

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012324\
 Data File : BN029367.D
 Acq On : 24 Jan 2024 04:12
 Operator : MA/JU
 Sample : P1222-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-191-GW-398-400

Quant Time: Jan 24 04:40:37 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)

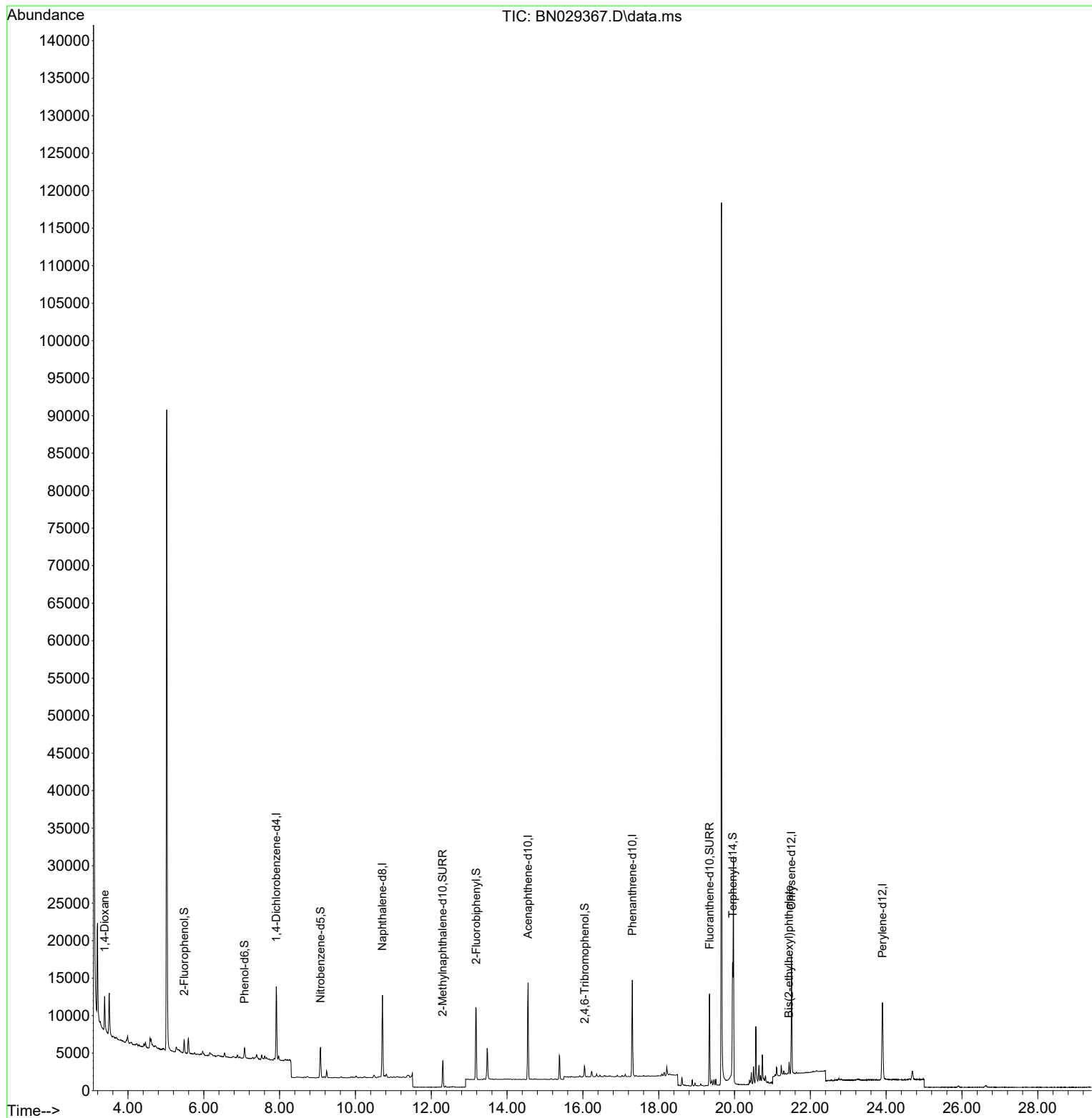
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	4594	0.400	ng	0.00
7) Naphthalene-d8	10.712	136	13510	0.400	ng	0.00
13) Acenaphthene-d10	14.554	164	7144	0.400	ng	0.00
19) Phenanthrene-d10	17.305	188	16220	0.400	ng	0.00
29) Chrysene-d12	21.501	240	14740	0.400	ng	# 0.00
35) Perylene-d12	23.902	264	14769	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.486	112	1365	0.112	ng	0.00
5) Phenol-d6	7.074	99	1232	0.076	ng	0.00
8) Nitrobenzene-d5	9.078	82	3289	0.230	ng	0.00
11) 2-Methylnaphthalene-d10	12.303	152	4746	0.212	ng	0.00
14) 2,4,6-Tribromophenol	16.051	330	801	0.215	ng	0.00
15) 2-Fluorobiphenyl	13.185	172	8988	0.261	ng	0.00
27) Fluoranthene-d10	19.341	212	13414	0.279	ng	0.00
31) Terphenyl-d14	19.949	244	13015	0.345	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.384	88	3002	0.503	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.438	149	1535	0.045	ng	# 96

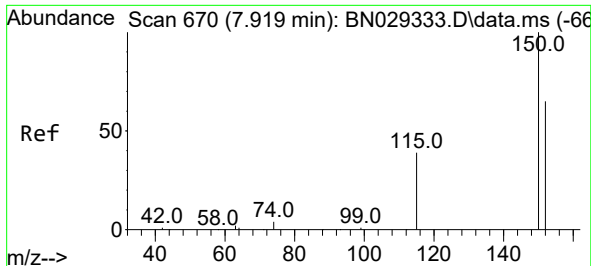
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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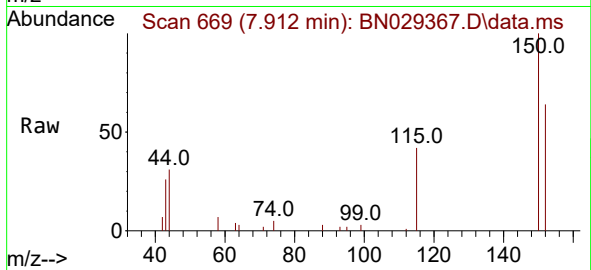
Quant Time: Jan 24 04:40:37 2024
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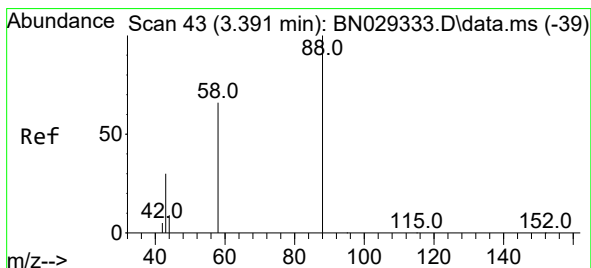
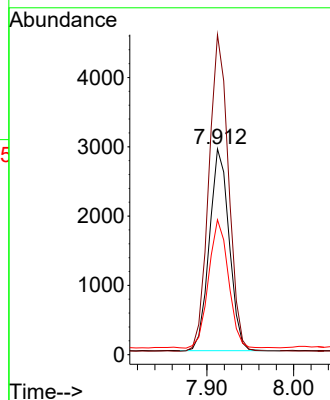
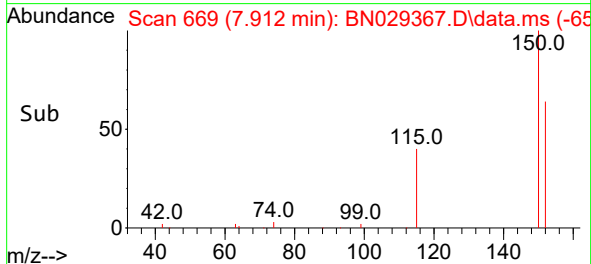


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.912 min Scan# 6
 Delta R.T. -0.007 min
 Lab File: BN029367.D
 Acq: 24 Jan 2024 04:12

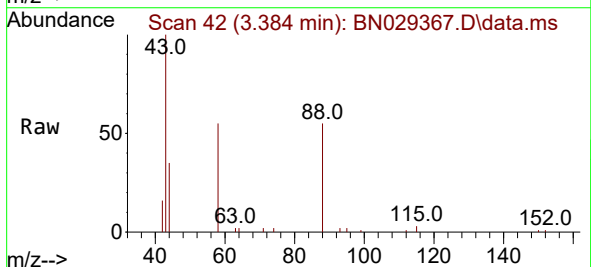
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-191-GW-398-400



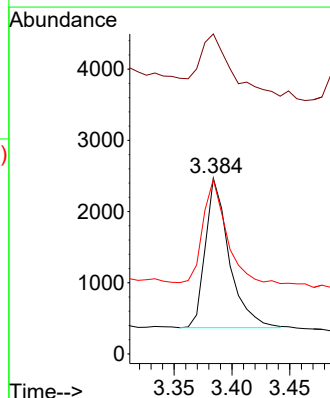
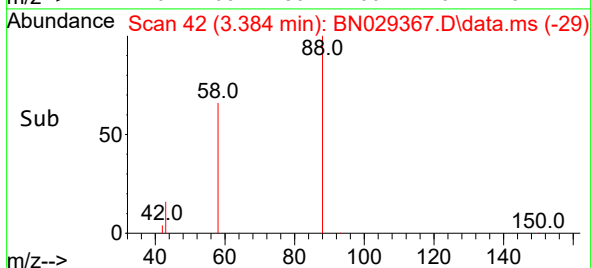
Tgt Ion:152 Resp: 4594
 Ion Ratio Lower Upper
 152 100
 150 155.5 121.1 181.7
 115 65.5 49.8 74.6

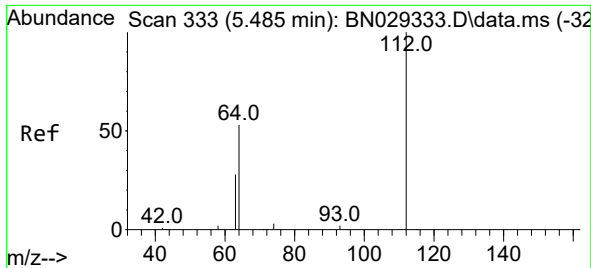


#2
 1,4-Dioxane
 Concen: 0.503 ng
 RT: 3.384 min Scan# 42
 Delta R.T. -0.007 min
 Lab File: BN029367.D
 Acq: 24 Jan 2024 04:12



Tgt Ion: 88 Resp: 3002
 Ion Ratio Lower Upper
 88 100
 43 53.1 29.2 43.8#
 58 69.1 57.8 86.8

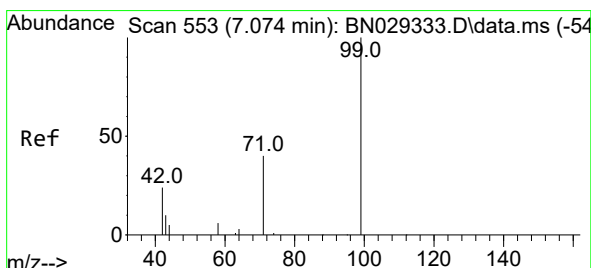
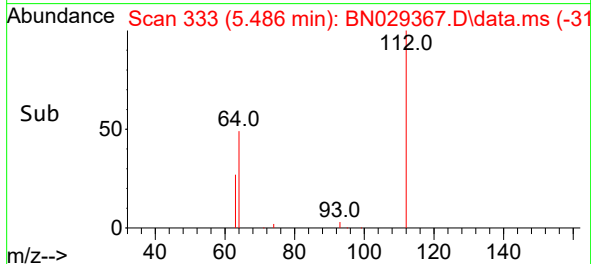
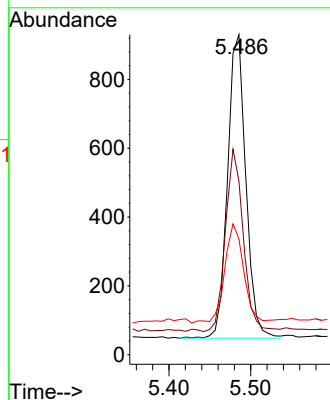
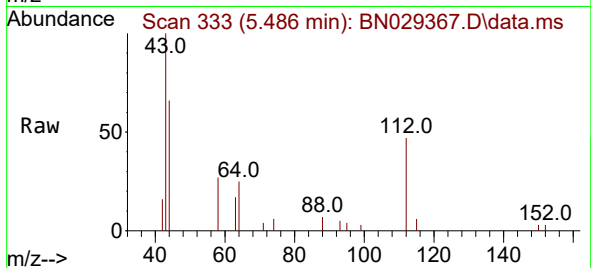




#4
2-Fluorophenol
Concen: 0.112 ng
RT: 5.486 min Scan# 311
Delta R.T. 0.000 min
Lab File: BN029367.D
Acq: 24 Jan 2024 04:12

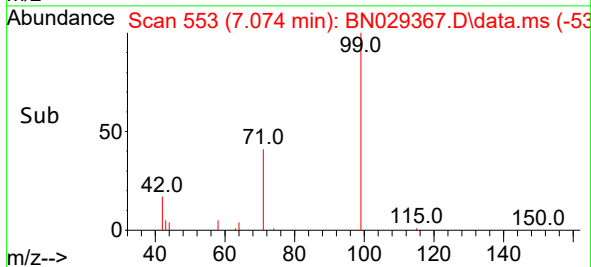
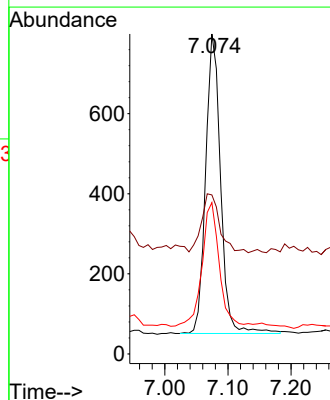
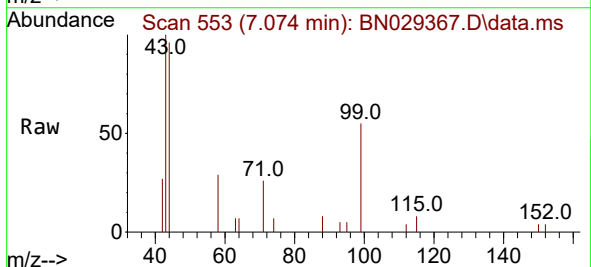
Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-398-400

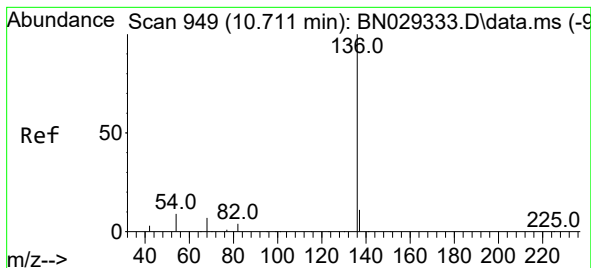
Tgt Ion:112 Resp: 1365
Ion Ratio Lower Upper
112 100
64 59.0 47.6 71.4
63 32.1 27.0 40.6



#5
Phenol-d6
Concen: 0.076 ng
RT: 7.074 min Scan# 553
Delta R.T. 0.000 min
Lab File: BN029367.D
Acq: 24 Jan 2024 04:12

Tgt Ion: 99 Resp: 1232
Ion Ratio Lower Upper
99 100
42 23.6 19.3 28.9
71 47.2 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: BN029367.D

Acq: 24 Jan 2024 04:12

Instrument :

BNA_N

ClientSampleId :

BP-VPB-191-GW-398-400

Tgt Ion:136 Resp: 13510

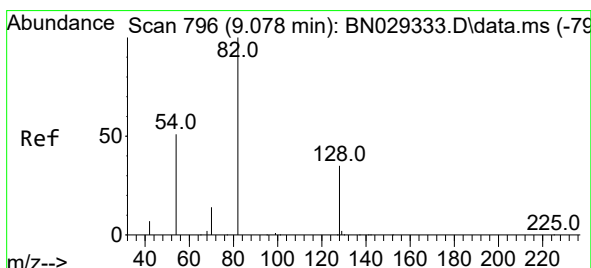
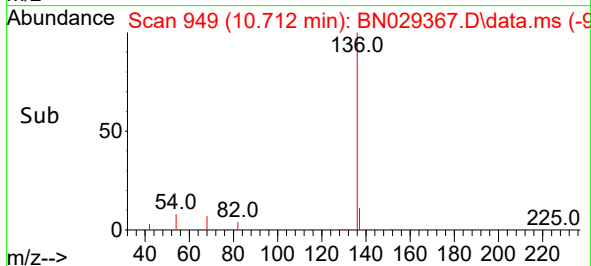
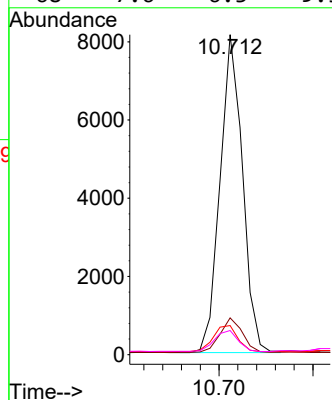
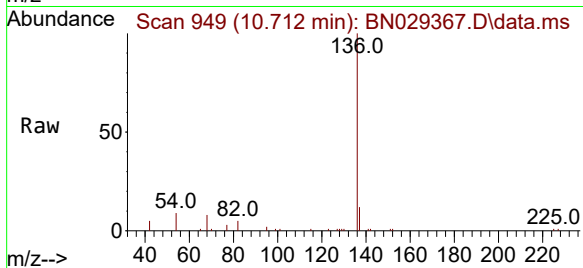
Ion Ratio Lower Upper

136 100

137 11.5 9.4 14.0

54 9.1 7.9 11.9

68 7.6 6.3 9.5



#8

Nitrobenzene-d5

Concen: 0.230 ng

RT: 9.078 min Scan# 796

Delta R.T. 0.000 min

Lab File: BN029367.D

Acq: 24 Jan 2024 04:12

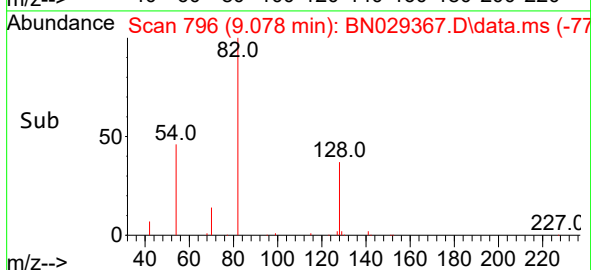
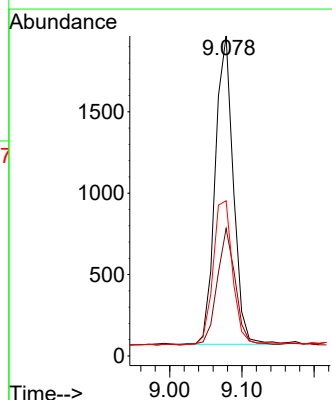
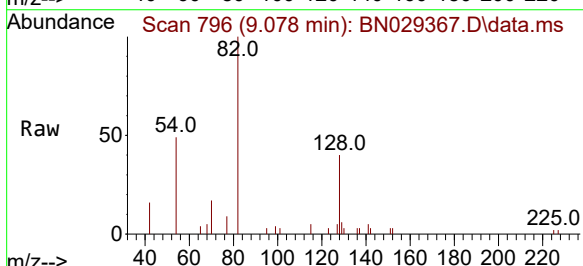
Tgt Ion: 82 Resp: 3289

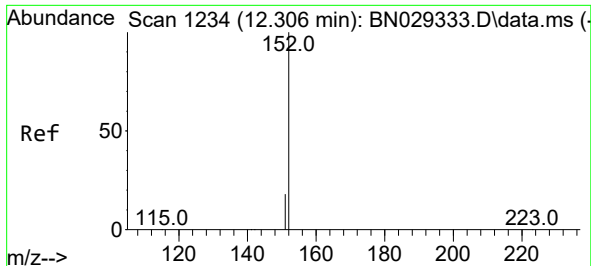
Ion Ratio Lower Upper

82 100

128 39.8 29.8 44.6

54 48.5 42.5 63.7

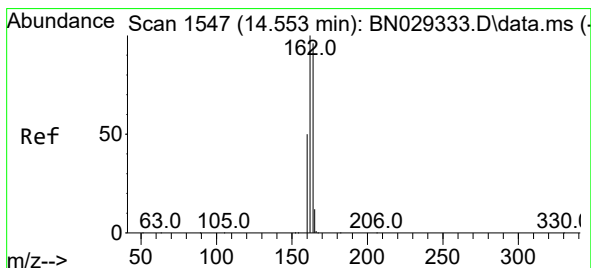
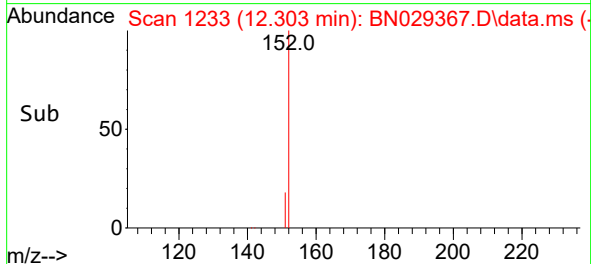
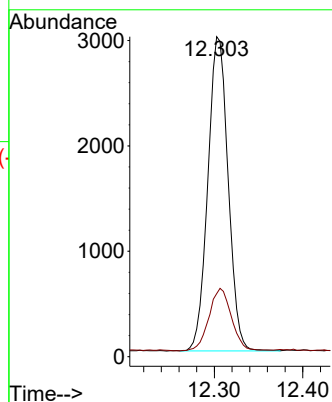
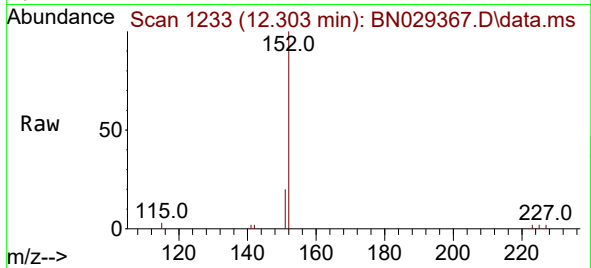




#11
2-Methylnaphthalene-d10
Concen: 0.212 ng
RT: 12.303 min Scan# 11
Delta R.T. -0.003 min
Lab File: BN029367.D
Acq: 24 Jan 2024 04:12

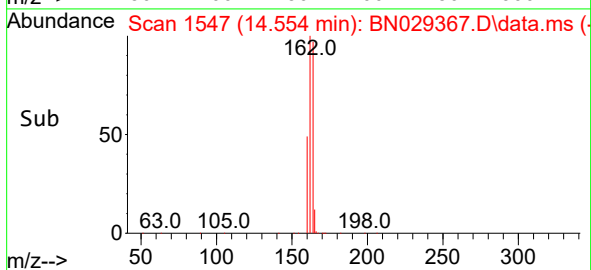
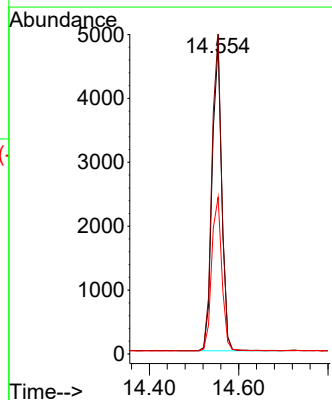
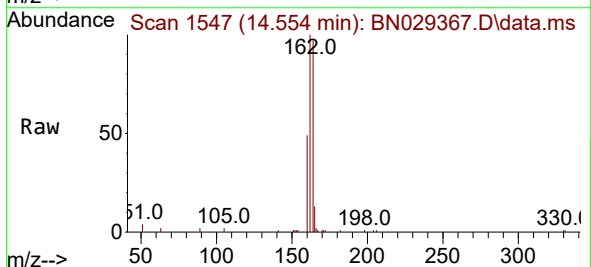
Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-398-400

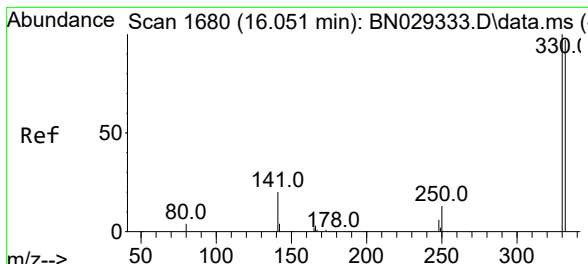
Tgt Ion:152 Resp: 4746
Ion Ratio Lower Upper
152 100
151 21.9 16.9 25.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.554 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BN029367.D
Acq: 24 Jan 2024 04:12

Tgt Ion:164 Resp: 7144
Ion Ratio Lower Upper
164 100
162 103.4 83.5 125.3
160 50.7 42.1 63.1

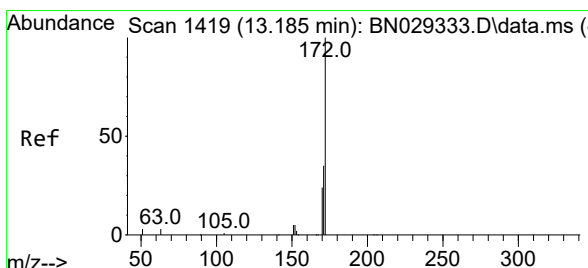
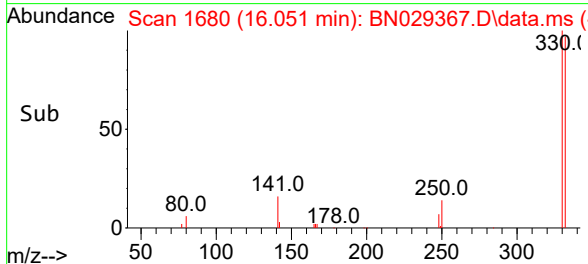
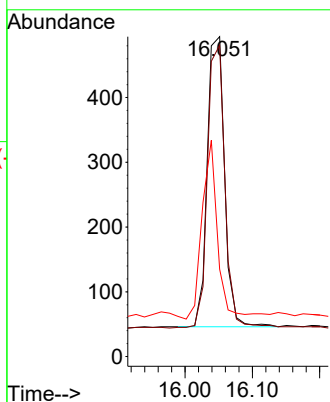
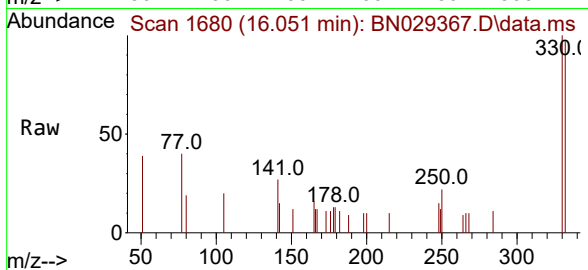




#14
 2,4,6-Tribromophenol
 Concen: 0.215 ng
 RT: 16.051 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BN029367.D
 Acq: 24 Jan 2024 04:12

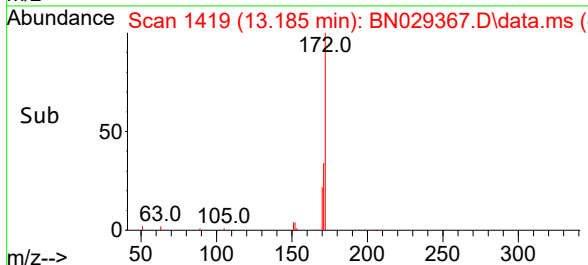
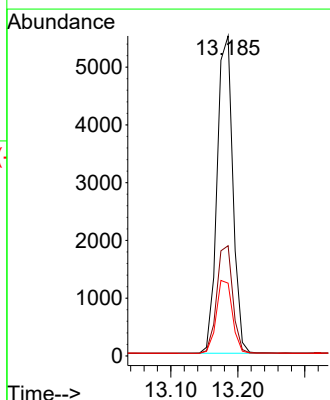
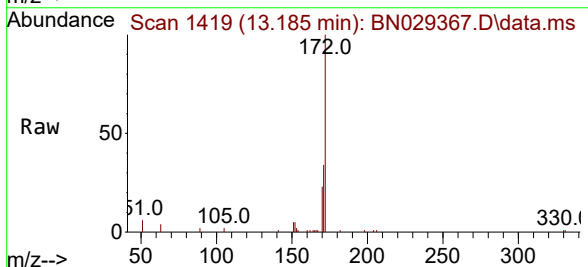
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-191-GW-398-400

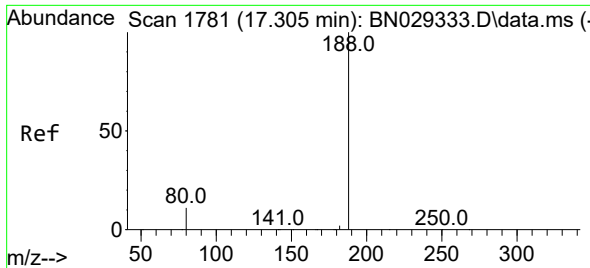
Tgt Ion:	330	Resp:	801
Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.3	115.9
141	55.1	37.2	55.8



#15
 2-Fluorobiphenyl
 Concen: 0.261 ng
 RT: 13.185 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: BN029367.D
 Acq: 24 Jan 2024 04:12

Tgt Ion:	172	Resp:	8988
Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.2	42.2
170	22.8	19.3	28.9

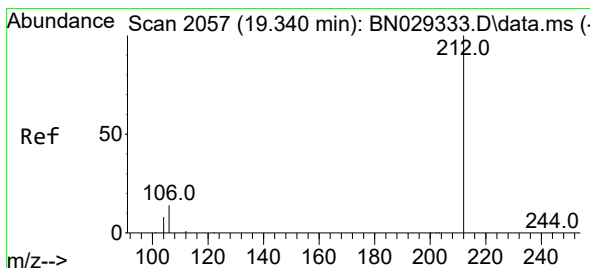
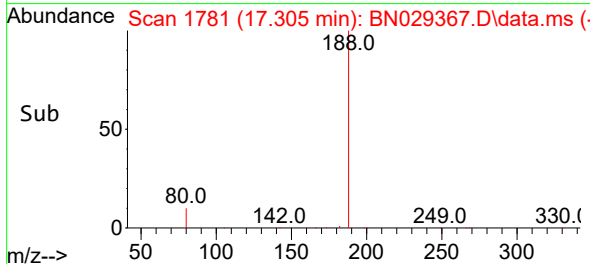
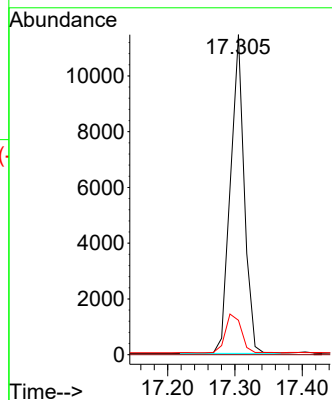
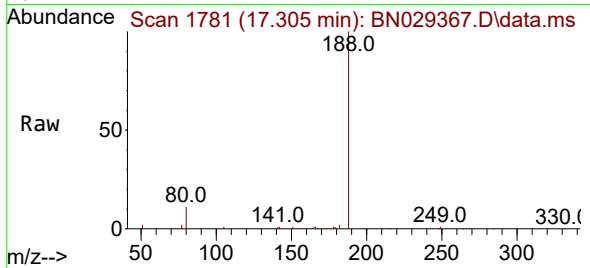




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.305 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BN029367.D
Acq: 24 Jan 2024 04:12

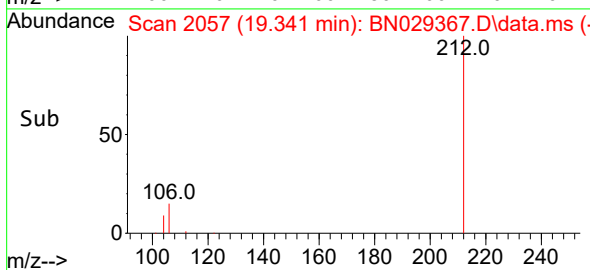
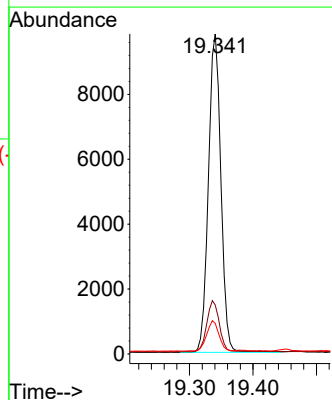
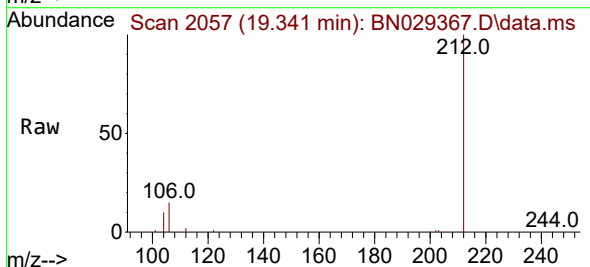
Instrument :
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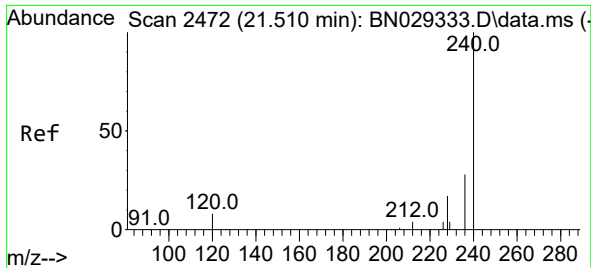
Tgt Ion:188 Resp: 16220
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 9.4 14.2



#27
Fluoranthene-d10
Concen: 0.279 ng
RT: 19.341 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BN029367.D
Acq: 24 Jan 2024 04:12

Tgt Ion:212 Resp: 13414
Ion Ratio Lower Upper
212 100
106 15.9 11.4 17.0
104 9.4 6.8 10.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.501 min Scan# 2471

Delta R.T. -0.009 min

Lab File: BN029367.D

Acq: 24 Jan 2024 04:12

Instrument :

BNA_N

ClientSampleId :

BP-VPB-191-GW-398-400

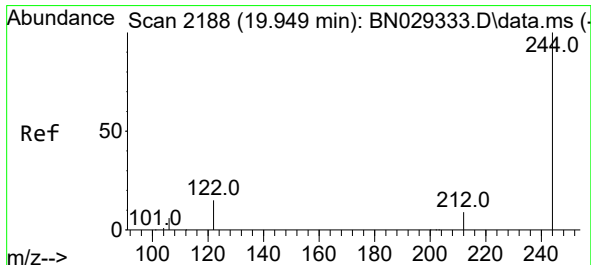
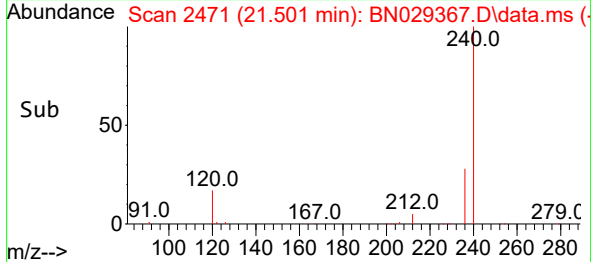
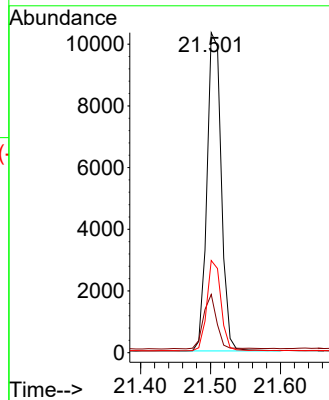
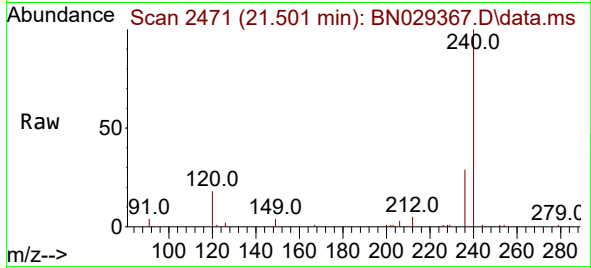
Tgt Ion:240 Resp: 14740

Ion Ratio Lower Upper

240 100

120 18.2 7.8 11.6#

236 28.8 23.0 34.4



#31

Terphenyl-d14

Concen: 0.345 ng

RT: 19.949 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BN029367.D

Acq: 24 Jan 2024 04:12

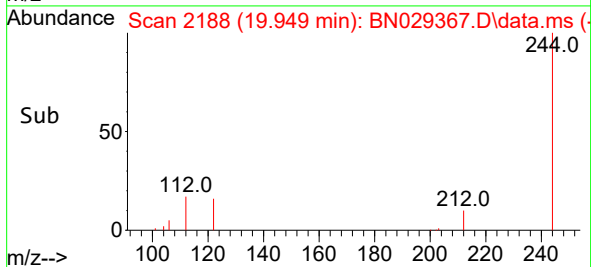
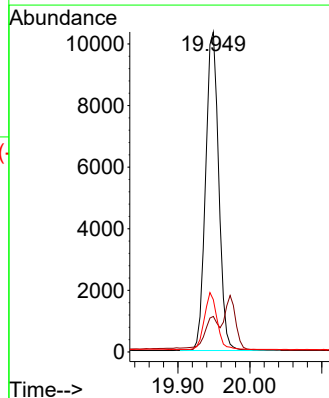
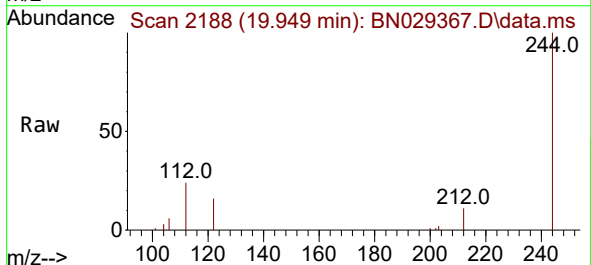
Tgt Ion:244 Resp: 13015

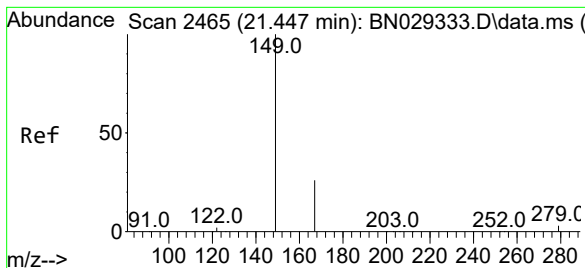
Ion Ratio Lower Upper

244 100

212 11.1 7.6 11.4

122 16.3 12.8 19.2





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.045 ng

RT: 21.438 min Scan# 2464

Delta R.T. -0.009 min

Lab File: BN029367.D

Acq: 24 Jan 2024 04:12

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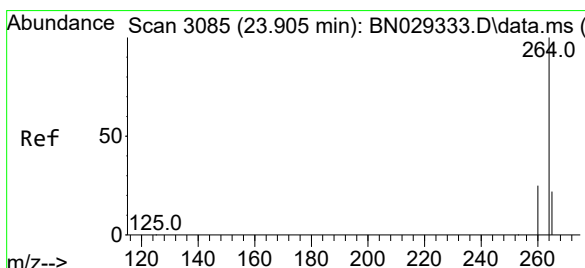
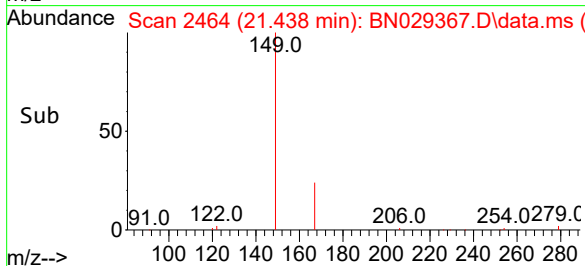
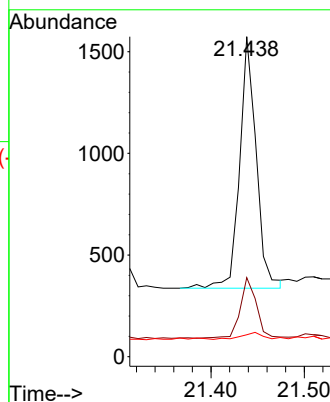
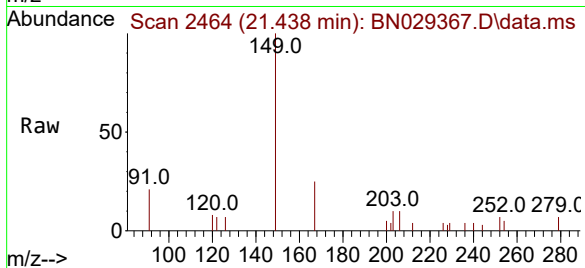
Tgt Ion:149 Resp: 1535

Ion Ratio Lower Upper

149 100

167 23.1 19.9 29.9

279 3.9 2.2 3.4#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.902 min Scan# 3084

Delta R.T. -0.003 min

Lab File: BN029367.D

Acq: 24 Jan 2024 04:12

Tgt Ion:264 Resp: 14769

Ion Ratio Lower Upper

264 100

260 27.1 20.6 31.0

265 30.9 24.8 37.2

