

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122823\
 Data File : BN029217.D
 Acq On : 28 Dec 2023 16:48
 Operator : MA/JU
 Sample : 05967-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COLTO

Quant Time: Dec 28 17:50:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 28 01:20:47 2023
 Response via : Initial Calibration

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

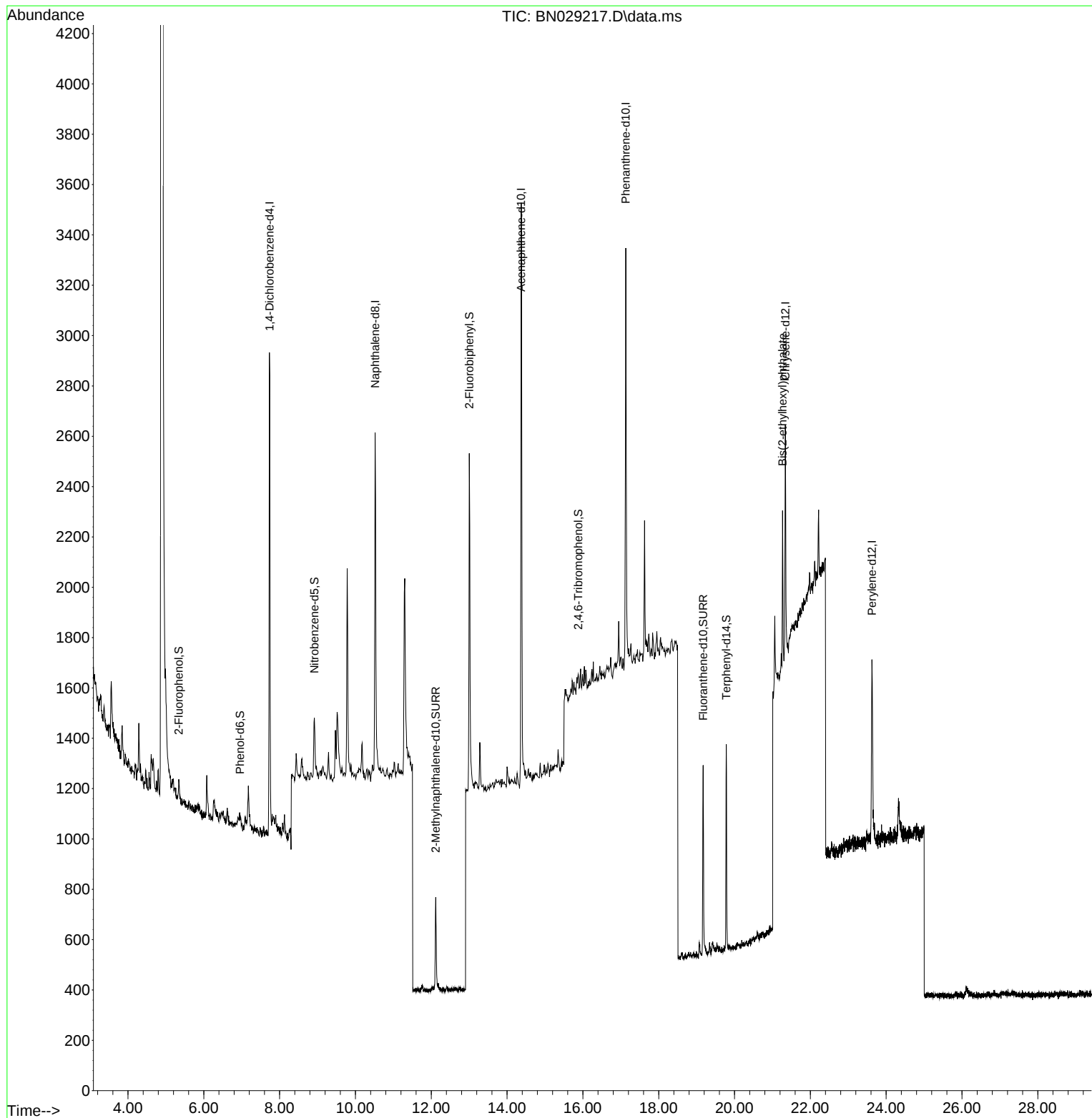
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	1023	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	2147	0.400	ng	0.00
13) Acenaphthene-d10	14.372	164	1398	0.400	ng	0.00
19) Phenanthrene-d10	17.131	188	2470	0.400	ng	0.00
29) Chrysene-d12	21.340	240	840	0.400	ng	0.00
35) Perylene-d12	23.625	264	979	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	74	0.031	ng	0.00
5) Phenol-d6	6.952	99	55	0.021	ng	0.01
8) Nitrobenzene-d5	8.918	82	348	0.129	ng	0.01
11) 2-Methylnaphthalene-d10	12.117	152	585	0.158	ng	0.00
14) 2,4,6-Tribromophenol	15.878	330	59	0.055	ng	0.00
15) 2-Fluorobiphenyl	13.004	172	1336	0.178	ng	0.00
27) Fluoranthene-d10	19.173	212	887	0.176	ng	0.00
31) Terphenyl-d14	19.782	244	682	0.262	ng	0.00
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.268	149	696	0.099	ng	Qvalue # 98

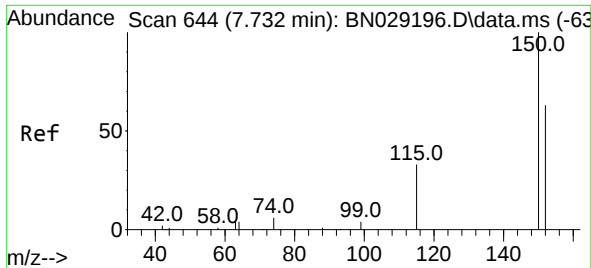
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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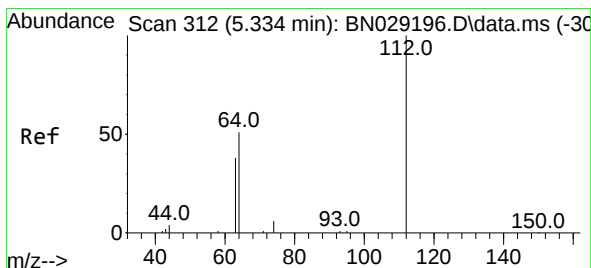
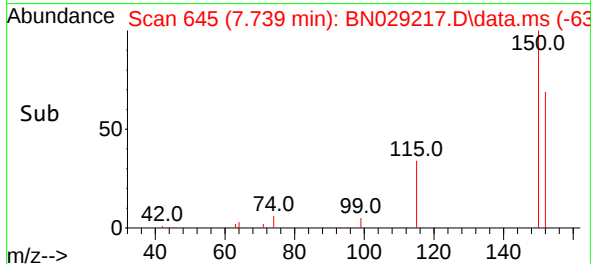
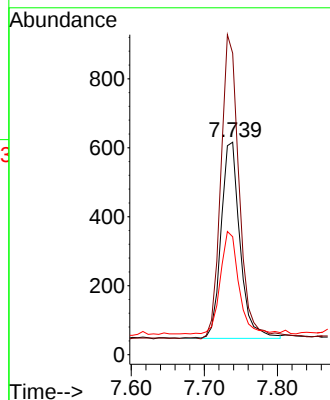
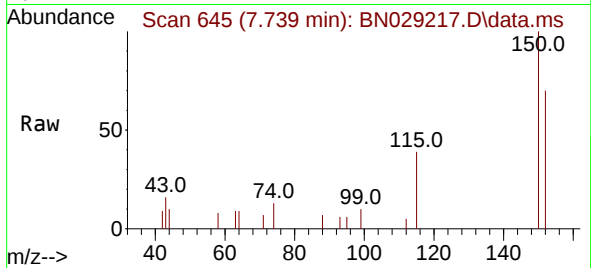




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.739 min Scan# 644
Delta R.T. 0.007 min
Lab File: BN029217.D
Acq: 28 Dec 2023 16:48

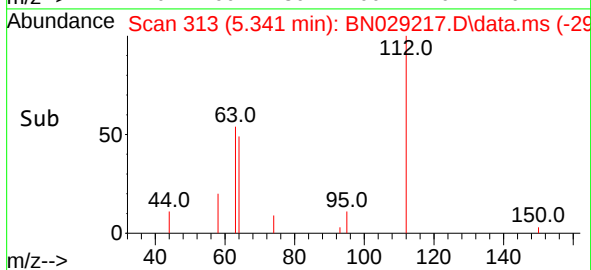
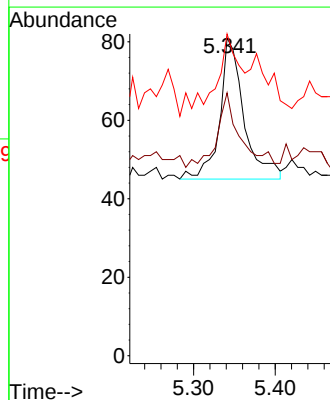
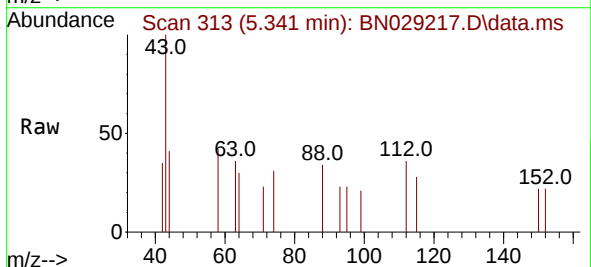
Instrument :
BNA_N
ClientSampleId :
COLT0

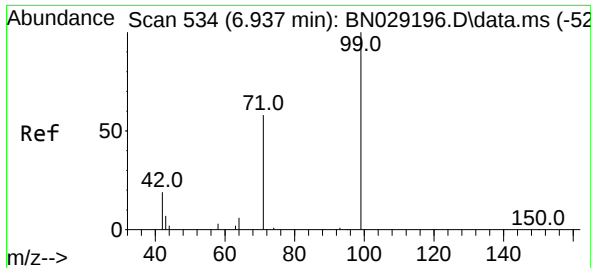
Tgt Ion:152 Resp: 1023
Ion Ratio Lower Upper
152 100
150 141.9 122.2 183.2
115 55.5 48.2 72.4



#4
2-Fluorophenol
Concen: 0.031 ng
RT: 5.341 min Scan# 313
Delta R.T. 0.007 min
Lab File: BN029217.D
Acq: 28 Dec 2023 16:48

Tgt Ion:112 Resp: 74
Ion Ratio Lower Upper
112 100
64 50.0 38.8 58.2
63 59.5 30.6 45.8#

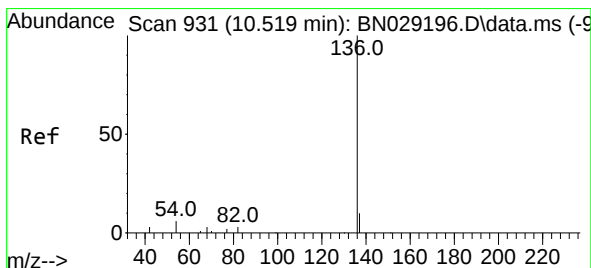
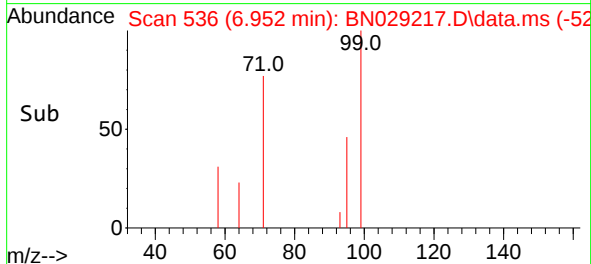
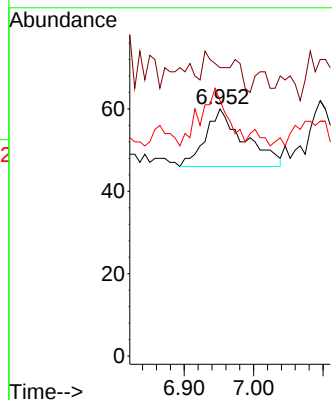
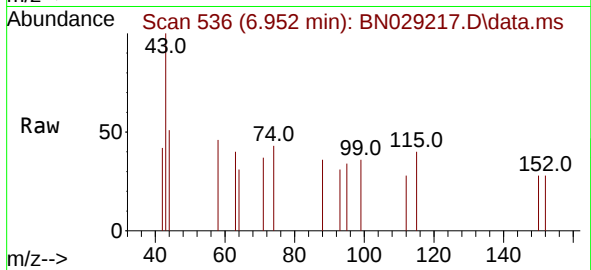




#5
Phenol-d6
Concen: 0.021 ng
RT: 6.952 min Scan# 51
Delta R.T. 0.014 min
Lab File: BN029217.D
Acq: 28 Dec 2023 16:48

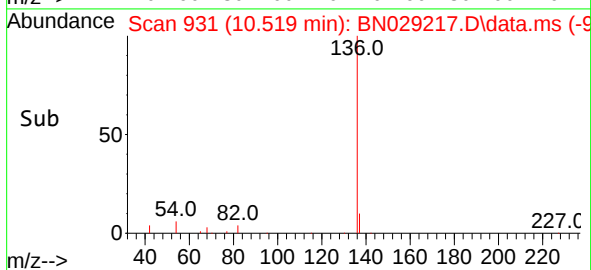
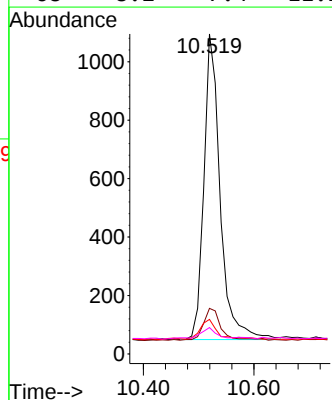
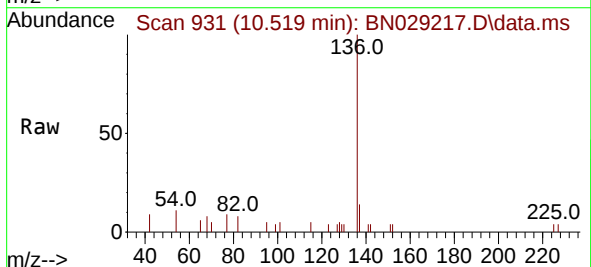
Instrument :
BNA_N
ClientSampleId :
COLT0

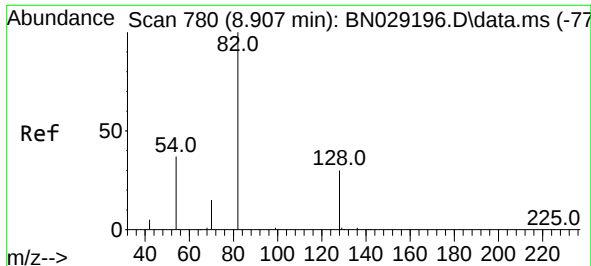
Tgt Ion: 99 Resp: 55
Ion Ratio Lower Upper
99 100
42 0.0 18.3 27.5#
71 67.3 48.6 73.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. 0.000 min
Lab File: BN029217.D
Acq: 28 Dec 2023 16:48

Tgt Ion: 136 Resp: 2147
Ion Ratio Lower Upper
136 100
137 14.2 13.0 19.4
54 10.8 9.8 14.6
68 8.2 7.4 11.2

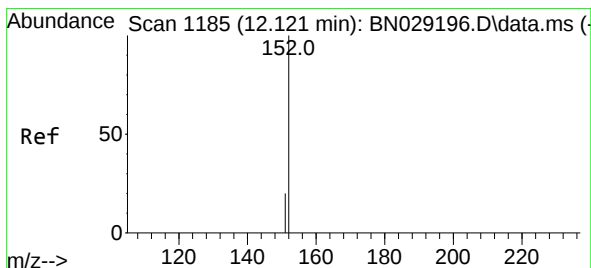
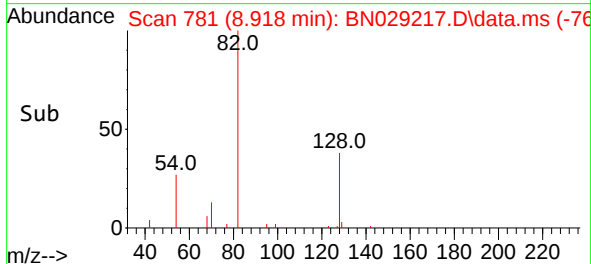
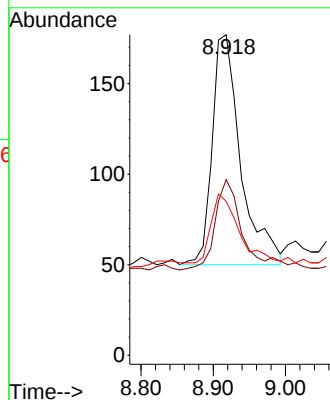
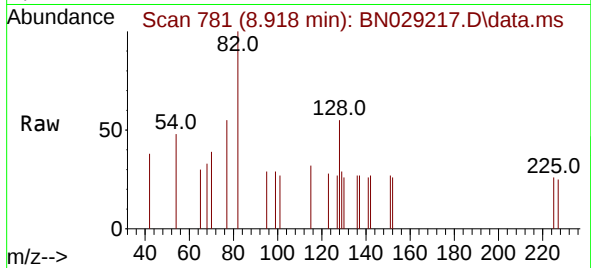




#8
 Nitrobenzene-d5
 Concen: 0.129 ng
 RT: 8.918 min Scan# 71
 Delta R.T. 0.011 min
 Lab File: BN029217.D
 Acq: 28 Dec 2023 16:48

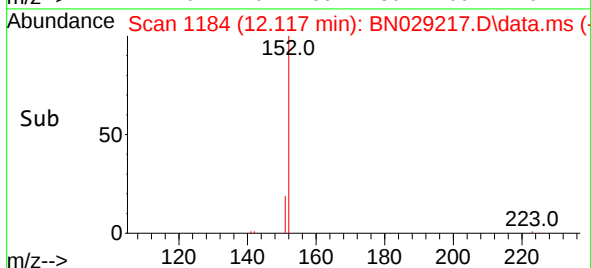
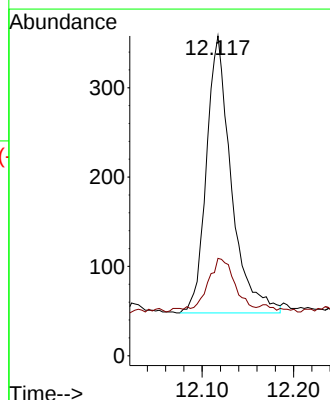
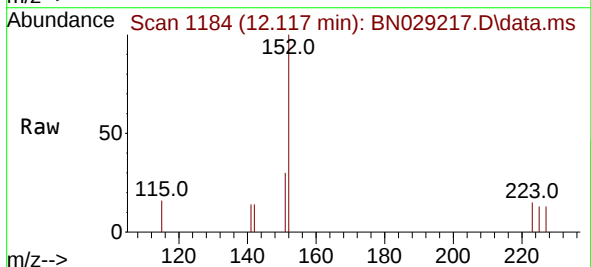
Instrument :
 BNA_N
 ClientSampleId :
 COLT0

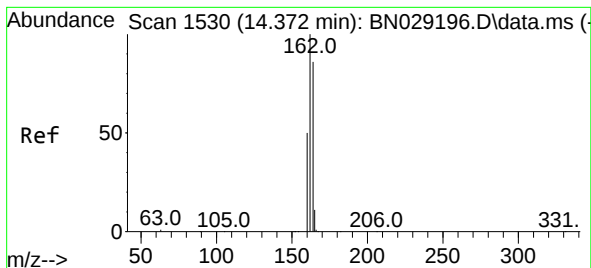
Tgt Ion: 82 Resp: 348
 Ion Ratio Lower Upper
 82 100
 128 54.8 34.2 51.2#
 54 48.0 38.8 58.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.158 ng
 RT: 12.117 min Scan# 1184
 Delta R.T. -0.004 min
 Lab File: BN029217.D
 Acq: 28 Dec 2023 16:48

Tgt Ion: 152 Resp: 585
 Ion Ratio Lower Upper
 152 100
 151 21.7 16.6 24.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.372 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BN029217.D

Acq: 28 Dec 2023 16:48

Instrument :

BNA_N

ClientSampleId :

COLTO

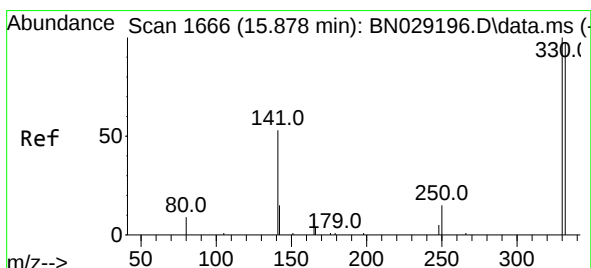
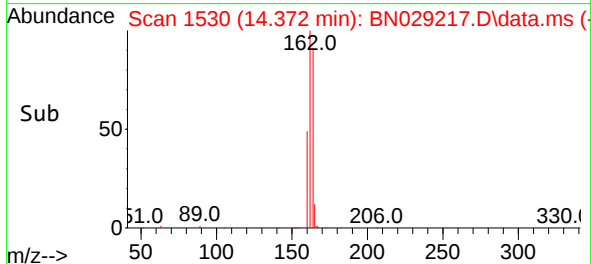
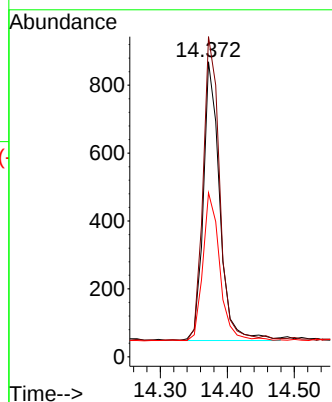
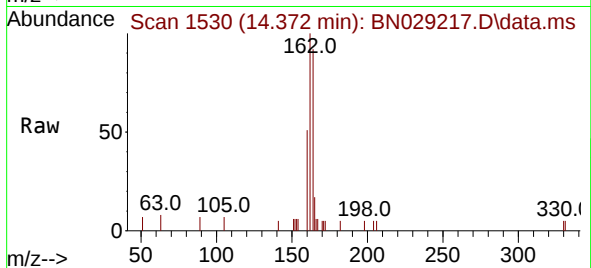
Tgt Ion:164 Resp: 1398

Ion Ratio Lower Upper

164 100

162 108.5 91.8 137.8

160 55.6 49.4 74.2



#14

2,4,6-Tribromophenol

Concen: 0.055 ng

RT: 15.878 min Scan# 1666

Delta R.T. -0.000 min

Lab File: BN029217.D

Acq: 28 Dec 2023 16:48

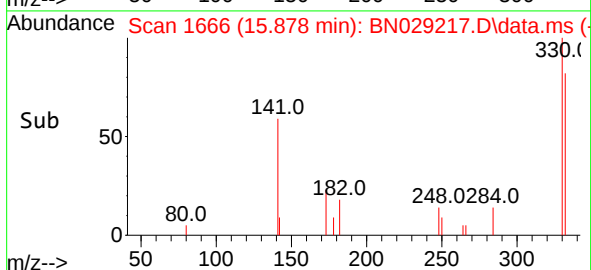
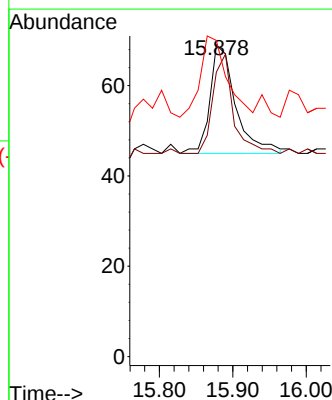
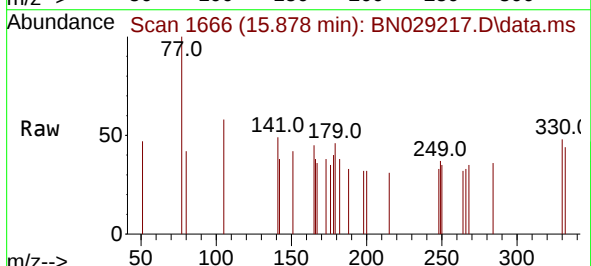
Tgt Ion:330 Resp: 59

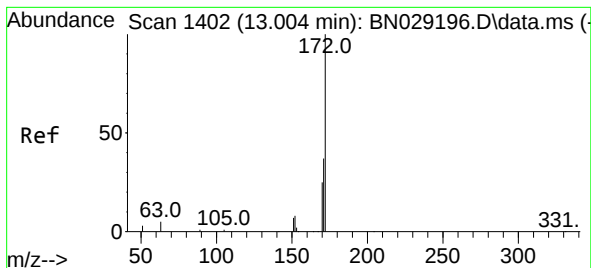
Ion Ratio Lower Upper

330 100

332 71.2 74.4 111.6#

141 0.0 46.7 70.1#

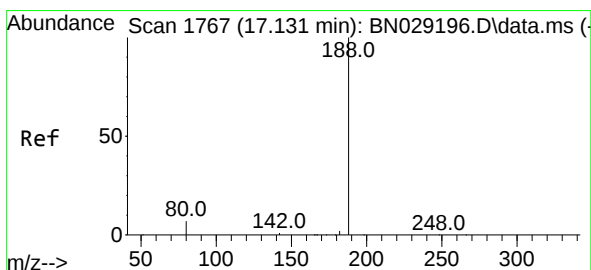
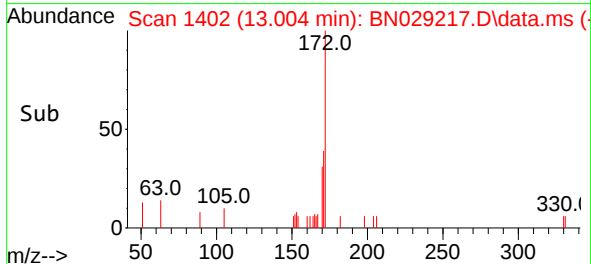
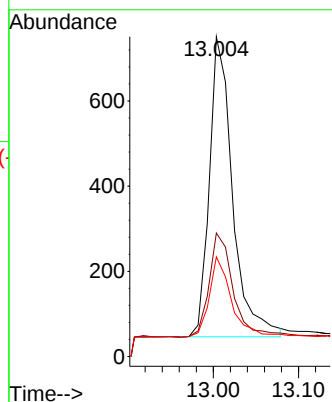
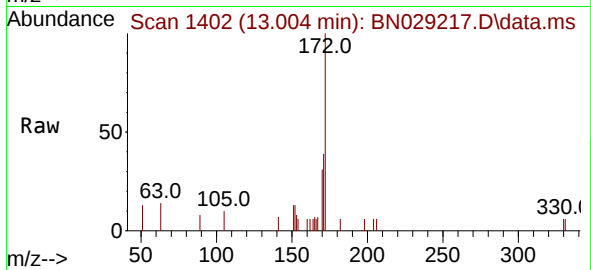




#15
2-Fluorobiphenyl
Concen: 0.178 ng
RT: 13.004 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BN029217.D
Acq: 28 Dec 2023 16:48

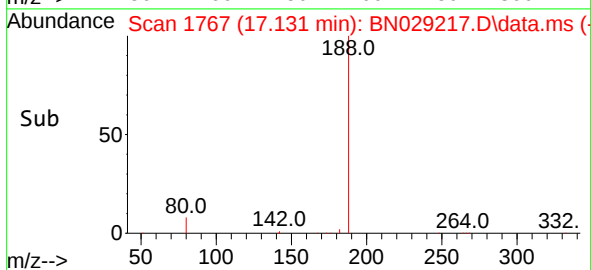
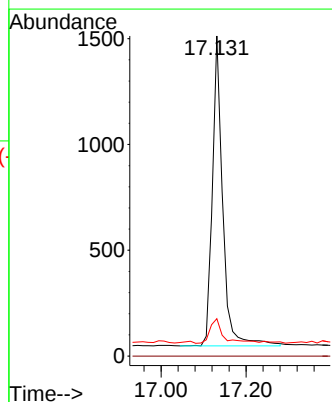
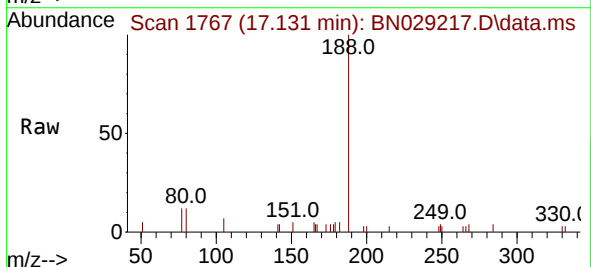
Instrument :
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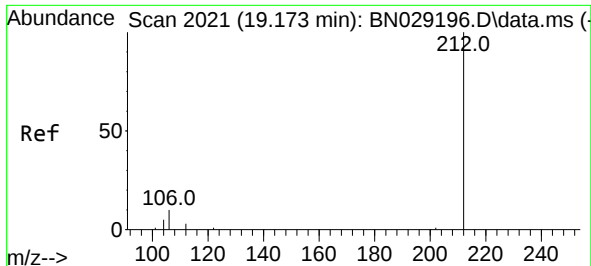
Tgt Ion:172 Resp: 1336
Ion Ratio Lower Upper
172 100
171 38.6 32.8 49.2
170 31.2 24.0 36.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.131 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BN029217.D
Acq: 28 Dec 2023 16:48

Tgt Ion:188 Resp: 2470
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 8.8 13.2

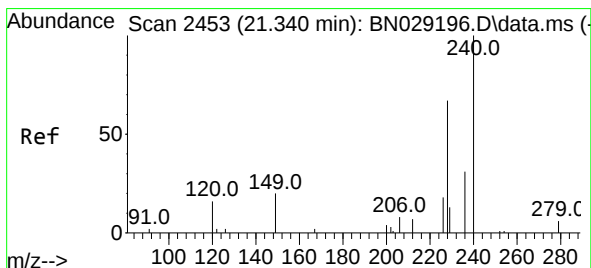
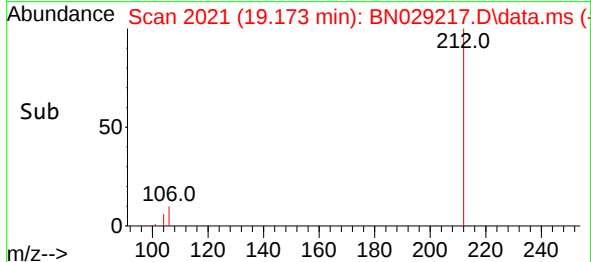
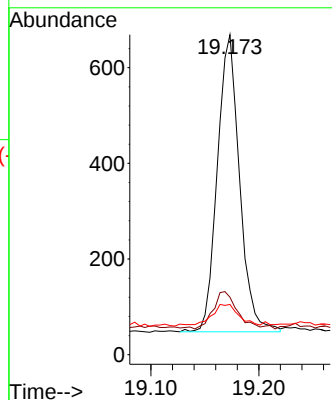
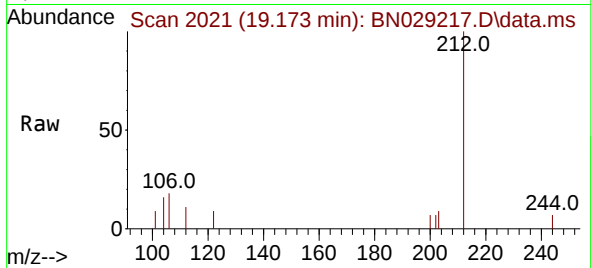




#27
Fluoranthene-d10
Concen: 0.176 ng
RT: 19.173 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BN029217.D
Acq: 28 Dec 2023 16:48

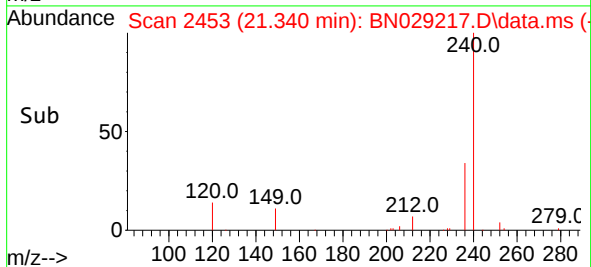
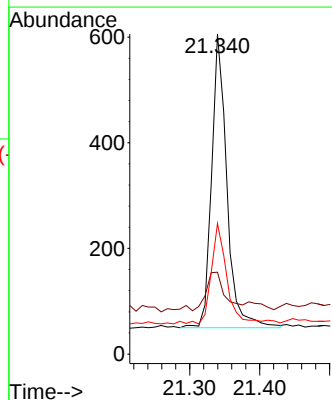
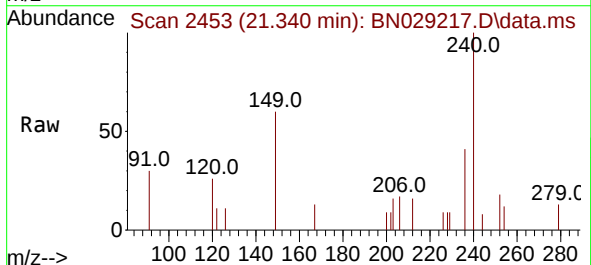
Instrument :
BNA_N
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COLTO

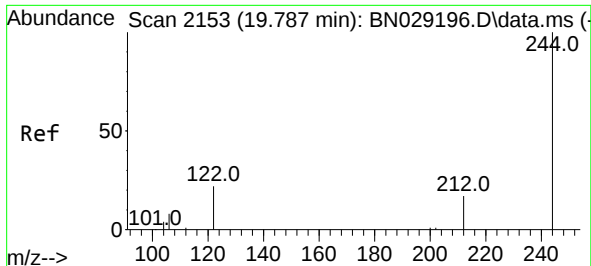
Tgt Ion:212 Resp: 887
Ion Ratio Lower Upper
212 100
106 13.8 9.7 14.5
104 9.0 6.3 9.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2453
Delta R.T. -0.000 min
Lab File: BN029217.D
Acq: 28 Dec 2023 16:48

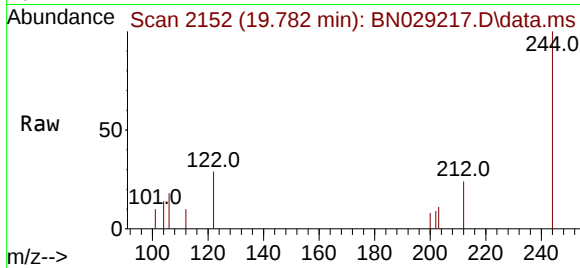
Tgt Ion:240 Resp: 840
Ion Ratio Lower Upper
240 100
120 25.6 24.6 36.8
236 40.8 32.0 48.0





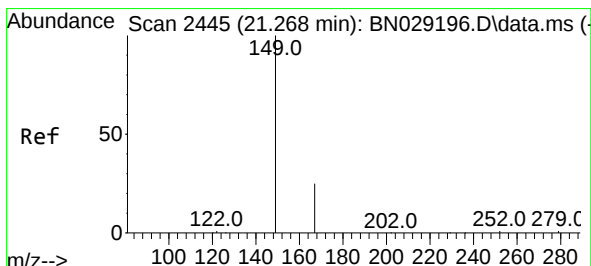
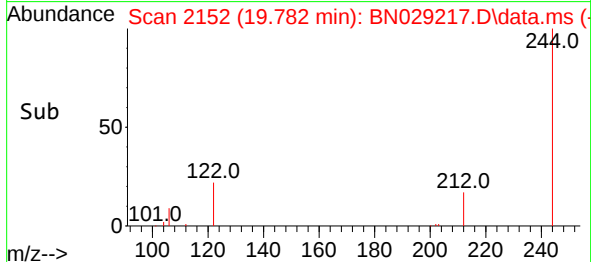
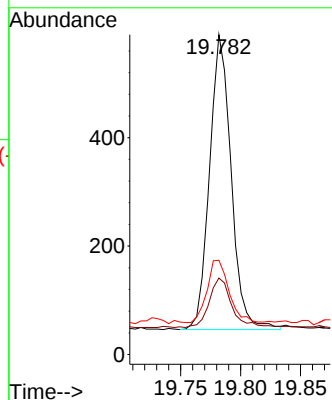
#31
 Terphenyl-d14
 Concen: 0.262 ng
 RT: 19.782 min Scan# 2152
 Delta R.T. -0.005 min
 Lab File: BN029217.D
 Acq: 28 Dec 2023 16:48

Instrument :
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Tgt Ion:244 Resp: 682

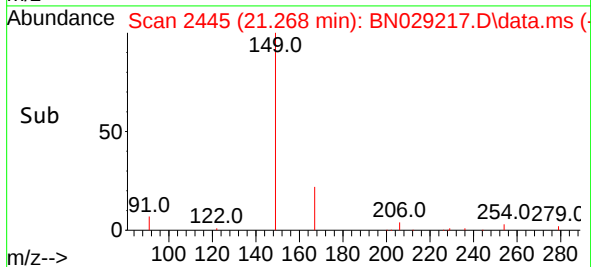
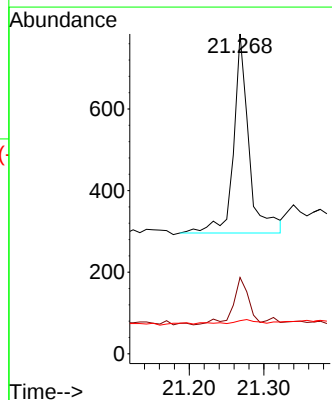
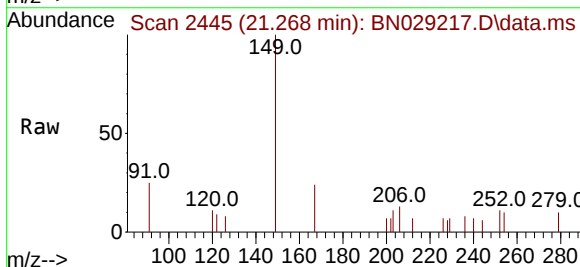
Ion	Ratio	Lower	Upper
244	100		
212	23.9	20.1	30.1
122	29.5	23.9	35.9

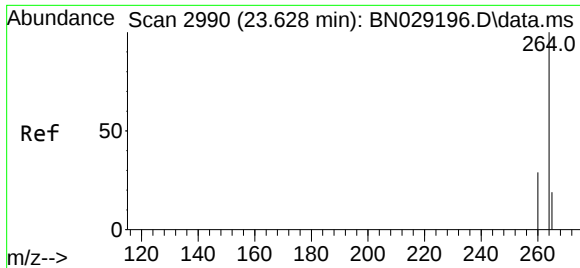


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.099 ng
 RT: 21.268 min Scan# 2445
 Delta R.T. 0.000 min
 Lab File: BN029217.D
 Acq: 28 Dec 2023 16:48

Tgt Ion:149 Resp: 696

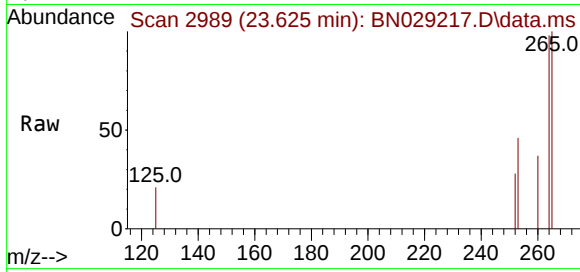
Ion	Ratio	Lower	Upper
149	100		
167	25.1	20.7	31.1
279	2.3	2.4	3.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.625 min Scan# 2990
 Delta R.T. -0.003 min
 Lab File: BN029217.D
 Acq: 28 Dec 2023 16:48

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:264 Resp: 979

Ion	Ratio	Lower	Upper
264	100		
260	37.7	30.2	45.4
265	101.6	88.1	132.1

