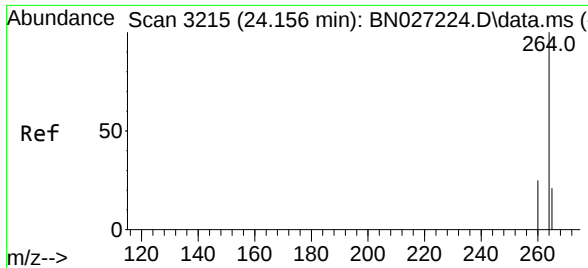
Tgt Ion:	244	Resp:	13042
Ion Ratio	Lower	Upper	
244	100		
212	9.9	7.5	11.3
122	18.3	14.0	21.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.205 ng
 RT: 21.444 min Scan# 2510
 Delta R.T. 0.000 min
 Lab File: BN027598.D
 Acq: 12 Sep 2023 06:13

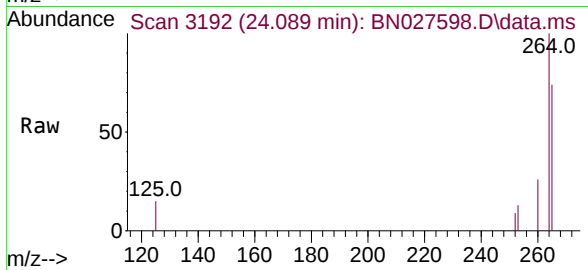
Tgt Ion:	149	Resp:	4157
Ion Ratio	Lower	Upper	
149	100		
167	27.4	22.1	33.1
279	3.5	2.7	4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.089 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN027598.D
 Acq: 12 Sep 2023 06:13

Instrument :
 BNA_N
 ClientSampleId :
 MW-14B-45.5-083123



Tgt Ion:264 Resp: 12097

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.7	31.1
265	74.1	53.3	79.9

