

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028982.D
 Acq On : 02 Dec 2023 13:25
 Operator : MA/JU
 Sample : 05403-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01D1-20231112

Quant Time: Dec 03 08:13:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 23:11:55 2023
 Response via : Initial Calibration

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

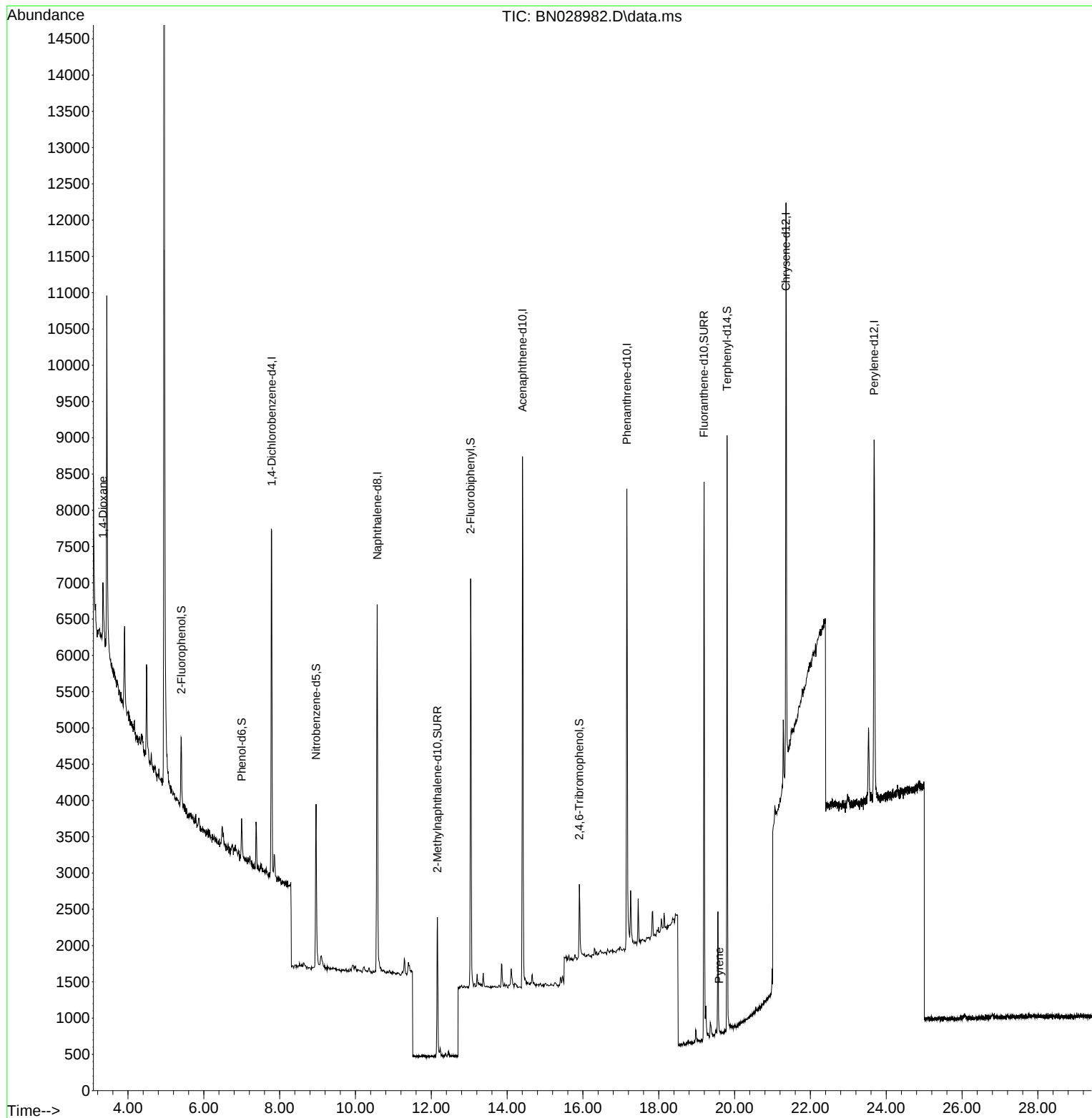
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	2427	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	6886	0.400	ng	-0.01
13) Acenaphthene-d10	14.407	164	4338	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	9190	0.400	ng	-0.01
29) Chrysene-d12	21.356	240	7678	0.400	ng	#-0.02
35) Perylene-d12	23.681	264	6989	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	735	0.100	ng	0.00
5) Phenol-d6	7.002	99	505	0.062	ng	0.00
8) Nitrobenzene-d5	8.961	82	2029	0.296	ng	-0.01
11) 2-Methylnaphthalene-d10	12.159	152	2707	0.245	ng	-0.01
14) 2,4,6-Tribromophenol	15.905	330	655	0.223	ng	-0.01
15) 2-Fluorobiphenyl	13.038	172	5019	0.268	ng	-0.01
27) Fluoranthene-d10	19.195	212	8652	0.358	ng	-0.01
31) Terphenyl-d14	19.803	244	8169	0.383	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.341	88	606	0.255	ng	# 59
30) Pyrene	19.594	202	83	0.096	ng	96

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

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RW9-MW01D1-20231112

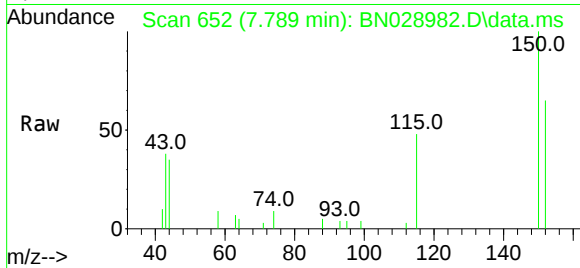
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
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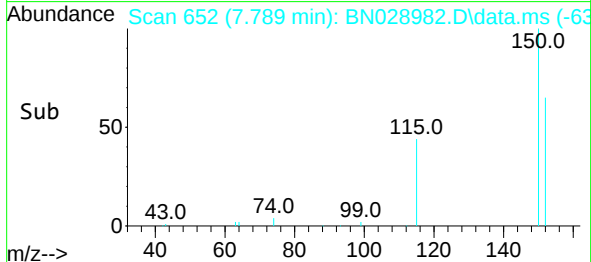
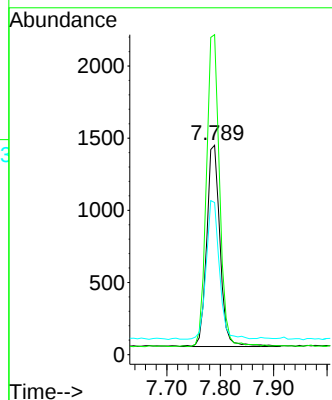
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.789 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN028982.D
 Acq: 02 Dec 2023 13:25

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01D1-20231112



Tgt Ion: 152 Resp: 2427

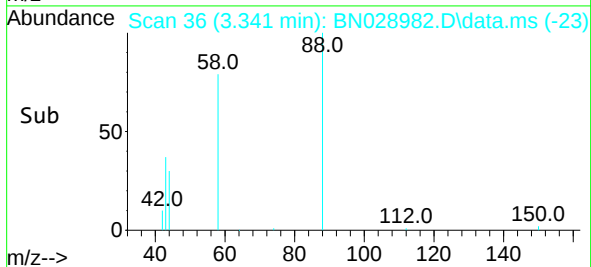
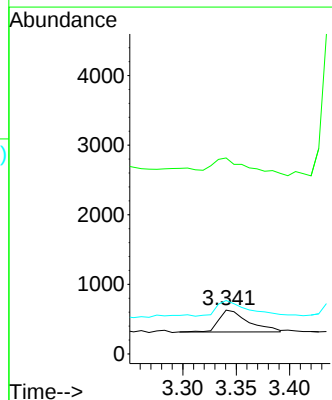
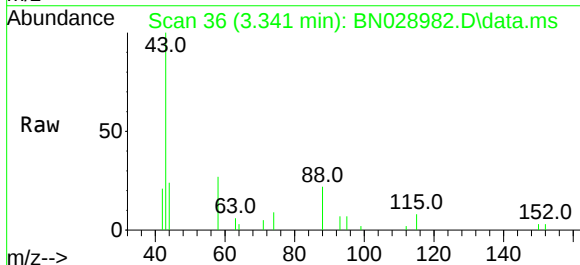
Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.4	185.2
115	72.6	59.1	88.7



#2
 1,4-Dioxane
 Concen: 0.255 ng
 RT: 3.341 min Scan# 36
 Delta R.T. -0.007 min
 Lab File: BN028982.D
 Acq: 02 Dec 2023 13:25

Tgt Ion: 88 Resp: 606

Ion	Ratio	Lower	Upper
88	100		
43	96.5	29.9	44.9
58	76.7	55.0	82.4





#4

2-Fluorophenol

Concen: 0.100 ng

RT: 5.406 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN028982.D

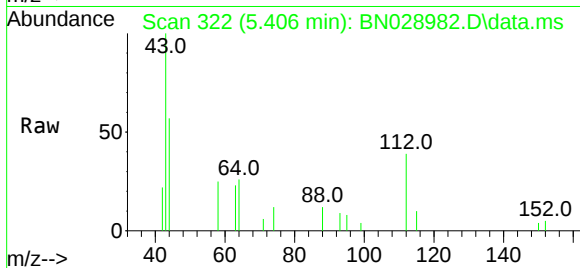
Acq: 02 Dec 2023 13:25

Instrument :

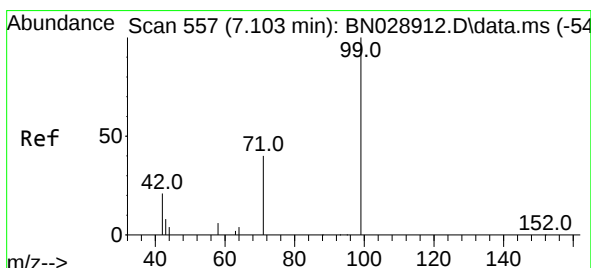
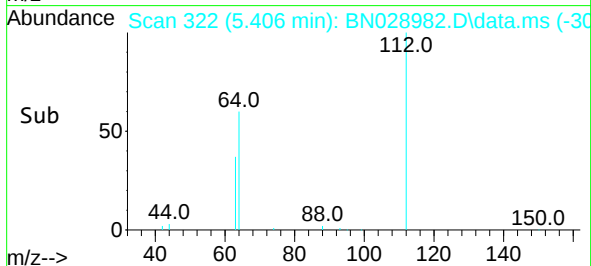
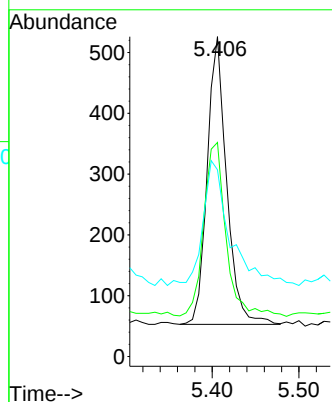
BNA_N

ClientSampleId :

RW9-MW01D1-20231112



Tgt Ion:	112	Resp:	735
Ion Ratio	Lower	Upper	
112	100		
64	69.5	51.5	77.3
63	60.4	30.4	45.6



#5

Phenol-d6

Concen: 0.062 ng

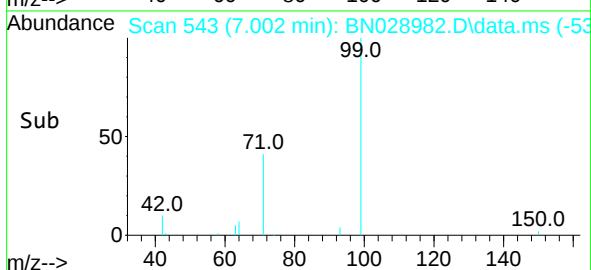
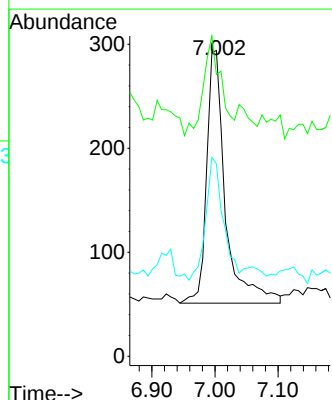
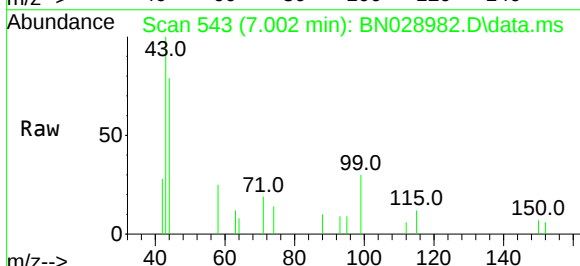
RT: 7.002 min Scan# 543

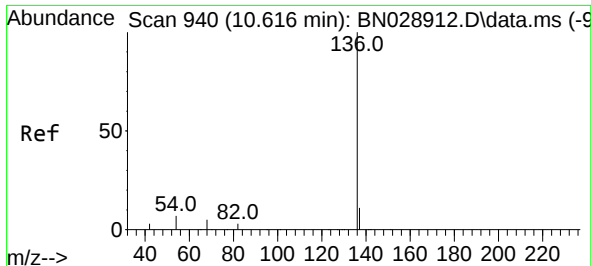
Delta R.T. -0.007 min

Lab File: BN028982.D

Acq: 02 Dec 2023 13:25

Tgt Ion:	99	Resp:	505
Ion Ratio	Lower	Upper	
99	100		
42	37.0	21.2	31.8
71	45.9	35.4	53.0

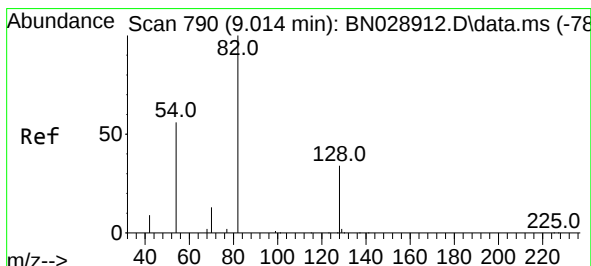
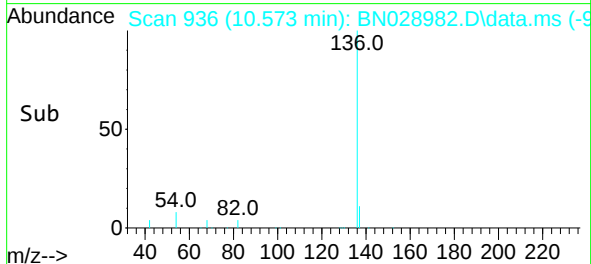
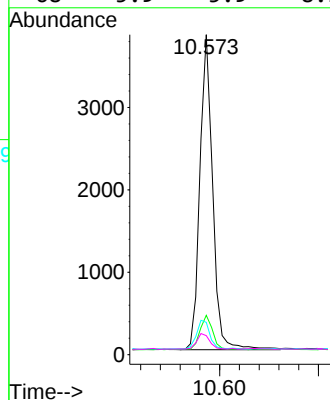
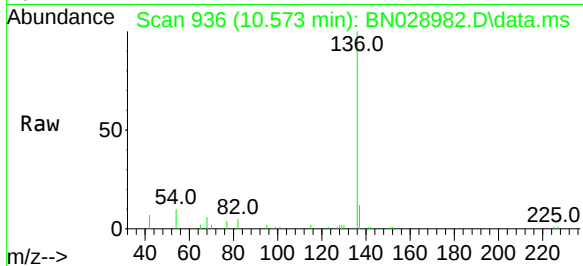




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN028982.D
Acq: 02 Dec 2023 13:25

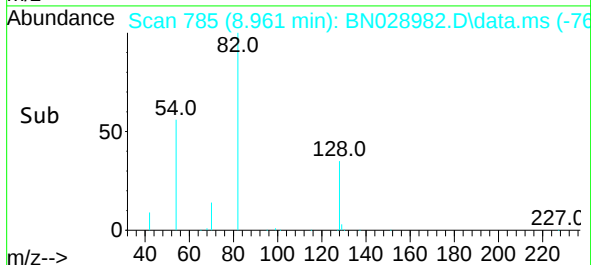
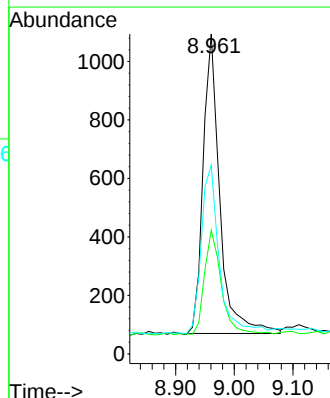
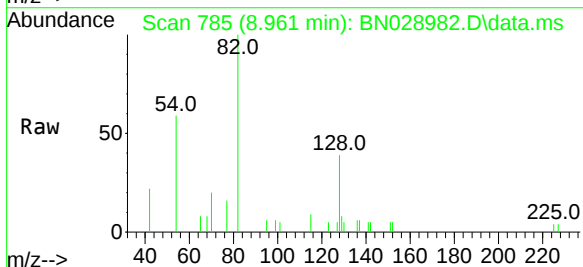
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D1-20231112

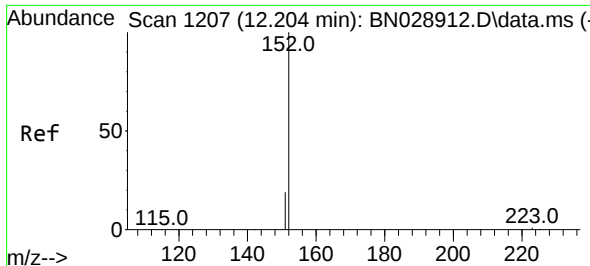
Tgt Ion:	136	Resp:	6886
Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.6	16.0
54	10.1	7.5	11.3
68	5.9	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN028982.D
Acq: 02 Dec 2023 13:25

Tgt Ion:	82	Resp:	2029
Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.2	43.8
54	59.0	47.0	70.6

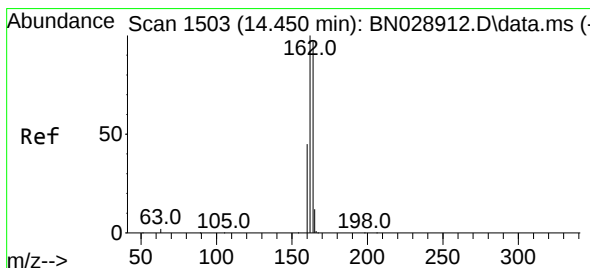
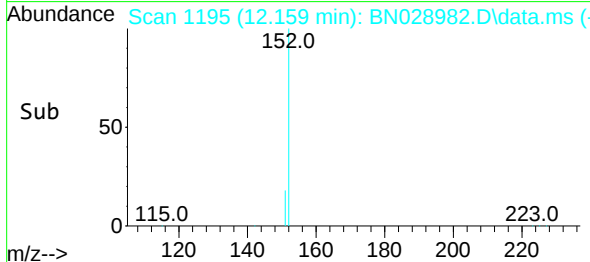
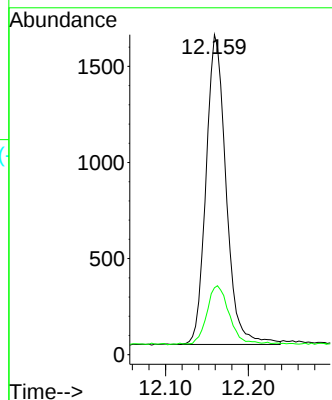
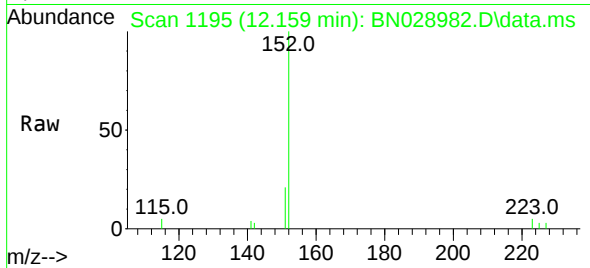




#11
2-Methylnaphthalene-d10
Concen: 0.245 ng
RT: 12.159 min Scan# 1195
Delta R.T. -0.011 min
Lab File: BN028982.D
Acq: 02 Dec 2023 13:25

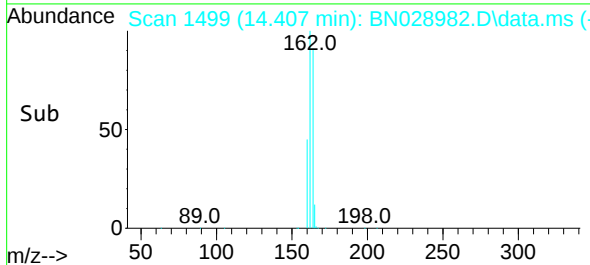
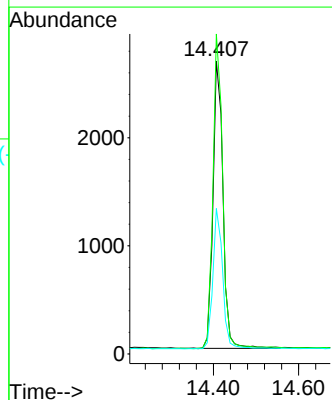
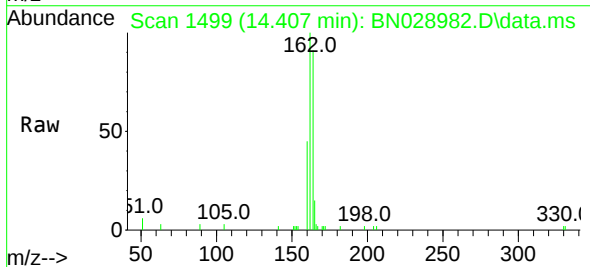
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D1-20231112

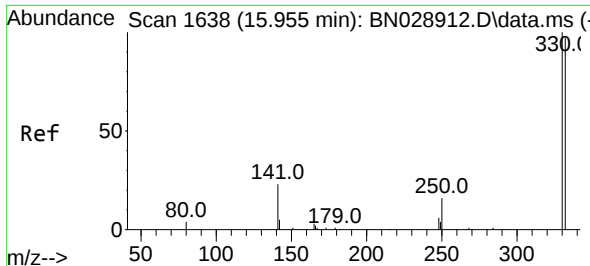
Tgt Ion:152 Resp: 2707
Ion Ratio Lower Upper
152 100
151 20.2 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.407 min Scan# 1499
Delta R.T. -0.011 min
Lab File: BN028982.D
Acq: 02 Dec 2023 13:25

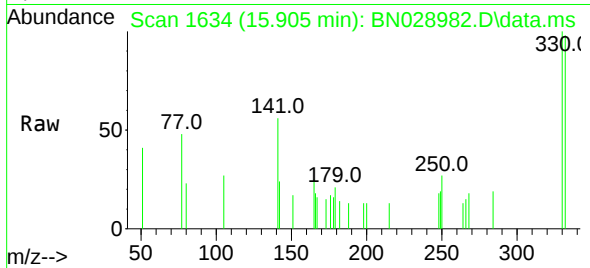
Tgt Ion:164 Resp: 4338
Ion Ratio Lower Upper
164 100
162 109.3 81.7 122.5
160 49.7 37.0 55.6



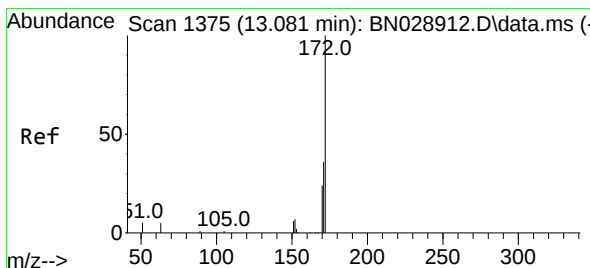
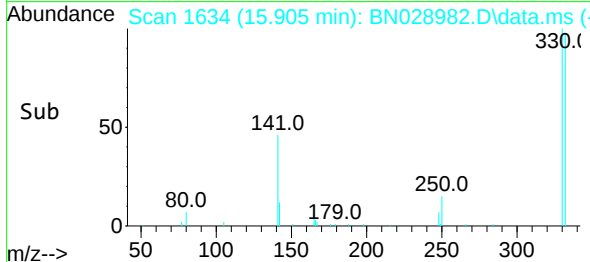
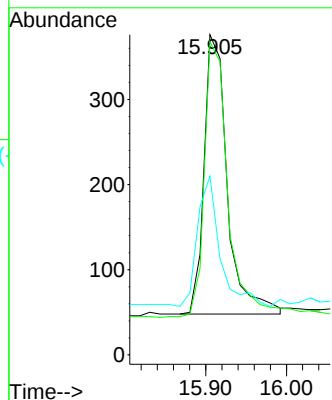


#14
2,4,6-Tribromophenol
Concen: 0.223 ng
RT: 15.905 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN028982.D
Acq: 02 Dec 2023 13:25

Instrument :
BNA_N
ClientSampleId :
RW9-MW01D1-20231112

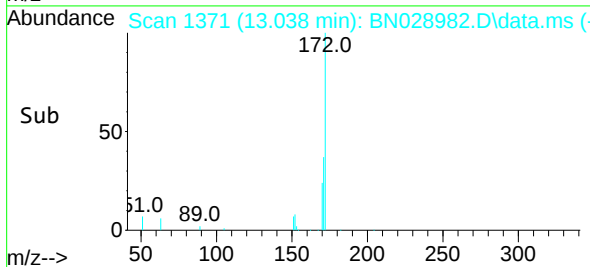
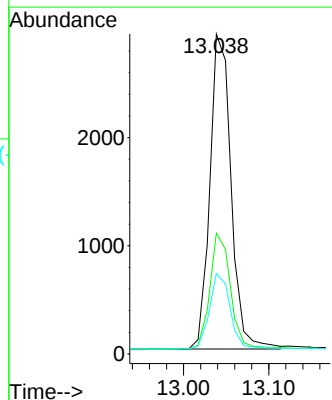
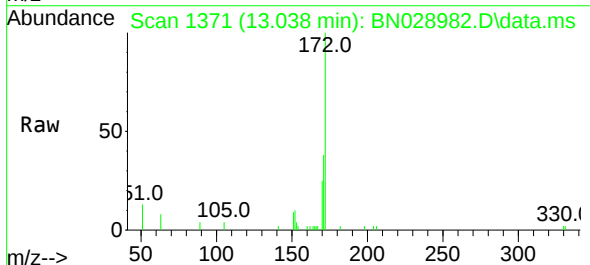


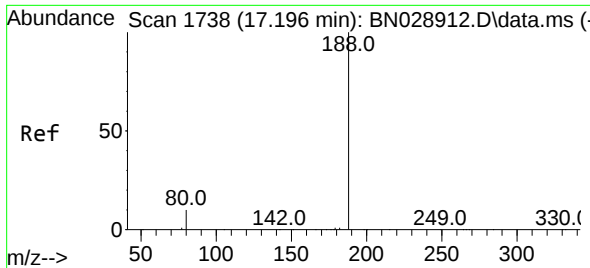
Tgt Ion:330 Resp: 655
Ion Ratio Lower Upper
330 100
332 102.0 75.4 113.2
141 45.2 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.268 ng
RT: 13.038 min Scan# 1371
Delta R.T. -0.011 min
Lab File: BN028982.D
Acq: 02 Dec 2023 13:25

Tgt Ion:172 Resp: 5019
Ion Ratio Lower Upper
172 100
171 37.8 29.0 43.4
170 25.2 19.7 29.5

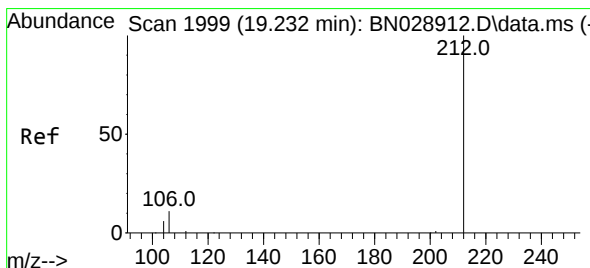
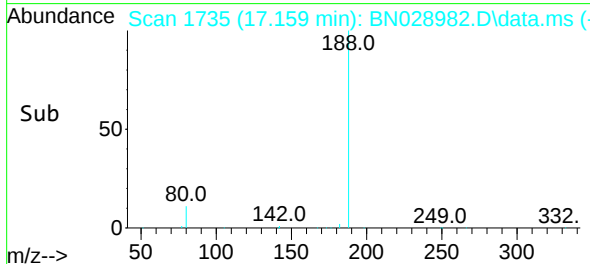
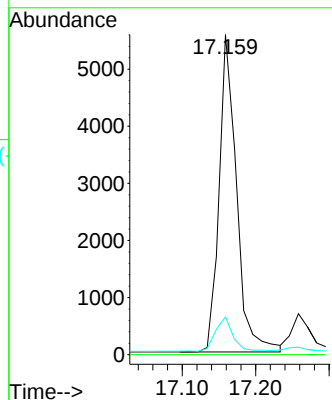
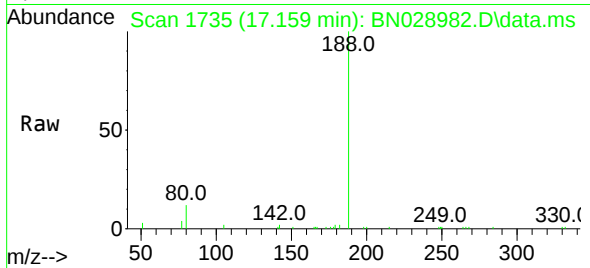




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.159 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN028982.D
Acq: 02 Dec 2023 13:25

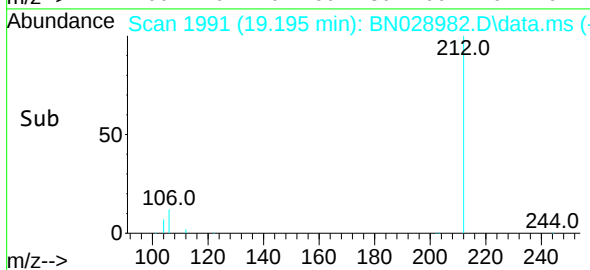
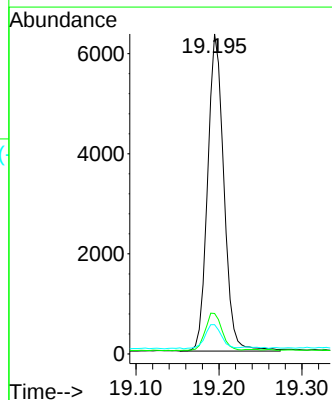
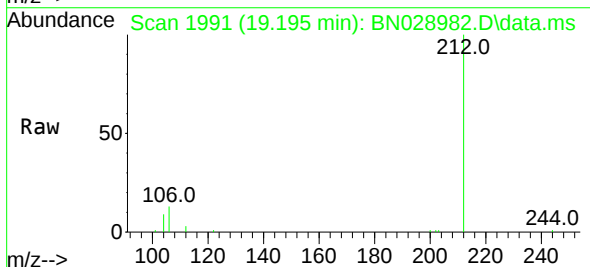
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D1-20231112

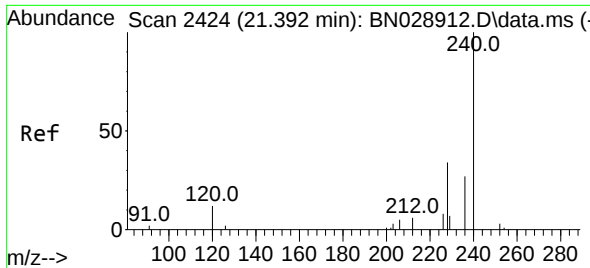
Tgt Ion:188 Resp: 9190
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 9.0 13.6



#27
Fluoranthene-d10
Concen: 0.358 ng
RT: 19.195 min Scan# 1991
Delta R.T. -0.014 min
Lab File: BN028982.D
Acq: 02 Dec 2023 13:25

Tgt Ion:212 Resp: 8652
Ion Ratio Lower Upper
212 100
106 12.4 9.4 14.2
104 7.9 6.2 9.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.356 min Scan# 2420

Delta R.T. -0.018 min

Lab File: BN028982.D

Acq: 02 Dec 2023 13:25

Instrument :

BNA_N

ClientSampleId :

RW9-MW01D1-20231112

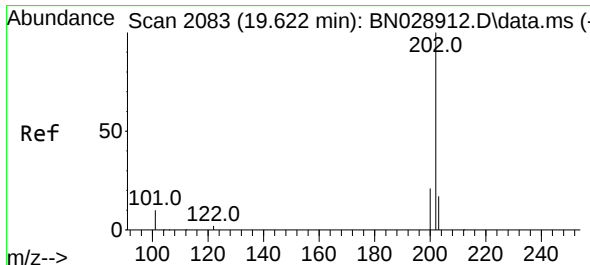
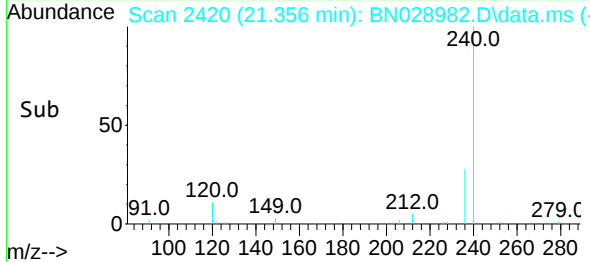
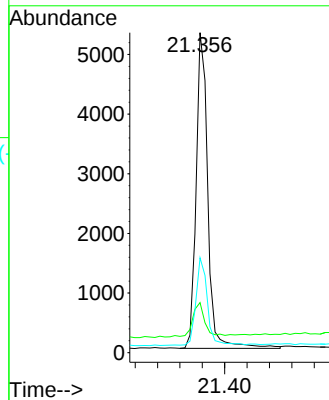
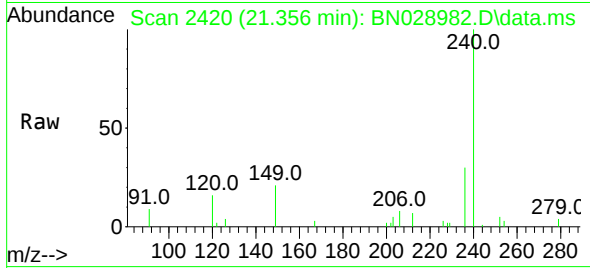
Tgt Ion:240 Resp: 7678

Ion Ratio Lower Upper

240 100

120 15.6 37.1 55.7#

236 29.6 32.4 48.6#



#30

Pyrene

Concen: 0.096 ng

RT: 19.594 min Scan# 2077

Delta R.T. -0.009 min

Lab File: BN028982.D

Acq: 02 Dec 2023 13:25

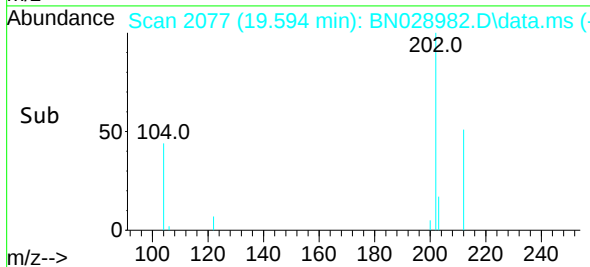
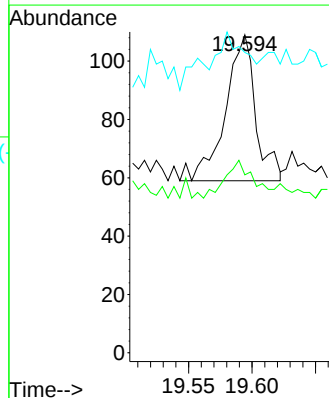
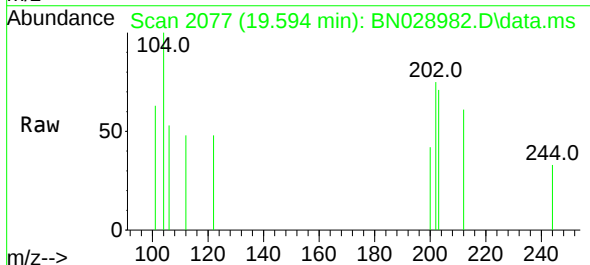
Tgt Ion:202 Resp: 83

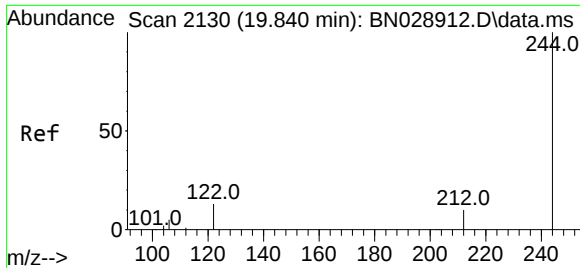
Ion Ratio Lower Upper

202 100

200 24.1 16.9 25.3

203 19.3 14.8 22.2

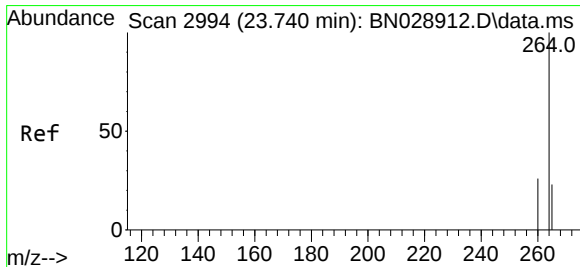
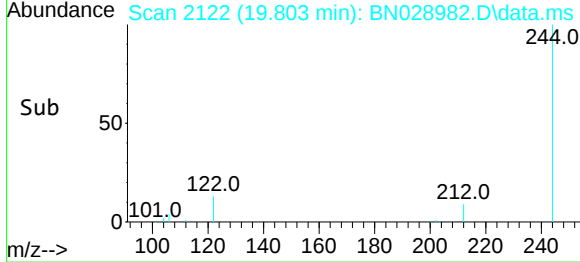
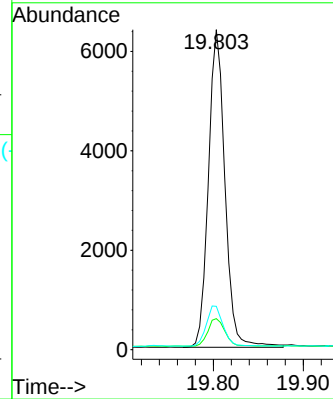
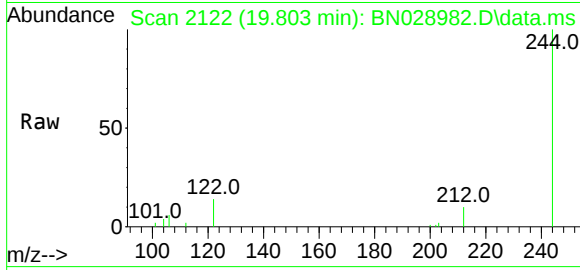




#31
Terphenyl-d14
Concen: 0.383 ng
RT: 19.803 min Scan# 2130
Delta R.T. -0.014 min
Lab File: BN028982.D
Acq: 02 Dec 2023 13:25

Instrument :
BNA_N
ClientSampleId :
RW9-MW01D1-20231112

Tgt Ion:244 Resp: 8169
Ion Ratio Lower Upper
244 100
212 9.7 11.5 17.3#
122 13.6 13.2 19.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.681 min Scan# 2974
Delta R.T. -0.026 min
Lab File: BN028982.D
Acq: 02 Dec 2023 13:25

Tgt Ion:264 Resp: 6989
Ion Ratio Lower Upper
264 100
260 27.1 20.6 30.8
265 79.0 464.5 696.7#

