

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012324\
 Data File : BN029370.D
 Acq On : 24 Jan 2024 06:00
 Operator : MA/JU
 Sample : P1186-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-191-GW-278-280

Quant Time: Jan 24 06:27:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 02:16:14 2024
 Response via : Initial Calibration

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

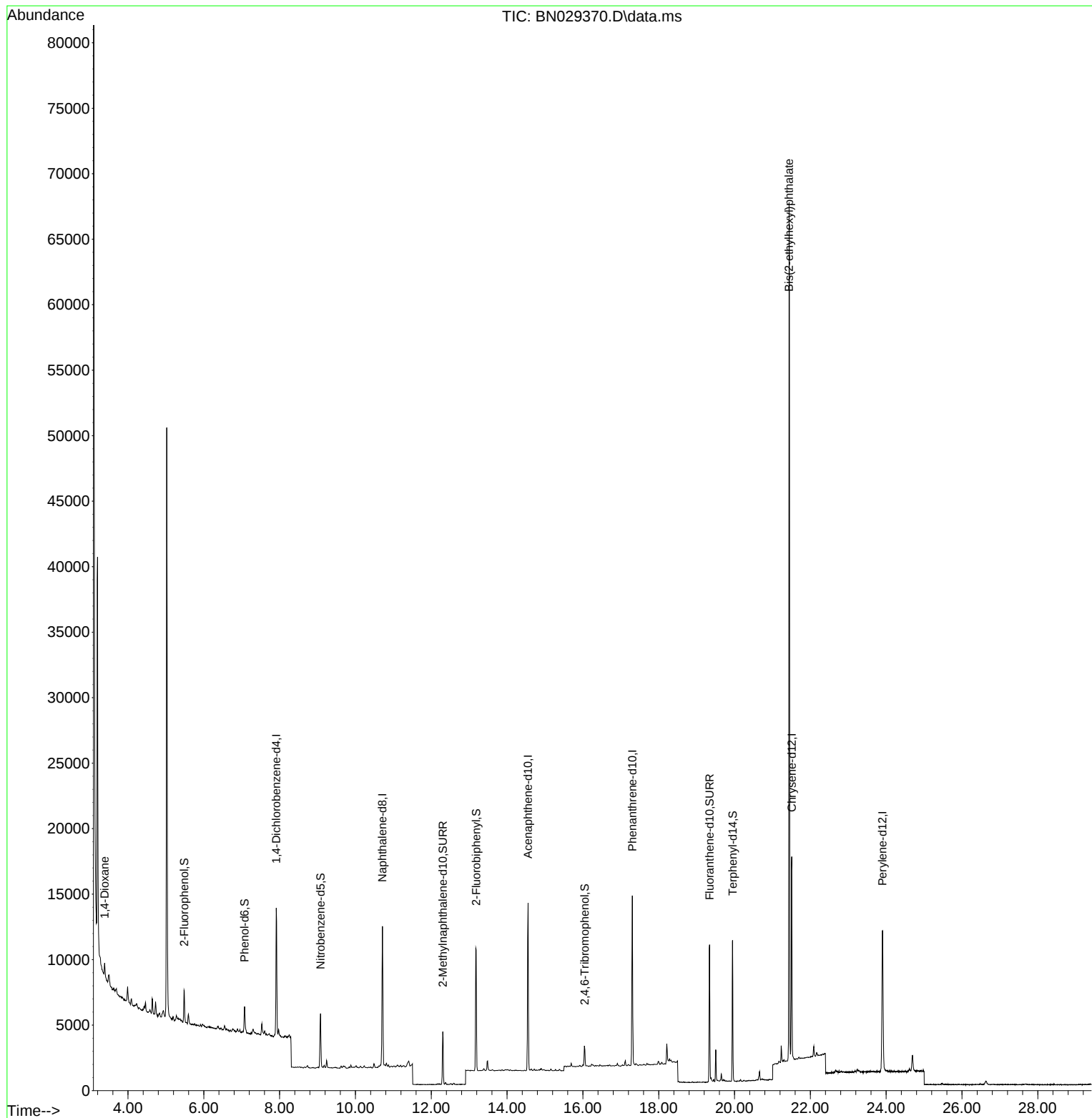
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	4684	0.400	ng	0.00
7) Naphthalene-d8	10.712	136	13455	0.400	ng	0.00
13) Acenaphthene-d10	14.554	164	7184	0.400	ng	0.00
19) Phenanthrene-d10	17.305	188	16409	0.400	ng	0.00
29) Chrysene-d12	21.510	240	14627	0.400	ng	0.00
35) Perylene-d12	23.905	264	15411	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.485	112	1967	0.158	ng	0.00
5) Phenol-d6	7.074	99	1712	0.103	ng	0.00
8) Nitrobenzene-d5	9.078	82	3446	0.242	ng	0.00
11) 2-Methylnaphthalene-d10	12.306	152	5391	0.242	ng	0.00
14) 2,4,6-Tribromophenol	16.051	330	898	0.240	ng	0.00
15) 2-Fluorobiphenyl	13.185	172	8757	0.253	ng	0.00
27) Fluoranthene-d10	19.341	212	11289	0.232	ng	0.00
31) Terphenyl-d14	19.949	244	9889	0.264	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.384	88	694	0.114	ng	Qvalue # 39
34) Bis(2-ethylhexyl)phtha...	21.438	149	65411	1.946	ng	100

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

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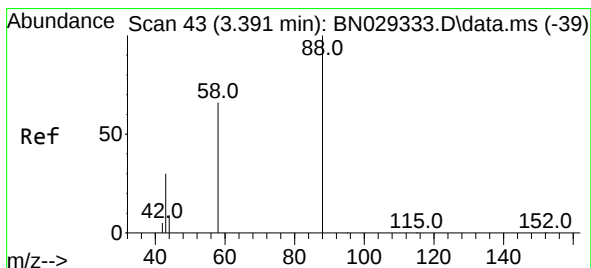
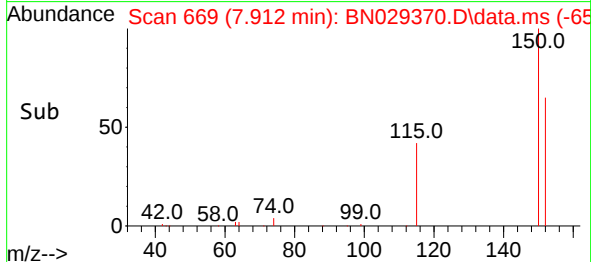
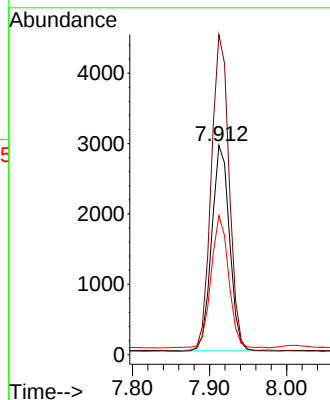
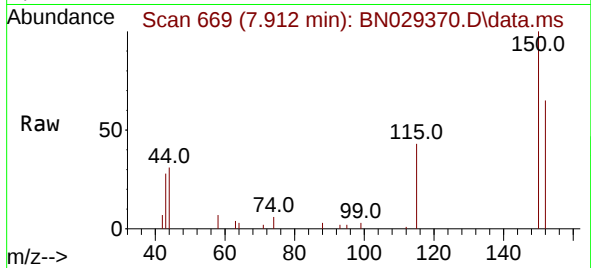




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.912 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN029370.D
 Acq: 24 Jan 2024 06:00

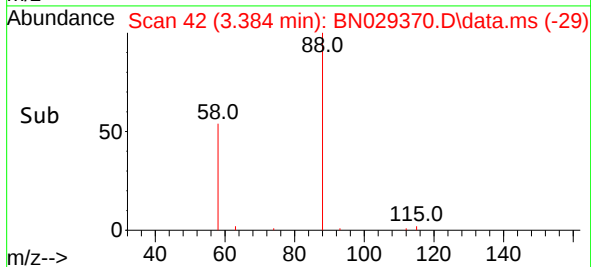
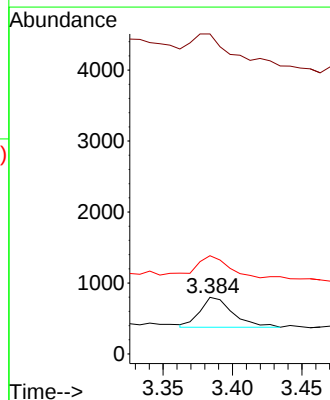
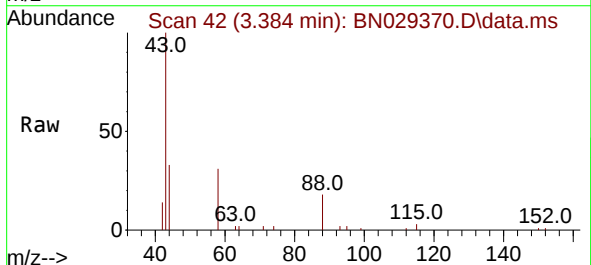
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-191-GW-278-280

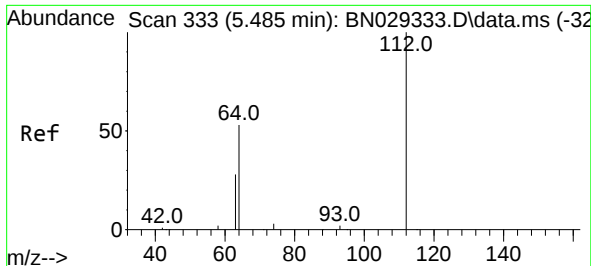
Tgt Ion:152 Resp: 4684
 Ion Ratio Lower Upper
 152 100
 150 152.9 121.1 181.7
 115 66.5 49.8 74.6



#2
 1,4-Dioxane
 Concen: 0.114 ng
 RT: 3.384 min Scan# 42
 Delta R.T. -0.007 min
 Lab File: BN029370.D
 Acq: 24 Jan 2024 06:00

Tgt Ion: 88 Resp: 694
 Ion Ratio Lower Upper
 88 100
 43 130.4 29.2 43.8#
 58 82.4 57.8 86.8

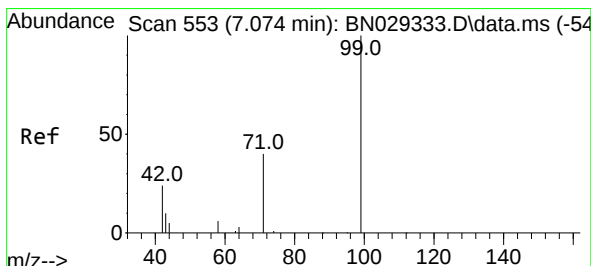
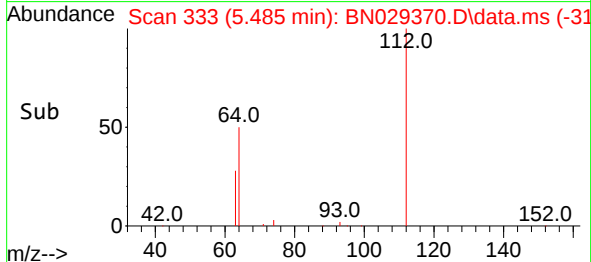
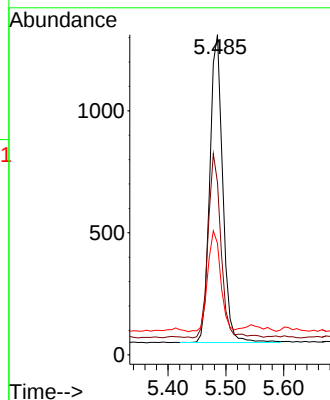
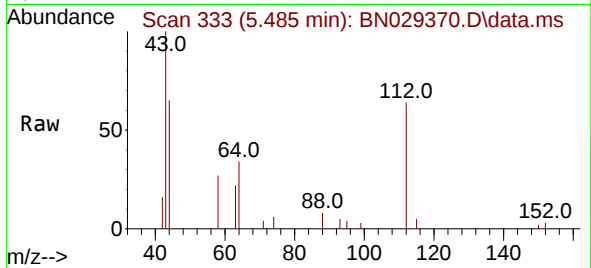




#4
2-Fluorophenol
Concen: 0.158 ng
RT: 5.485 min Scan# 311
Delta R.T. 0.000 min
Lab File: BN029370.D
Acq: 24 Jan 2024 06:00

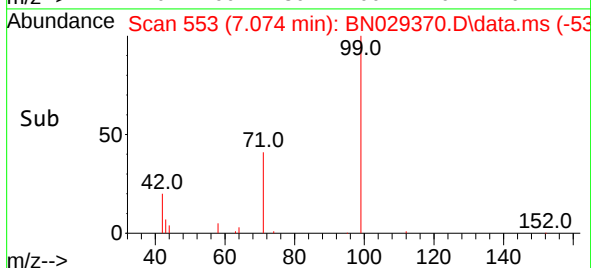
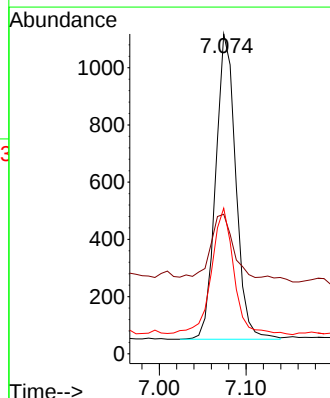
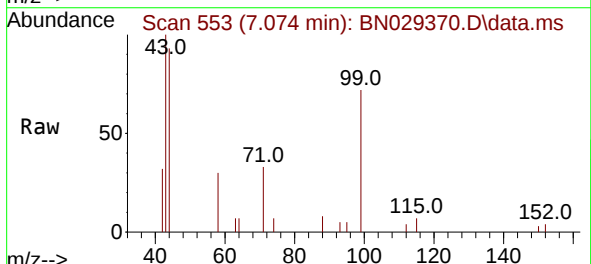
Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-278-280

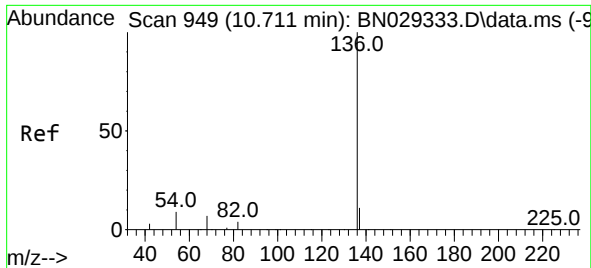
Tgt Ion: 112 Resp: 1967
Ion Ratio Lower Upper
112 100
64 59.3 47.6 71.4
63 32.6 27.0 40.6



#5
Phenol-d6
Concen: 0.103 ng
RT: 7.074 min Scan# 553
Delta R.T. 0.000 min
Lab File: BN029370.D
Acq: 24 Jan 2024 06:00

Tgt Ion: 99 Resp: 1712
Ion Ratio Lower Upper
99 100
42 22.0 19.3 28.9
71 46.8 31.0 46.6#

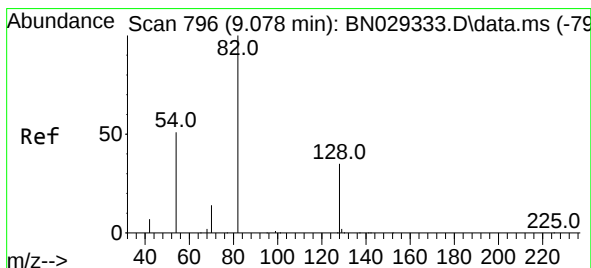
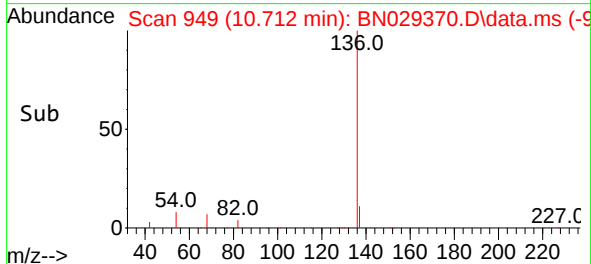
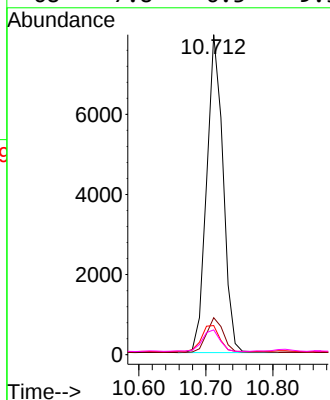
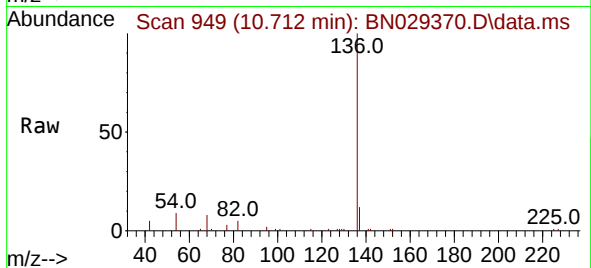




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.712 min Scan# 949
Delta R.T. 0.000 min
Lab File: BN029370.D
Acq: 24 Jan 2024 06:00

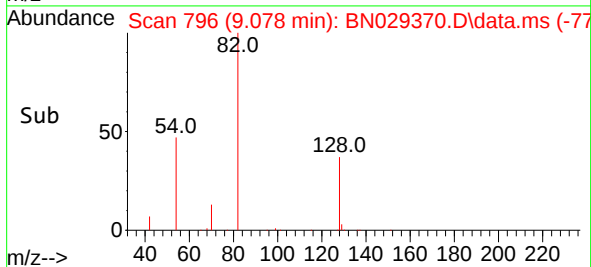
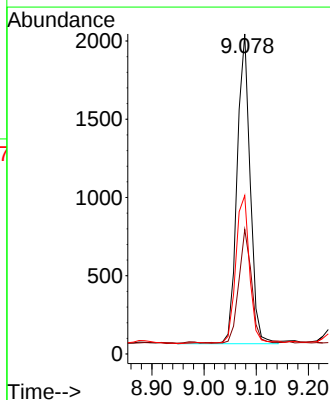
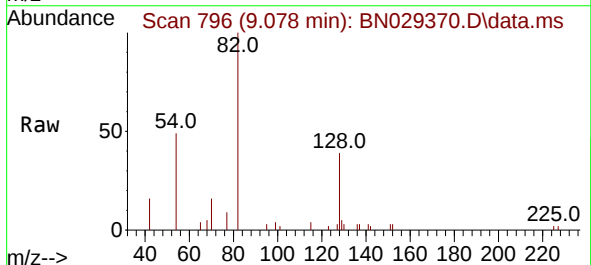
Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-278-280

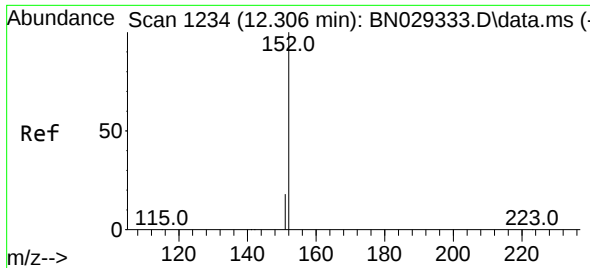
Tgt Ion:	136	Resp:	13455
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.4	14.0
54	9.1	7.9	11.9
68	7.8	6.3	9.5



#8
Nitrobenzene-d5
Concen: 0.242 ng
RT: 9.078 min Scan# 796
Delta R.T. 0.000 min
Lab File: BN029370.D
Acq: 24 Jan 2024 06:00

Tgt Ion:	82	Resp:	3446
Ion Ratio	Lower	Upper	
82	100		
128	38.9	29.8	44.6
54	49.5	42.5	63.7

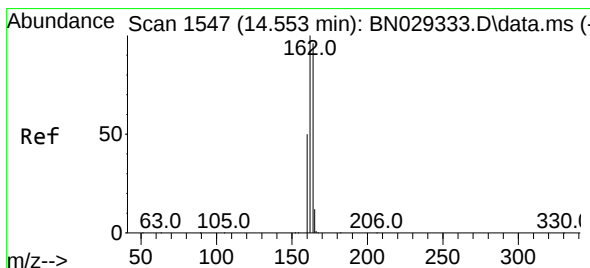
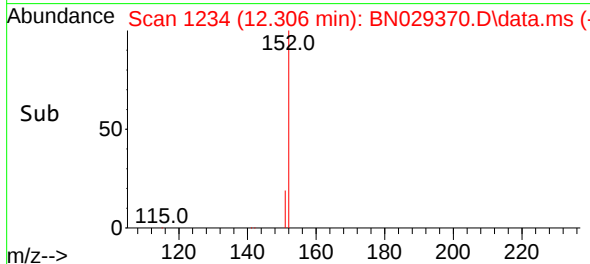
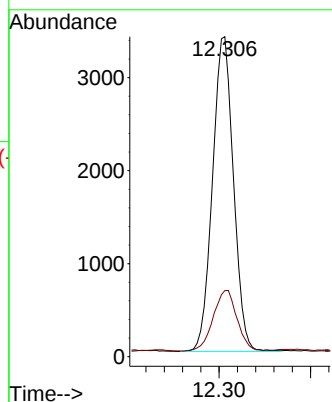
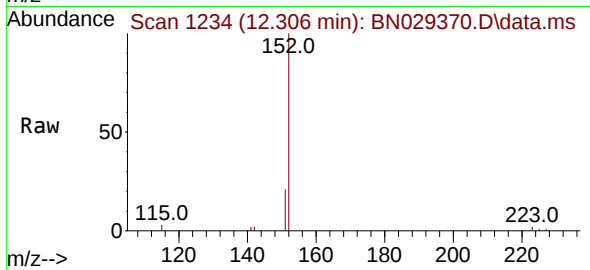




#11
2-Methylnaphthalene-d10
Concen: 0.242 ng
RT: 12.306 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029370.D
Acq: 24 Jan 2024 06:00

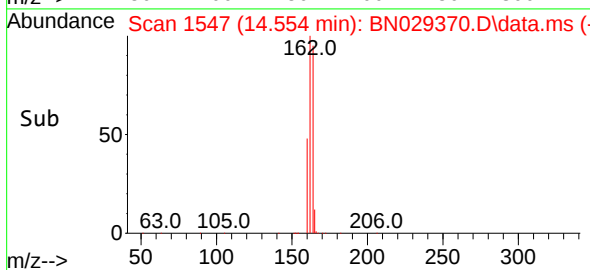
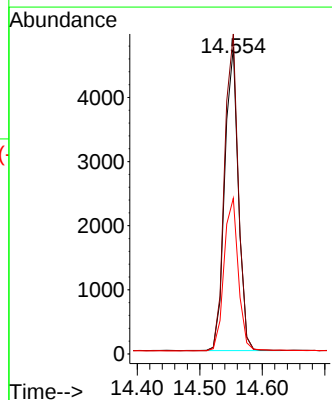
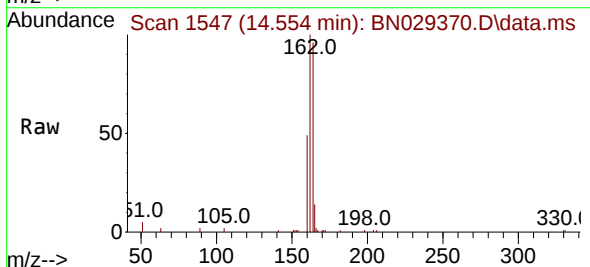
Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-278-280

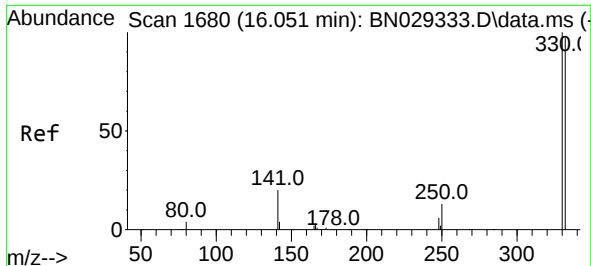
Tgt Ion:152 Resp: 5391
Ion Ratio Lower Upper
152 100
151 21.9 16.9 25.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.554 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BN029370.D
Acq: 24 Jan 2024 06:00

Tgt Ion:164 Resp: 7184
Ion Ratio Lower Upper
164 100
162 104.4 83.5 125.3
160 50.8 42.1 63.1

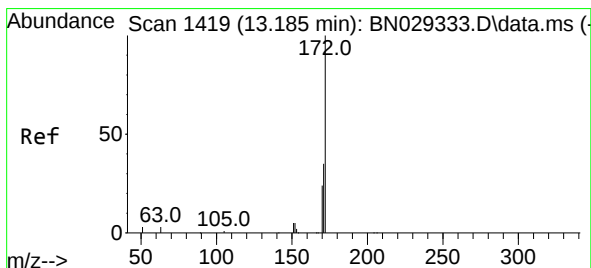
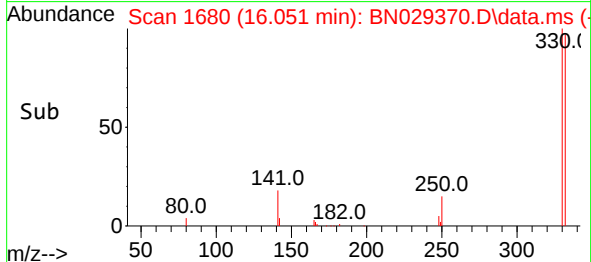
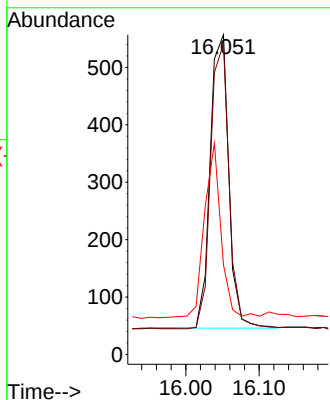
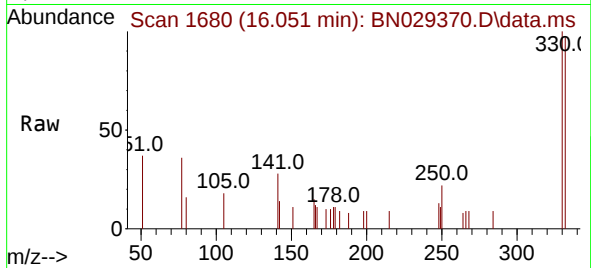




#14
2,4,6-Tribromophenol
Concen: 0.240 ng
RT: 16.051 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN029370.D
Acq: 24 Jan 2024 06:00

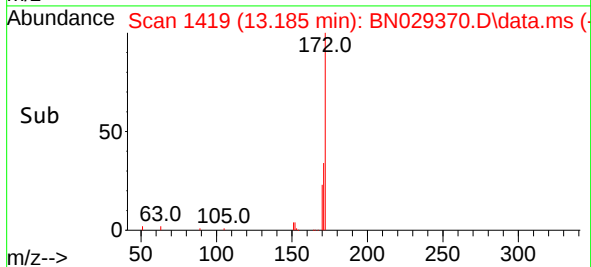
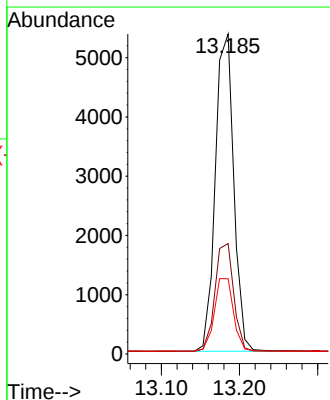
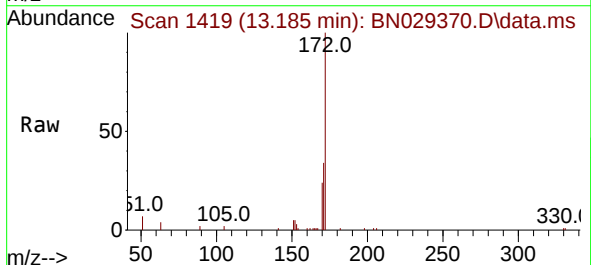
Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-278-280

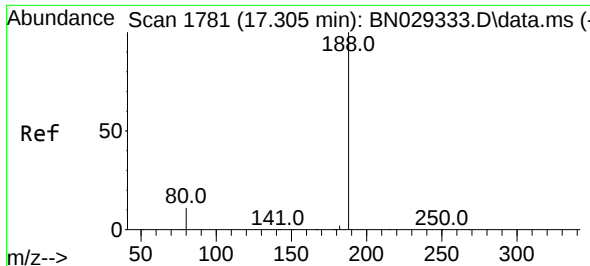
Tgt Ion:	330	Resp:	898
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.3	115.9
141	52.4	37.2	55.8



#15
2-Fluorobiphenyl
Concen: 0.253 ng
RT: 13.185 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BN029370.D
Acq: 24 Jan 2024 06:00

Tgt Ion:	172	Resp:	8757
Ion Ratio	Lower	Upper	
172	100		
171	34.5	28.2	42.2
170	23.5	19.3	28.9

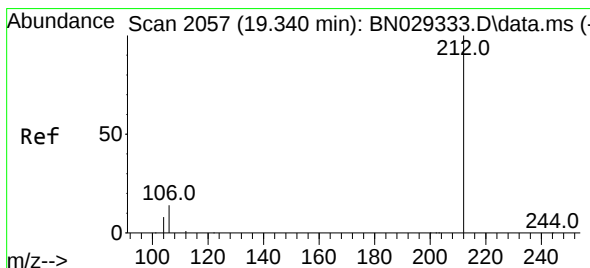
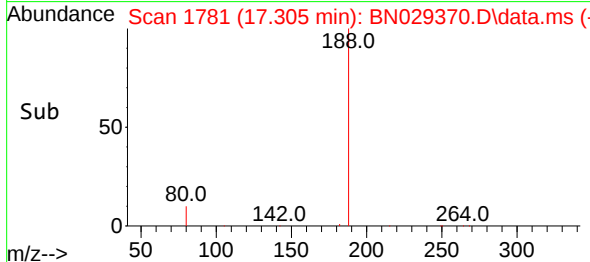
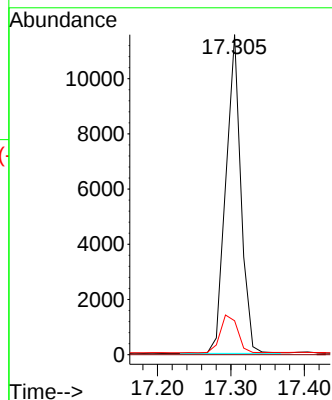
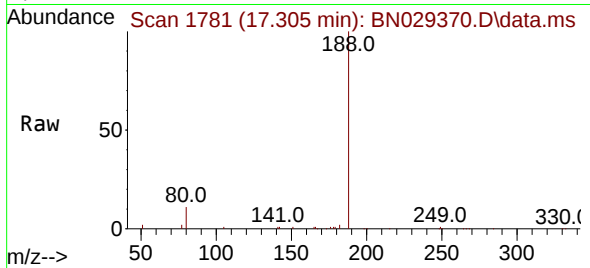




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.305 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BN029370.D
Acq: 24 Jan 2024 06:00

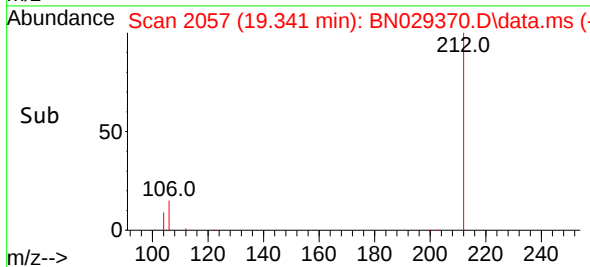
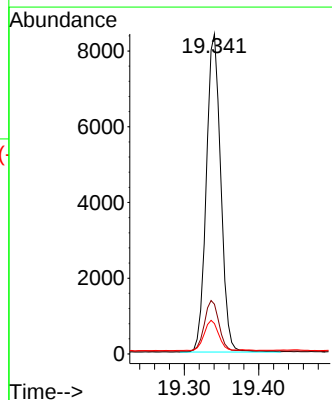
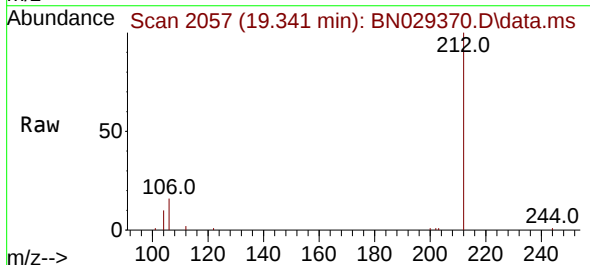
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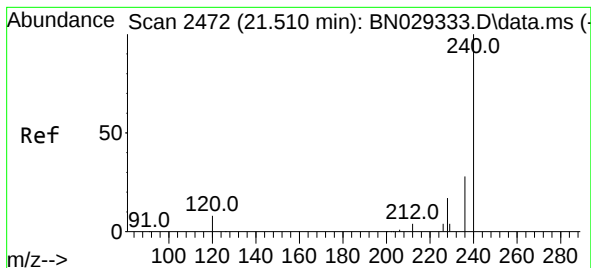
Tgt Ion:188 Resp: 16409
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 9.4 14.2



#27
Fluoranthene-d10
Concen: 0.232 ng
RT: 19.341 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BN029370.D
Acq: 24 Jan 2024 06:00

Tgt Ion:212 Resp: 11289
Ion Ratio Lower Upper
212 100
106 16.3 11.4 17.0
104 9.6 6.8 10.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.510 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BN029370.D

Acq: 24 Jan 2024 06:00

Instrument :

BNA_N

ClientSampleId :

BP-VPB-191-GW-278-280

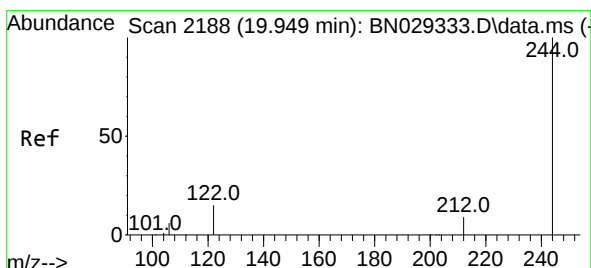
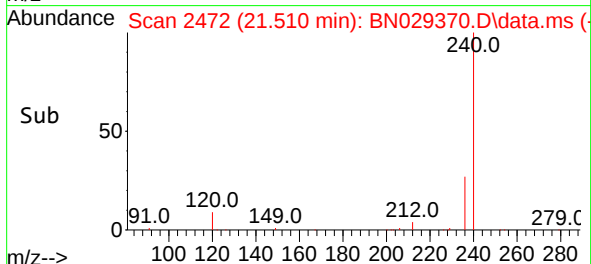
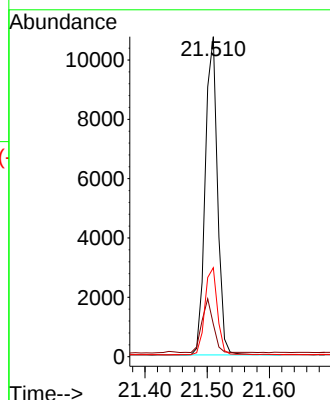
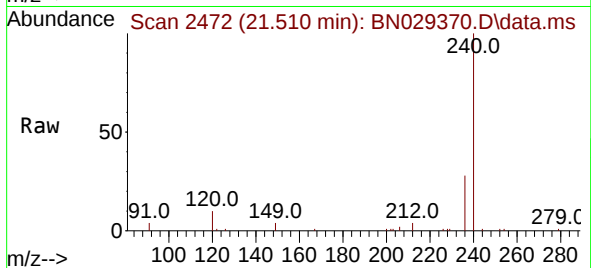
Tgt Ion:240 Resp: 14627

Ion Ratio Lower Upper

240 100

120 10.2 7.8 11.6

236 27.8 23.0 34.4



#31

Terphenyl-d14

Concen: 0.264 ng

RT: 19.949 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BN029370.D

Acq: 24 Jan 2024 06:00

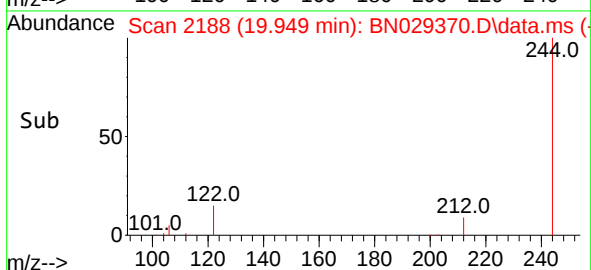
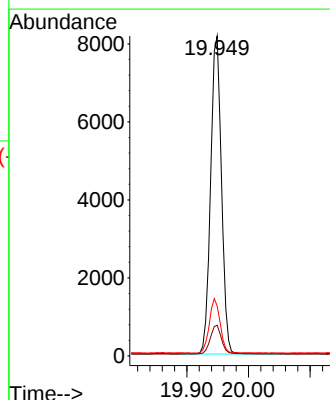
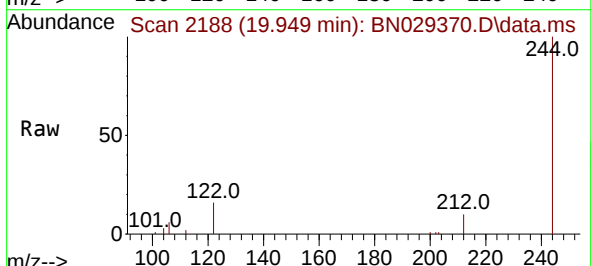
Tgt Ion:244 Resp: 9889

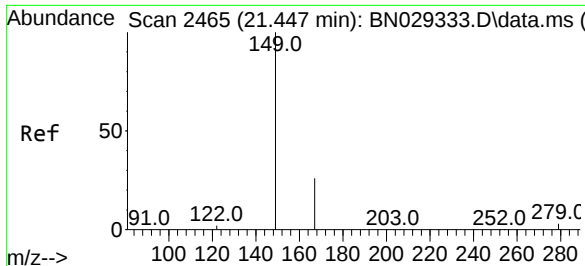
Ion Ratio Lower Upper

244 100

212 9.6 7.6 11.4

122 15.7 12.8 19.2

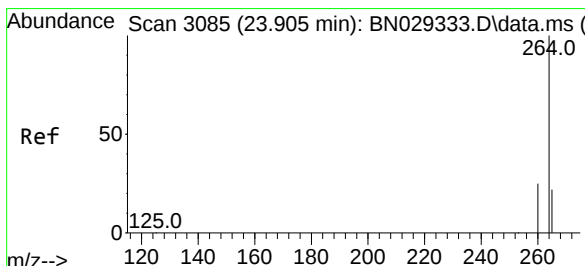
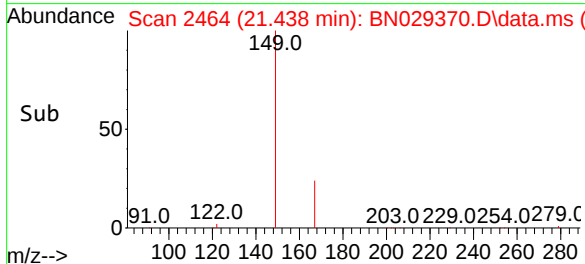
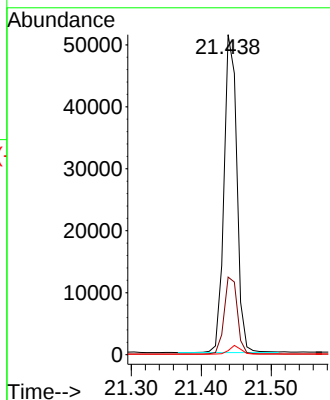
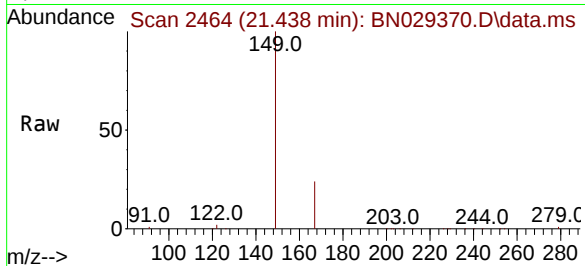




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.946 ng
 RT: 21.438 min Scan# 2464
 Delta R.T. -0.009 min
 Lab File: BN029370.D
 Acq: 24 Jan 2024 06:00

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-191-GW-278-280

Tgt Ion:149 Resp: 65411
 Ion Ratio Lower Upper
 149 100
 167 24.7 19.9 29.9
 279 2.5 2.2 3.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.905 min Scan# 3085
 Delta R.T. 0.000 min
 Lab File: BN029370.D
 Acq: 24 Jan 2024 06:00

Tgt Ion:264 Resp: 15411
 Ion Ratio Lower Upper
 264 100
 260 26.7 20.6 31.0
 265 29.4 24.8 37.2

