

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102623\
 Data File : BN028403.D
 Acq On : 26 Oct 2023 17:52
 Operator : MA/JU
 Sample : 05040-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB-3

Quant Time: Oct 26 18:34:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:14:08 2023
 Response via : Initial Calibration

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

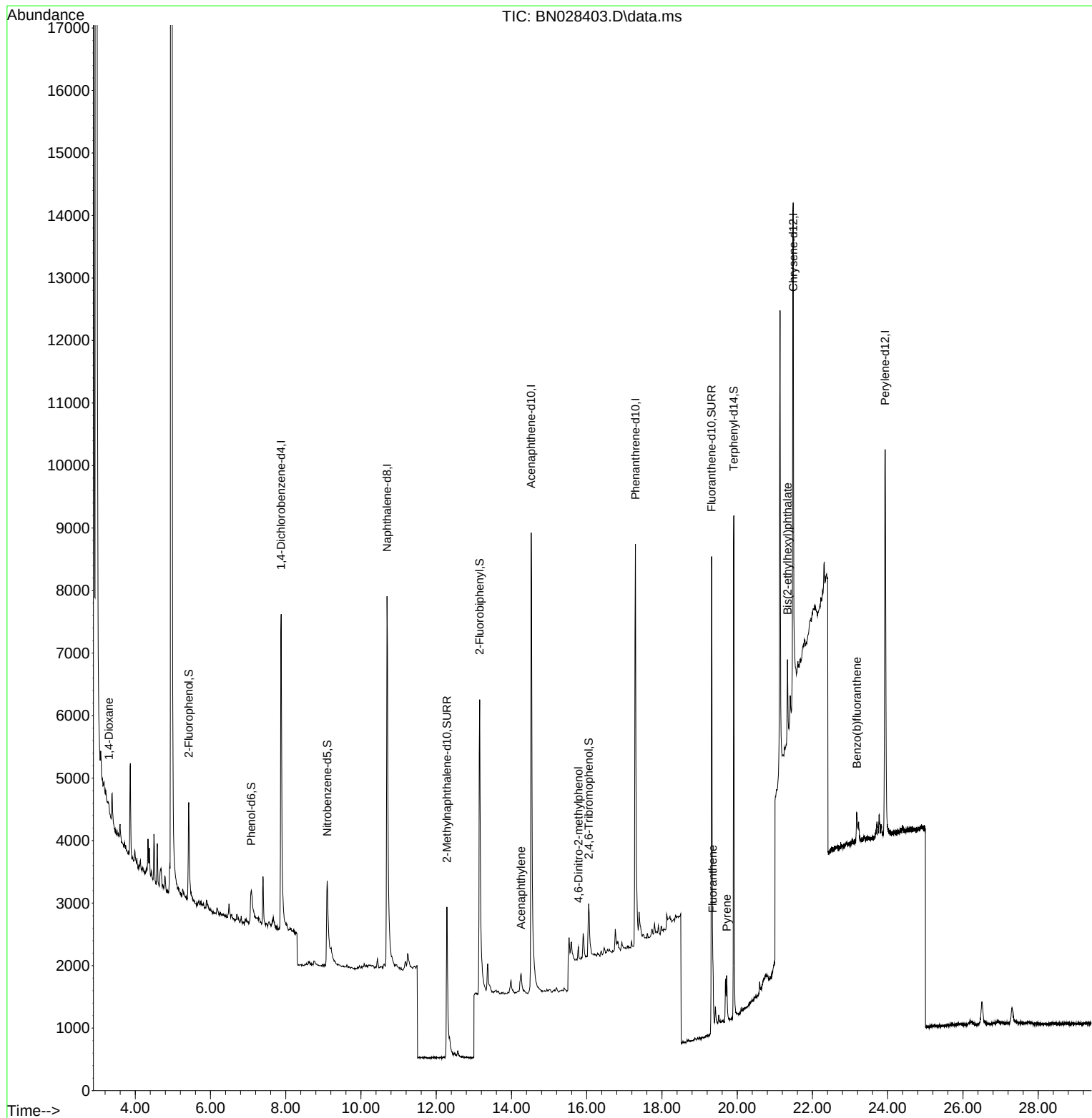
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	3330	0.400	ng	0.00
7) Naphthalene-d8	10.693	136	11838	0.400	ng	#-0.01
13) Acenaphthene-d10	14.523	164	6586	0.400	ng	-0.01
19) Phenanthrene-d10	17.294	188	11561	0.400	ng	# 0.00
29) Chrysene-d12	21.489	240	8804	0.400	ng	0.00
35) Perylene-d12	23.931	264	9809	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	1848	0.179	ng	0.00
5) Phenol-d6	7.084	99	1313	0.103	ng	0.03
8) Nitrobenzene-d5	9.102	82	2595	0.247	ng	0.00
11) 2-Methylnaphthalene-d10	12.283	152	5611	0.315	ng	-0.01
14) 2,4,6-Tribromophenol	16.053	330	570	0.177	ng	-0.01
15) 2-Fluorobiphenyl	13.155	172	6601	0.285	ng	-0.01
27) Fluoranthene-d10	19.319	212	9843	0.318	ng	0.00
31) Terphenyl-d14	19.909	244	8696	0.465	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	99	0.025	ng	# 71
16) Acenaphthylene	14.256	152	611	0.021	ng	97
20) 4,6-Dinitro-2-methylph...	15.780	198	5	0.186	ng	# 1
28) Fluoranthene	19.351	202	900	0.023	ng	# 90
30) Pyrene	19.718	202	836	0.028	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.336	149	1087	0.045	ng	99
37) Benzo(b)fluoranthene	23.180	252	878	0.029	ng	# 1

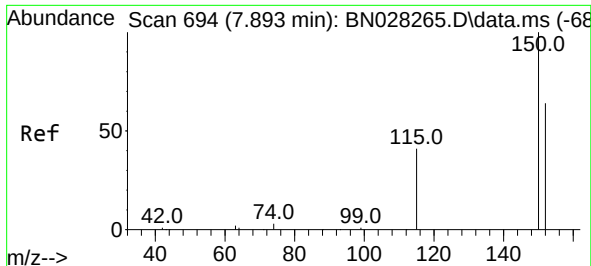
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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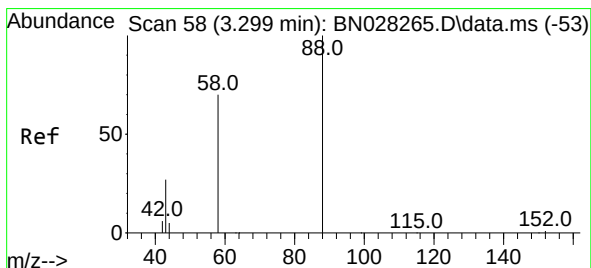
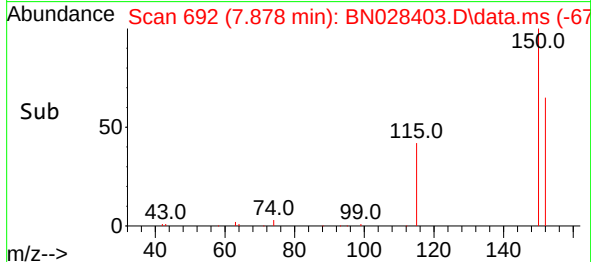
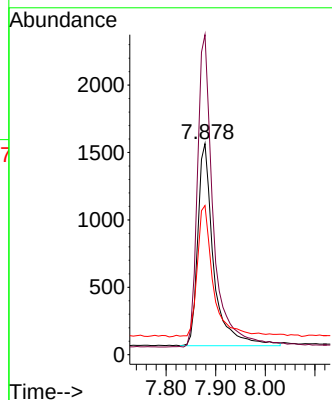
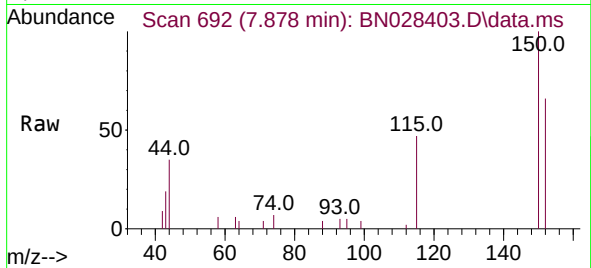




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.878 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN028403.D
 Acq: 26 Oct 2023 17:52

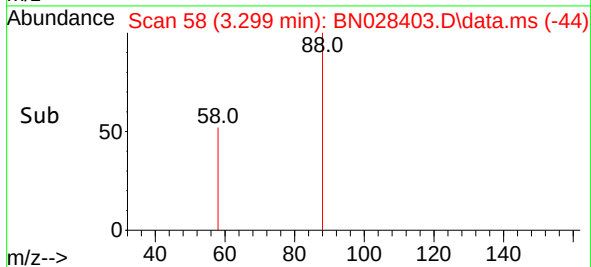
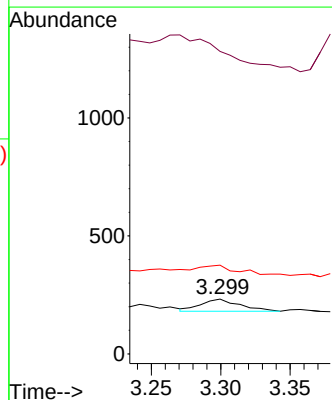
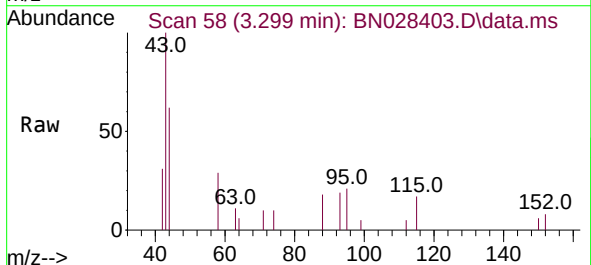
Instrument :
 BNA_N
 ClientSampleId :
 FB-3

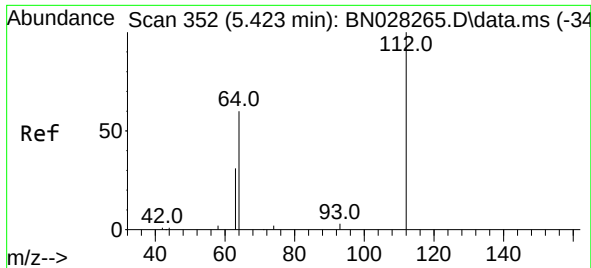
Tgt Ion:152 Resp: 3330
 Ion Ratio Lower Upper
 152 100
 150 151.6 121.6 182.4
 115 70.7 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.025 ng
 RT: 3.299 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: BN028403.D
 Acq: 26 Oct 2023 17:52

Tgt Ion: 88 Resp: 99
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.6 39.8#
 58 81.8 55.4 83.0

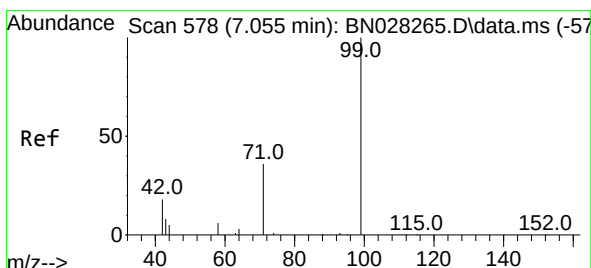
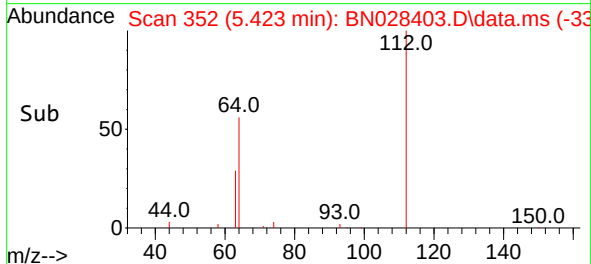
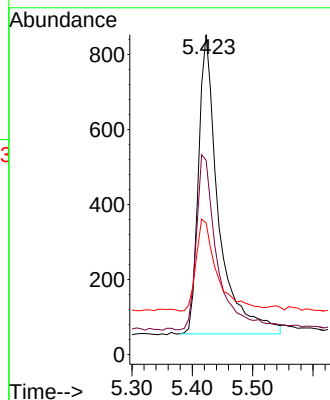
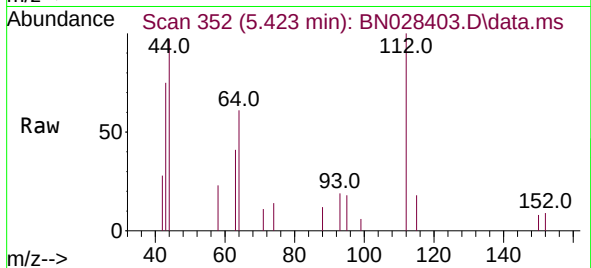




#4
2-Fluorophenol
Concen: 0.179 ng
RT: 5.423 min Scan# 311
Delta R.T. -0.007 min
Lab File: BN028403.D
Acq: 26 Oct 2023 17:52

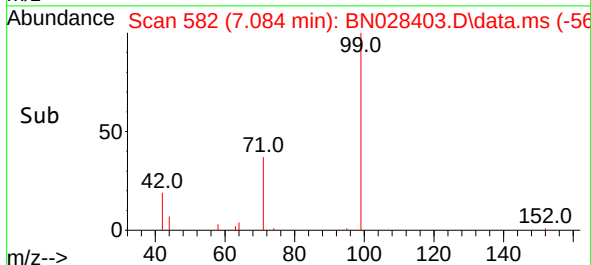
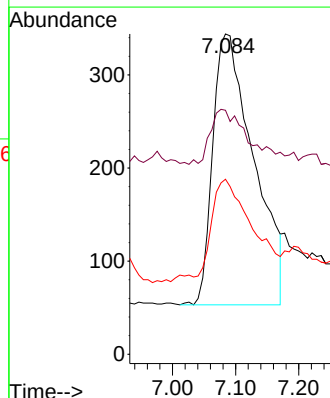
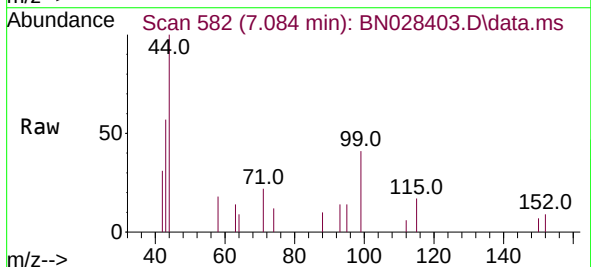
Instrument :
BNA_N
ClientSampleId :
FB-3

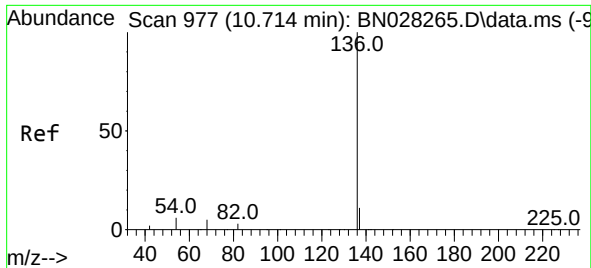
Tgt Ion:	112	Resp:	1848
Ion	Ratio	Lower	Upper
112	100		
64	61.1	46.9	70.3
63	31.7	25.0	37.4



#5
Phenol-d6
Concen: 0.103 ng
RT: 7.084 min Scan# 582
Delta R.T. 0.029 min
Lab File: BN028403.D
Acq: 26 Oct 2023 17:52

Tgt Ion:	99	Resp:	1313
Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.9	23.9
71	34.7	28.6	42.8

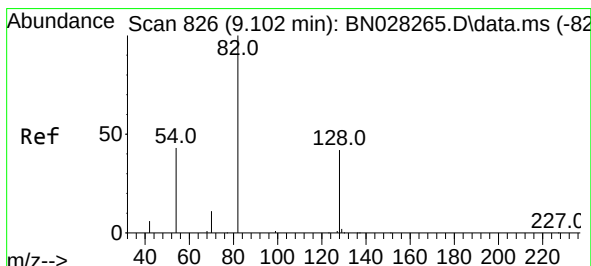
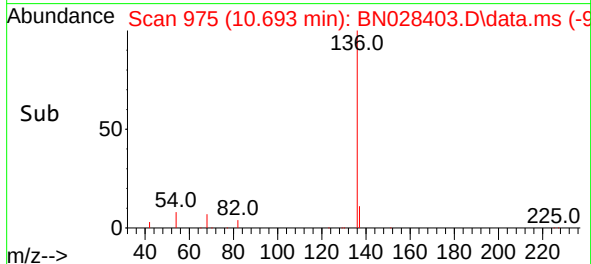
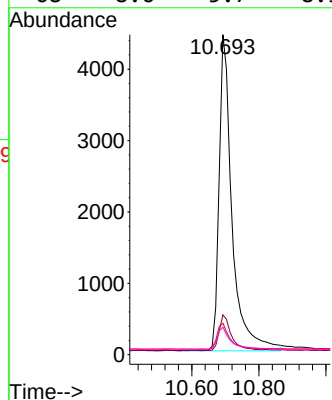
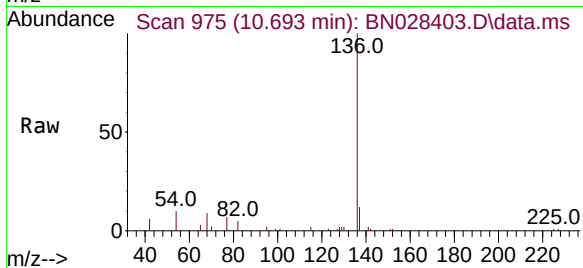




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.693 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN028403.D
Acq: 26 Oct 2023 17:52

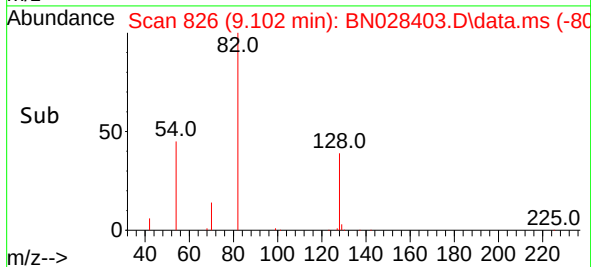
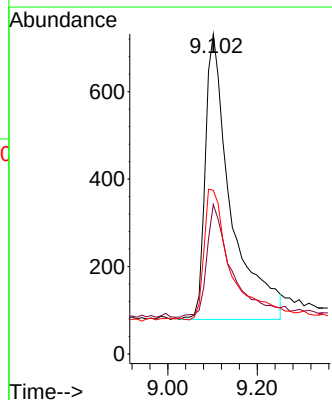
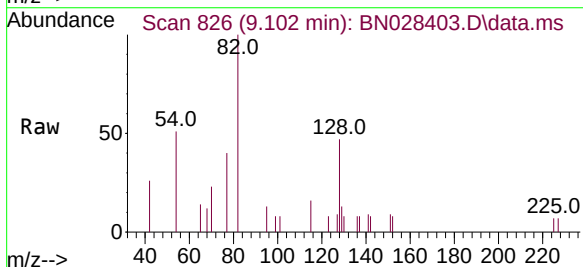
Instrument :
BNA_N
ClientSampleId :
FB-3

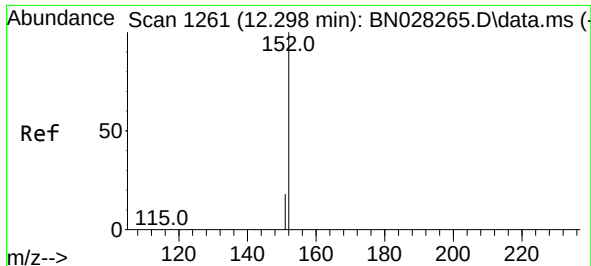
Tgt Ion:136 Resp: 11838
Ion Ratio Lower Upper
136 100
137 12.4 9.8 14.8
54 9.9 6.2 9.4#
68 8.6 5.7 8.5#



#8
Nitrobenzene-d5
Concen: 0.247 ng
RT: 9.102 min Scan# 826
Delta R.T. 0.000 min
Lab File: BN028403.D
Acq: 26 Oct 2023 17:52

Tgt Ion: 82 Resp: 2595
Ion Ratio Lower Upper
82 100
128 46.7 36.8 55.2
54 51.1 37.4 56.2

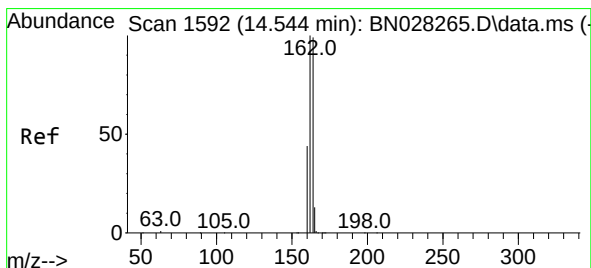
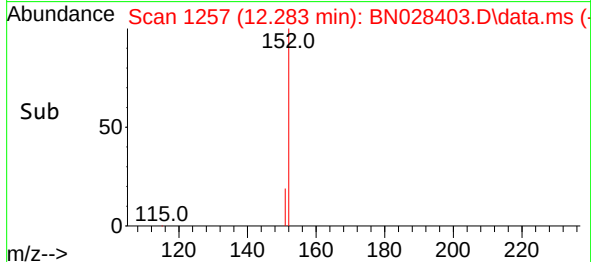
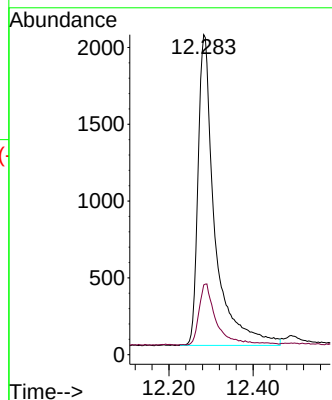
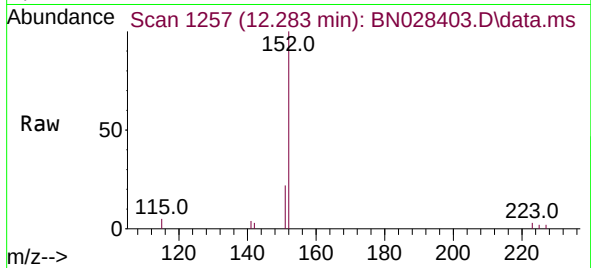




#11
2-Methylnaphthalene-d10
Concen: 0.315 ng
RT: 12.283 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN028403.D
Acq: 26 Oct 2023 17:52

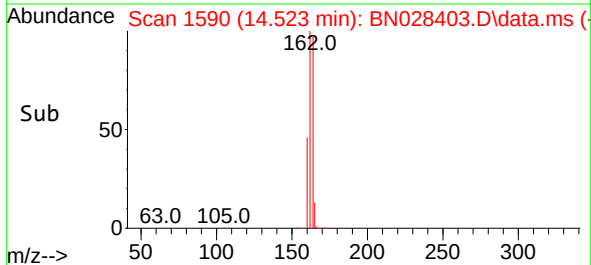
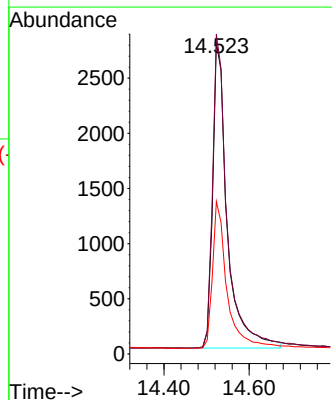
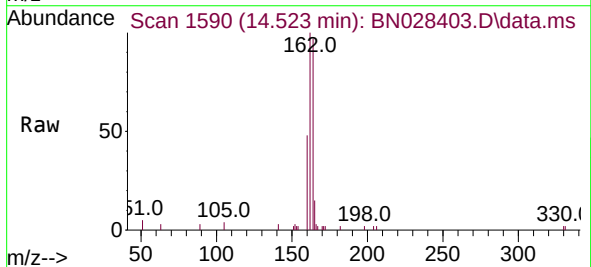
Instrument :
BNA_N
ClientSampleId :
FB-3

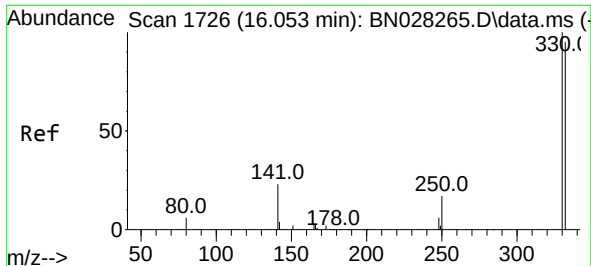
Tgt Ion:152 Resp: 5611
Ion Ratio Lower Upper
152 100
151 19.2 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.523 min Scan# 1590
Delta R.T. -0.011 min
Lab File: BN028403.D
Acq: 26 Oct 2023 17:52

Tgt Ion:164 Resp: 6586
Ion Ratio Lower Upper
164 100
162 102.8 81.1 121.7
160 49.0 36.6 54.8

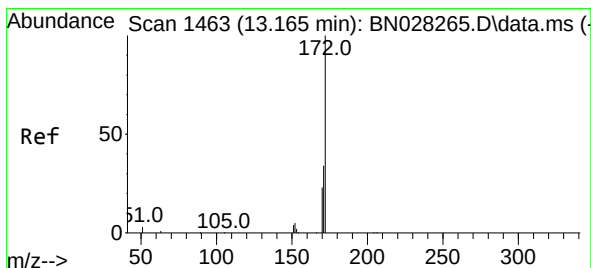
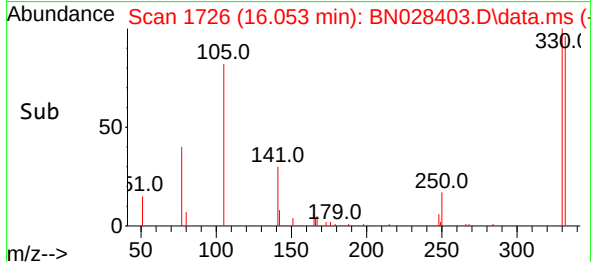
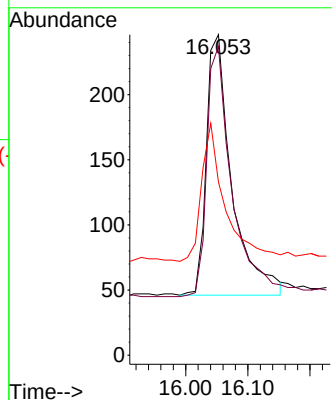
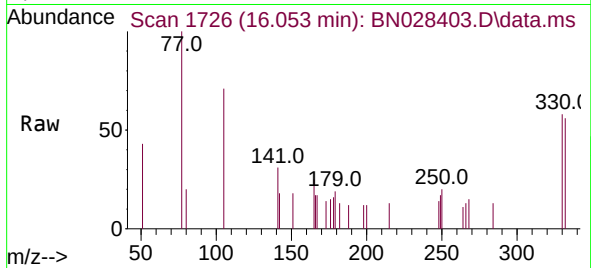




#14
2,4,6-Tribromophenol
Concen: 0.177 ng
RT: 16.053 min Scan# 1726
Delta R.T. -0.012 min
Lab File: BN028403.D
Acq: 26 Oct 2023 17:52

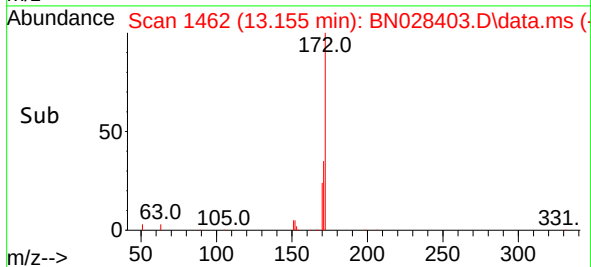
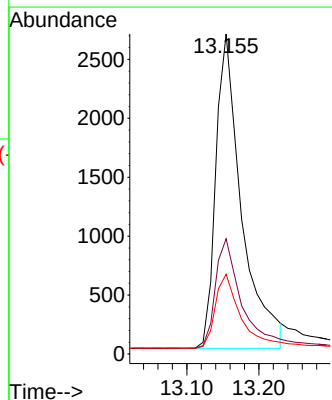
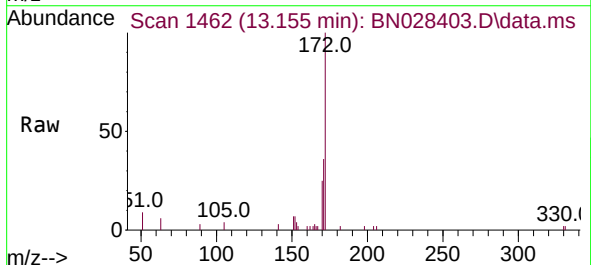
Instrument :
BNA_N
ClientSampleId :
FB-3

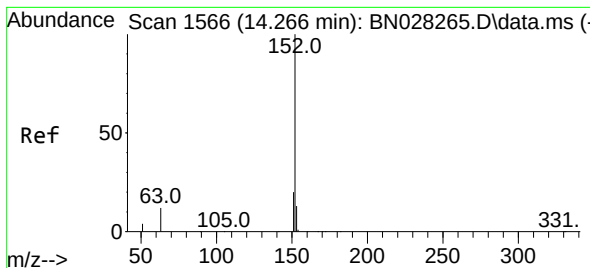
Tgt Ion:330 Resp: 570
Ion Ratio Lower Upper
330 100
332 94.9 74.1 111.1
141 49.5 32.1 48.1#



#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 13.155 min Scan# 1462
Delta R.T. -0.011 min
Lab File: BN028403.D
Acq: 26 Oct 2023 17:52

Tgt Ion:172 Resp: 6601
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 25.0 18.7 28.1





#16

Acenaphthylene

Concen: 0.021 ng

RT: 14.256 min Scan# 1566

Delta R.T. 0.000 min

Lab File: BN028403.D

Acq: 26 Oct 2023 17:52

Instrument :

BNA_N

ClientSampleId :

FB-3

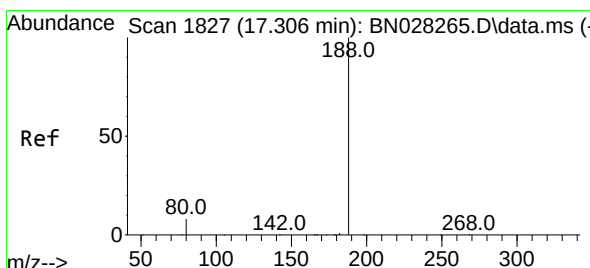
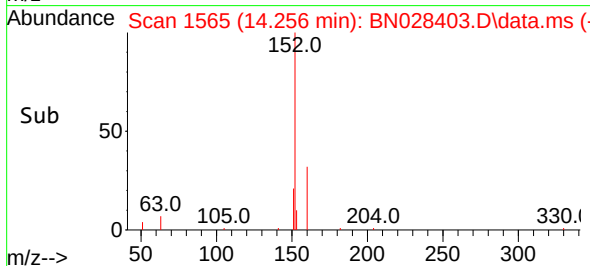
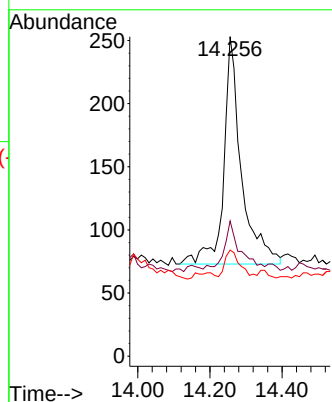
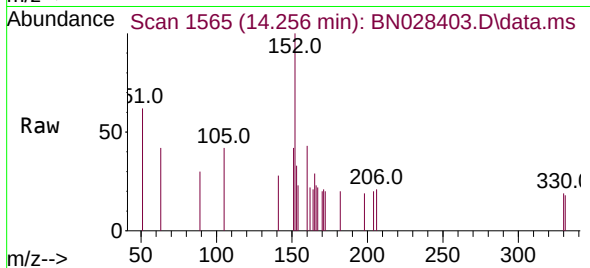
Tgt Ion:152 Resp: 611

Ion Ratio Lower Upper

152 100

151 18.8 15.6 23.4

153 11.0 10.6 16.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.294 min Scan# 1826

Delta R.T. 0.000 min

Lab File: BN028403.D

Acq: 26 Oct 2023 17:52

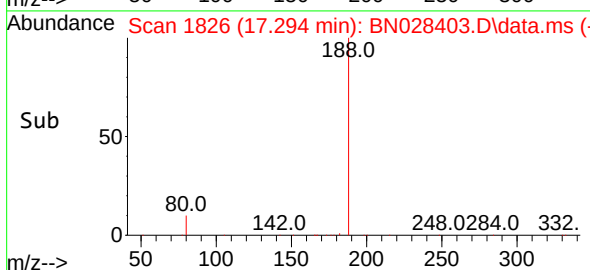
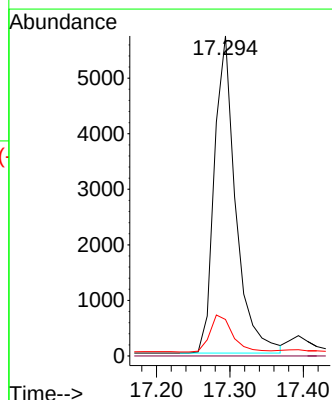
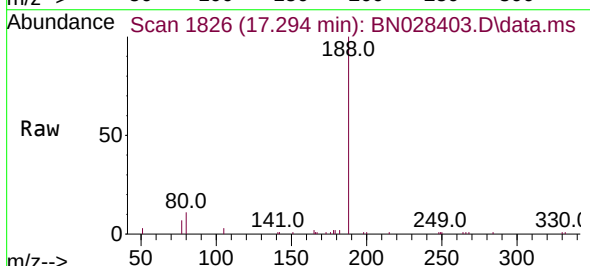
Tgt Ion:188 Resp: 11561

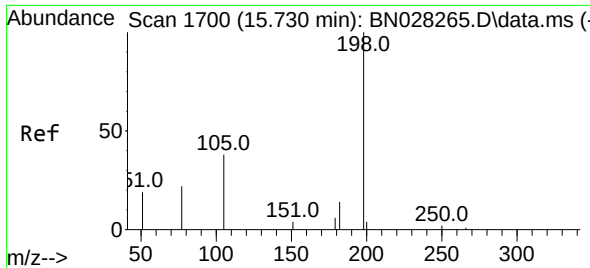
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.4 7.1 10.7#

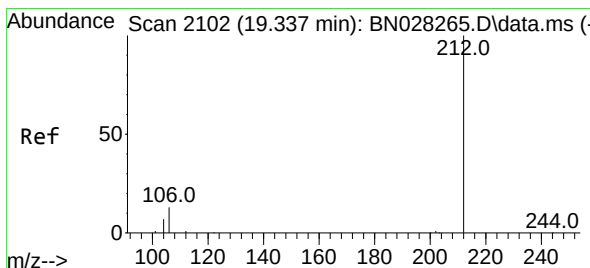
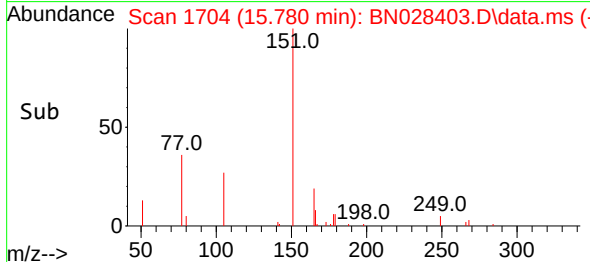
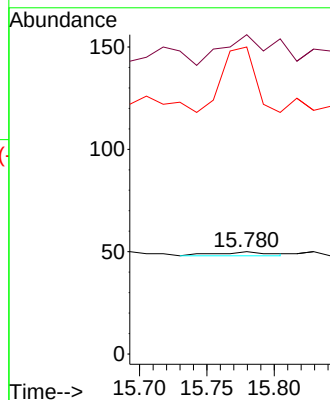
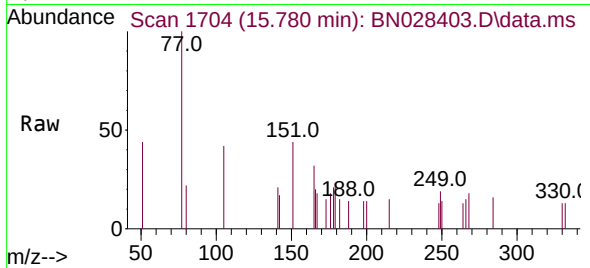




#20
4,6-Dinitro-2-methylphenol
Concen: 0.186 ng
RT: 15.780 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN028403.D
Acq: 26 Oct 2023 17:52

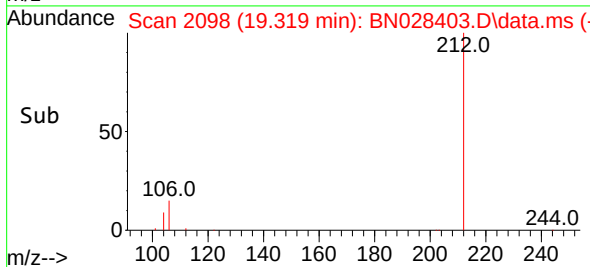
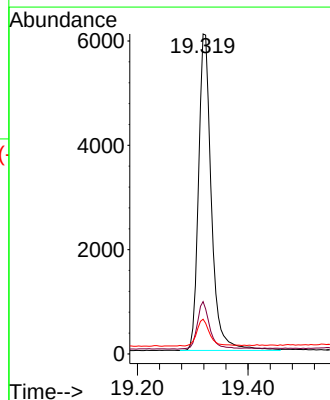
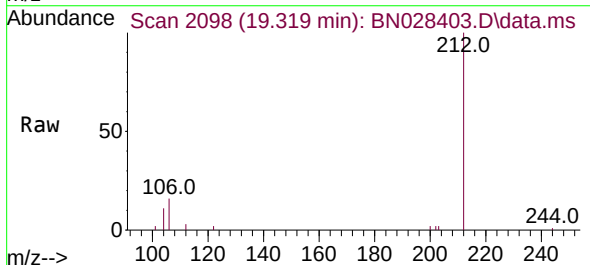
Instrument :
BNA_N
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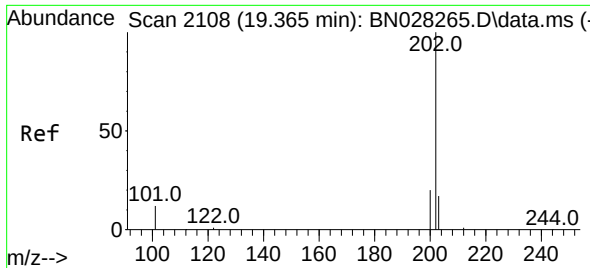
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 312.0 96.1 144.1#
105 300.0 75.4 113.0#



#27
Fluoranthene-d10
Concen: 0.318 ng
RT: 19.319 min Scan# 2098
Delta R.T. -0.009 min
Lab File: BN028403.D
Acq: 26 Oct 2023 17:52

Tgt Ion:212 Resp: 9843
Ion Ratio Lower Upper
212 100
106 14.5 11.5 17.3
104 8.4 6.7 10.1

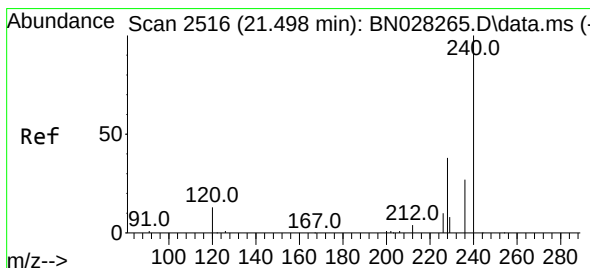
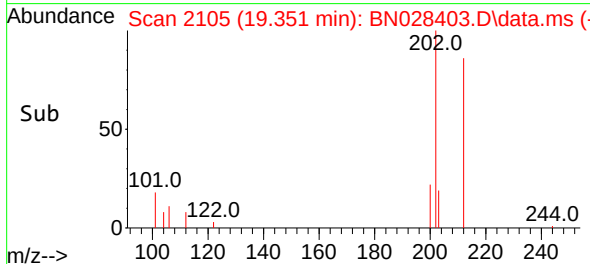
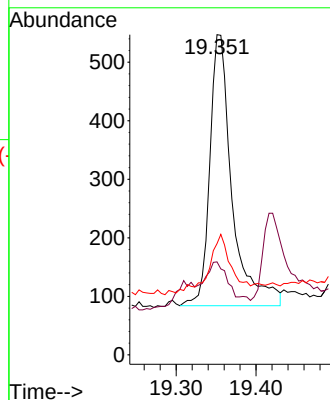
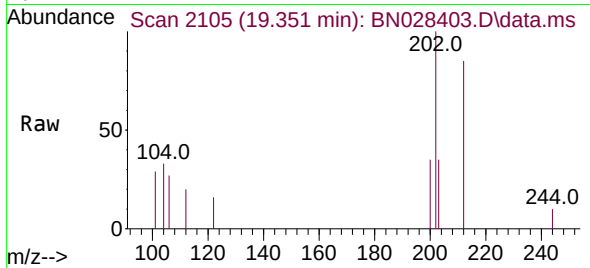




#28
Fluoranthene
Concen: 0.023 ng
RT: 19.351 min Scan# 2105
Delta R.T. -0.005 min
Lab File: BN028403.D
Acq: 26 Oct 2023 17:52

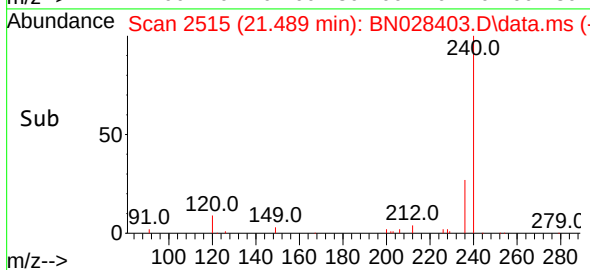
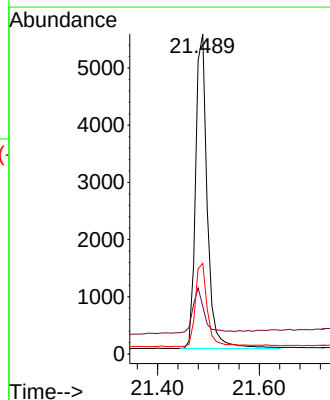
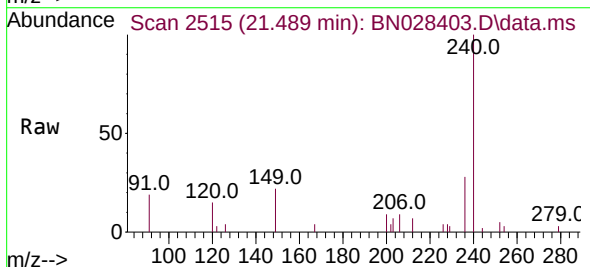
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FB-3

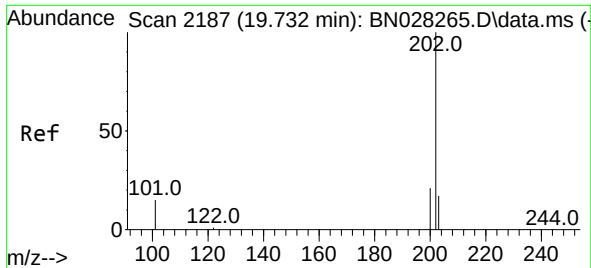
Tgt Ion:202 Resp: 900
Ion Ratio Lower Upper
202 100
101 14.7 10.1 15.1
203 23.3 13.9 20.9#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.489 min Scan# 2515
Delta R.T. 0.000 min
Lab File: BN028403.D
Acq: 26 Oct 2023 17:52

Tgt Ion:240 Resp: 8804
Ion Ratio Lower Upper
240 100
120 14.9 13.4 20.0
236 28.3 22.7 34.1

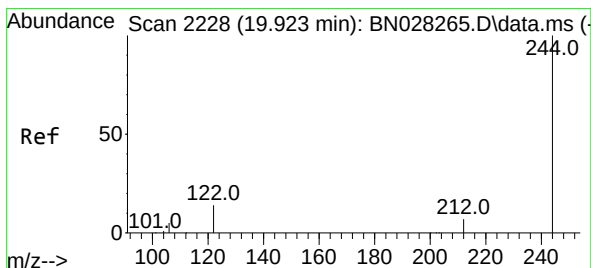
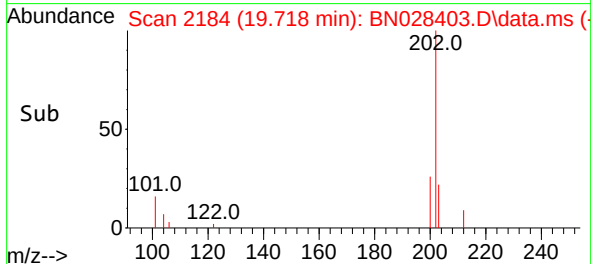
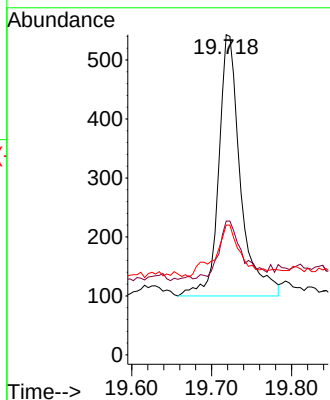
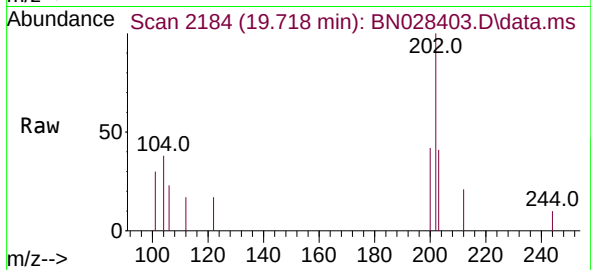




#30
 Pyrene
 Concen: 0.028 ng
 RT: 19.718 min Scan# 2184
 Delta R.T. -0.009 min
 Lab File: BN028403.D
 Acq: 26 Oct 2023 17:52

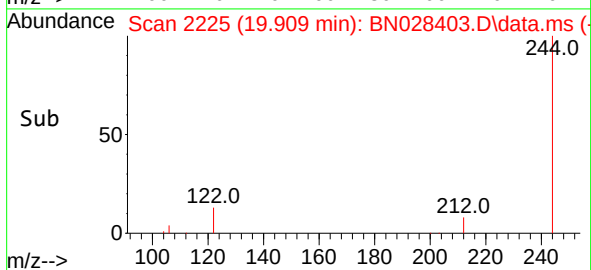
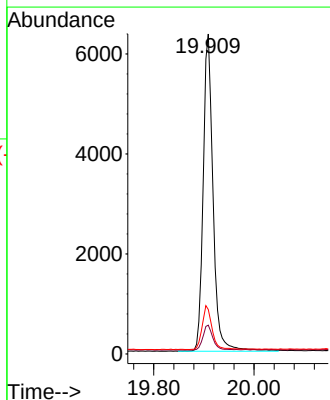
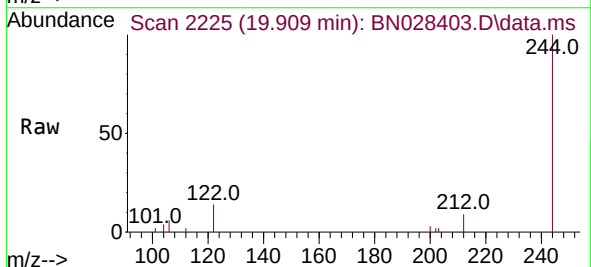
Instrument :
 BNA_N
 ClientSampleId :
 FB-3

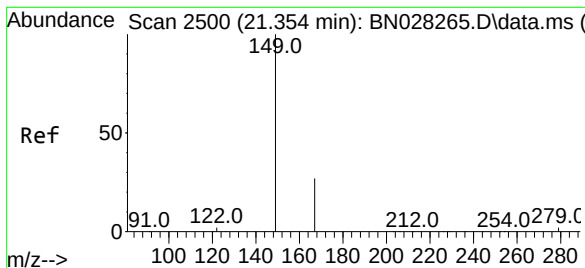
Tgt Ion:202 Resp: 836
 Ion Ratio Lower Upper
 202 100
 200 23.7 16.7 25.1
 203 23.8 14.5 21.7#



#31
 Terphenyl-d14
 Concen: 0.465 ng
 RT: 19.909 min Scan# 2225
 Delta R.T. -0.009 min
 Lab File: BN028403.D
 Acq: 26 Oct 2023 17:52

Tgt Ion:244 Resp: 8696
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.6 10.0
 122 13.9 11.7 17.5

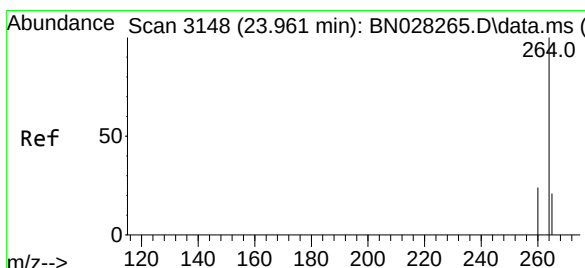
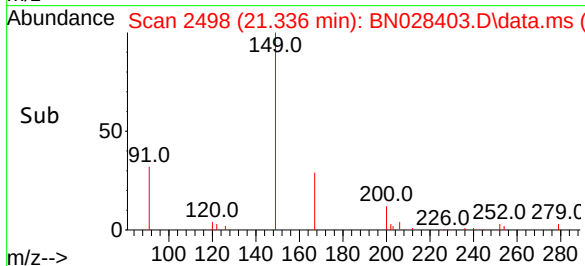
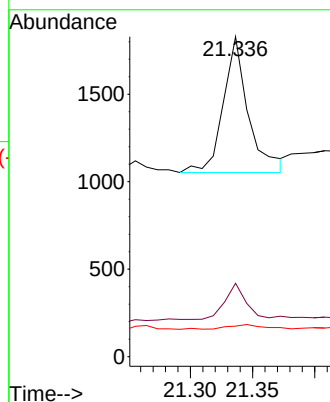
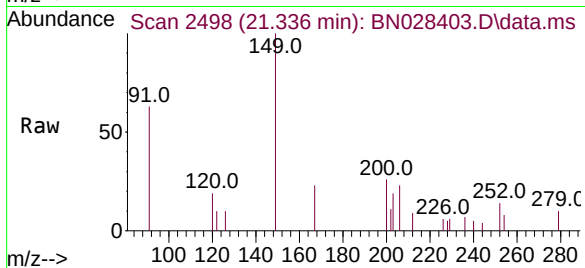




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.045 ng
 RT: 21.336 min Scan# 2498
 Delta R.T. -0.009 min
 Lab File: BN028403.D
 Acq: 26 Oct 2023 17:52

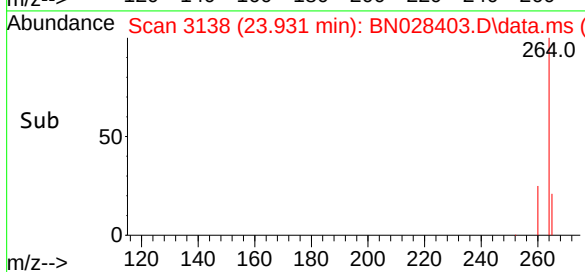
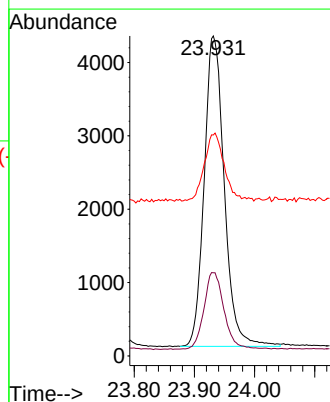
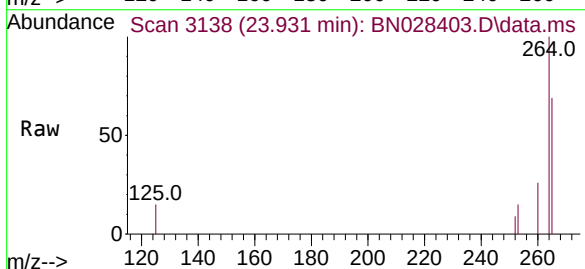
Instrument :
 BNA_N
 ClientSampleId :
 FB-3

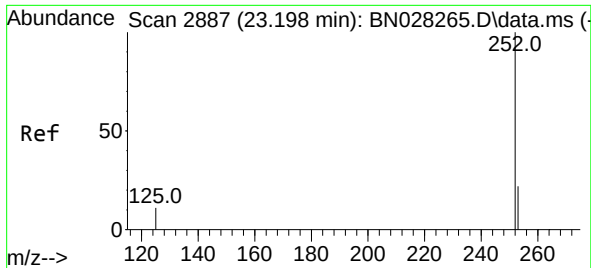
Tgt Ion:149 Resp: 1087
 Ion Ratio Lower Upper
 149 100
 167 29.2 22.6 34.0
 279 5.4 4.2 6.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.931 min Scan# 3138
 Delta R.T. -0.006 min
 Lab File: BN028403.D
 Acq: 26 Oct 2023 17:52

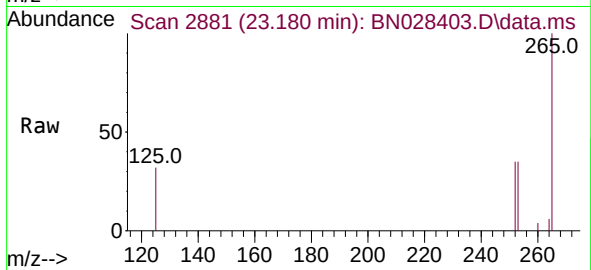
Tgt Ion:264 Resp: 9809
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.7 31.1
 265 69.0 38.3 57.5#





#37
Benzo(b)fluoranthene
Concen: 0.029 ng
RT: 23.180 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN028403.D
Acq: 26 Oct 2023 17:52

Instrument :
BNA_N
ClientSampleId :
FB-3



Tgt Ion:252 Resp: 878
Ion Ratio Lower Upper
252 100
253 100.5 21.8 32.8#
125 92.7 15.6 23.4#

