

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
 Data File : BN028242.D
 Acq On : 11 Oct 2023 20:51
 Operator : MA/JU
 Sample : 04819-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-AP-02-100923

Quant Time: Oct 12 04:06:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 04:03:12 2023
 Response via : Initial Calibration

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

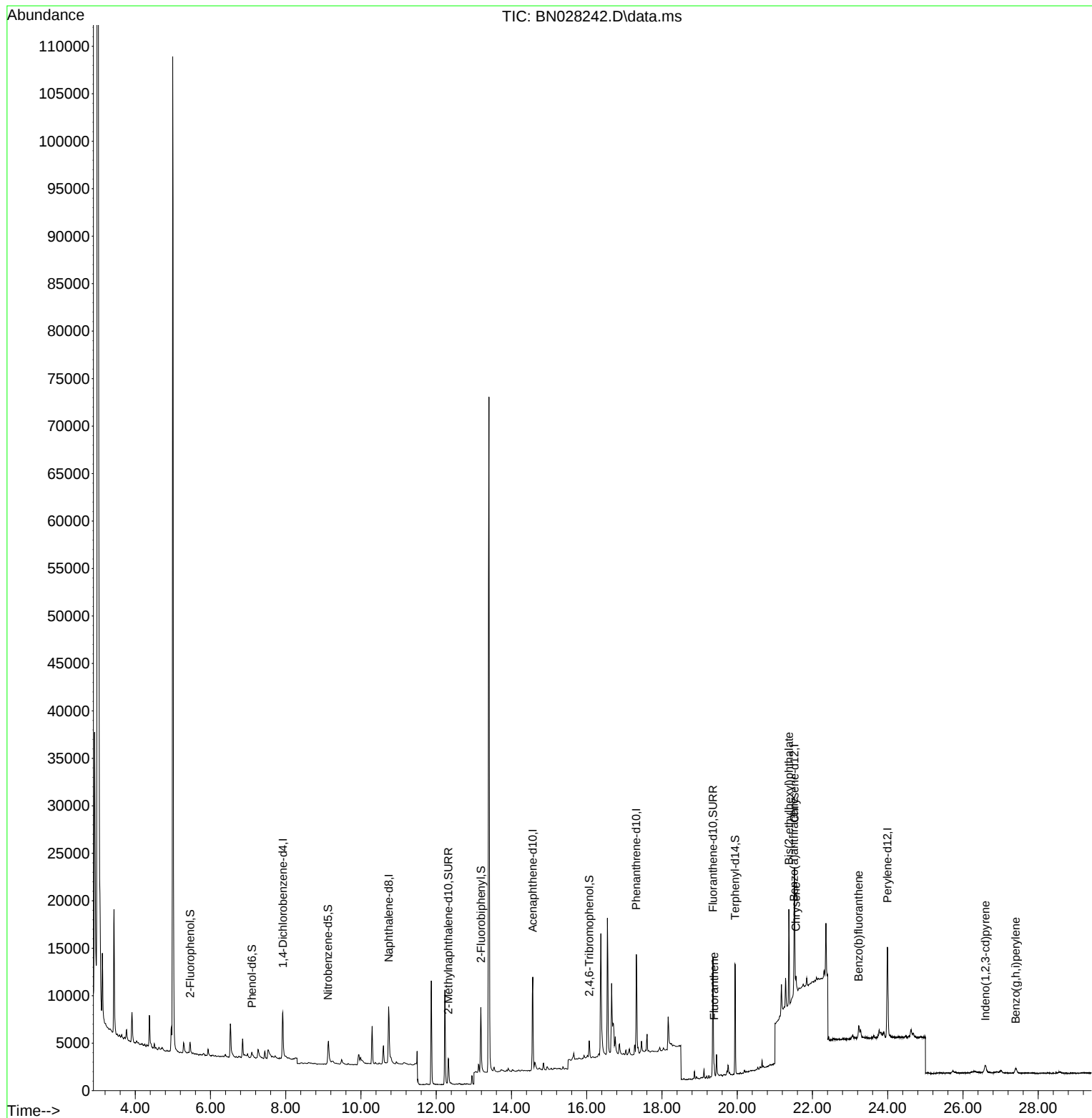
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	2922	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	9734	0.400	ng	# 0.00
13) Acenaphthene-d10	14.566	164	6254	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	14385	0.400	ng	0.00
29) Chrysene-d12	21.524	240	13925	0.400	ng	0.00
35) Perylene-d12	23.993	264	14493	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.459	112	1268	0.146	ng	0.00
5) Phenol-d6	7.098	99	928	0.084	ng	0.00
8) Nitrobenzene-d5	9.123	82	2295	0.277	ng	0.00
11) 2-Methylnaphthalene-d10	12.320	152	4483	0.311	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	1064	0.371	ng	-0.01
15) 2-Fluorobiphenyl	13.186	172	6683	0.297	ng	0.00
27) Fluoranthene-d10	19.356	212	13650	0.378	ng	0.00
31) Terphenyl-d14	19.946	244	11917	0.367	ng	0.00
Target Compounds						
28) Fluoranthene	19.388	202	1122	0.025	ng	# 86
32) Benzo(a)anthracene	21.506	228	1201	0.025	ng	# 54
33) Chrysene	21.560	228	1643	0.036	ng	# 65
34) Bis(2-ethylhexyl)phtha...	21.372	149	8916	0.286	ng	99
36) Indeno(1,2,3-cd)pyrene	26.595	276	1157	0.024	ng	# 81
37) Benzo(b)fluoranthene	23.230	252	2341	0.050	ng	# 1
41) Benzo(g,h,i)perylene	27.405	276	1245	0.030	ng	# 17

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

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
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SW-AP-02-100923

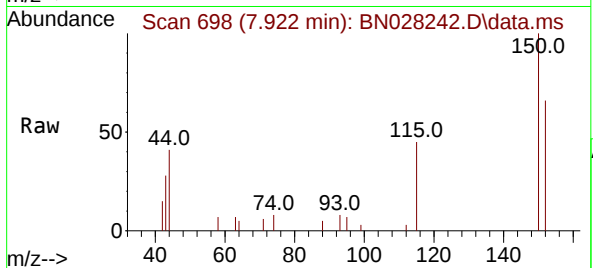
Quant Time: Oct 12 04:06:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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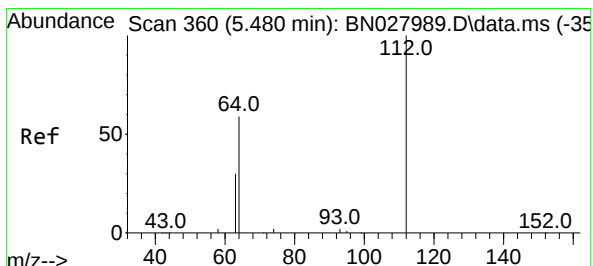
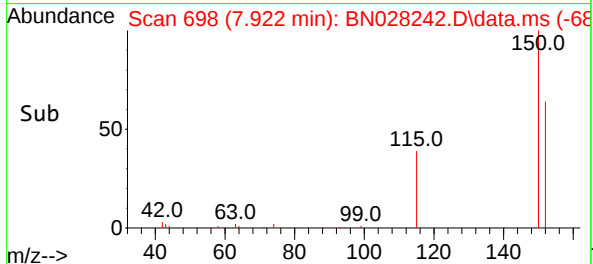
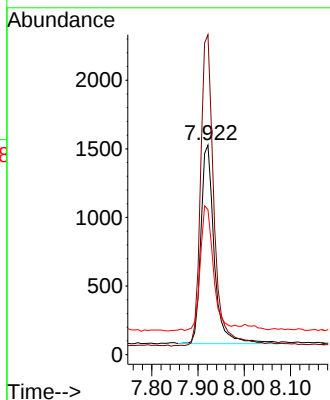
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

Instrument :
BNA_N
ClientSampleId :
SW-AP-02-100923



Tgt Ion:152 Resp: 2922

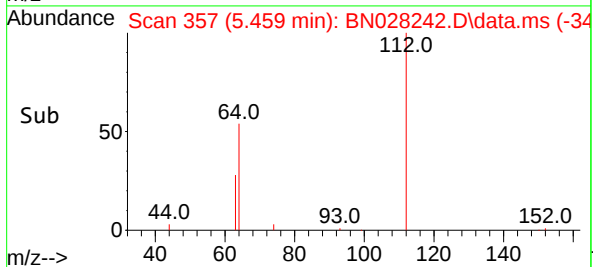
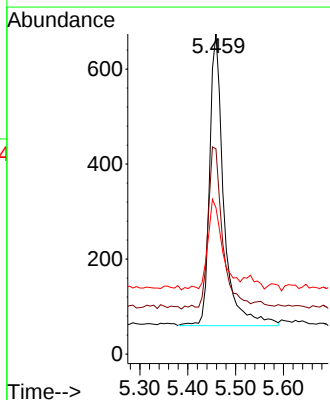
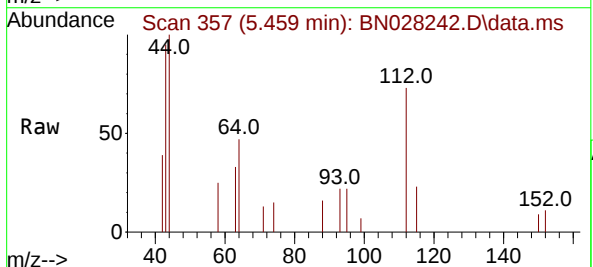
Ion	Ratio	Lower	Upper
152	100		
150	152.6	125.6	188.4
115	69.2	54.8	82.2



#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.459 min Scan# 357
Delta R.T. -0.007 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

Tgt Ion:112 Resp: 1268

Ion	Ratio	Lower	Upper
112	100		
64	57.3	45.0	67.6
63	30.5	23.4	35.0

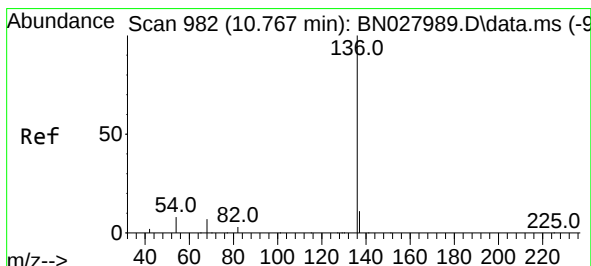
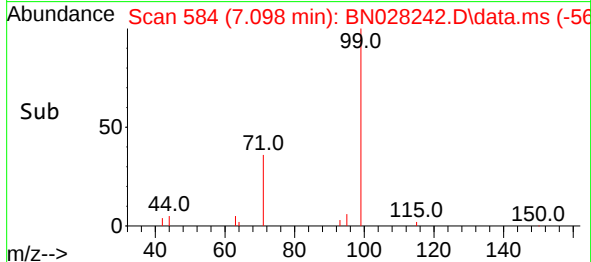
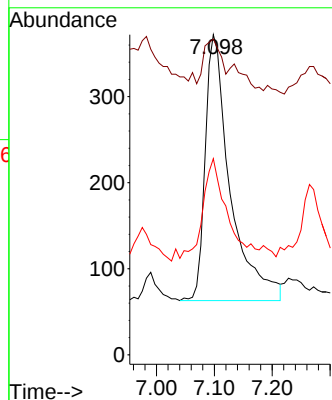
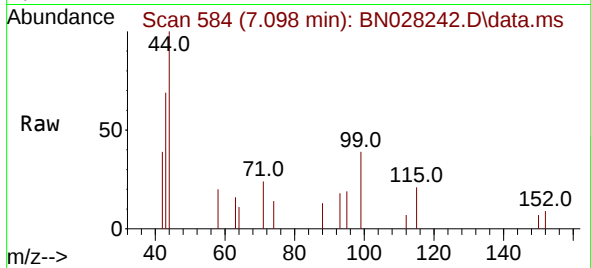




#5
Phenol-d6
Concen: 0.084 ng
RT: 7.098 min Scan# 584
Delta R.T. 0.007 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

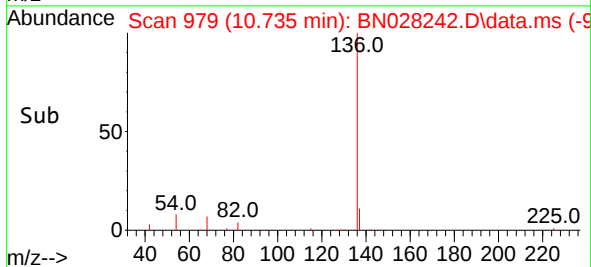
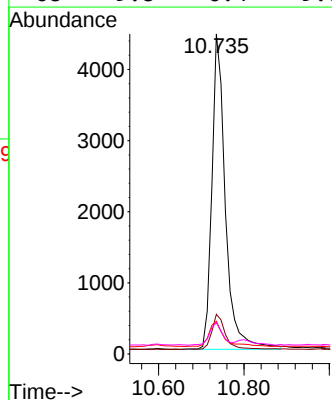
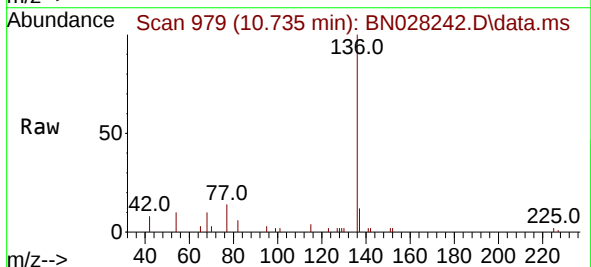
Instrument :
BNA_N
ClientSampleId :
SW-AP-02-100923

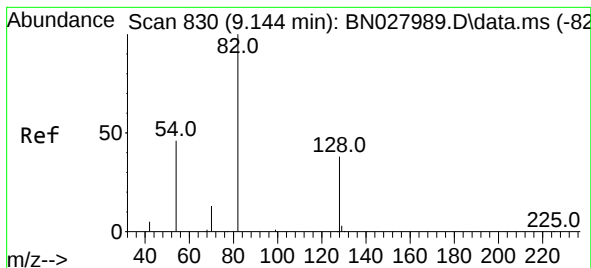
Tgt Ion: 99 Resp: 928
Ion Ratio Lower Upper
99 100
42 12.0 14.6 22.0#
71 38.9 28.3 42.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.735 min Scan# 979
Delta R.T. -0.000 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

Tgt Ion: 136 Resp: 9734
Ion Ratio Lower Upper
136 100
137 12.4 9.4 14.0
54 10.2 7.0 10.6
68 9.8 6.4 9.6#





#8

Nitrobenzene-d5

Concen: 0.277 ng

RT: 9.123 min Scan# 81

Delta R.T. -0.000 min

Lab File: BN028242.D

Acq: 11 Oct 2023 20:51

Instrument :

BNA_N

ClientSampleId :

SW-AP-02-100923

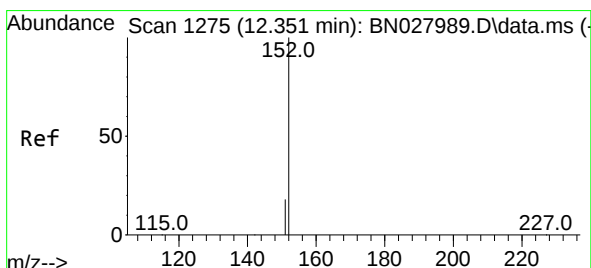
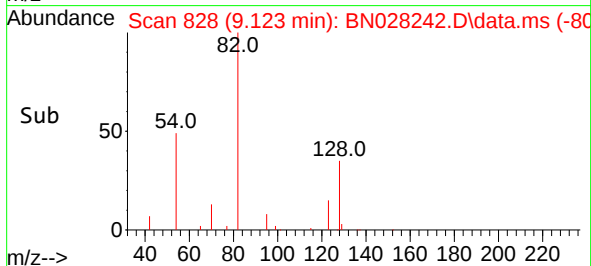
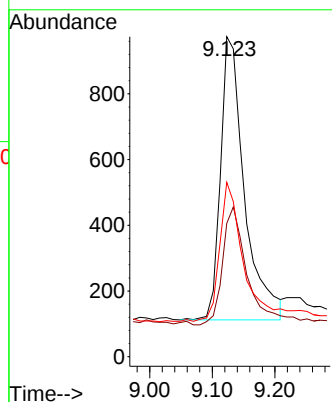
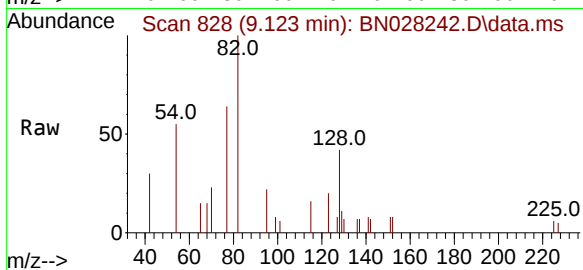
Tgt Ion: 82 Resp: 2295

Ion Ratio Lower Upper

82 100

128 41.7 32.7 49.1

54 54.5 38.7 58.1



#11

2-Methylnaphthalene-d10

Concen: 0.311 ng

RT: 12.320 min Scan# 1267

Delta R.T. -0.004 min

Lab File: BN028242.D

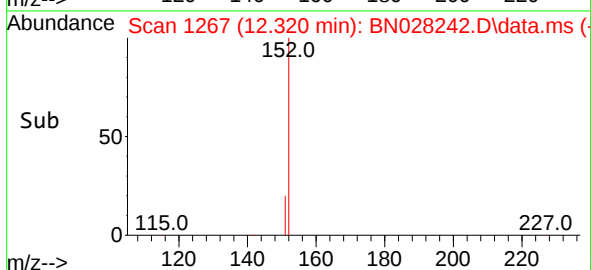
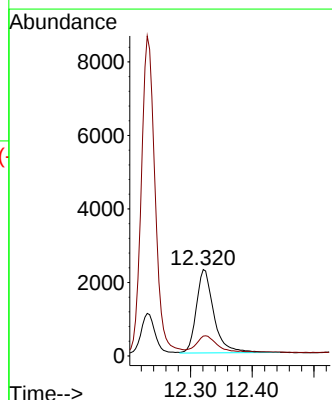
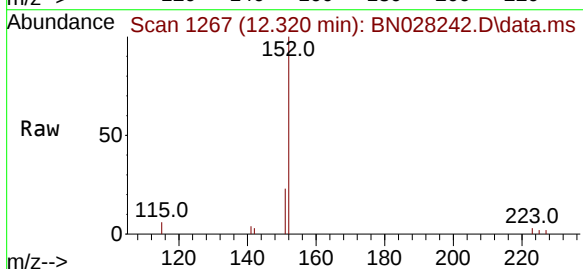
Acq: 11 Oct 2023 20:51

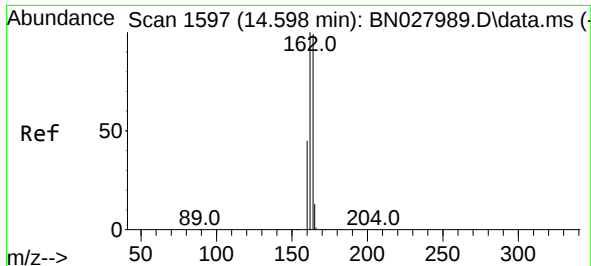
Tgt Ion: 152 Resp: 4483

Ion Ratio Lower Upper

152 100

151 23.1 16.5 24.7

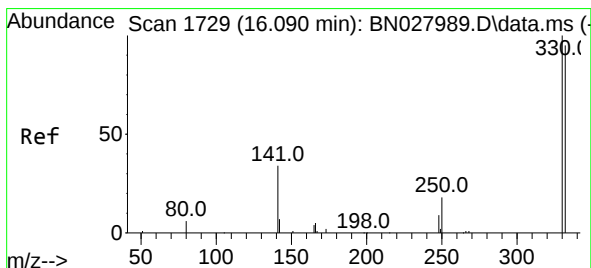
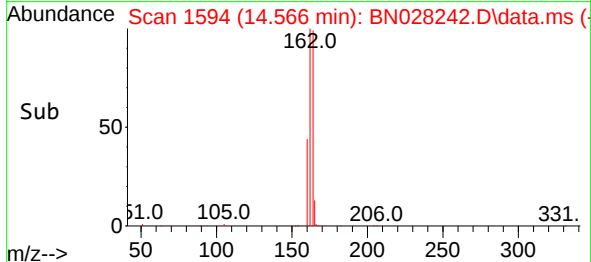
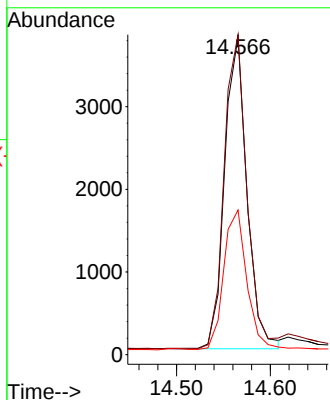
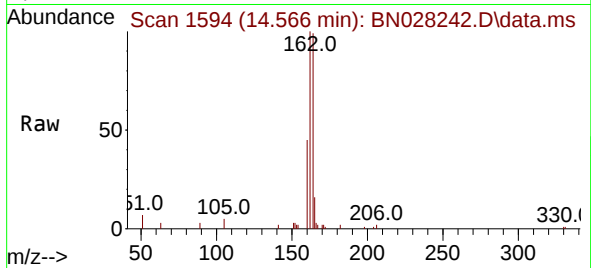




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.566 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

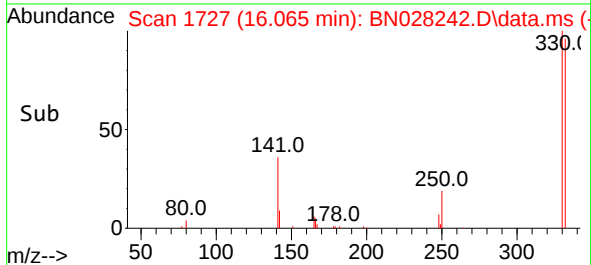
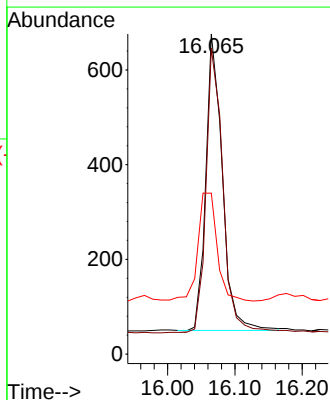
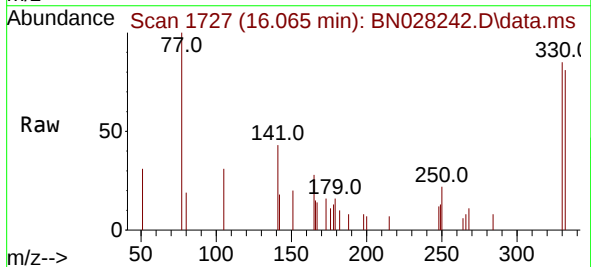
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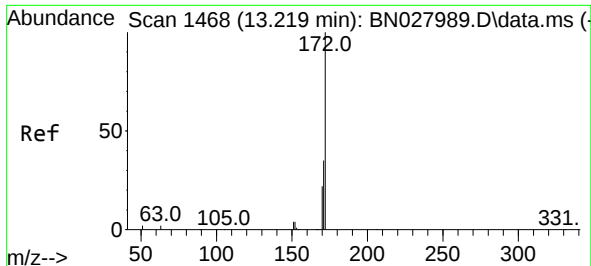
Tgt Ion:164 Resp: 6254
Ion Ratio Lower Upper
164 100
162 100.6 80.8 121.2
160 45.5 36.4 54.6



#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 16.065 min Scan# 1727
Delta R.T. -0.013 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

Tgt Ion:330 Resp: 1064
Ion Ratio Lower Upper
330 100
332 97.5 78.1 117.1
141 42.6 33.4 50.2

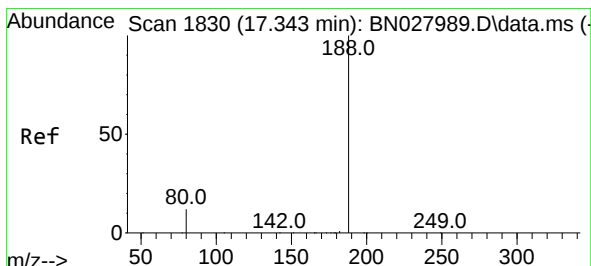
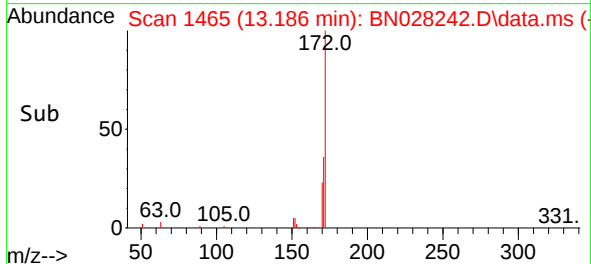
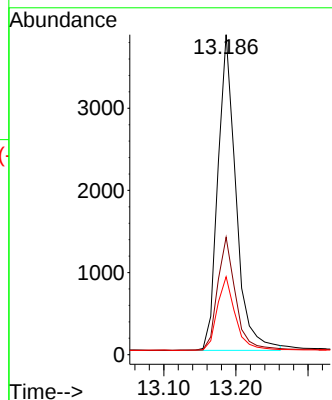
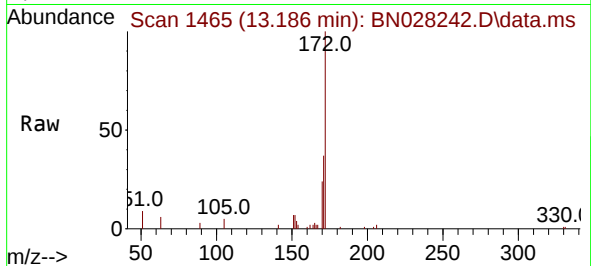




#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 13.186 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

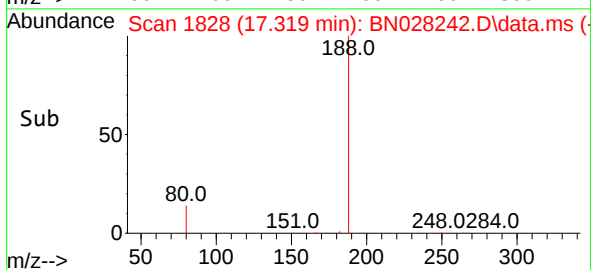
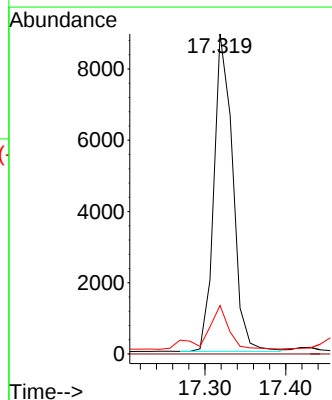
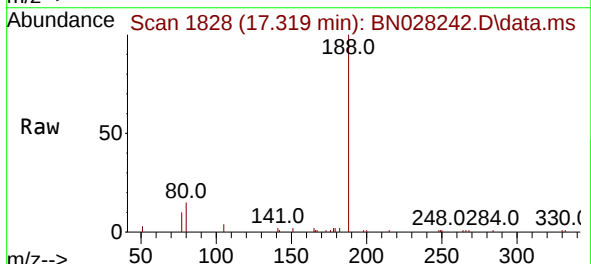
Instrument :
BNA_N
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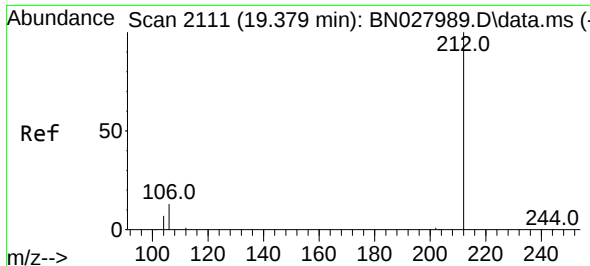
Tgt Ion:	172	Resp:	6683
Ion Ratio	Lower	Upper	
172	100		
171	36.7	28.1	42.1
170	24.4	18.4	27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.319 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

Tgt Ion:	188	Resp:	14385
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	15.1	10.2	15.4

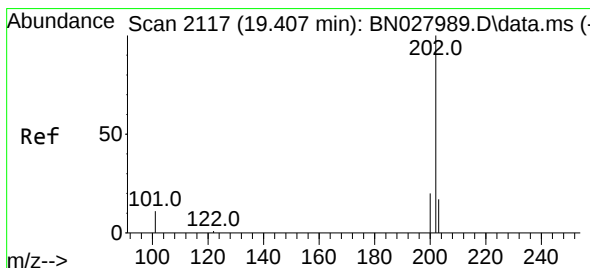
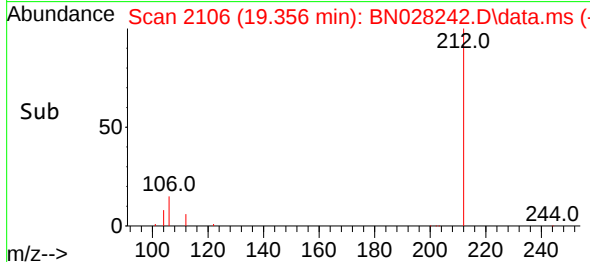
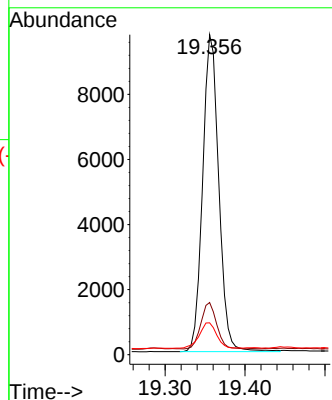
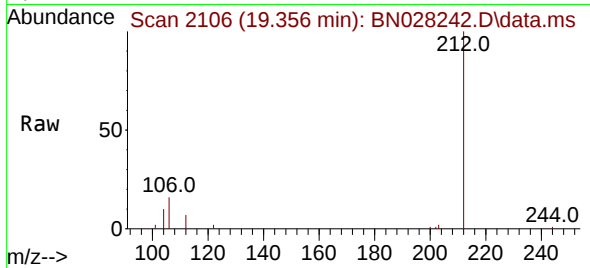




#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.356 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

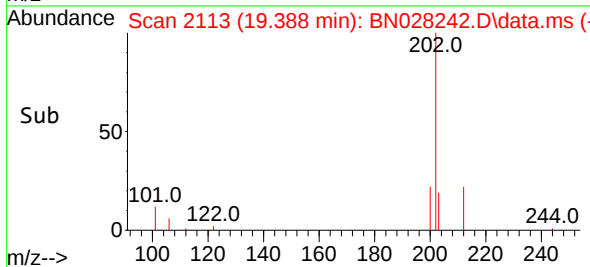
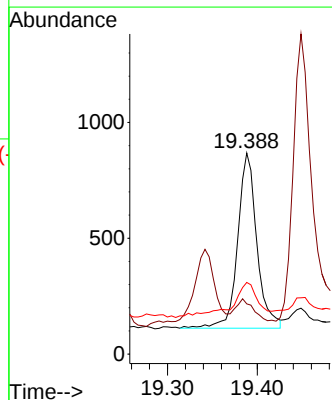
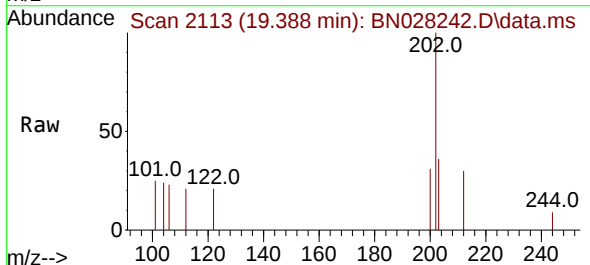
Instrument :
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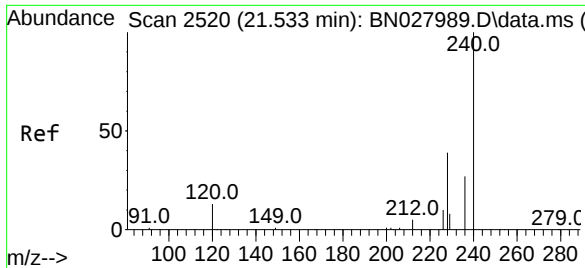
Tgt Ion:212 Resp: 13650
Ion Ratio Lower Upper
212 100
106 14.4 11.3 16.9
104 8.7 6.4 9.6



#28
Fluoranthene
Concen: 0.025 ng
RT: 19.388 min Scan# 2113
Delta R.T. 0.005 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

Tgt Ion:202 Resp: 1122
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.6
203 27.5 13.8 20.8#

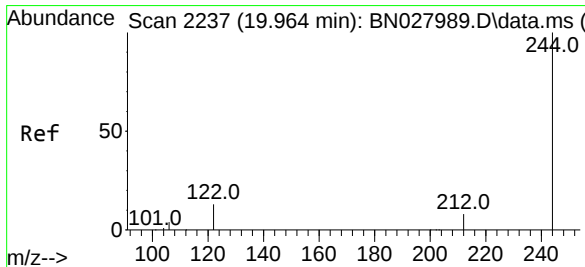
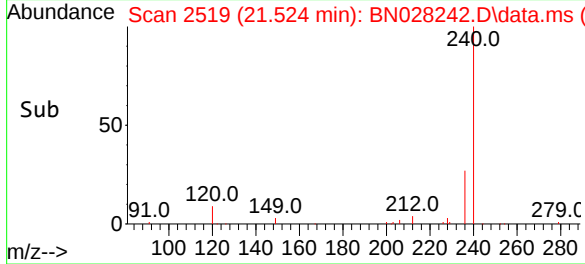
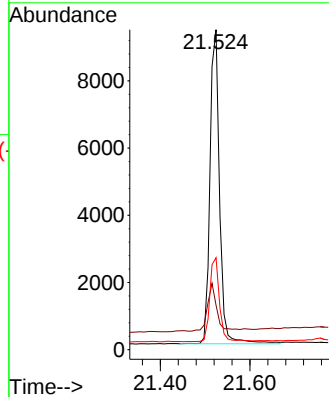
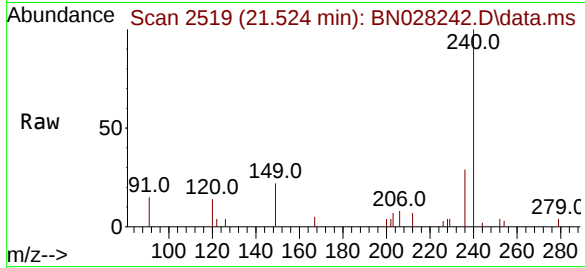




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.524 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

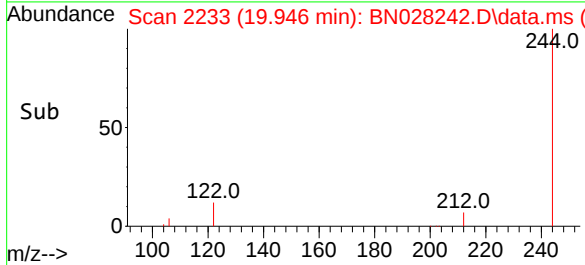
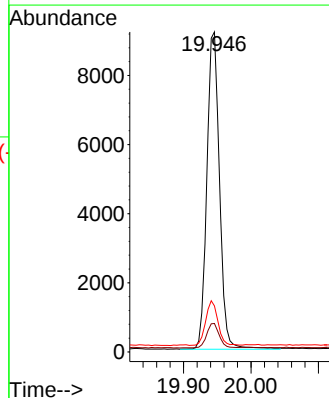
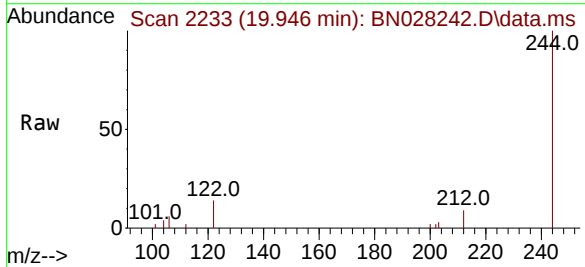
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SW-AP-02-100923

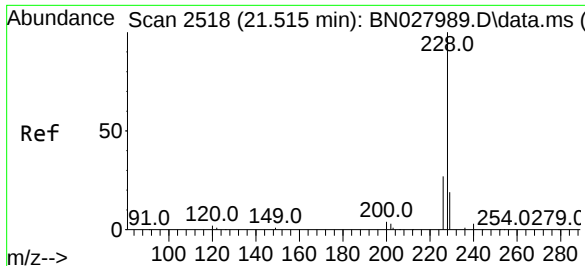
Tgt Ion:240 Resp: 13925
Ion Ratio Lower Upper
240 100
120 13.9 13.8 20.6
236 28.7 22.6 33.8



#31
Terphenyl-d14
Concen: 0.367 ng
RT: 19.946 min Scan# 2233
Delta R.T. 0.005 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

Tgt Ion:244 Resp: 11917
Ion Ratio Lower Upper
244 100
212 8.9 6.6 9.8
122 14.4 11.4 17.0

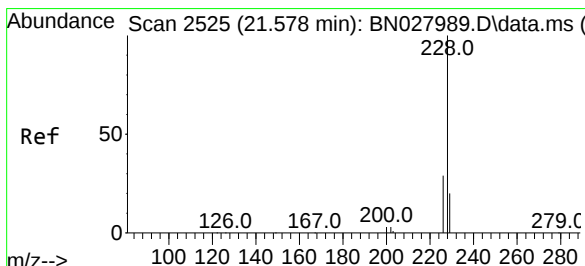
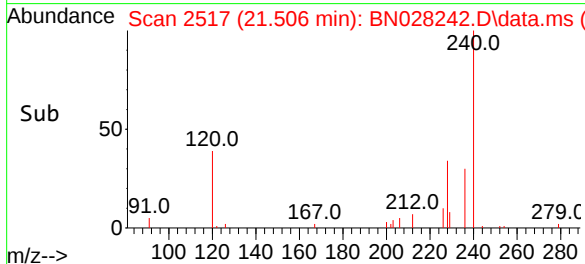
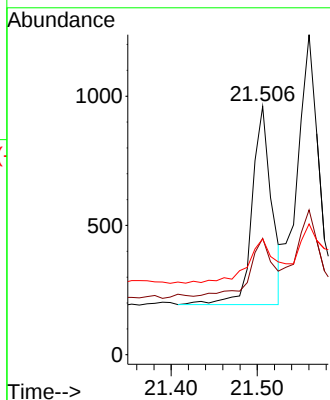
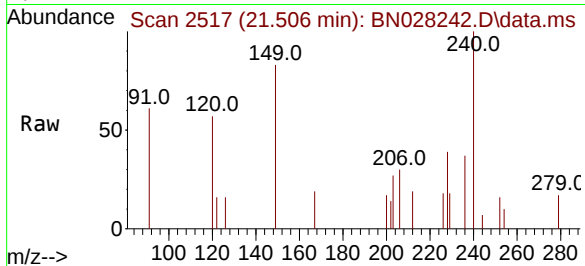




#32
Benzo(a)anthracene
Concen: 0.025 ng
RT: 21.506 min Scan# 2151
Delta R.T. 0.009 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

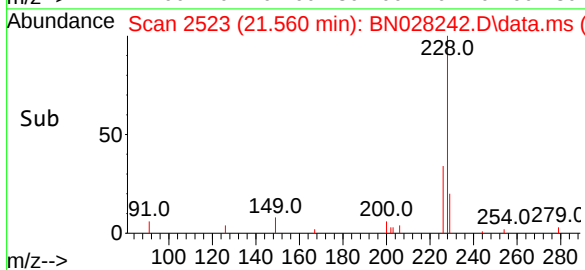
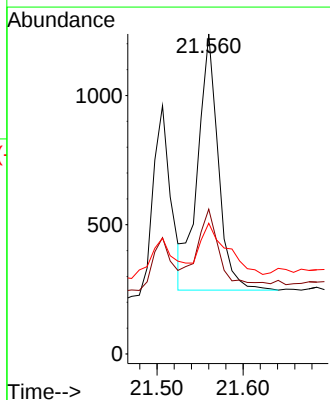
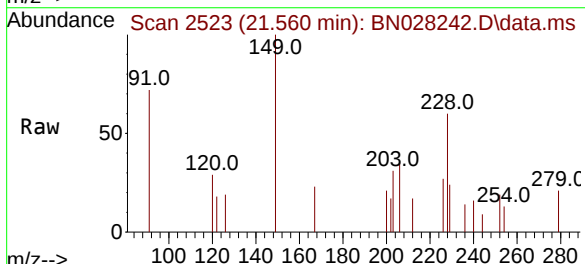
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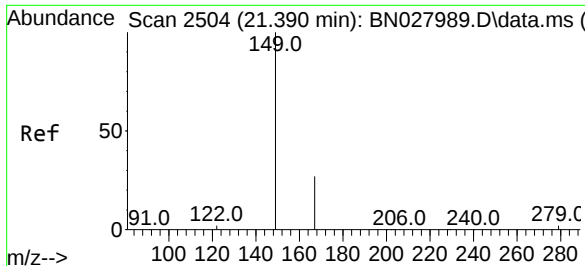
Tgt Ion:228 Resp: 1201
Ion Ratio Lower Upper
228 100
226 46.8 22.0 33.0#
229 46.6 16.0 24.0#



#33
Chrysene
Concen: 0.036 ng
RT: 21.560 min Scan# 2523
Delta R.T. 0.009 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

Tgt Ion:228 Resp: 1643
Ion Ratio Lower Upper
228 100
226 45.2 23.8 35.8#
229 40.9 16.6 25.0#

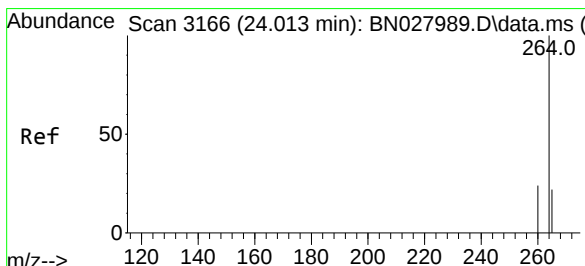
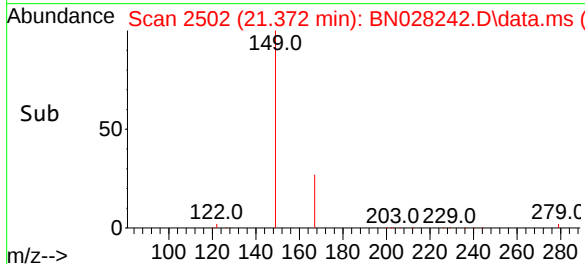
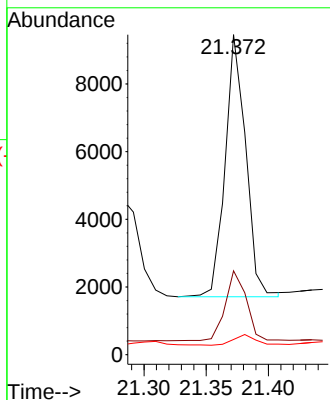
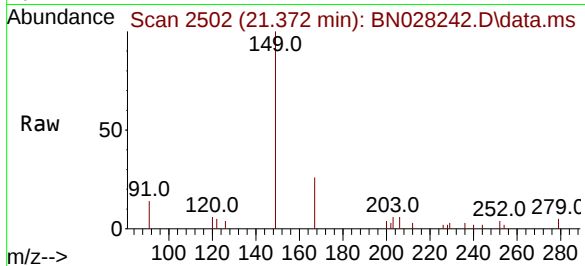




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.286 ng
 RT: 21.372 min Scan# 2139
 Delta R.T. 0.009 min
 Lab File: BN028242.D
 Acq: 11 Oct 2023 20:51

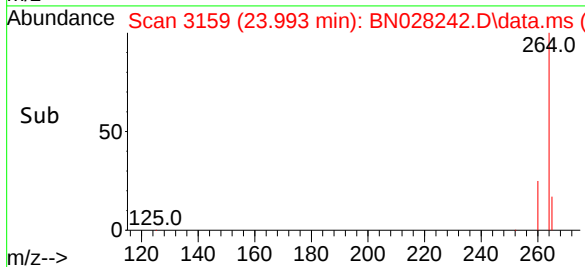
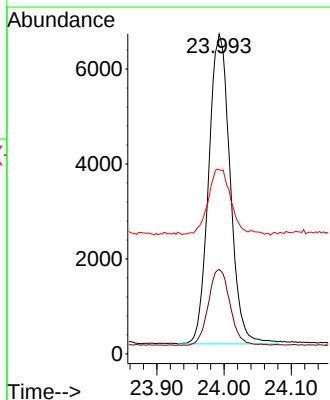
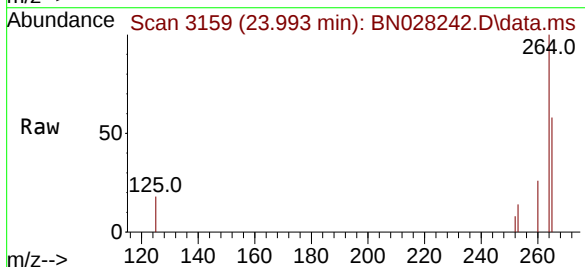
Instrument :
 BNA_N
 ClientSampleId :
 SW-AP-02-100923

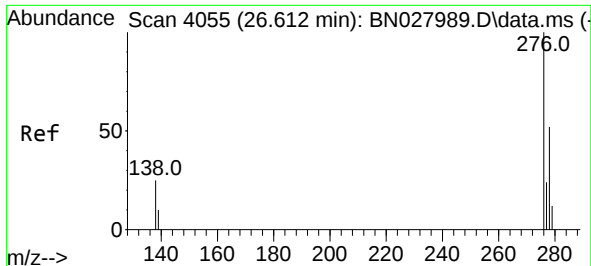
Tgt Ion:149 Resp: 8916
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.1 33.1
 279 4.7 3.4 5.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.993 min Scan# 3159
 Delta R.T. 0.017 min
 Lab File: BN028242.D
 Acq: 11 Oct 2023 20:51

Tgt Ion:264 Resp: 14493
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.2 30.4
 265 57.6 54.8 82.2

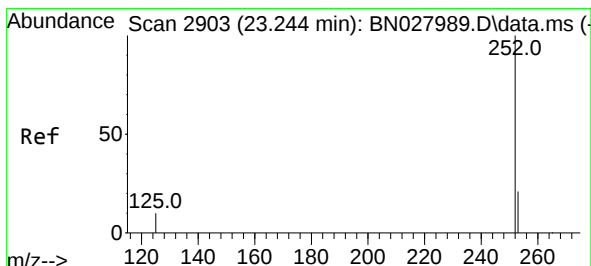
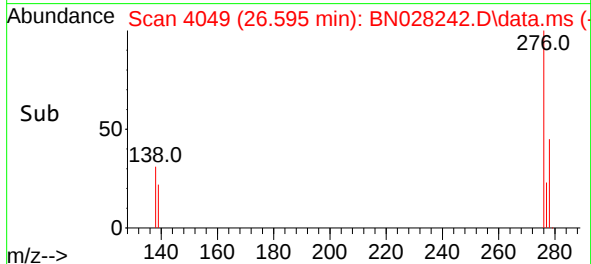
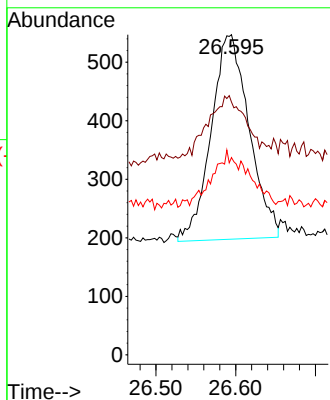
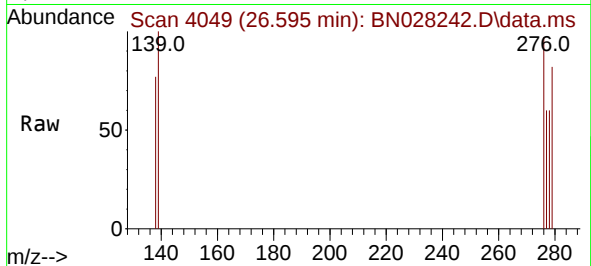




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng
RT: 26.595 min Scan# 4055
Delta R.T. 0.038 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

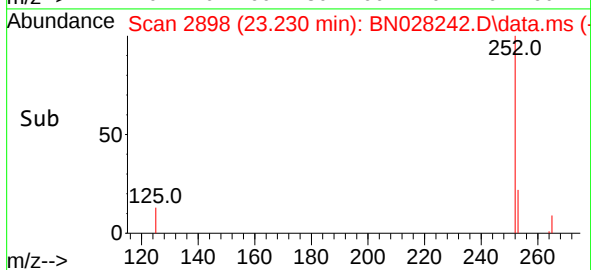
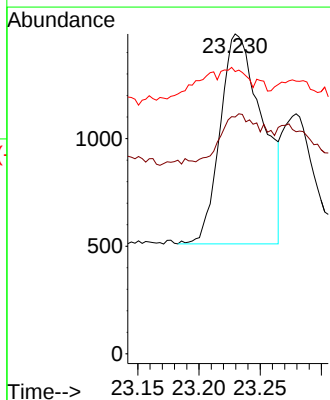
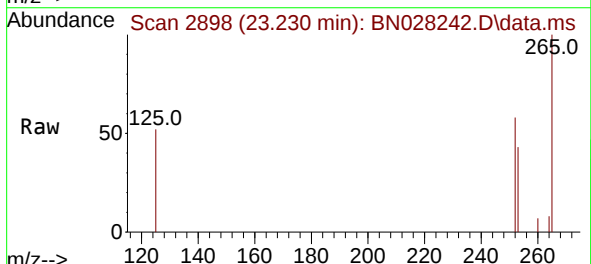
Instrument :
BNA_N
ClientSampleId :
SW-AP-02-100923

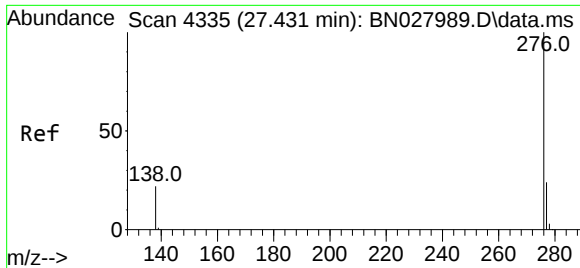
Tgt Ion:276 Resp: 1157
Ion Ratio Lower Upper
276 100
138 30.9 20.9 31.3
277 10.5 19.8 29.6#



#37
Benzo(b)fluoranthene
Concen: 0.050 ng
RT: 23.230 min Scan# 2898
Delta R.T. 0.017 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

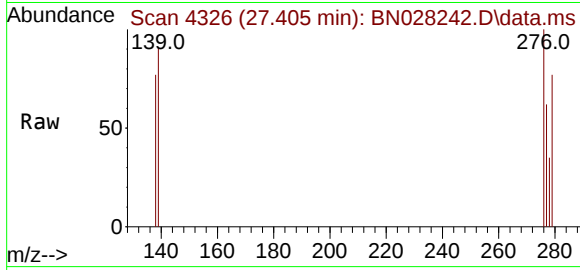
Tgt Ion:252 Resp: 2341
Ion Ratio Lower Upper
252 100
253 74.0 22.9 34.3#
125 88.2 13.8 20.8#





#41
 Benzo(g,h,i)perylene
 Concen: 0.030 ng
 RT: 27.405 min Scan# 41
 Delta R.T. 0.038 min
 Lab File: BN028242.D
 Acq: 11 Oct 2023 20:51

Instrument :
 BNA_N
 ClientSampleId :
 SW-AP-02-100923



Tgt Ion:276 Resp: 1245
 Ion Ratio Lower Upper
 276 100
 277 62.4 22.1 33.1#
 138 76.9 20.8 31.2#

