

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028981.D
 Acq On : 02 Dec 2023 12:49
 Operator : MA/JU
 Sample : 05403-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01S-20231112

Quant Time: Dec 03 08:13:31 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)

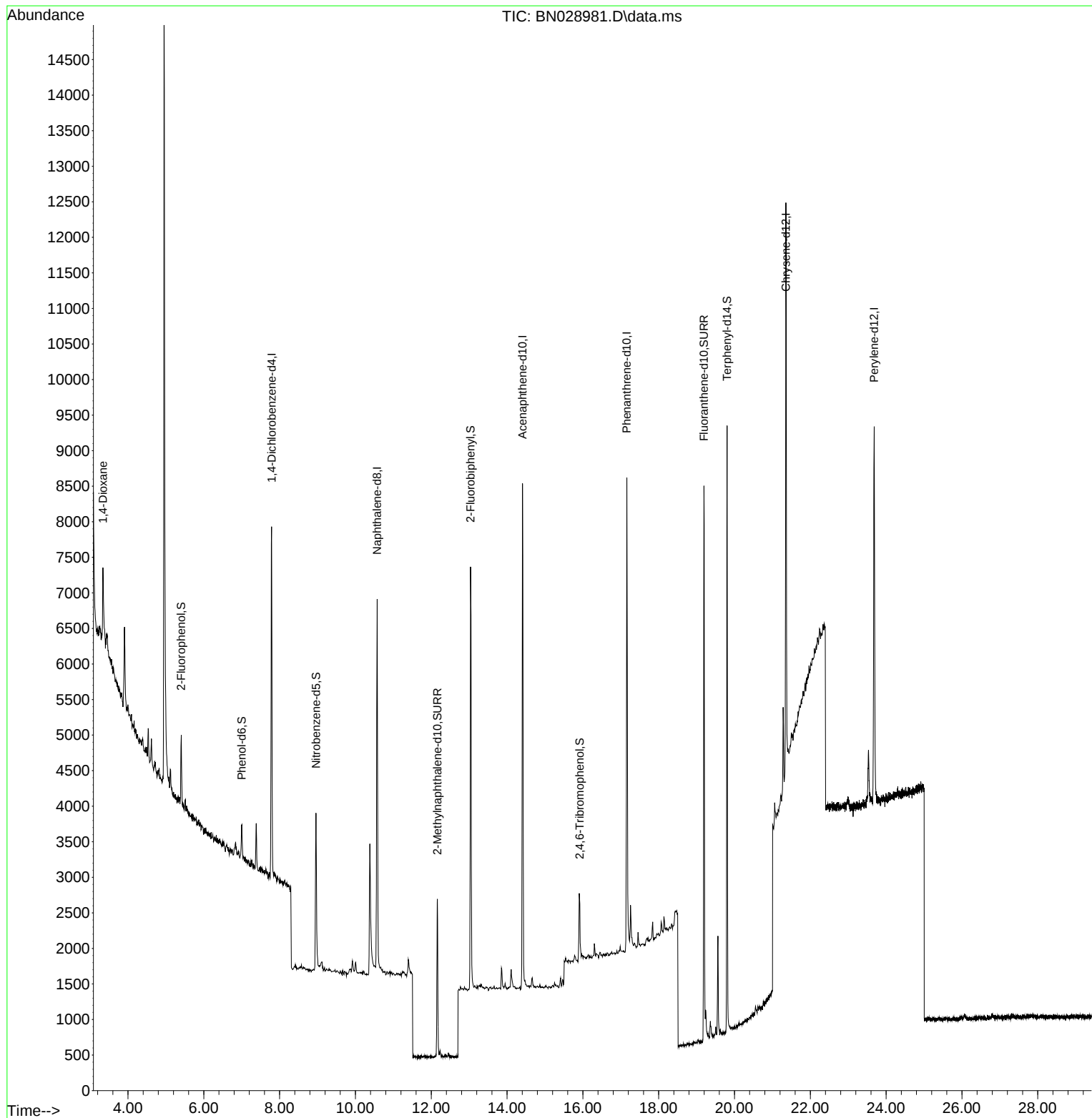
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	2413	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	6900	0.400	ng	#-0.01
13) Acenaphthene-d10	14.407	164	4356	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	9443	0.400	ng	-0.01
29) Chrysene-d12	21.356	240	7793	0.400	ng	#-0.02
35) Perylene-d12	23.684	264	7139	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	741	0.101	ng	0.00
5) Phenol-d6	7.002	99	441	0.054	ng	0.00
8) Nitrobenzene-d5	8.961	82	2063	0.301	ng	-0.01
11) 2-Methylnaphthalene-d10	12.163	152	3094	0.279	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	691	0.235	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	5452	0.290	ng	-0.01
27) Fluoranthene-d10	19.195	212	8912	0.359	ng	-0.01
31) Terphenyl-d14	19.803	244	8354	0.385	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.341	88	820	0.347	ng	Qvalue # 73

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

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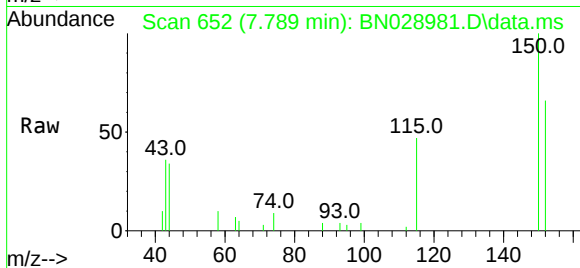
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration





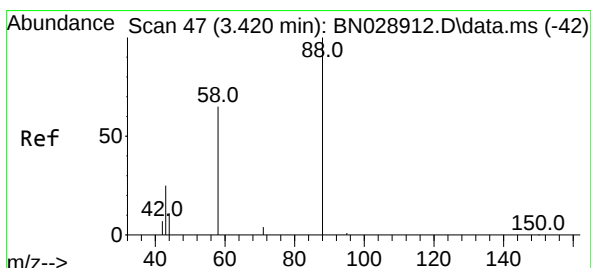
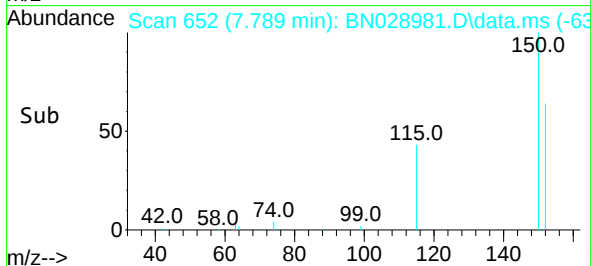
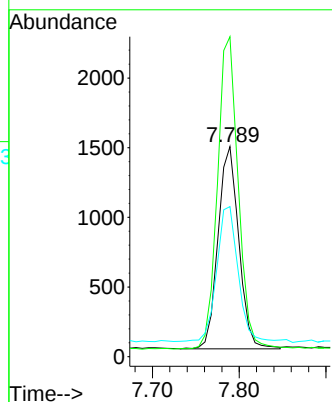
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.789 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN028981.D
 Acq: 02 Dec 2023 12:49

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01S-20231112



Tgt Ion:152 Resp: 2413

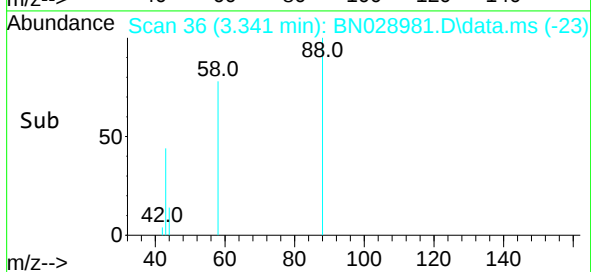
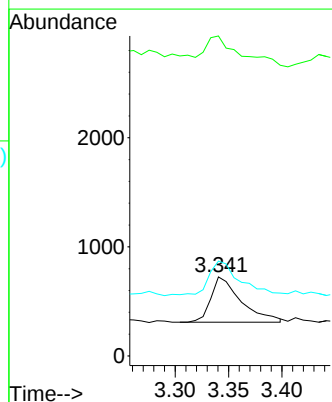
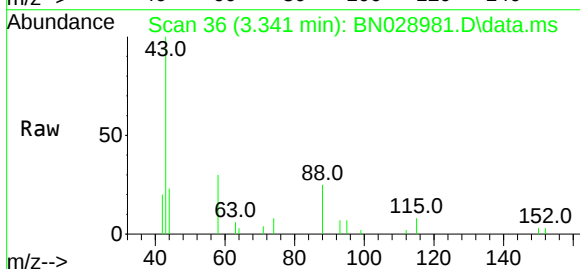
Ion	Ratio	Lower	Upper
152	100		
150	152.3	123.4	185.2
115	71.4	59.1	88.7



#2
 1,4-Dioxane
 Concen: 0.347 ng
 RT: 3.341 min Scan# 36
 Delta R.T. -0.007 min
 Lab File: BN028981.D
 Acq: 02 Dec 2023 12:49

Tgt Ion: 88 Resp: 820

Ion	Ratio	Lower	Upper
88	100		
43	69.0	29.9	44.9
58	79.5	55.0	82.4

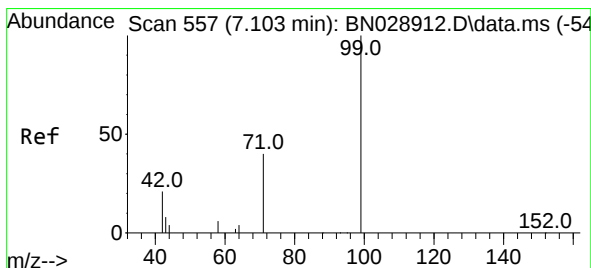
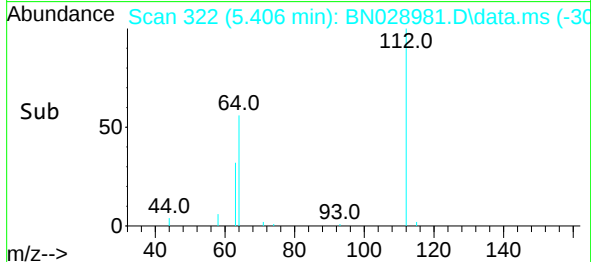
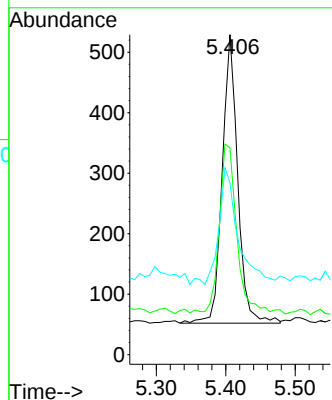
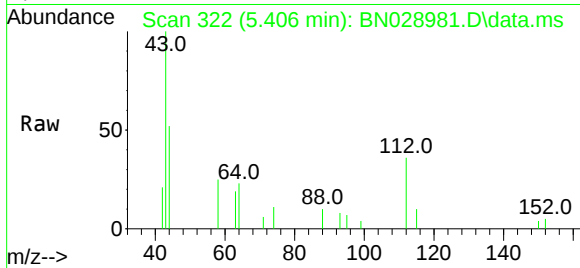




#4
2-Fluorophenol
Concen: 0.101 ng
RT: 5.406 min Scan# 311
Delta R.T. -0.007 min
Lab File: BN028981.D
Acq: 02 Dec 2023 12:49

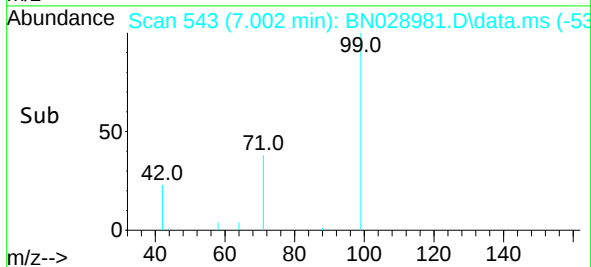
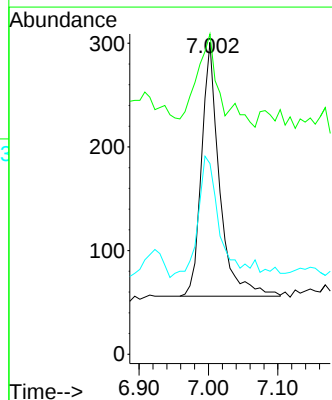
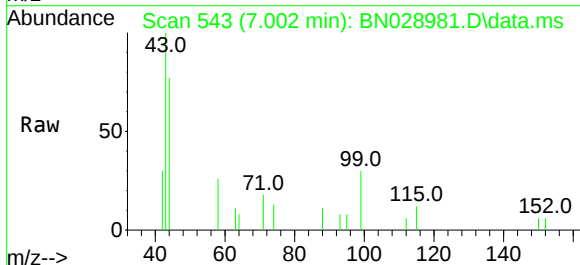
Instrument :
BNA_N
ClientSampleId :
RW9-MW01S-20231112

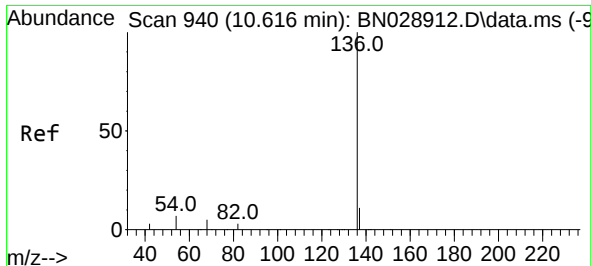
Tgt Ion:112 Resp: 741
Ion Ratio Lower Upper
112 100
64 67.1 51.5 77.3
63 43.2 30.4 45.6



#5
Phenol-d6
Concen: 0.054 ng
RT: 7.002 min Scan# 543
Delta R.T. -0.007 min
Lab File: BN028981.D
Acq: 02 Dec 2023 12:49

Tgt Ion: 99 Resp: 441
Ion Ratio Lower Upper
99 100
42 33.1 21.2 31.8#
71 48.8 35.4 53.0

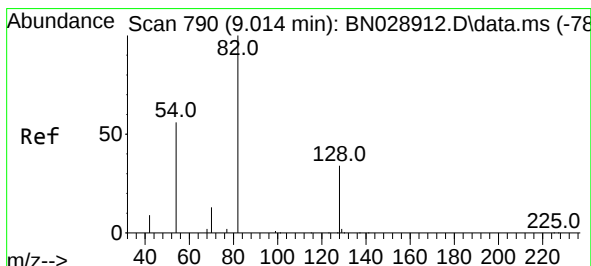
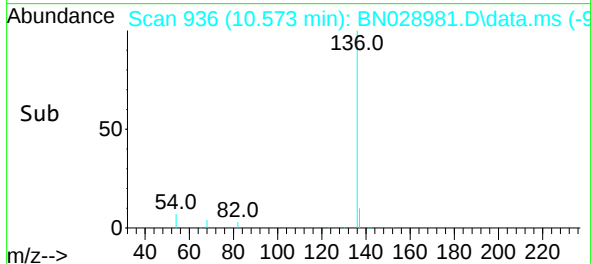
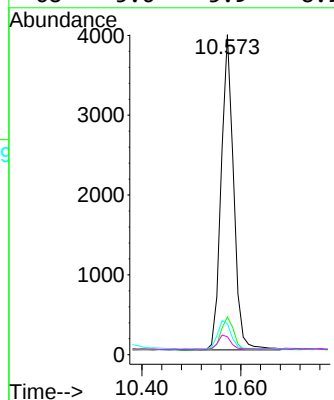
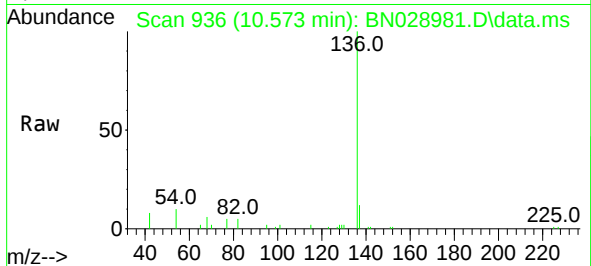




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN028981.D
Acq: 02 Dec 2023 12:49

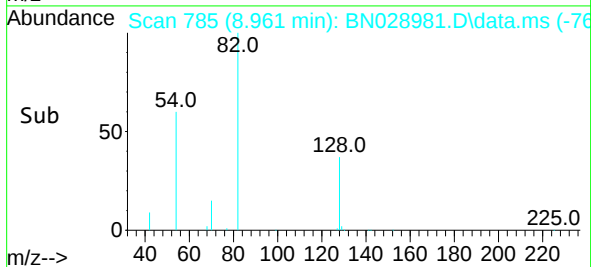
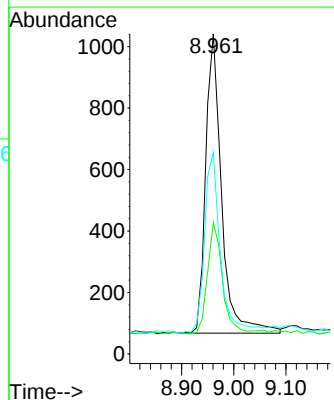
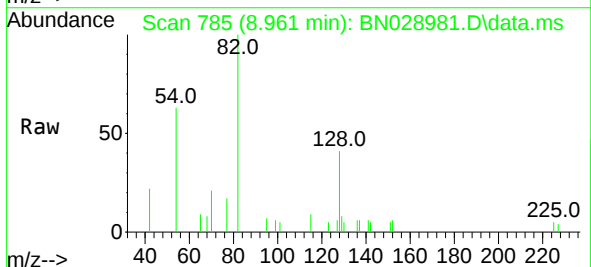
Instrument :
BNA_N
ClientSampleId :
RW9-MW01S-20231112

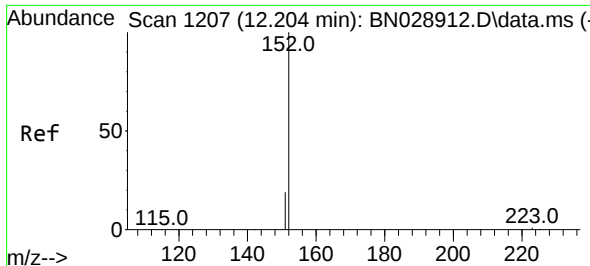
Tgt Ion:	136	Resp:	6900
Ion	Ratio	Lower	Upper
136	100		
137	11.8	10.6	16.0
54	9.7	7.5	11.3
68	5.6	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.301 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN028981.D
Acq: 02 Dec 2023 12:49

Tgt Ion:	82	Resp:	2063
Ion	Ratio	Lower	Upper
82	100		
128	41.1	29.2	43.8
54	63.0	47.0	70.6

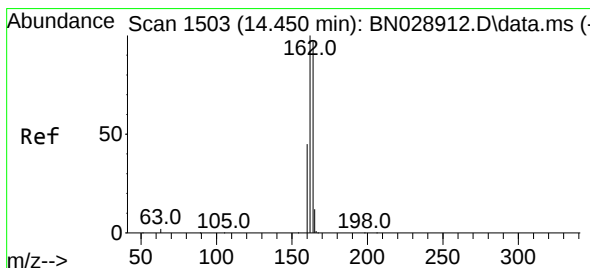
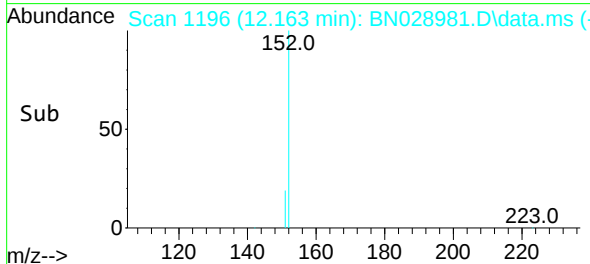
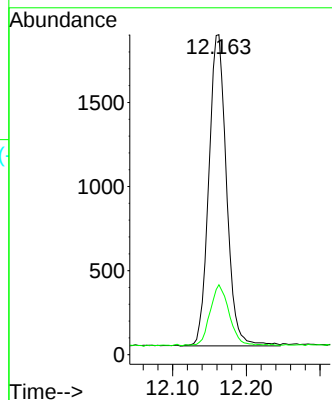
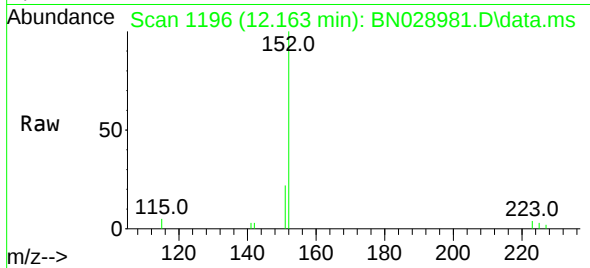




#11
2-Methylnaphthalene-d10
Concen: 0.279 ng
RT: 12.163 min Scan# 1119
Delta R.T. -0.008 min
Lab File: BN028981.D
Acq: 02 Dec 2023 12:49

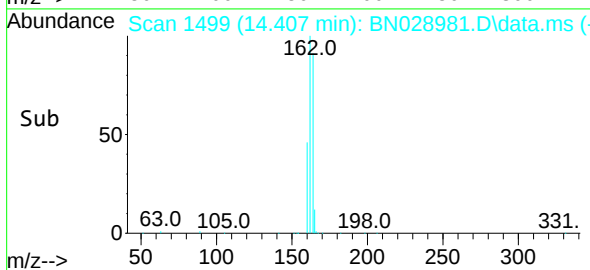
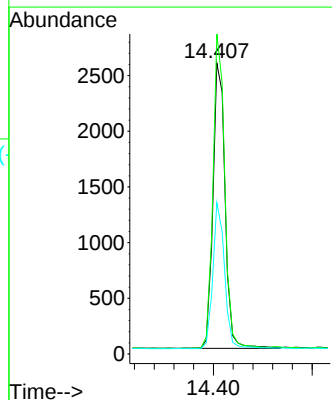
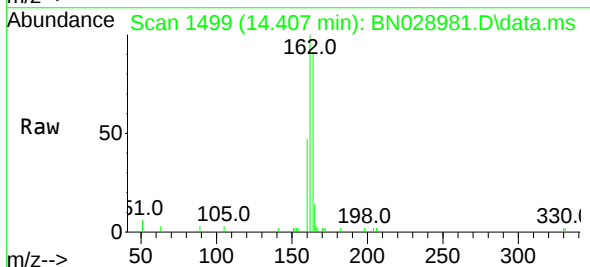
Instrument :
BNA_N
ClientSampleId :
RW9-MW01S-20231112

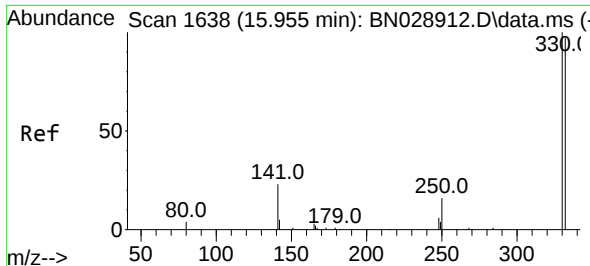
Tgt Ion:152 Resp: 3094
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.407 min Scan# 1499
Delta R.T. -0.011 min
Lab File: BN028981.D
Acq: 02 Dec 2023 12:49

Tgt Ion:164 Resp: 4356
Ion Ratio Lower Upper
164 100
162 110.0 81.7 122.5
160 52.0 37.0 55.6

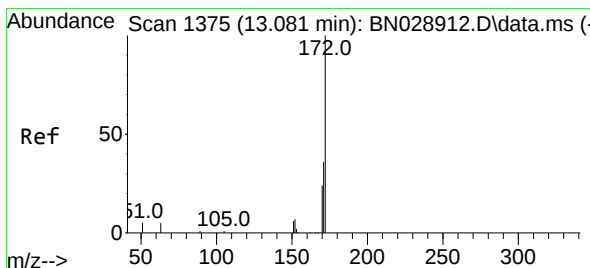
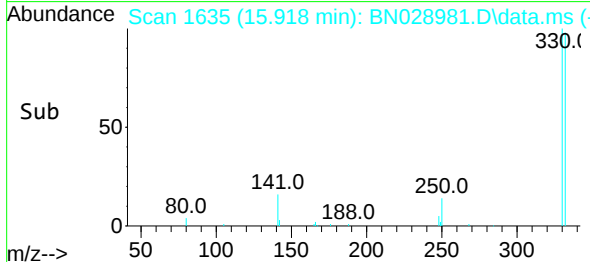
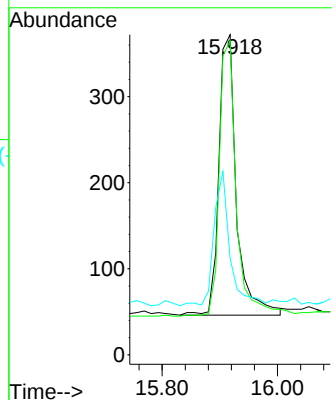
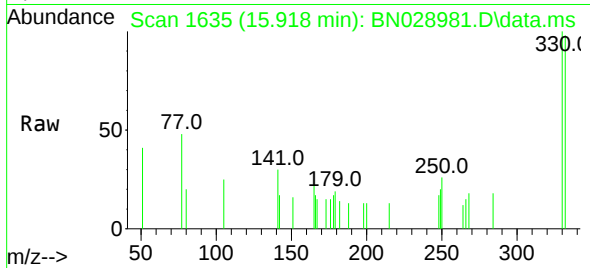




#14
2,4,6-Tribromophenol
Concen: 0.235 ng
RT: 15.918 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BN028981.D
Acq: 02 Dec 2023 12:49

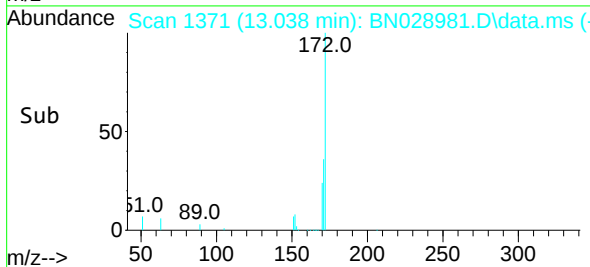
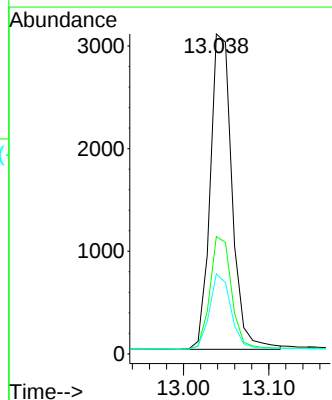
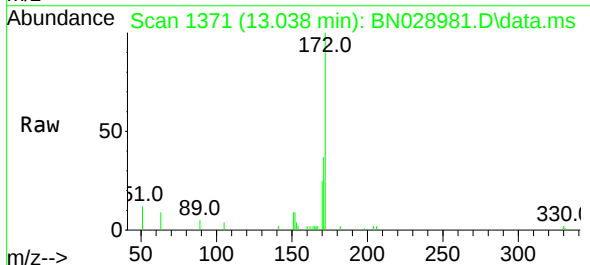
Instrument :
BNA_N
ClientSampleId :
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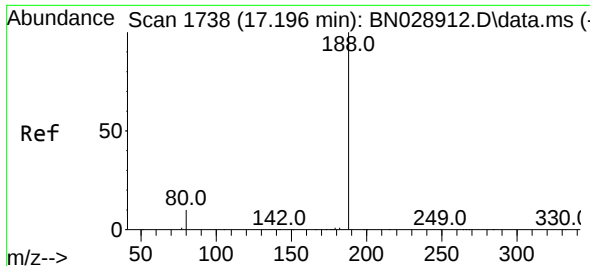
Tgt Ion:330 Resp: 691
Ion Ratio Lower Upper
330 100
332 93.8 75.4 113.2
141 43.3 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.290 ng
RT: 13.038 min Scan# 1371
Delta R.T. -0.011 min
Lab File: BN028981.D
Acq: 02 Dec 2023 12:49

Tgt Ion:172 Resp: 5452
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.4
170 25.0 19.7 29.5

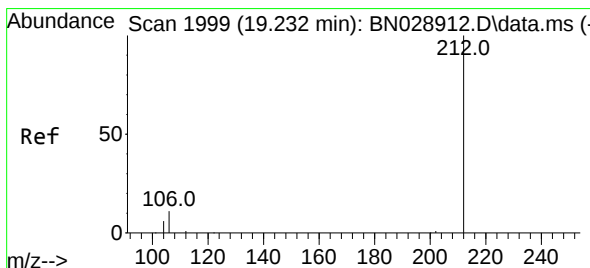
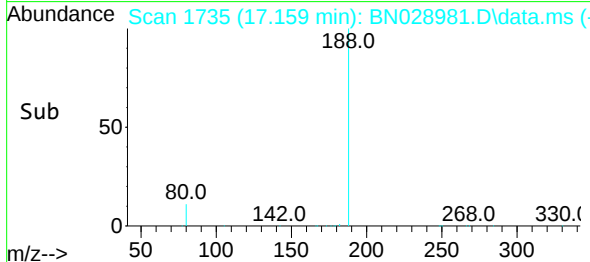
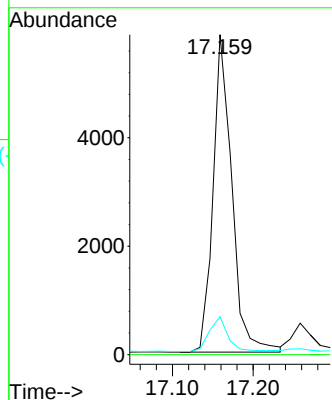
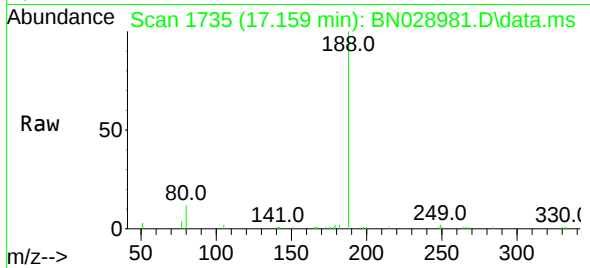




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.159 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN028981.D
Acq: 02 Dec 2023 12:49

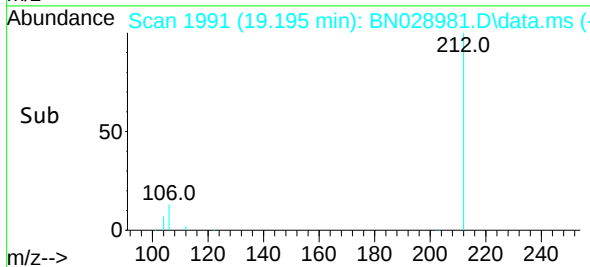
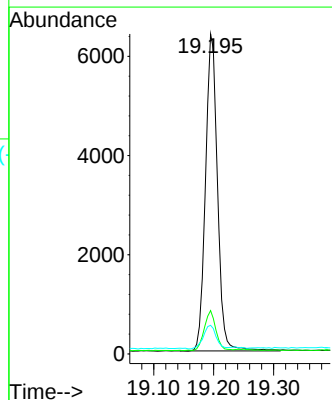
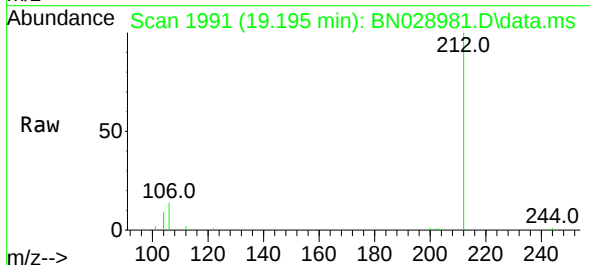
Instrument :
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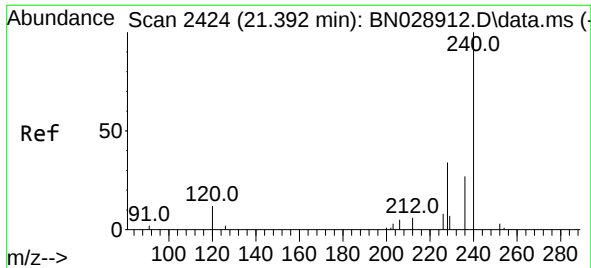
Tgt Ion:188 Resp: 9443
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 9.0 13.6



#27
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.195 min Scan# 1991
Delta R.T. -0.014 min
Lab File: BN028981.D
Acq: 02 Dec 2023 12:49

Tgt Ion:212 Resp: 8912
Ion Ratio Lower Upper
212 100
106 12.2 9.4 14.2
104 7.8 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: BN028981.D

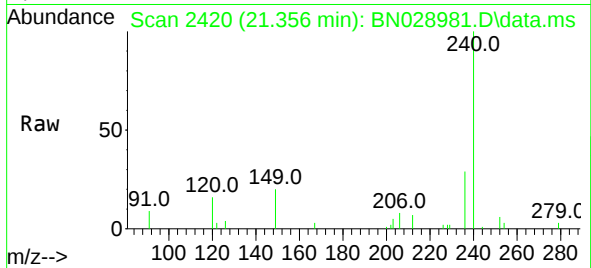
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Instrument :

BNA_N

ClientSampleId :

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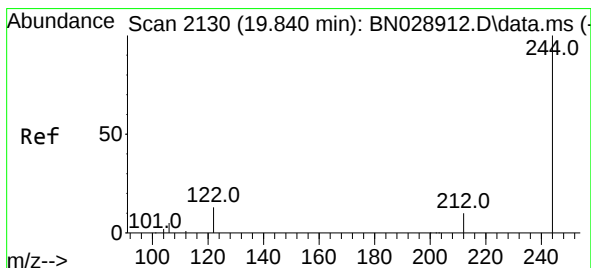
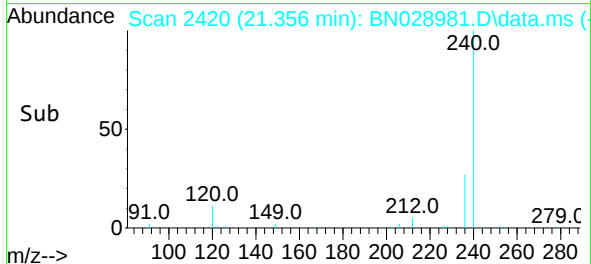
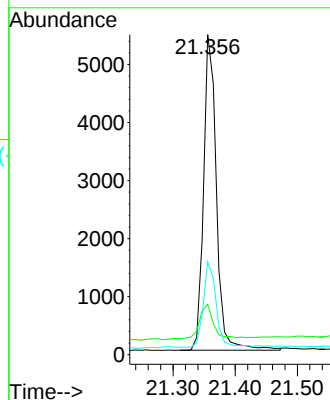
Tgt Ion:240 Resp: 7793

Ion Ratio Lower Upper

240 100

120 15.7 37.1 55.7#

236 29.1 32.4 48.6#



#31

Terphenyl-d14

Concen: 0.385 ng

RT: 19.803 min Scan# 2122

Delta R.T. -0.014 min

Lab File: BN028981.D

Acq: 02 Dec 2023 12:49

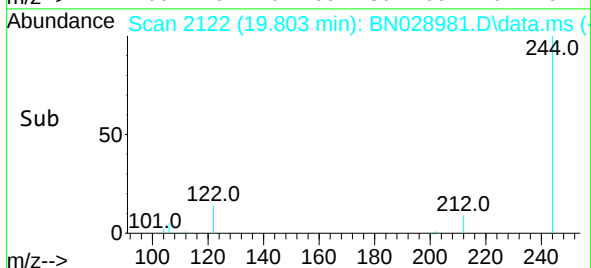
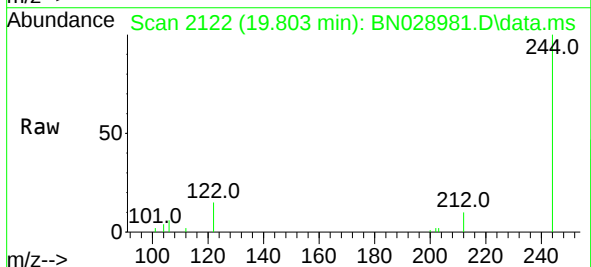
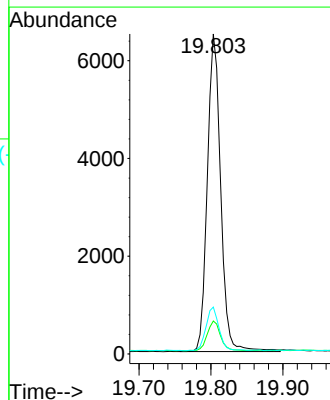
Tgt Ion:244 Resp: 8354

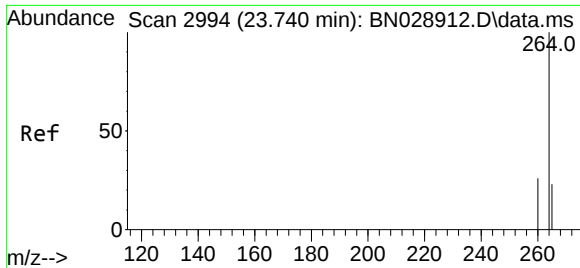
Ion Ratio Lower Upper

244 100

212 10.3 11.5 17.3#

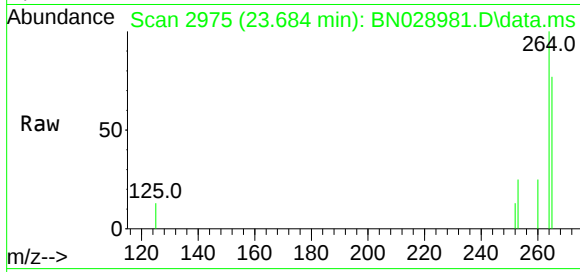
122 14.7 13.2 19.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.684 min Scan# 2994
 Delta R.T. -0.023 min
 Lab File: BN028981.D
 Acq: 02 Dec 2023 12:49

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01S-20231112



Tgt Ion:264 Resp: 7139

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.6	30.8
265	76.9	464.5	696.7#

