

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
 Data File : BN037191.D
 Acq On : 09 Jun 2025 12:06
 Operator : RC/JU
 Sample : Q2250-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 09 12:29:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 04 01:52:03 2025
 Response via : Initial Calibration

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

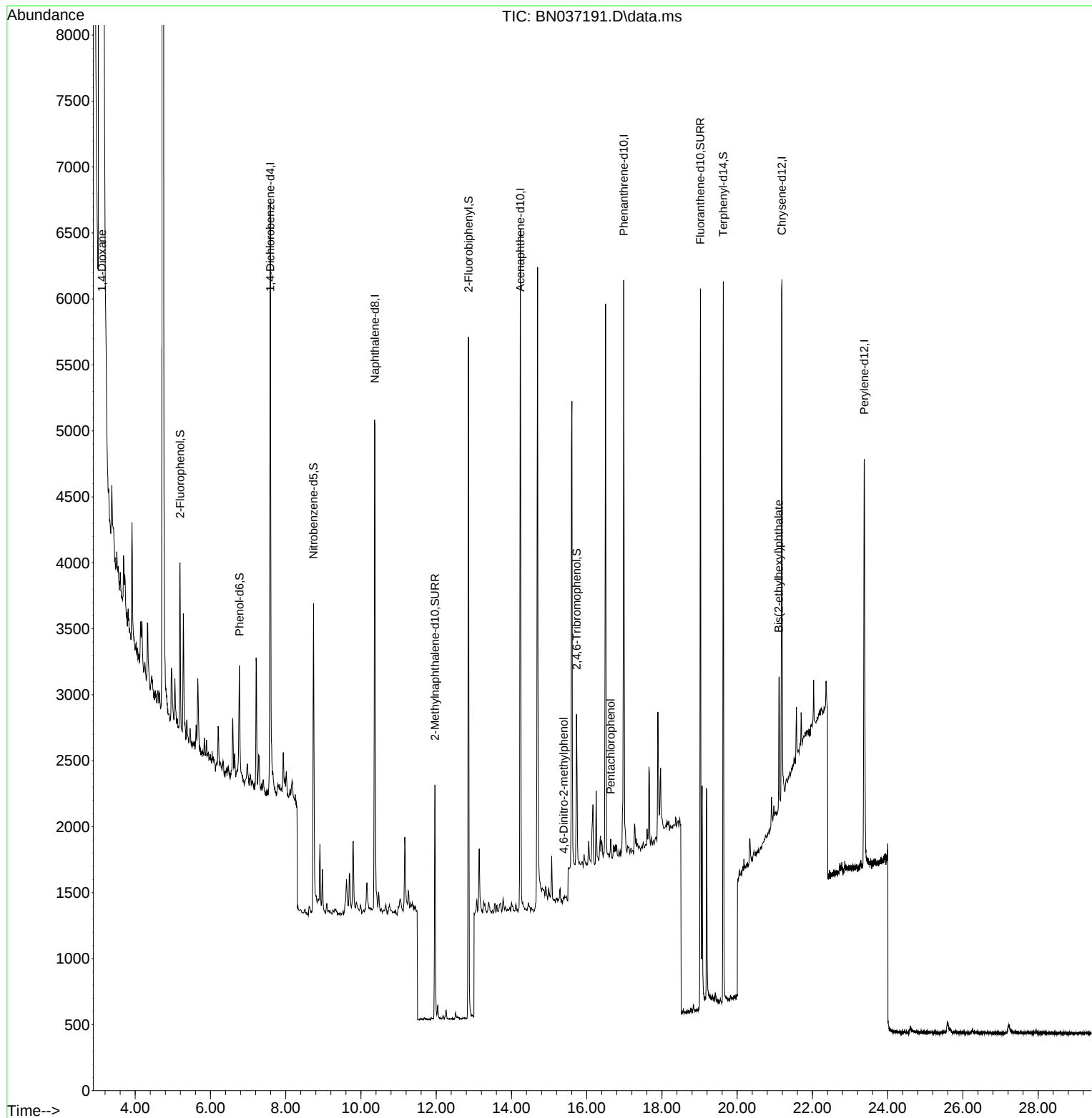
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2013	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	5108	0.400	ng	0.00
13) Acenaphthene-d10	14.234	164	2790	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	5354	0.400	ng	0.00
29) Chrysene-d12	21.189	240	4077	0.400	ng	0.00
35) Perylene-d12	23.377	264	4054	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	923	0.185	ng	0.00
5) Phenol-d6	6.773	99	681	0.113	ng	0.00
8) Nitrobenzene-d5	8.739	82	1925	0.357	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	2472	0.348	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	555	0.494	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	4624	0.389	ng	0.00
27) Fluoranthene-d10	19.021	212	6130	0.451	ng	0.00
31) Terphenyl-d14	19.630	244	4973	0.518	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.119	88	6136	2.287	ng	# 92
20) 4,6-Dinitro-2-methylph...	15.389	198	3	0.276	ng	# 1
24) Pentachlorophenol	16.636	266	91	0.255	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.108	149	1167	0.125	ng	# 97

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

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

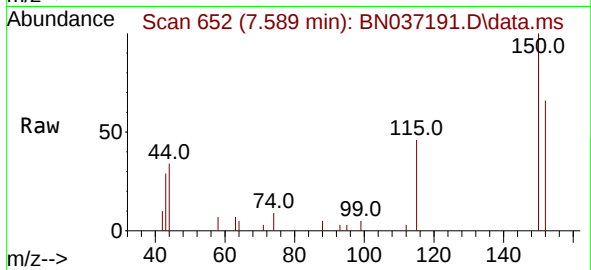
Quant Time: Jun 09 12:29:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration





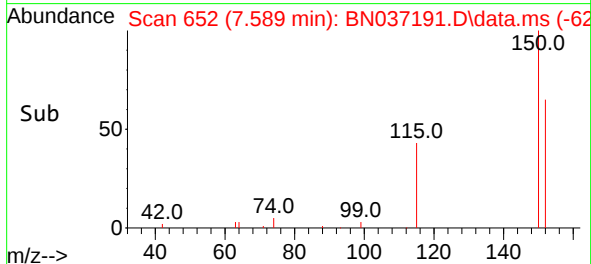
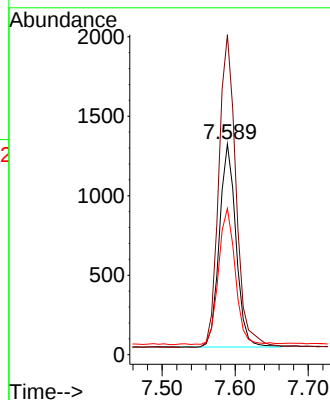
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN037191.D
 Acq: 09 Jun 2025 12:06

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:152 Resp: 2013

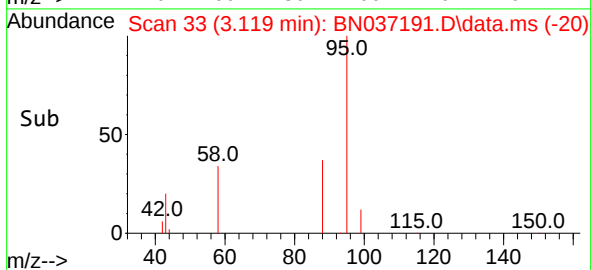
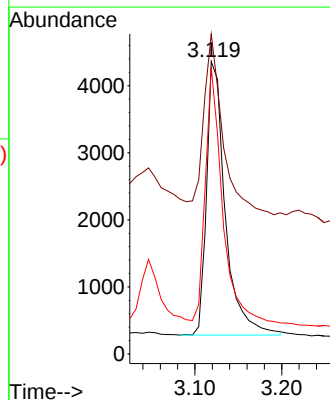
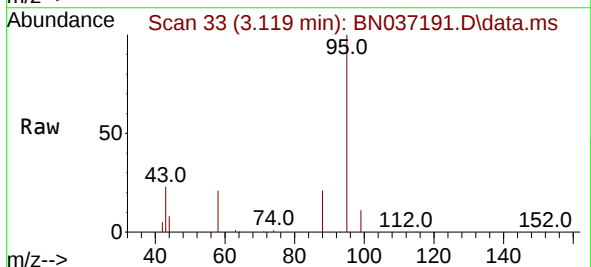
Ion	Ratio	Lower	Upper
152	100		
150	151.8	123.2	184.8
115	69.4	56.6	85.0

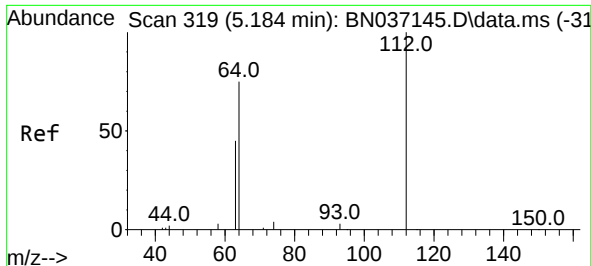


#2
 1,4-Dioxane
 Concen: 2.287 ng
 RT: 3.119 min Scan# 33
 Delta R.T. -0.007 min
 Lab File: BN037191.D
 Acq: 09 Jun 2025 12:06

Tgt Ion: 88 Resp: 6136

Ion	Ratio	Lower	Upper
88	100		
43	68.0	43.5	65.3#
58	84.8	67.7	101.5

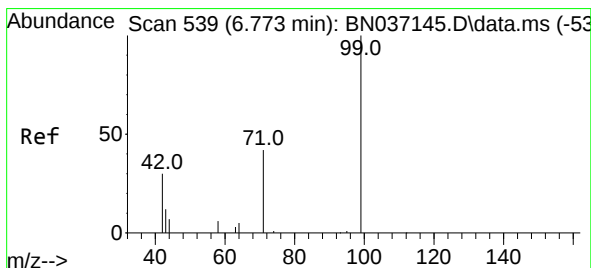
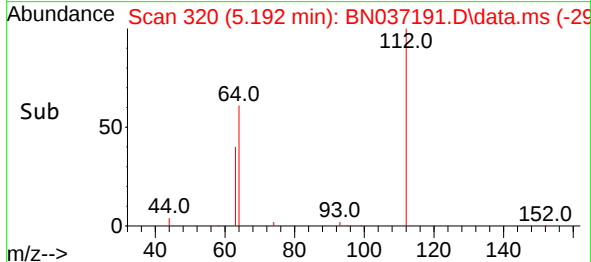
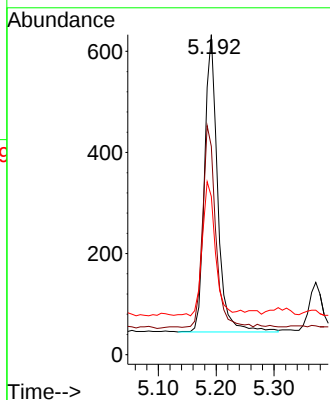
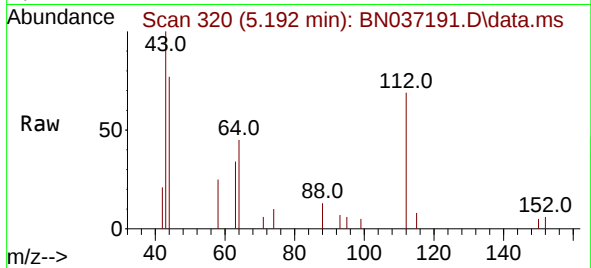




#4
2-Fluorophenol
Concen: 0.185 ng
RT: 5.192 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN037191.D
Acq: 09 Jun 2025 12:06

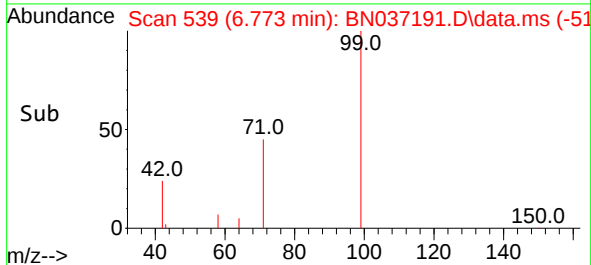
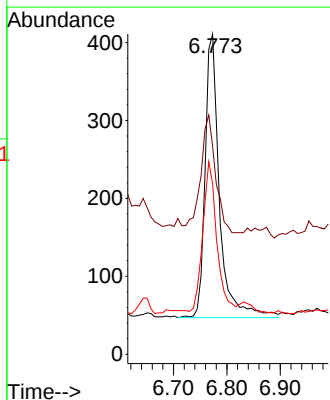
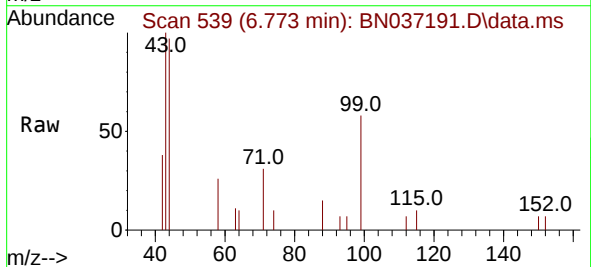
Instrument :
BNA_N
ClientSampleId :

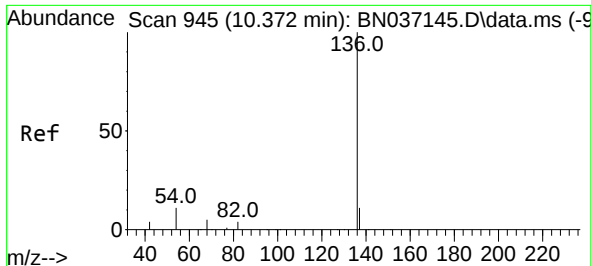
Tgt Ion:112 Resp: 923
Ion Ratio Lower Upper
112 100
64 67.2 56.3 84.5
63 44.4 36.2 54.4



#5
Phenol-d6
Concen: 0.113 ng
RT: 6.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037191.D
Acq: 09 Jun 2025 12:06

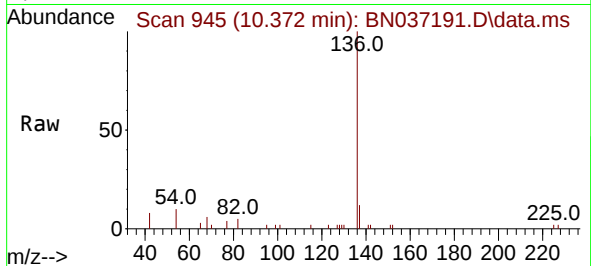
Tgt Ion: 99 Resp: 681
Ion Ratio Lower Upper
99 100
42 42.9 31.3 46.9
71 52.7 38.2 57.2



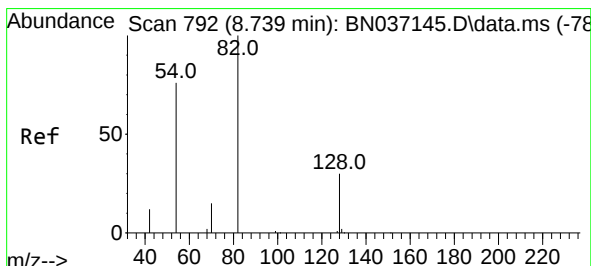
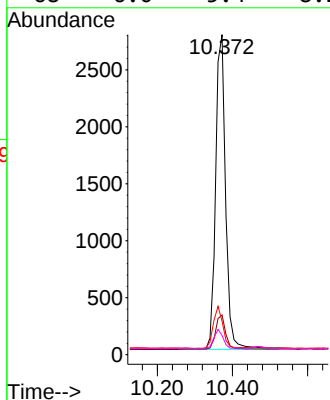
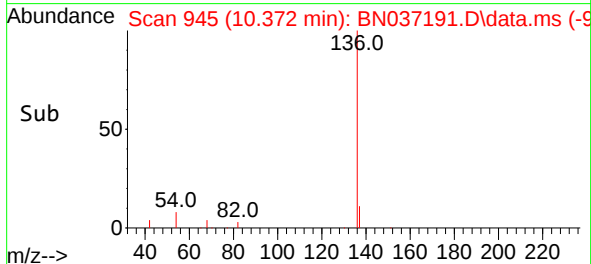


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037191.D
Acq: 09 Jun 2025 12:06

Instrument :
BNA_N
ClientSampleId :

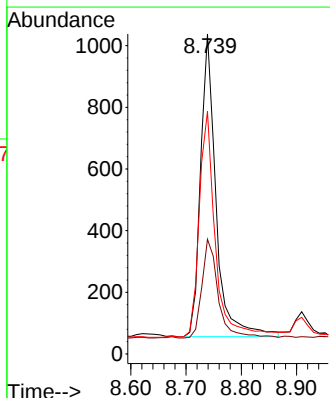
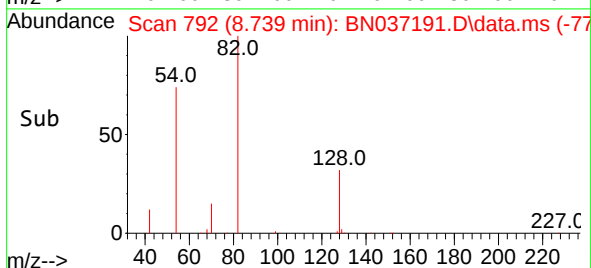
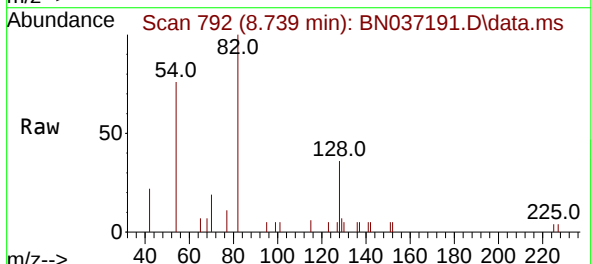


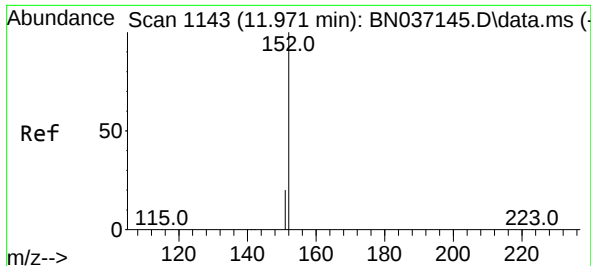
Tgt Ion:	136	Resp:	5108
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.7	14.5
54	10.5	9.7	14.5
68	6.0	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.357 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037191.D
Acq: 09 Jun 2025 12:06

Tgt Ion:	82	Resp:	1925
Ion	Ratio	Lower	Upper
82	100		
128	35.8	26.9	40.3
54	75.8	61.4	92.2

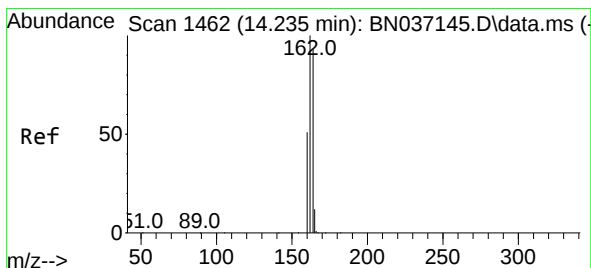
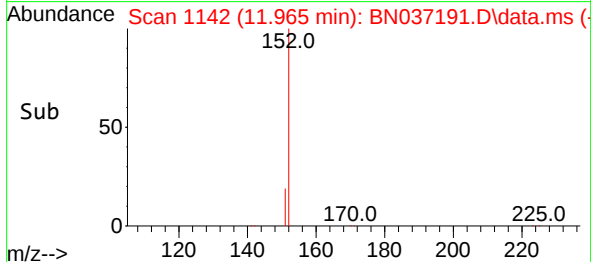
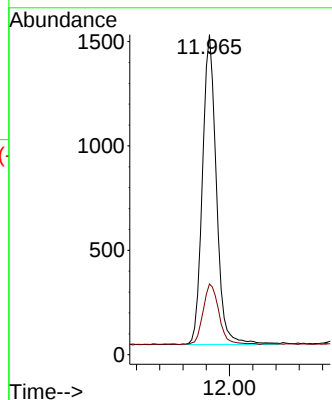
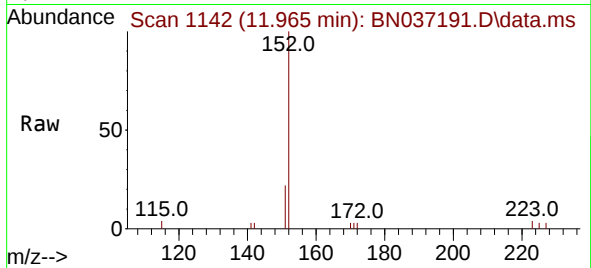




#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 11.965 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037191.D
Acq: 09 Jun 2025 12:06

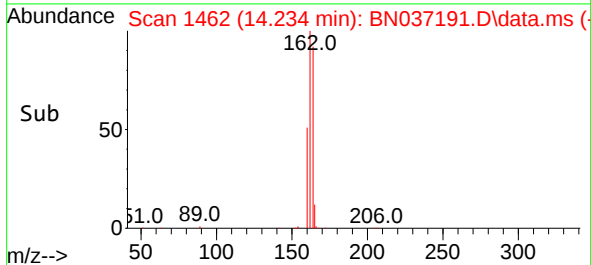
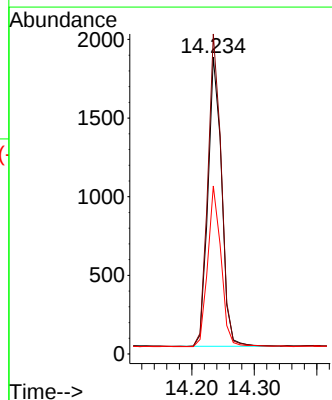
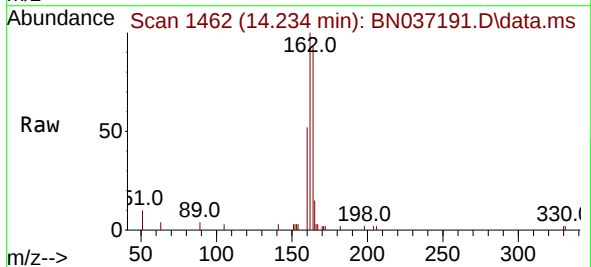
Instrument :
BNA_N
ClientSampleId :

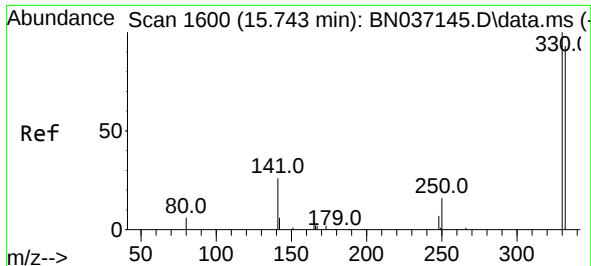
Tgt Ion:152 Resp: 2472
Ion Ratio Lower Upper
152 100
151 22.3 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.234 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037191.D
Acq: 09 Jun 2025 12:06

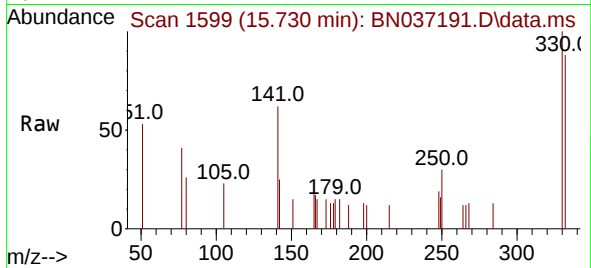
Tgt Ion:164 Resp: 2790
Ion Ratio Lower Upper
164 100
162 107.7 85.5 128.3
160 56.5 44.6 67.0



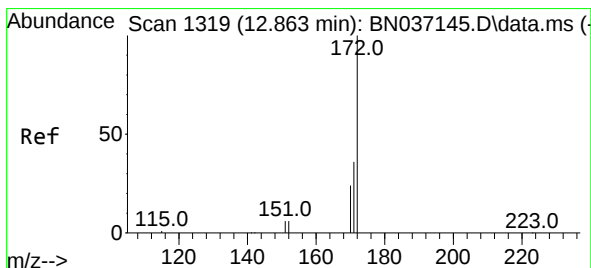
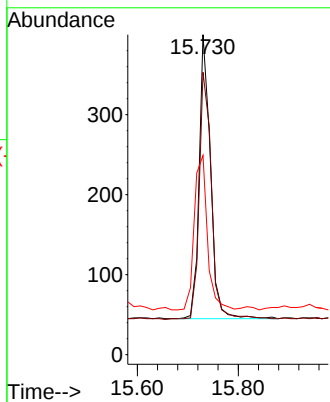
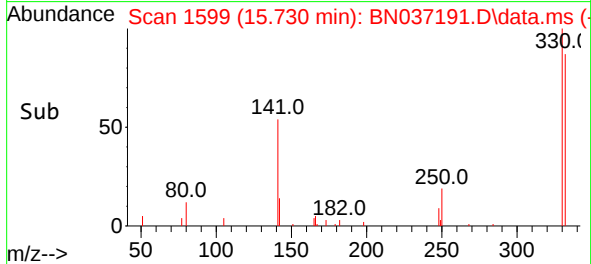


#14
2,4,6-Tribromophenol
Concen: 0.494 ng
RT: 15.730 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN037191.D
Acq: 09 Jun 2025 12:06

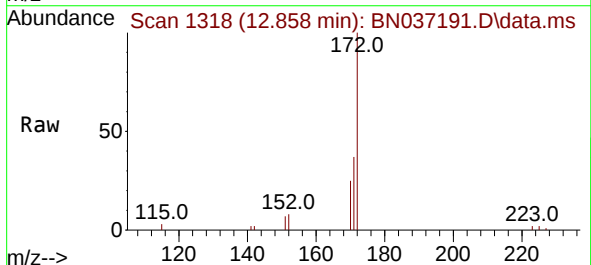
Instrument :
BNA_N
ClientSampleId :



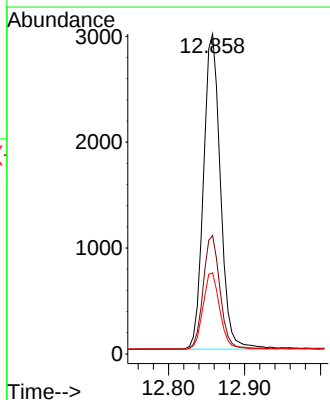
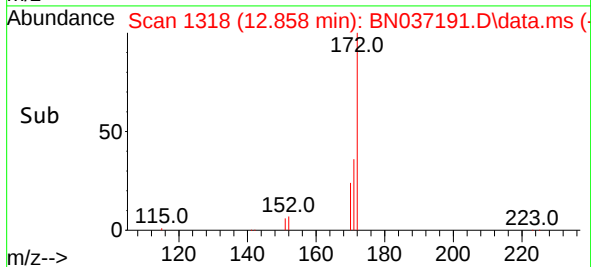
Tgt Ion:330 Resp: 555
Ion Ratio Lower Upper
330 100
332 95.0 77.1 115.7
141 62.9 46.4 69.6

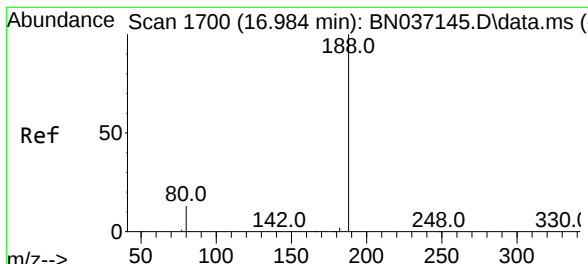


#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 12.858 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN037191.D
Acq: 09 Jun 2025 12:06



Tgt Ion:172 Resp: 4624
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 25.3 20.3 30.5

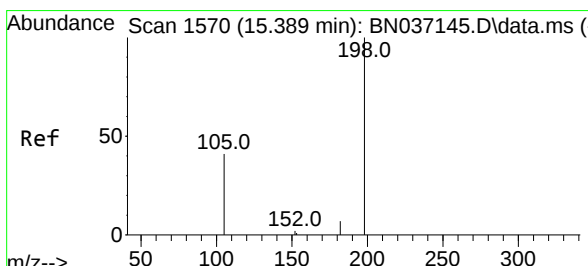
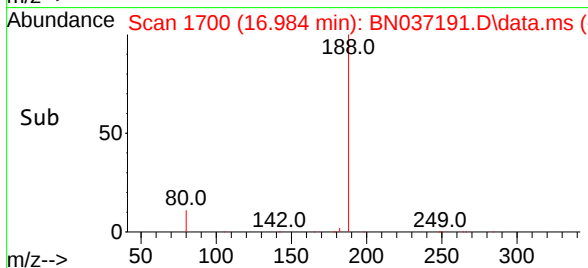
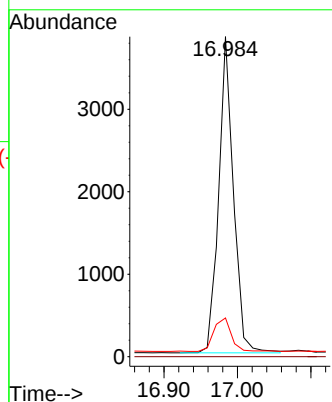
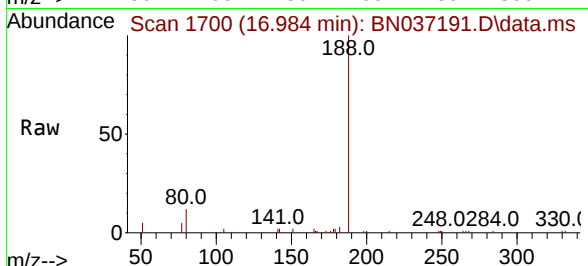




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.984 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN037191.D
 Acq: 09 Jun 2025 12:06

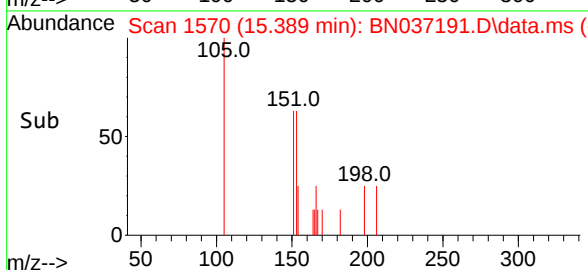
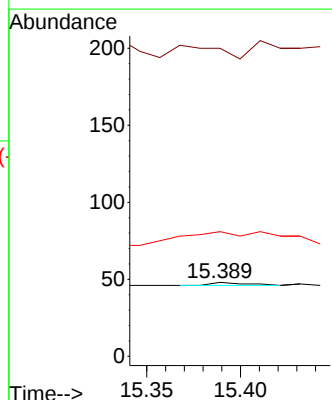
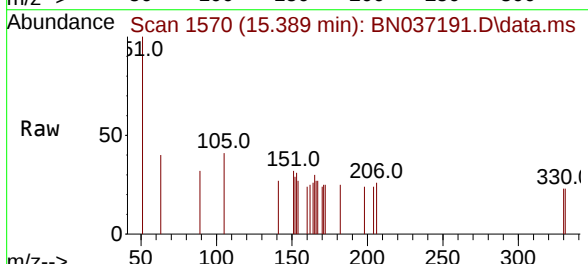
Instrument :
 BNA_N
 ClientSampleId :

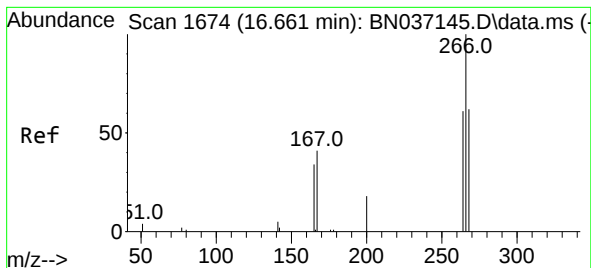
Tgt Ion:188	Resp:	5354
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	12.1	11.3 16.9



#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.276 ng
 RT: 15.389 min Scan# 1570
 Delta R.T. 0.000 min
 Lab File: BN037191.D
 Acq: 09 Jun 2025 12:06

Tgt Ion:198	Resp:	3
Ion Ratio	Lower	Upper
198	100	
51	416.7	125.2 187.8#
105	168.8	57.1 85.7#





#24

Pentachlorophenol

Concen: 0.255 ng

RT: 16.636 min Scan# 1672

Delta R.T. -0.025 min

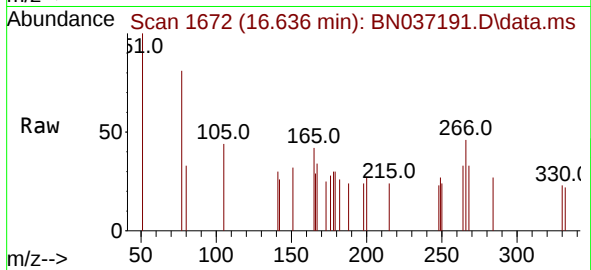
Lab File: BN037191.D

Acq: 09 Jun 2025 12:06

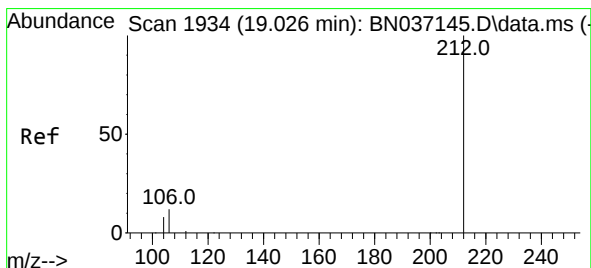
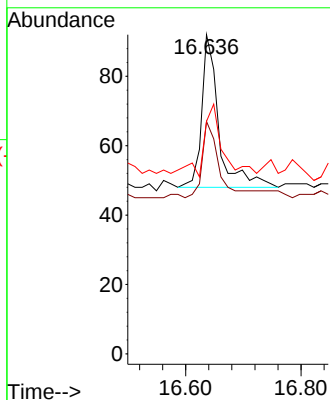
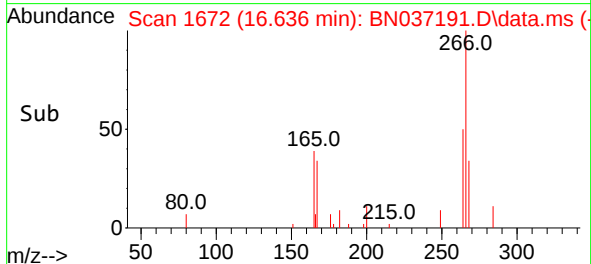
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	266	Resp:	91
Ion Ratio	Lower	Upper	
266	100		
264	48.4	49.3	73.9#
268	46.2	49.0	73.4#



#27

Fluoranthene-d10

Concen: 0.451 ng

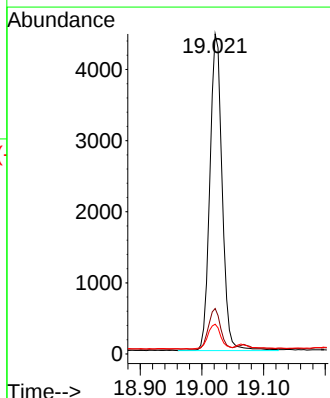
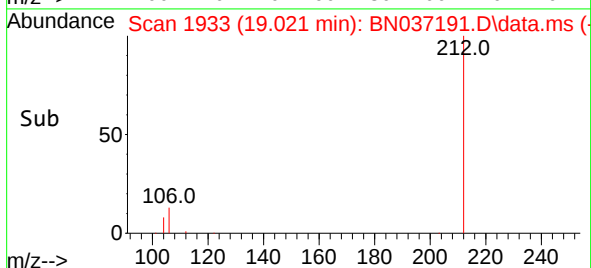
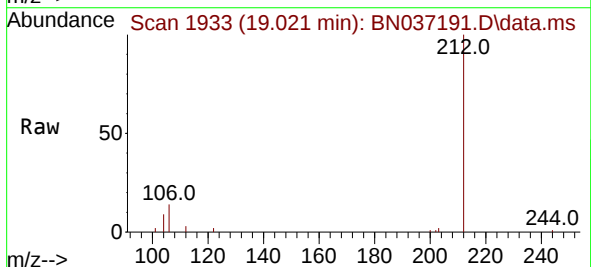
RT: 19.021 min Scan# 1933

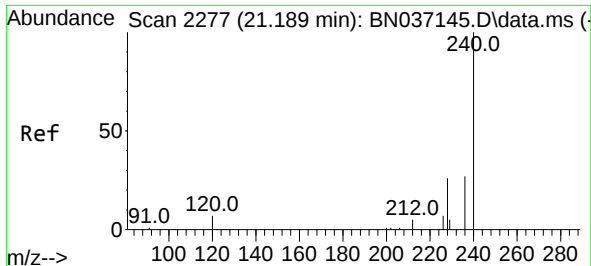
Delta R.T. -0.005 min

Lab File: BN037191.D

Acq: 09 Jun 2025 12:06

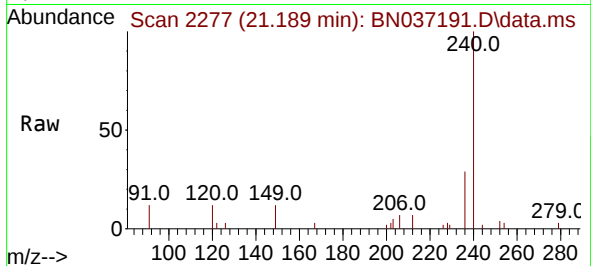
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Ion Ratio	Lower	Upper	
212	100		
106	12.6	10.6	15.8
104	8.2	6.6	9.8



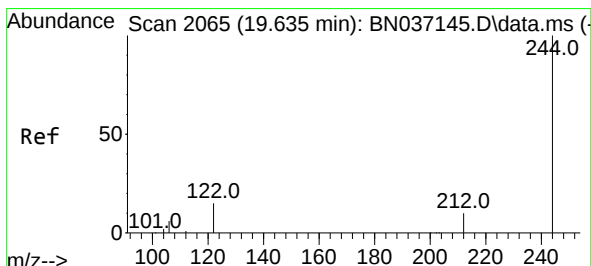
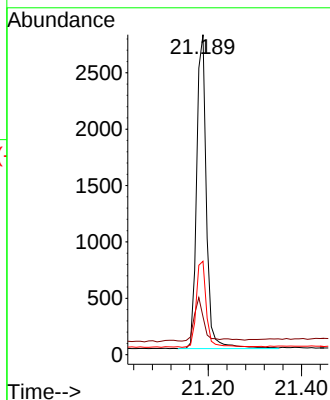
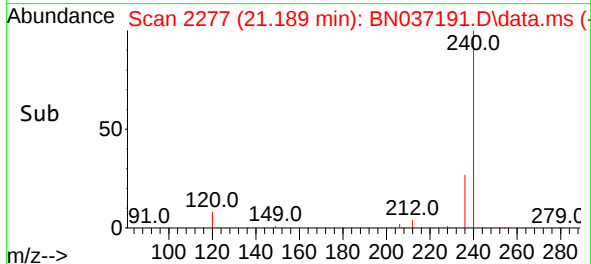


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN037191.D
Acq: 09 Jun 2025 12:06

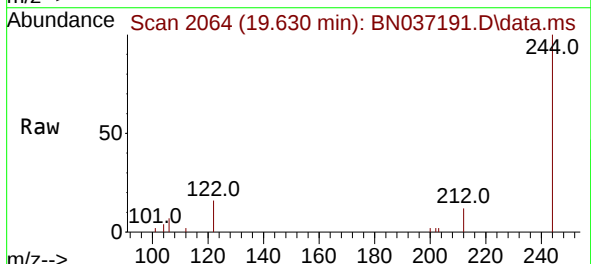
Instrument :
BNA_N
ClientSampleId :



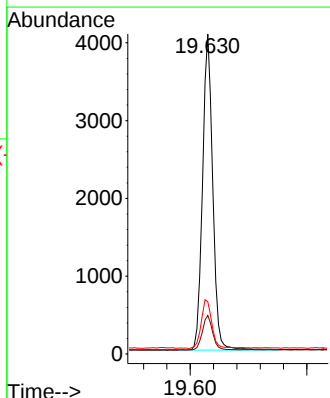
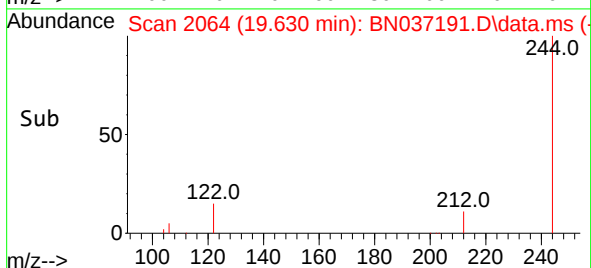
Tgt Ion:240 Resp: 4077
Ion Ratio Lower Upper
240 100
120 11.8 9.0 13.4
236 29.2 23.0 34.4

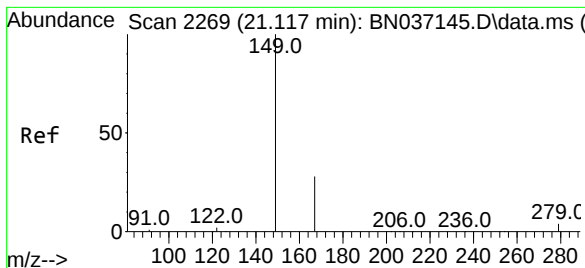


#31
Terphenyl-d14
Concen: 0.518 ng
RT: 19.630 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN037191.D
Acq: 09 Jun 2025 12:06



Tgt Ion:244 Resp: 4973
Ion Ratio Lower Upper
244 100
212 12.1 10.0 15.0
122 16.3 13.2 19.8

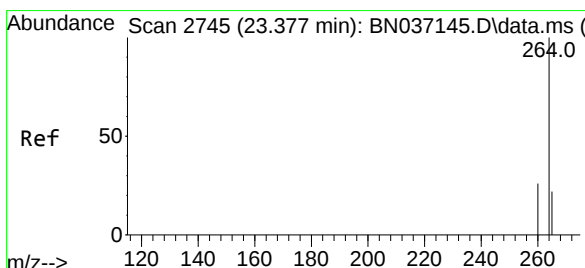
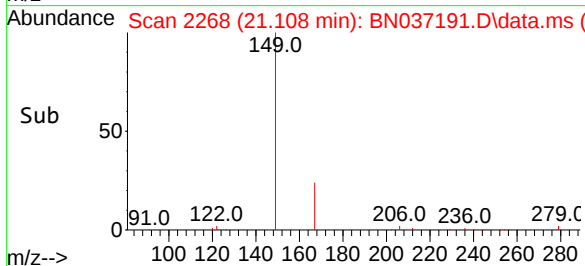
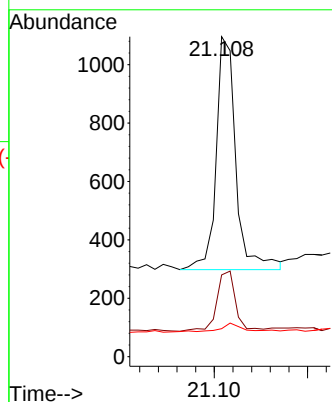
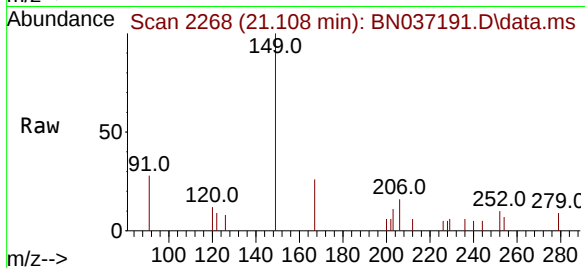




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.125 ng
 RT: 21.108 min Scan# 21108
 Delta R.T. -0.009 min
 Lab File: BN037191.D
 Acq: 09 Jun 2025 12:06

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 1167
 Ion Ratio Lower Upper
 149 100
 167 24.7 21.0 31.4
 279 3.3 2.9 4.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.377 min Scan# 2745
 Delta R.T. -0.000 min
 Lab File: BN037191.D
 Acq: 09 Jun 2025 12:06

Tgt Ion:264 Resp: 4054
 Ion Ratio Lower Upper
 264 100
 260 27.4 22.1 33.1
 265 61.9 55.8 83.8

