

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012424\
 Data File : BN029377.D
 Acq On : 24 Jan 2024 12:02
 Operator : MA/JU
 Sample : P1215-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-195-GW-360-362RE

Quant Time: Jan 24 12:31:39 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)

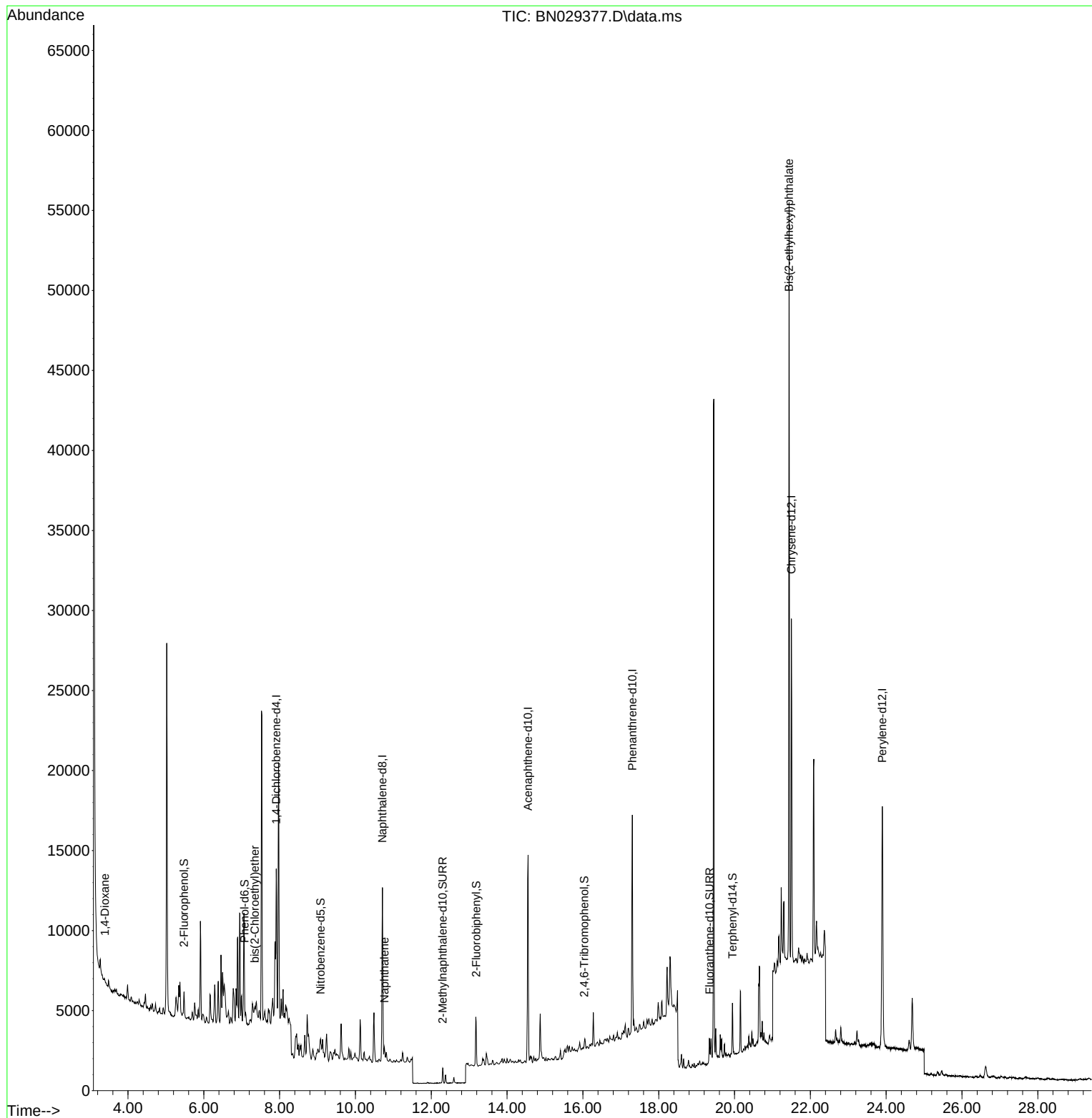
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	4572	0.400	ng	0.00
7) Naphthalene-d8	10.712	136	13807	0.400	ng	0.00
13) Acenaphthene-d10	14.554	164	7537	0.400	ng	0.00
19) Phenanthrene-d10	17.305	188	17853	0.400	ng	0.00
29) Chrysene-d12	21.501	240	18802	0.400	ng	# 0.00
35) Perylene-d12	23.897	264	20948	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.478	112	326	0.027	ng	0.00
5) Phenol-d6	7.074	99	438	0.027	ng	0.00
8) Nitrobenzene-d5	9.078	82	1184	0.081	ng	0.00
11) 2-Methylnaphthalene-d10	12.303	152	1292	0.057	ng	0.00
14) 2,4,6-Tribromophenol	16.039	330	245	0.062	ng	-0.01
15) 2-Fluorobiphenyl	13.185	172	2703	0.074	ng	0.00
27) Fluoranthene-d10	19.341	212	1709	0.032	ng	0.00
31) Terphenyl-d14	19.945	244	2980	0.062	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.391	88	134	0.023	ng	# 22
6) bis(2-Chloroethyl)ether	7.342	93	517	0.035	ng	# 23
9) Naphthalene	10.765	128	1053	0.024	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.438	149	41360	0.957	ng	99

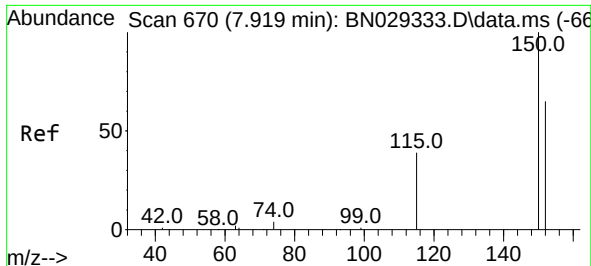
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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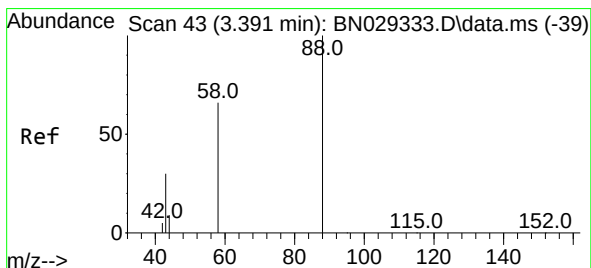
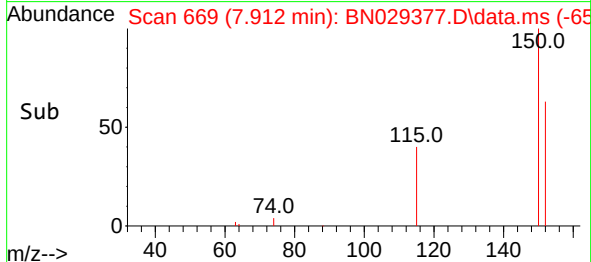
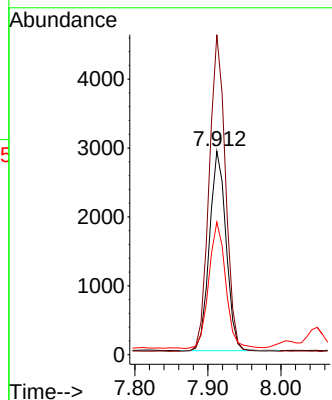
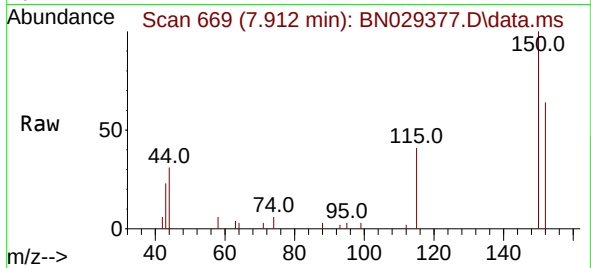




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.912 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: BN029377.D
 Acq: 24 Jan 2024 12:02

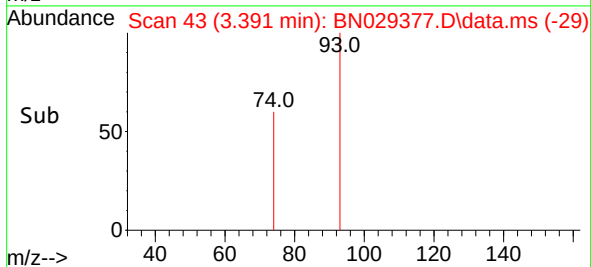
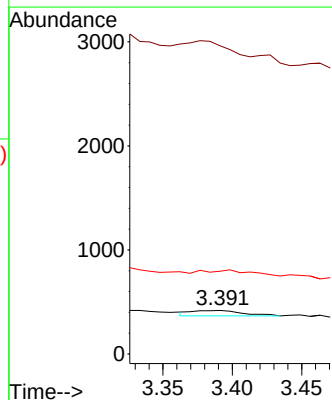
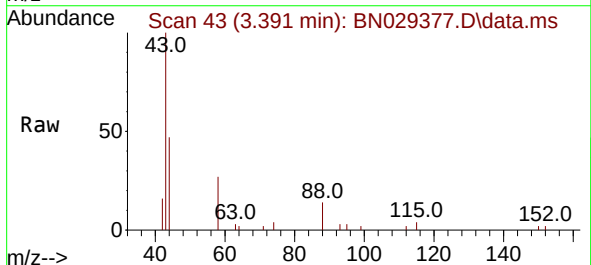
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-195-GW-360-362RE

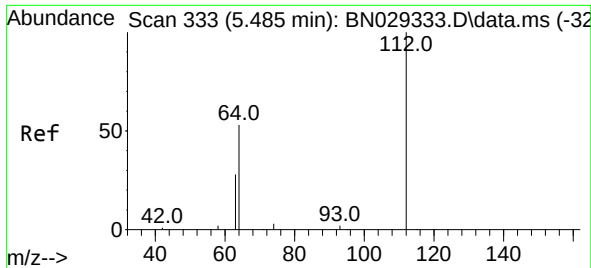
Tgt Ion:152 Resp: 4572
 Ion Ratio Lower Upper
 152 100
 150 157.3 121.1 181.7
 115 65.2 49.8 74.6



#2
 1,4-Dioxane
 Concen: 0.023 ng
 RT: 3.391 min Scan# 43
 Delta R.T. 0.000 min
 Lab File: BN029377.D
 Acq: 24 Jan 2024 12:02

Tgt Ion: 88 Resp: 134
 Ion Ratio Lower Upper
 88 100
 43 0.0 29.2 43.8#
 58 0.0 57.8 86.8#





#4

2-Fluorophenol

Concen: 0.027 ng

RT: 5.478 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN029377.D

Acq: 24 Jan 2024 12:02

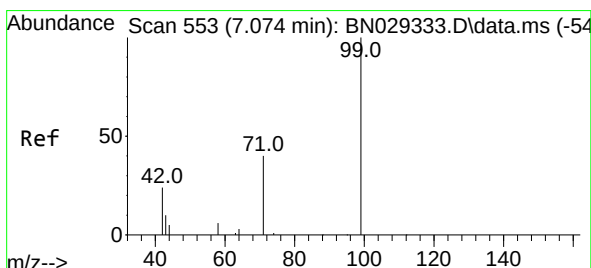
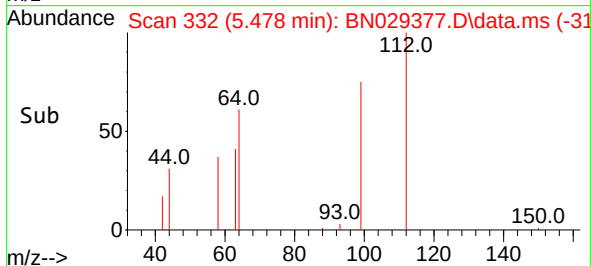
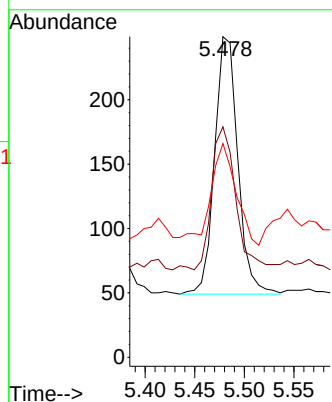
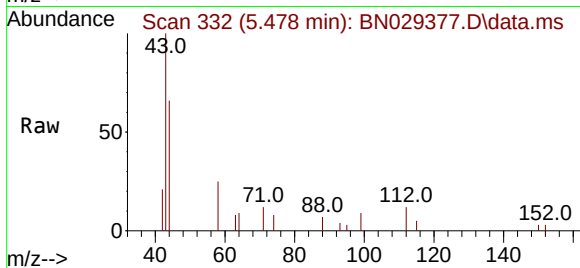
Instrument :

BNA_N

ClientSampleId :

BP-VPB-195-GW-360-362RE

Tgt Ion:	112	Resp:	326
Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.6	71.4
63	42.9	27.0	40.6#



#5

Phenol-d6

Concen: 0.027 ng

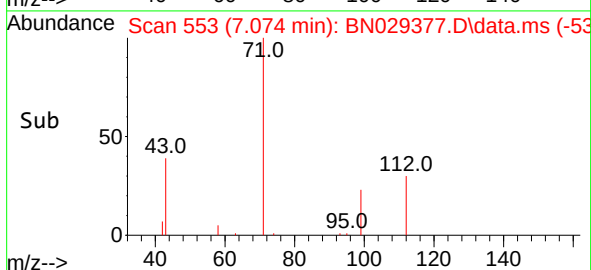
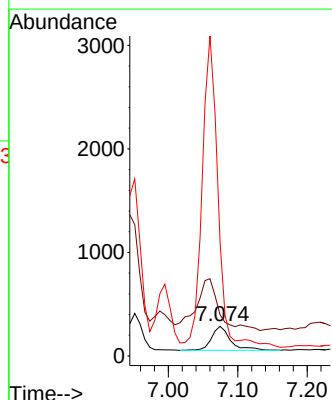
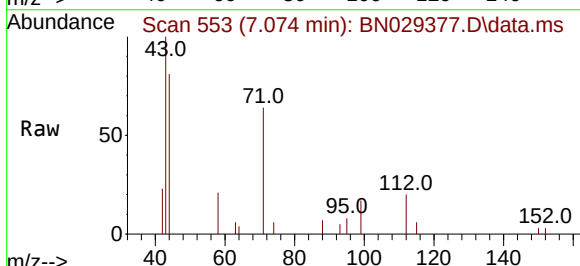
RT: 7.074 min Scan# 553

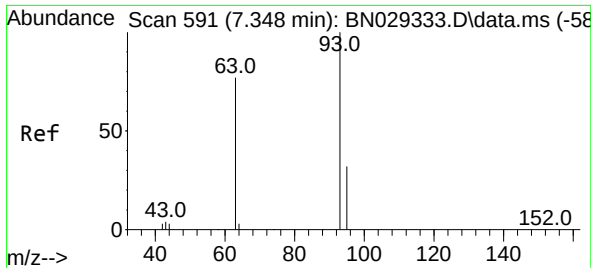
Delta R.T. 0.000 min

Lab File: BN029377.D

Acq: 24 Jan 2024 12:02

Tgt Ion:	99	Resp:	438
Ion	Ratio	Lower	Upper
99	100		
42	202.5	19.3	28.9#
71	1085.2	31.0	46.6#

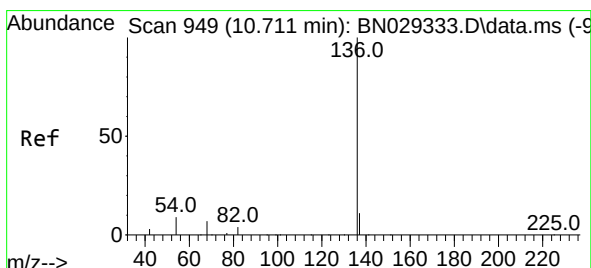
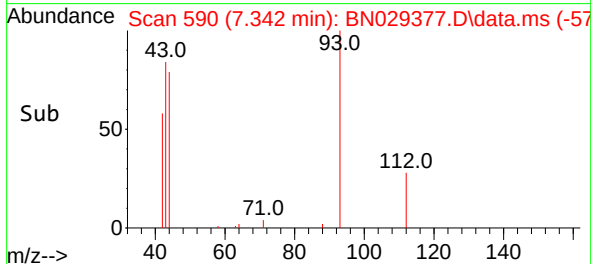
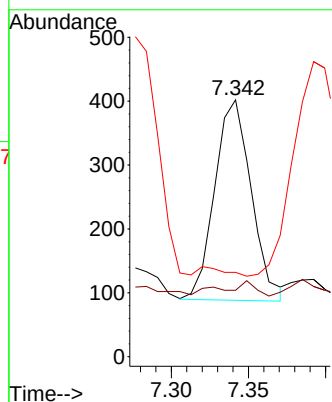
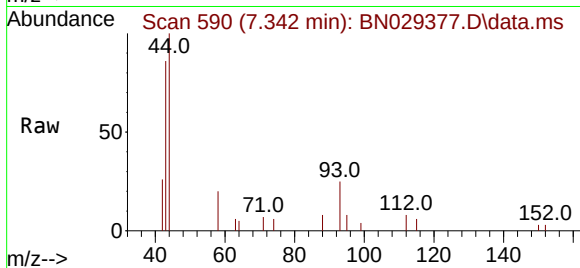




#6
bis(2-Chloroethyl)ether
Concen: 0.035 ng
RT: 7.342 min Scan# 591
Delta R.T. -0.007 min
Lab File: BN029377.D
Acq: 24 Jan 2024 12:02

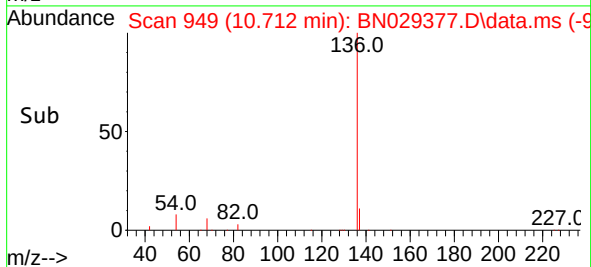
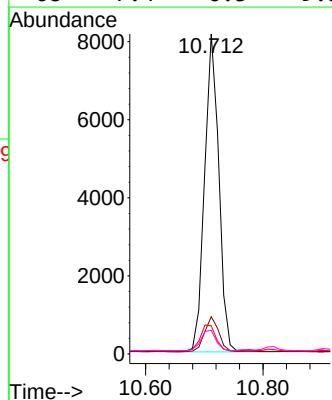
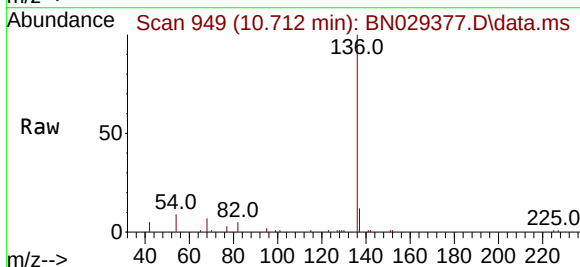
Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-360-362RE

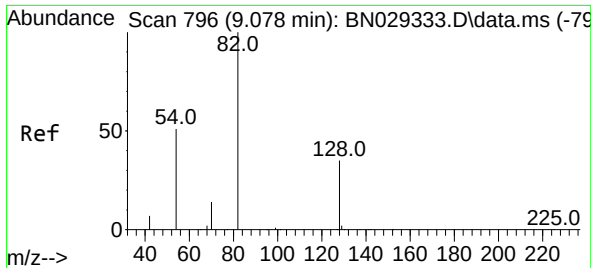
Tgt Ion: 93 Resp: 517
Ion Ratio Lower Upper
93 100
63 2.7 61.0 91.4#
95 0.0 26.5 39.7#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.712 min Scan# 949
Delta R.T. 0.000 min
Lab File: BN029377.D
Acq: 24 Jan 2024 12:02

Tgt Ion:136 Resp: 13807
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.0
54 8.8 7.9 11.9
68 7.4 6.3 9.5

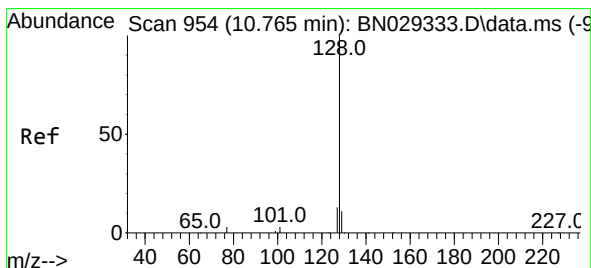
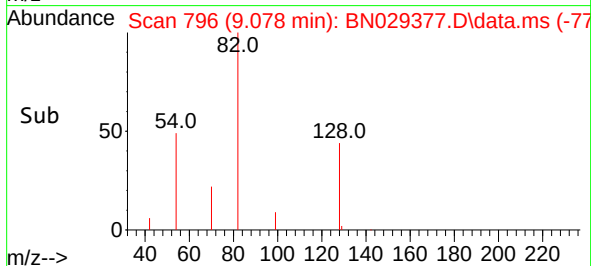
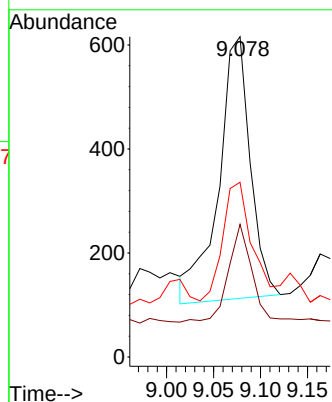
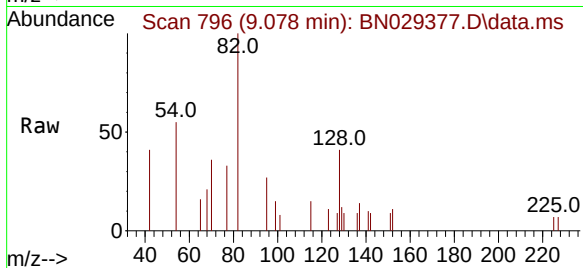




#8
Nitrobenzene-d5
Concen: 0.081 ng
RT: 9.078 min Scan# 796
Delta R.T. 0.000 min
Lab File: BN029377.D
Acq: 24 Jan 2024 12:02

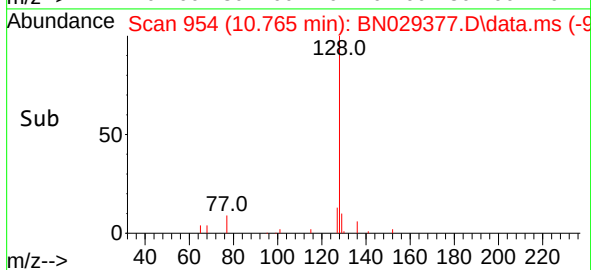
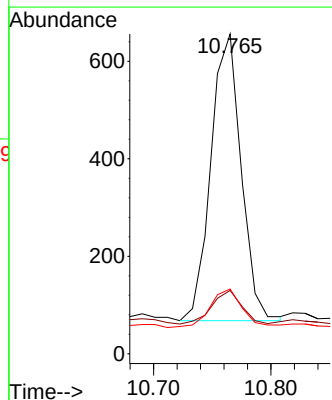
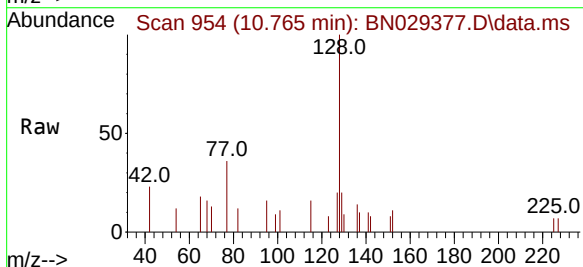
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ClientSampleId :
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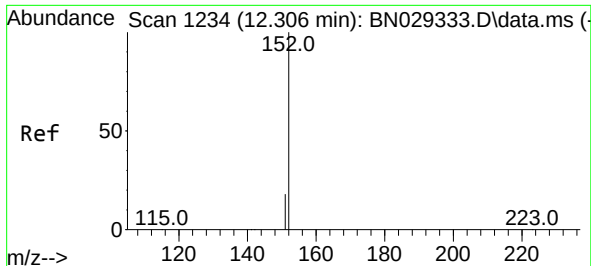
Tgt Ion:	82	Resp:	1184
Ion	Ratio	Lower	Upper
82	100		
128	41.4	29.8	44.6
54	54.5	42.5	63.7



#9
Naphthalene
Concen: 0.024 ng
RT: 10.765 min Scan# 954
Delta R.T. 0.000 min
Lab File: BN029377.D
Acq: 24 Jan 2024 12:02

Tgt Ion:	128	Resp:	1053
Ion	Ratio	Lower	Upper
128	100		
129	19.8	9.6	14.4#
127	20.3	11.3	16.9#

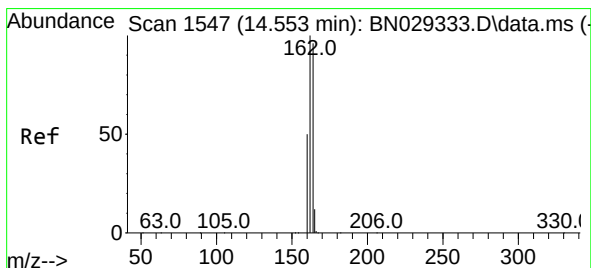
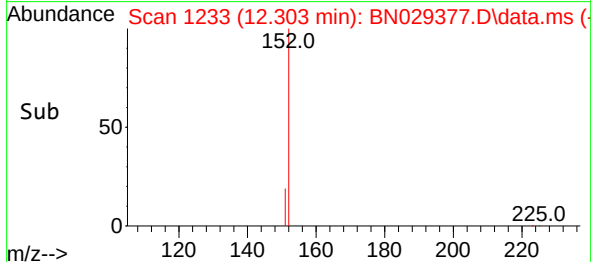
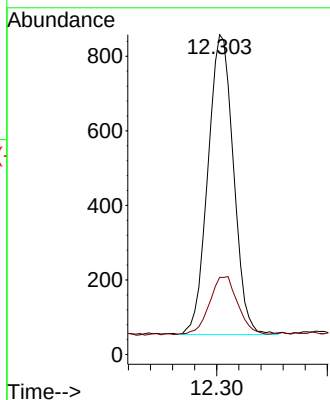
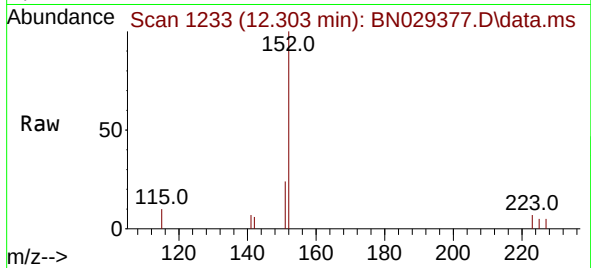




#11
2-Methylnaphthalene-d10
Concen: 0.057 ng
RT: 12.303 min Scan# 11
Delta R.T. -0.003 min
Lab File: BN029377.D
Acq: 24 Jan 2024 12:02

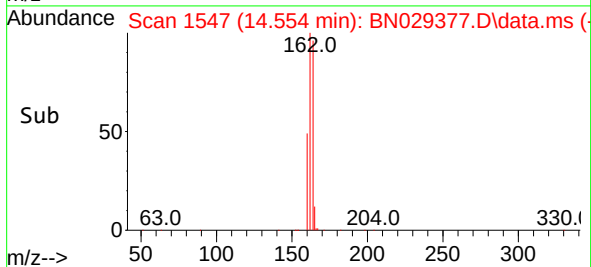
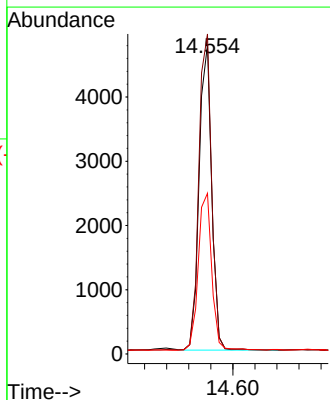
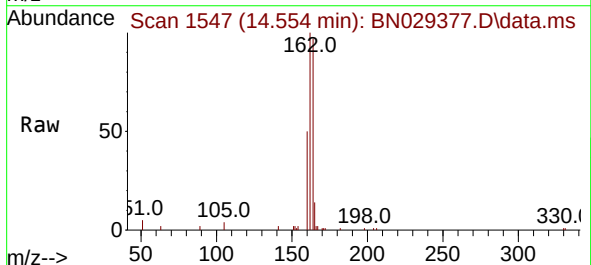
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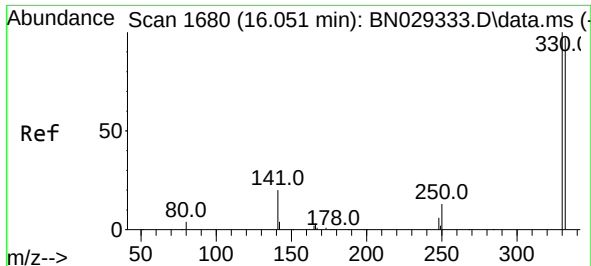
Tgt Ion:152 Resp: 1292
Ion Ratio Lower Upper
152 100
151 21.2 16.9 25.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.554 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BN029377.D
Acq: 24 Jan 2024 12:02

Tgt Ion:164 Resp: 7537
Ion Ratio Lower Upper
164 100
162 103.5 83.5 125.3
160 52.0 42.1 63.1

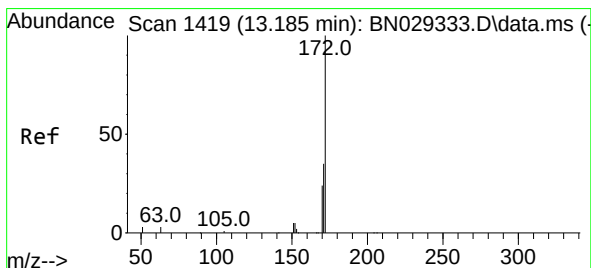
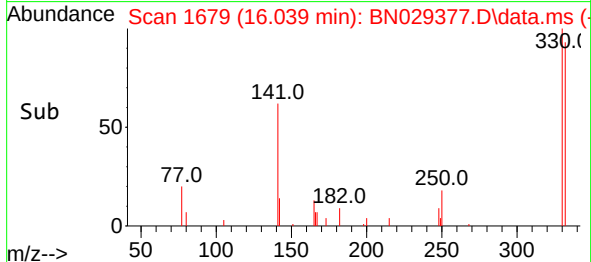
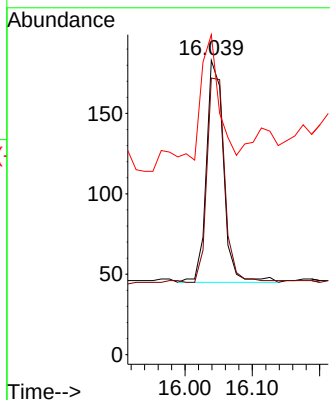
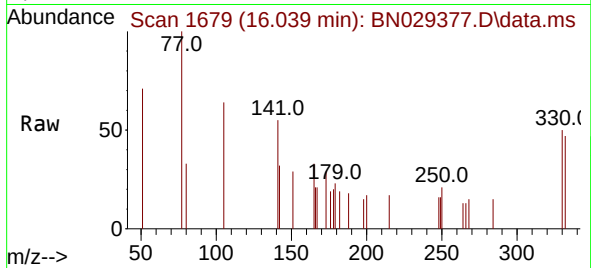




#14
2,4,6-Tribromophenol
Concen: 0.062 ng
RT: 16.039 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BN029377.D
Acq: 24 Jan 2024 12:02

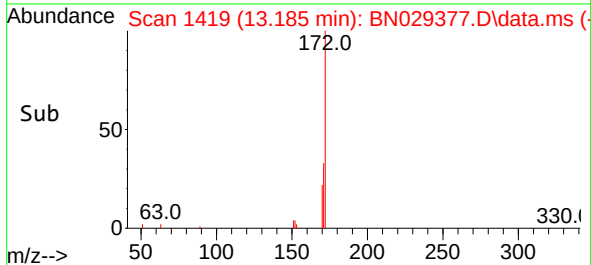
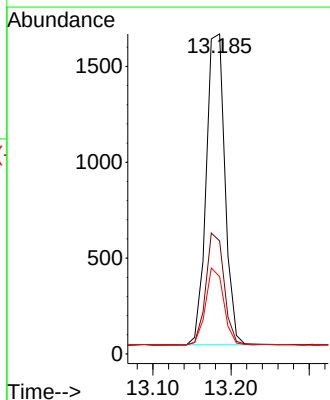
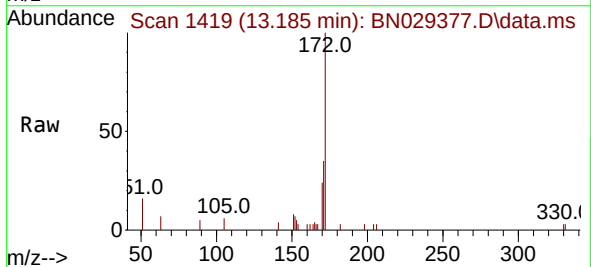
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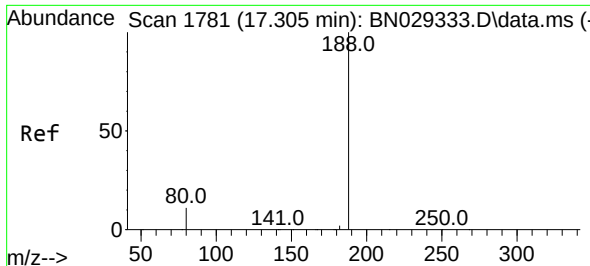
Tgt Ion:330 Resp: 245
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 53.1 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.074 ng
RT: 13.185 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BN029377.D
Acq: 24 Jan 2024 12:02

Tgt Ion:172 Resp: 2703
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 24.1 19.3 28.9

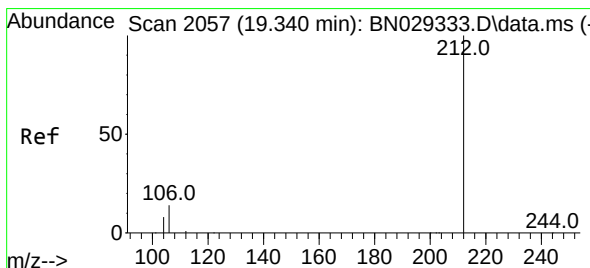
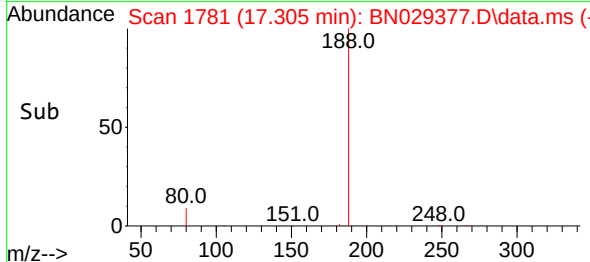
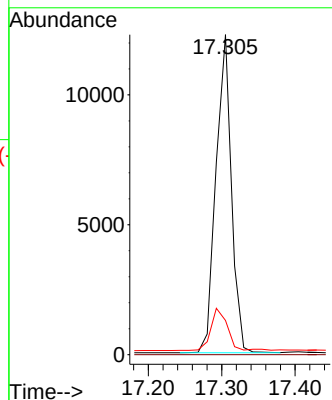
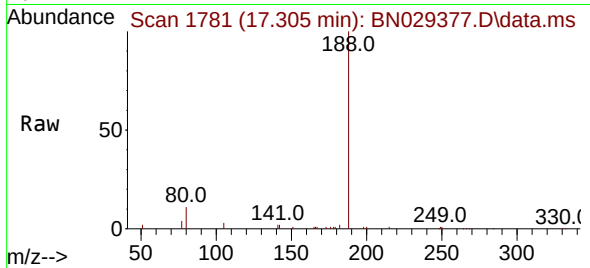




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.305 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BN029377.D
Acq: 24 Jan 2024 12:02

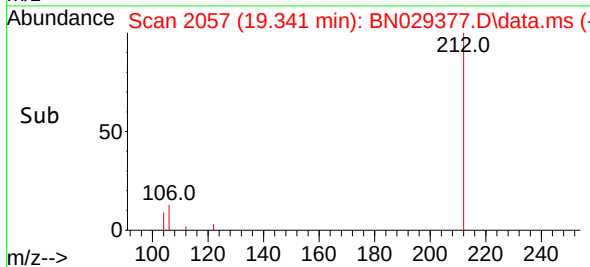
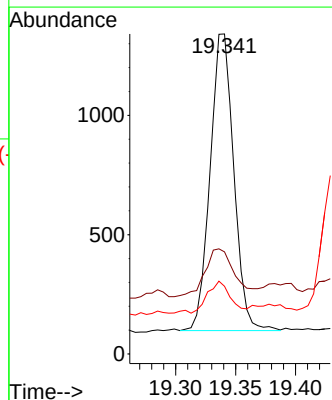
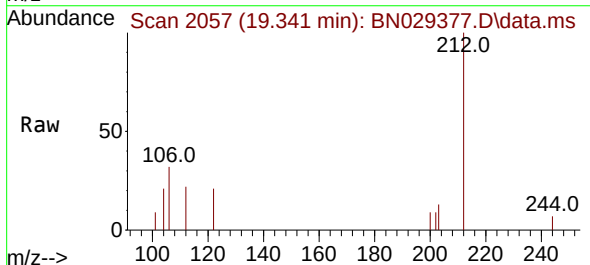
Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-360-362RE

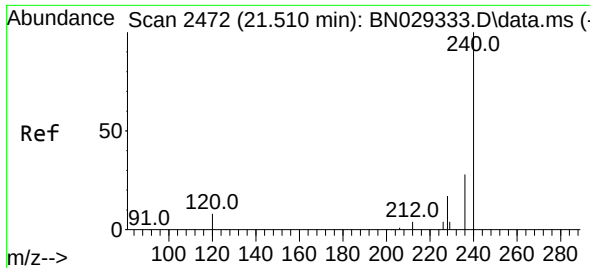
Tgt Ion:188 Resp: 17853
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.7 9.4 14.2



#27
Fluoranthene-d10
Concen: 0.032 ng
RT: 19.341 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BN029377.D
Acq: 24 Jan 2024 12:02

Tgt Ion:212 Resp: 1709
Ion Ratio Lower Upper
212 100
106 19.8 11.4 17.0#
104 10.7 6.8 10.2#

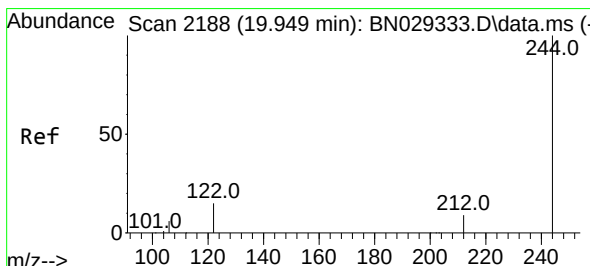
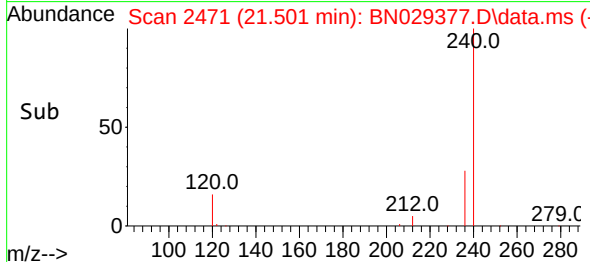
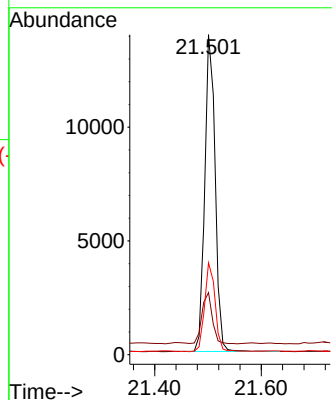
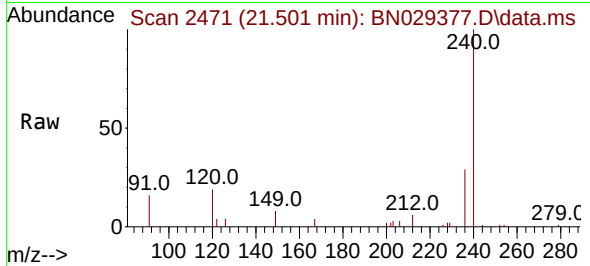




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.501 min Scan# 2472
Delta R.T. -0.009 min
Lab File: BN029377.D
Acq: 24 Jan 2024 12:02

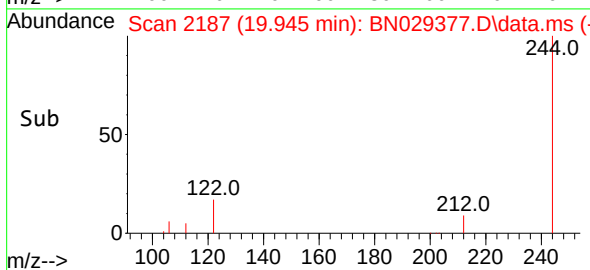
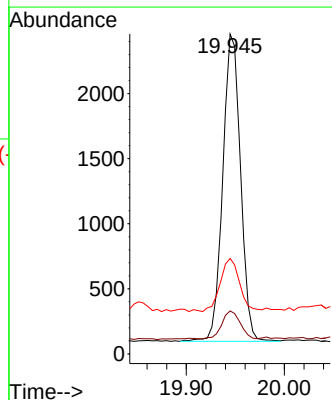
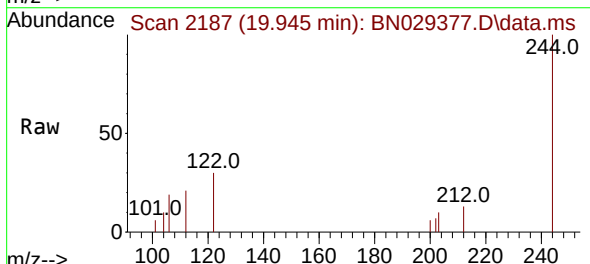
Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-360-362RE

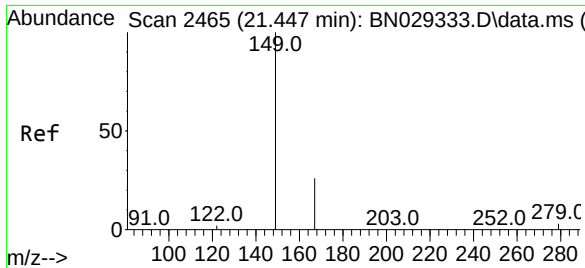
Tgt Ion:240 Resp: 18802
Ion Ratio Lower Upper
240 100
120 19.4 7.8 11.6#
236 28.7 23.0 34.4



#31
Terphenyl-d14
Concen: 0.062 ng
RT: 19.945 min Scan# 2187
Delta R.T. -0.004 min
Lab File: BN029377.D
Acq: 24 Jan 2024 12:02

Tgt Ion:244 Resp: 2980
Ion Ratio Lower Upper
244 100
212 13.5 7.6 11.4#
122 29.9 12.8 19.2#

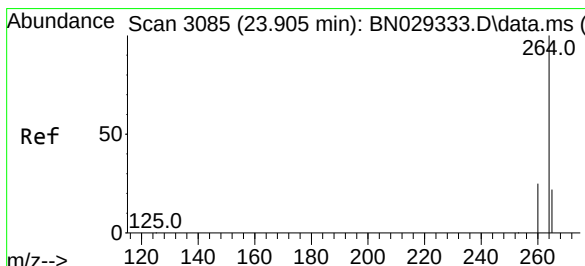
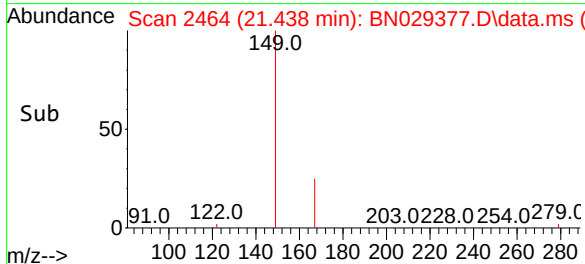
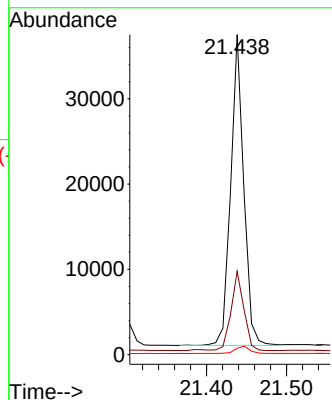
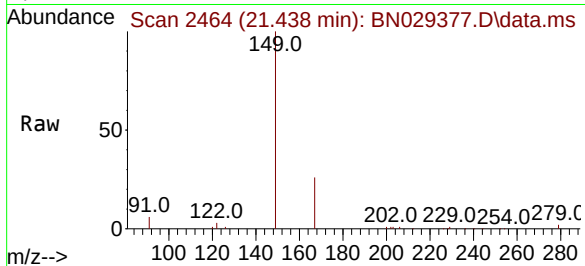




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.957 ng
 RT: 21.438 min Scan# 2464
 Delta R.T. -0.009 min
 Lab File: BN029377.D
 Acq: 24 Jan 2024 12:02

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-195-GW-360-362RE

Tgt Ion:	149	Resp:	41360
Ion Ratio	Lower	Upper	
149	100		
167	25.3	19.9	29.9
279	2.6	2.2	3.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.897 min Scan# 3082
 Delta R.T. -0.008 min
 Lab File: BN029377.D
 Acq: 24 Jan 2024 12:02

Tgt Ion:	264	Resp:	20948
Ion Ratio	Lower	Upper	
264	100		
260	26.1	20.6	31.0
265	29.3	24.8	37.2

