

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037049.D
 Acq On : 19 May 2025 17:27
 Operator : RC/JU
 Sample : Q2050-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-150-152

Quant Time: May 19 23:45:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

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

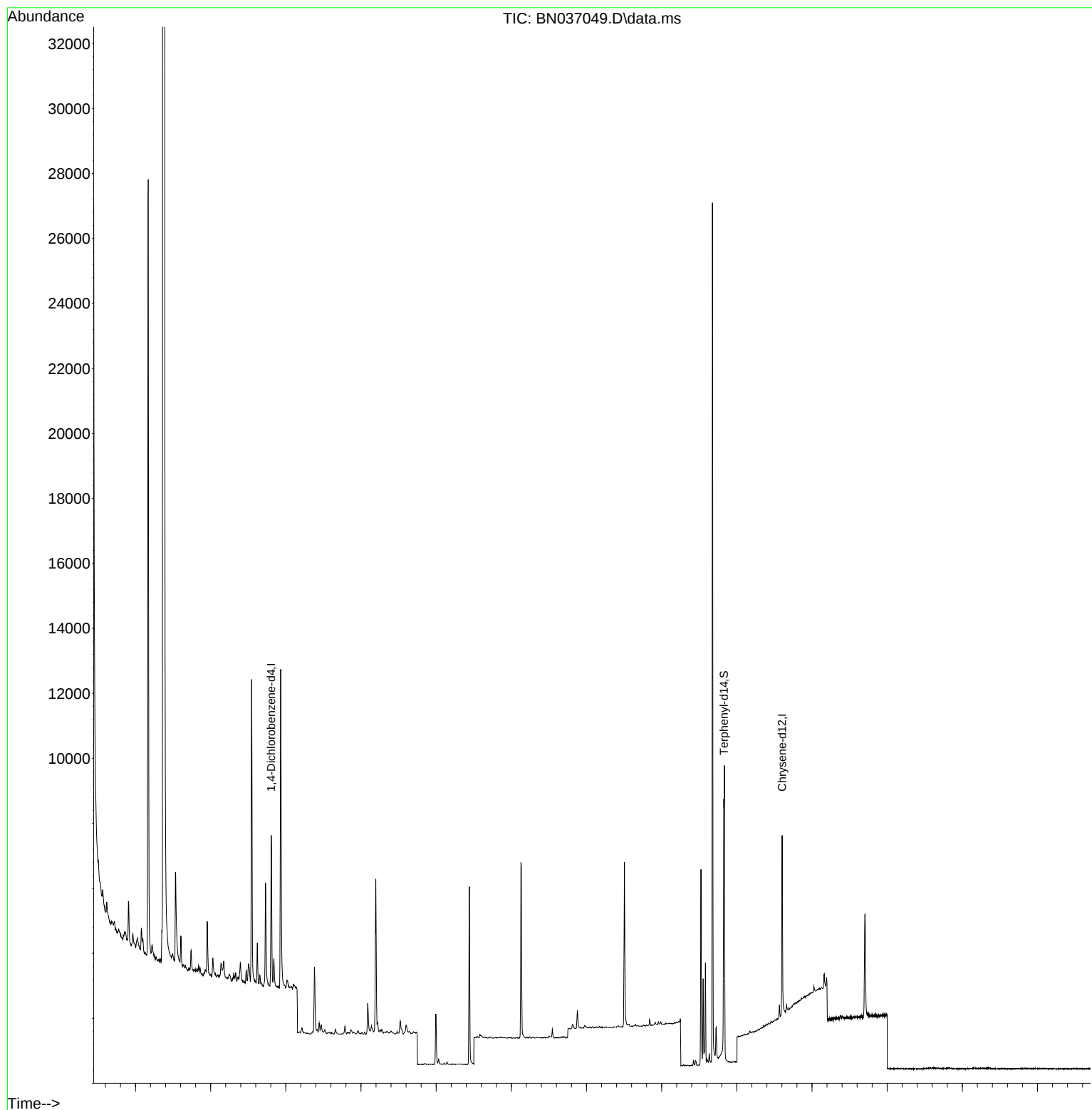
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	2171	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5837	0.400	ng	-0.01
13) Acenaphthene-d10	14.267	164	3378	0.400	ng	0.00
19) Phenanthrene-d10	17.009	188	6626	0.400	ng	# 0.00
29) Chrysene-d12	21.207	240	5279	0.400	ng	# 0.00
35) Perylene-d12	23.407	264	4526	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	568	0.100	ng	0.00
5) Phenol-d6	6.795	99	477	0.067	ng	0.00
8) Nitrobenzene-d5	8.760	82	1801	0.283	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2263	0.275	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	306	0.206	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	5105	0.330	ng	0.00
27) Fluoranthene-d10	19.045	212	6717	0.370	ng	0.00
31) Terphenyl-d14	19.653	244	6559	0.581	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.447	128	382	0.022	ng	# 65
34) Bis(2-ethylhexyl)phtha...	21.135	149	439	0.036	ng	# 97

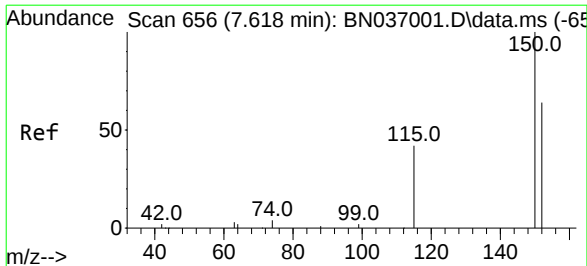
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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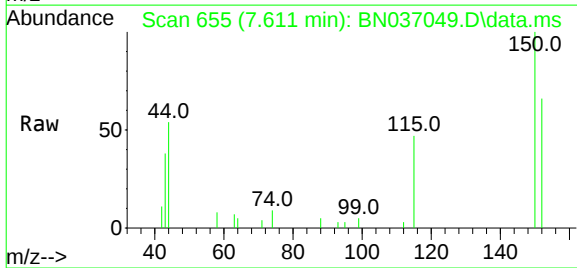
Quant Time: May 19 23:45:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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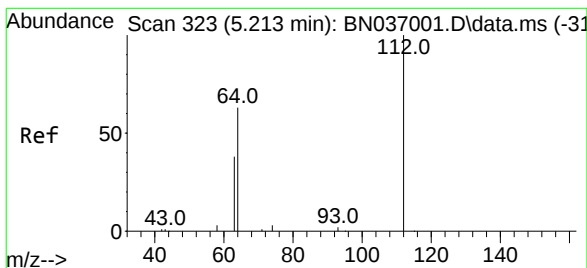
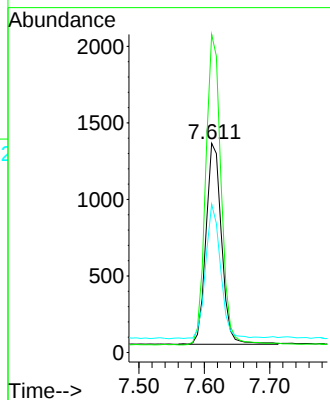
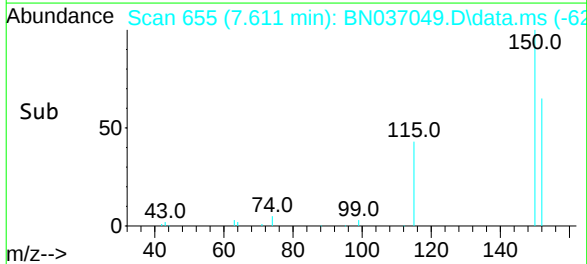


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 65
Delta R.T. -0.007 min
Lab File: BN037049.D
Acq: 19 May 2025 17:27

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-150-152

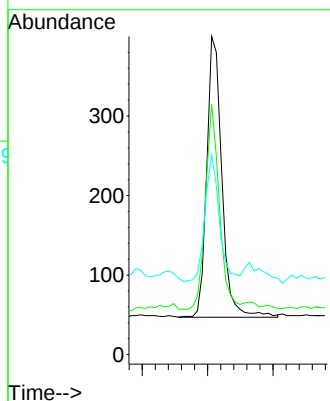
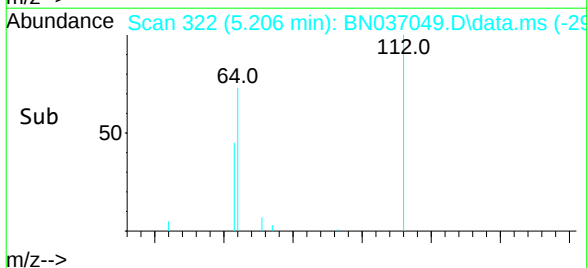
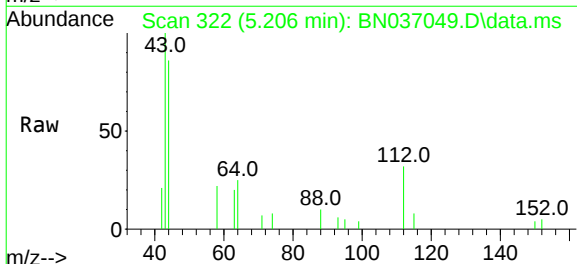


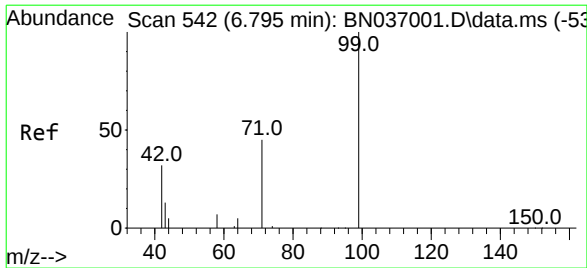
Tgt Ion:152 Resp: 2171
Ion Ratio Lower Upper
152 100
150 152.0 123.9 185.9
115 70.9 55.8 83.8



#4
2-Fluorophenol
Concen: 0.100 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN037049.D
Acq: 19 May 2025 17:27

Tgt Ion:112 Resp: 568
Ion Ratio Lower Upper
112 100
64 66.9 55.7 83.5
63 42.4 34.6 51.8





#5

Phenol-d6

Concen: 0.067 ng

RT: 6.795 min Scan# 54

Delta R.T. 0.000 min

Lab File: BN037049.D

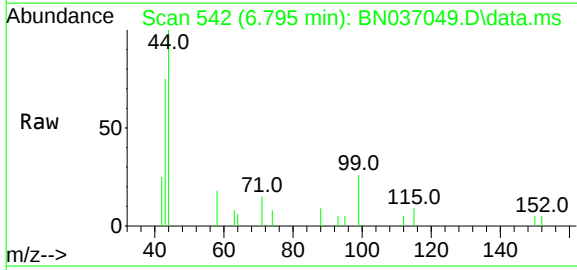
Acq: 19 May 2025 17:27

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-150-152



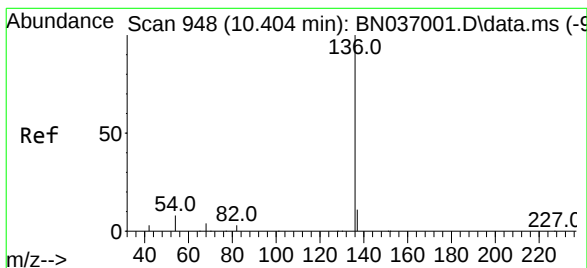
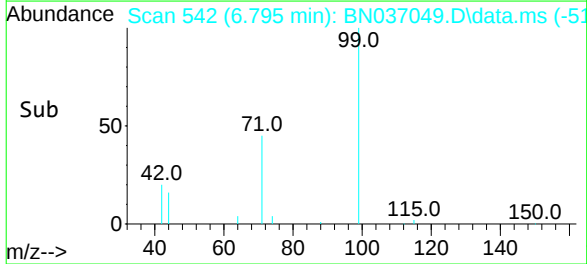
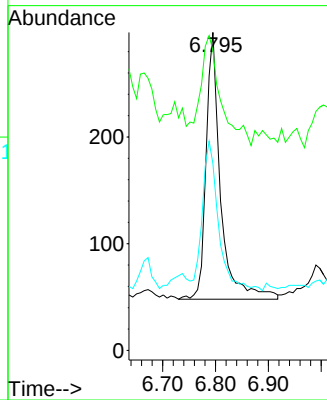
Tgt Ion: 99 Resp: 477

Ion Ratio Lower Upper

99 100

42 55.3 29.3 43.9#

71 62.5 35.7 53.5#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.394 min Scan# 947

Delta R.T. -0.011 min

Lab File: BN037049.D

Acq: 19 May 2025 17:27

Tgt Ion: 136 Resp: 5837

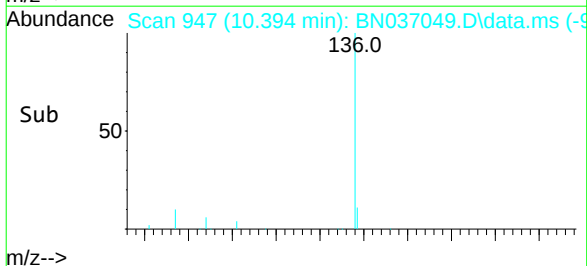
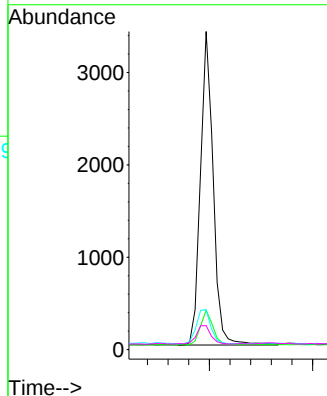
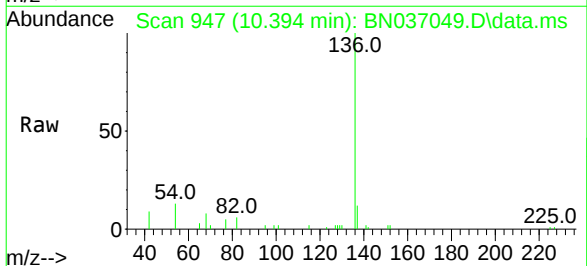
Ion Ratio Lower Upper

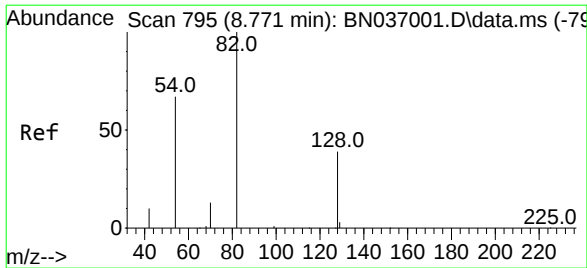
136 100

137 12.4 10.4 15.6

54 12.6 8.5 12.7

68 7.5 5.1 7.7





#8

Nitrobenzene-d5

Concen: 0.283 ng

RT: 8.760 min Scan# 79

Delta R.T. -0.011 min

Lab File: BN037049.D

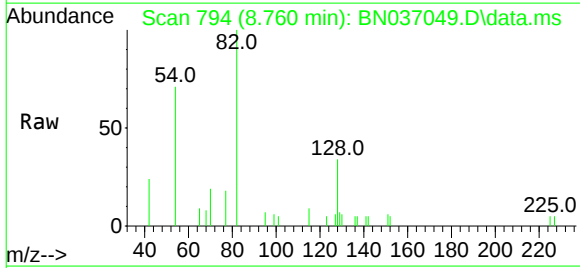
Acq: 19 May 2025 17:27

Instrument :

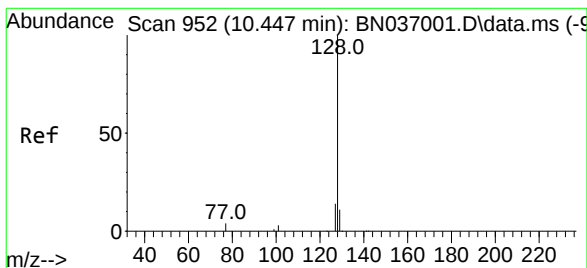
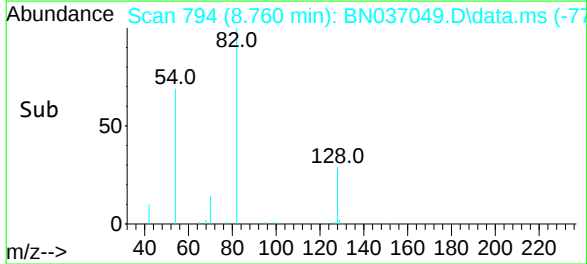
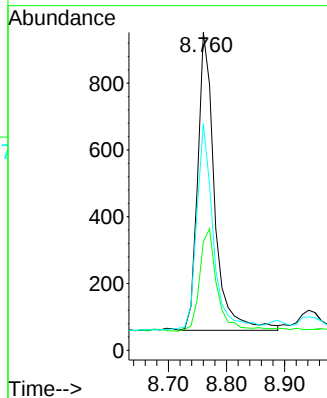
BNA_N

ClientSampleId :

BP-VPB-182-GW-150-152



Tgt Ion:	82	Resp:	1801
Ion	Ratio	Lower	Upper
82	100		
128	34.1	34.0	51.0
54	71.3	55.0	82.4



#9

Naphthalene

Concen: 0.022 ng

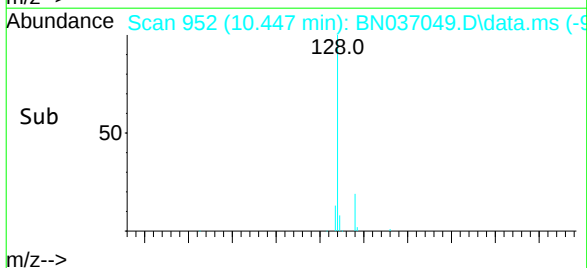
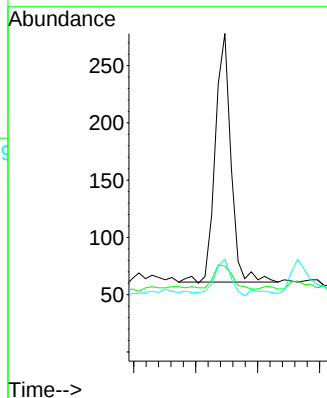
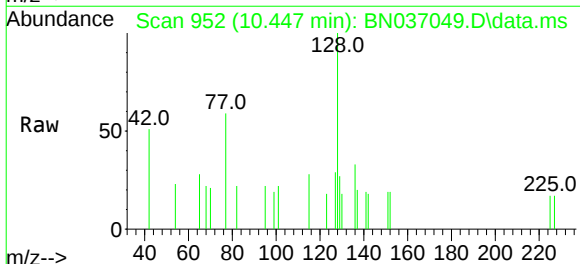
RT: 10.447 min Scan# 952

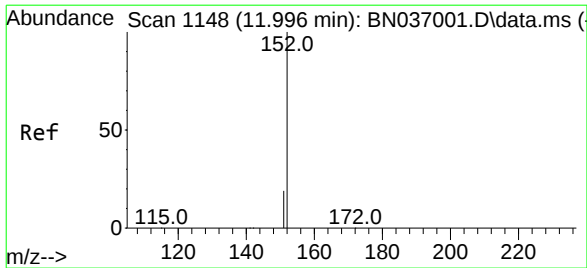
Delta R.T. 0.000 min

Lab File: BN037049.D

Acq: 19 May 2025 17:27

Tgt Ion:	128	Resp:	382
Ion	Ratio	Lower	Upper
128	100		
129	27.0	9.7	14.5#
127	29.1	12.4	18.6#

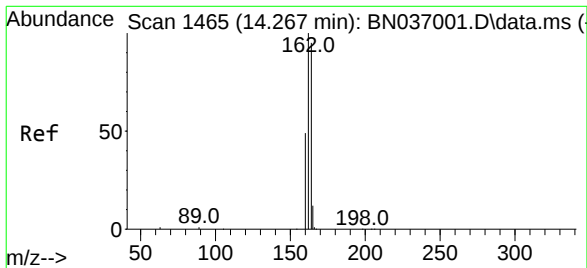
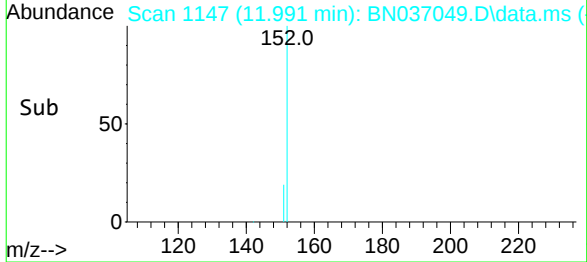
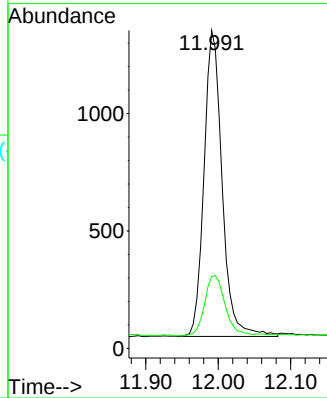
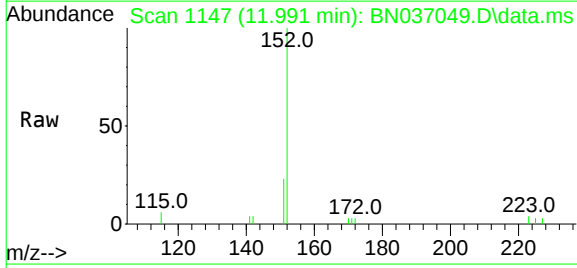




#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 11.991 min Scan# 1148
Delta R.T. -0.005 min
Lab File: BN037049.D
Acq: 19 May 2025 17:27

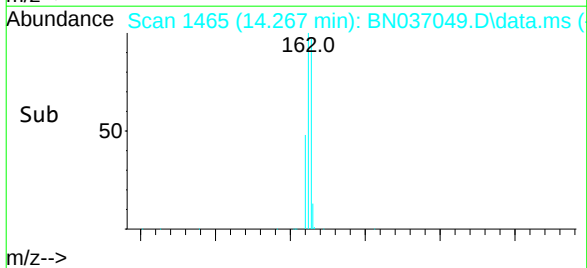
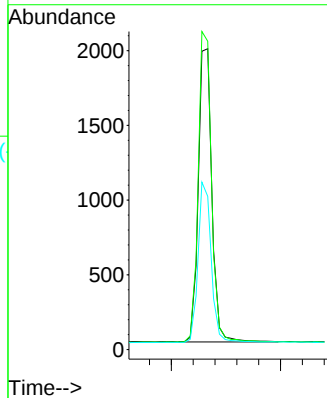
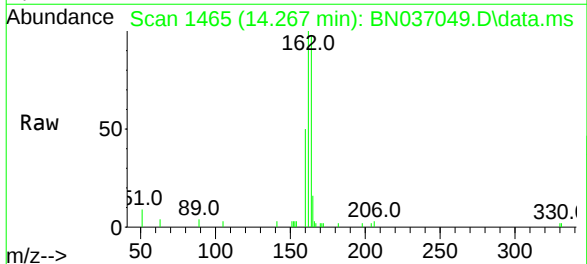
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-150-152

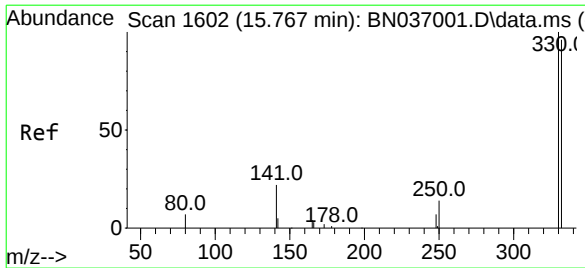
Tgt Ion:152 Resp: 2263
Ion Ratio Lower Upper
152 100
151 22.4 17.5 26.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.267 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN037049.D
Acq: 19 May 2025 17:27

Tgt Ion:164 Resp: 3378
Ion Ratio Lower Upper
164 100
162 102.5 84.2 126.4
160 50.9 42.6 63.8





#14

2,4,6-Tribromophenol

Concen: 0.206 ng

RT: 15.755 min Scan# 16

Delta R.T. -0.012 min

Lab File: BN037049.D

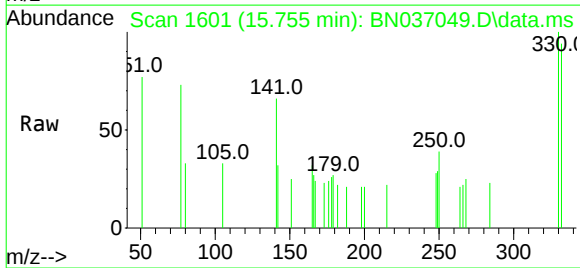
Acq: 19 May 2025 17:27

Instrument :

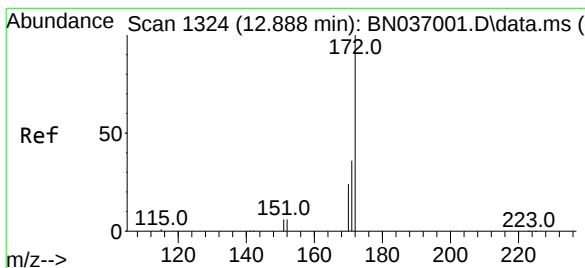
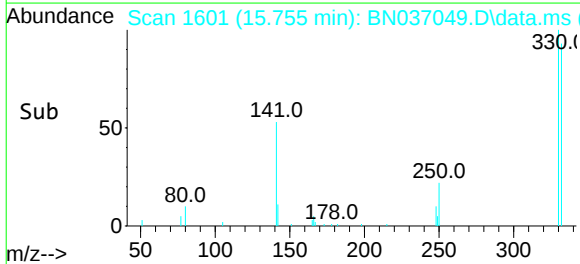
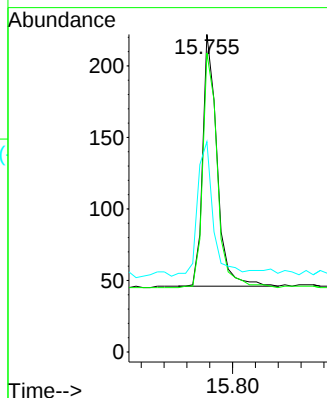
BNA_N

ClientSampleId :

BP-VPB-182-GW-150-152



Tgt Ion:	330	Resp:	306
Ion	Ratio	Lower	Upper
330	100		
332	96.1	73.8	110.8
141	59.5	43.9	65.9



#15

2-Fluorobiphenyl

Concen: 0.330 ng

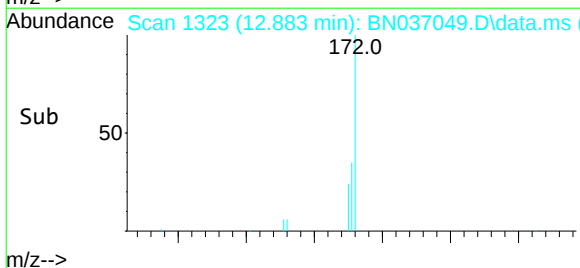
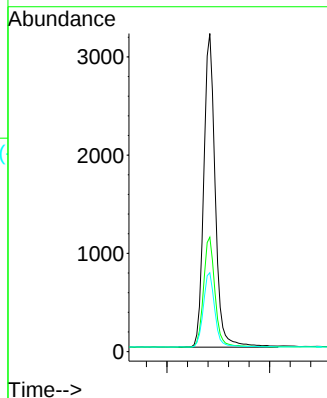
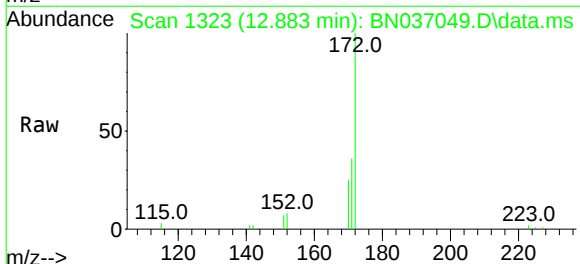
RT: 12.883 min Scan# 1323

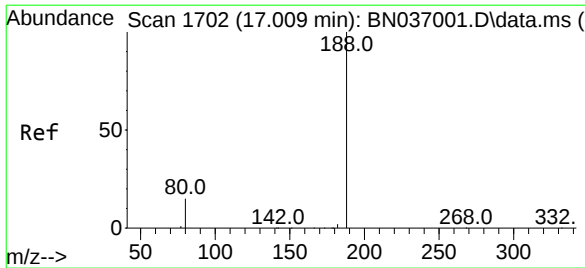
Delta R.T. -0.005 min

Lab File: BN037049.D

Acq: 19 May 2025 17:27

Tgt Ion:	172	Resp:	5105
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	24.8	20.5	30.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.009 min Scan# 17

Delta R.T. 0.000 min

Lab File: BN037049.D

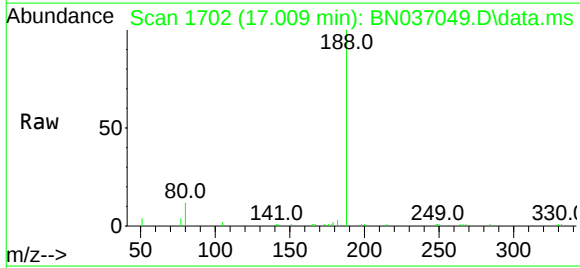
Acq: 19 May 2025 17:27

Instrument :

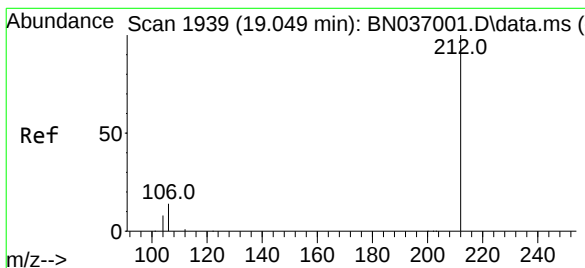
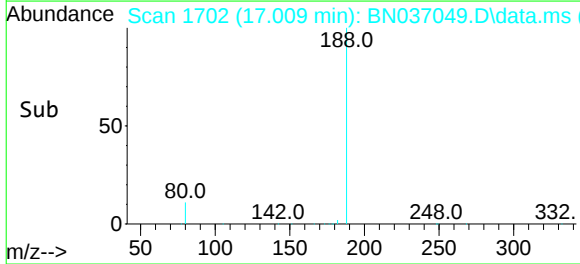
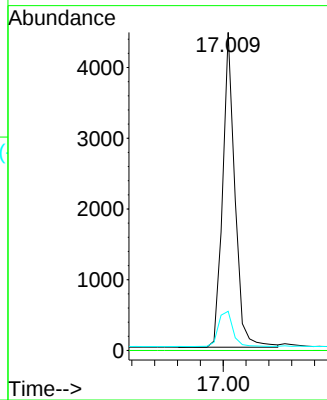
BNA_N

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Tgt Ion:	188	Resp:	6626
Ion Ratio	100	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.3	13.4	20.0



#27

Fluoranthene-d10

Concen: 0.370 ng

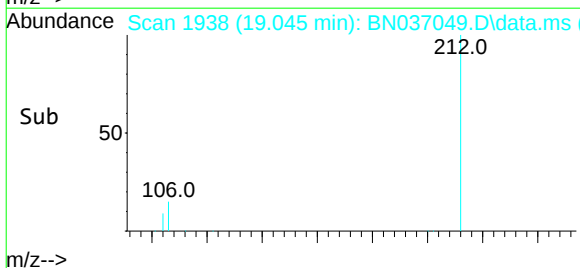
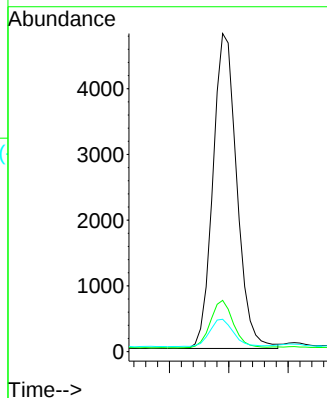
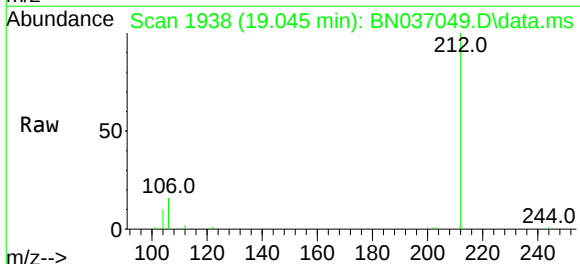
RT: 19.045 min Scan# 1938

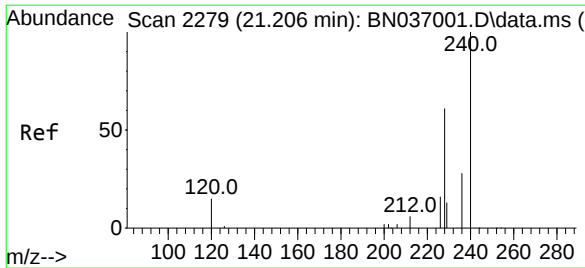
Delta R.T. -0.005 min

Lab File: BN037049.D

Acq: 19 May 2025 17:27

Tgt Ion:	212	Resp:	6717
Ion Ratio	100	Lower	Upper
212	100		
106	14.5	11.3	16.9
104	8.6	6.7	10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.207 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BN037049.D

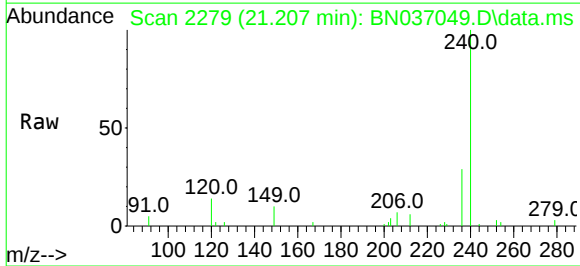
Acq: 19 May 2025 17:27

Instrument :

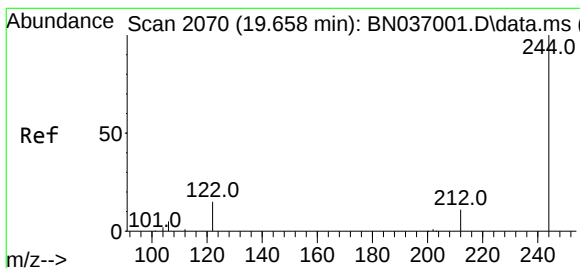
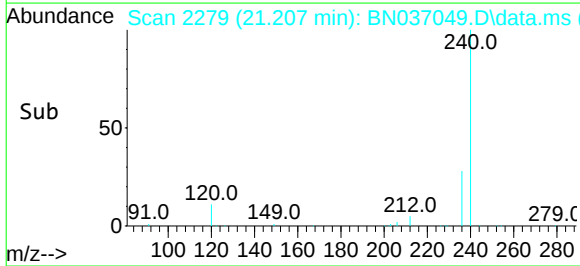
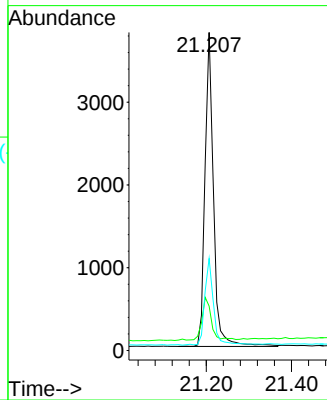
BNA_N

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BP-VPB-182-GW-150-152



Tgt Ion:	240	Resp:	5279
Ion Ratio	Lower	Upper	
240	100		
120	13.9	15.1	22.7#
236	28.9	24.0	36.0



#31

Terphenyl-d14

Concen: 0.581 ng

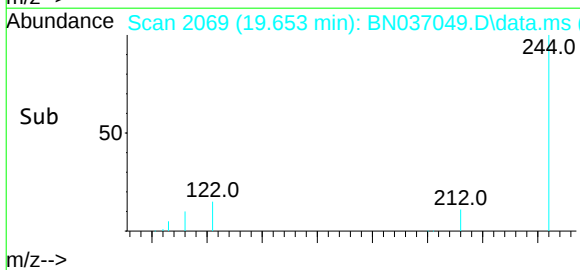
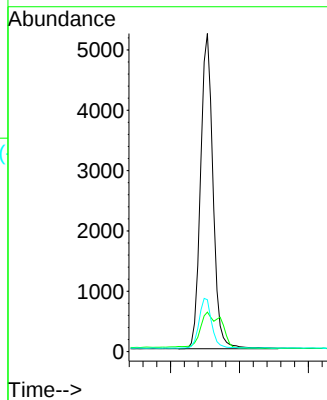
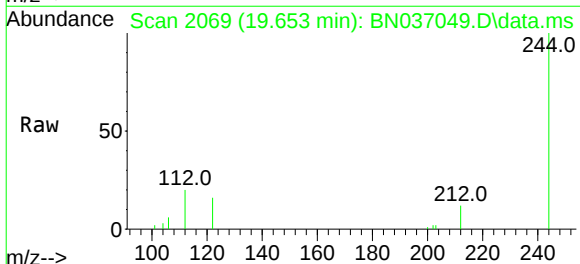
RT: 19.653 min Scan# 2069

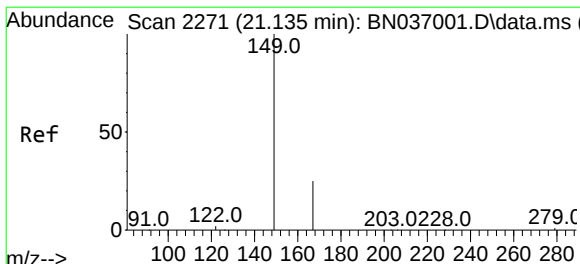
Delta R.T. -0.005 min

Lab File: BN037049.D

Acq: 19 May 2025 17:27

Tgt Ion:	244	Resp:	6559
Ion Ratio	Lower	Upper	
244	100		
212	12.4	9.7	14.5
122	16.3	13.4	20.0

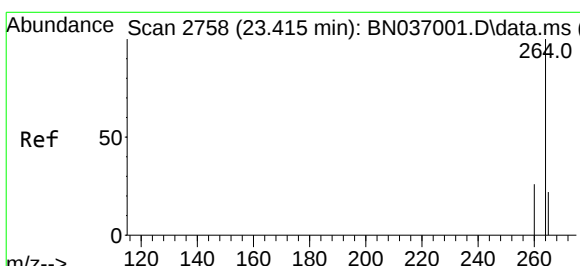
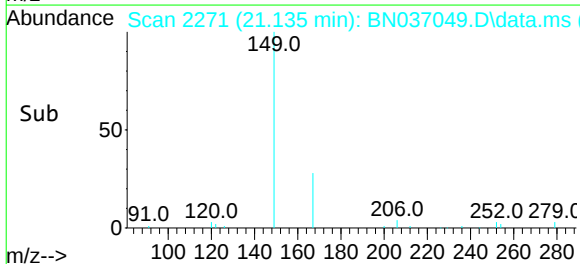
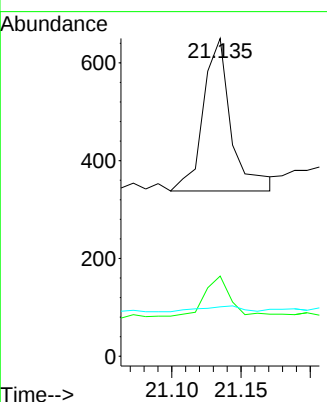
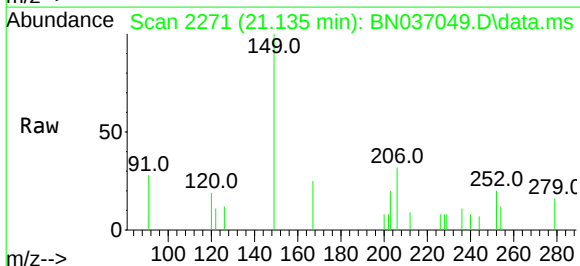




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.036 ng
 RT: 21.135 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BN037049.D
 Acq: 19 May 2025 17:27

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-150-152

Tgt Ion:	149	Resp:	439
Ion Ratio	Lower	Upper	
149	100		
167	24.6	20.6	30.8
279	5.5	2.6	3.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.407 min Scan# 2755
 Delta R.T. -0.009 min
 Lab File: BN037049.D
 Acq: 19 May 2025 17:27

Tgt Ion:	264	Resp:	4526
Ion Ratio	Lower	Upper	
264	100		
260	27.3	21.9	32.9
265	71.7	51.6	77.4

