

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
 Data File : BN037197.D
 Acq On : 09 Jun 2025 18:15
 Operator : RC/JU
 Sample : Q2253-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 10 10:36:00 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)

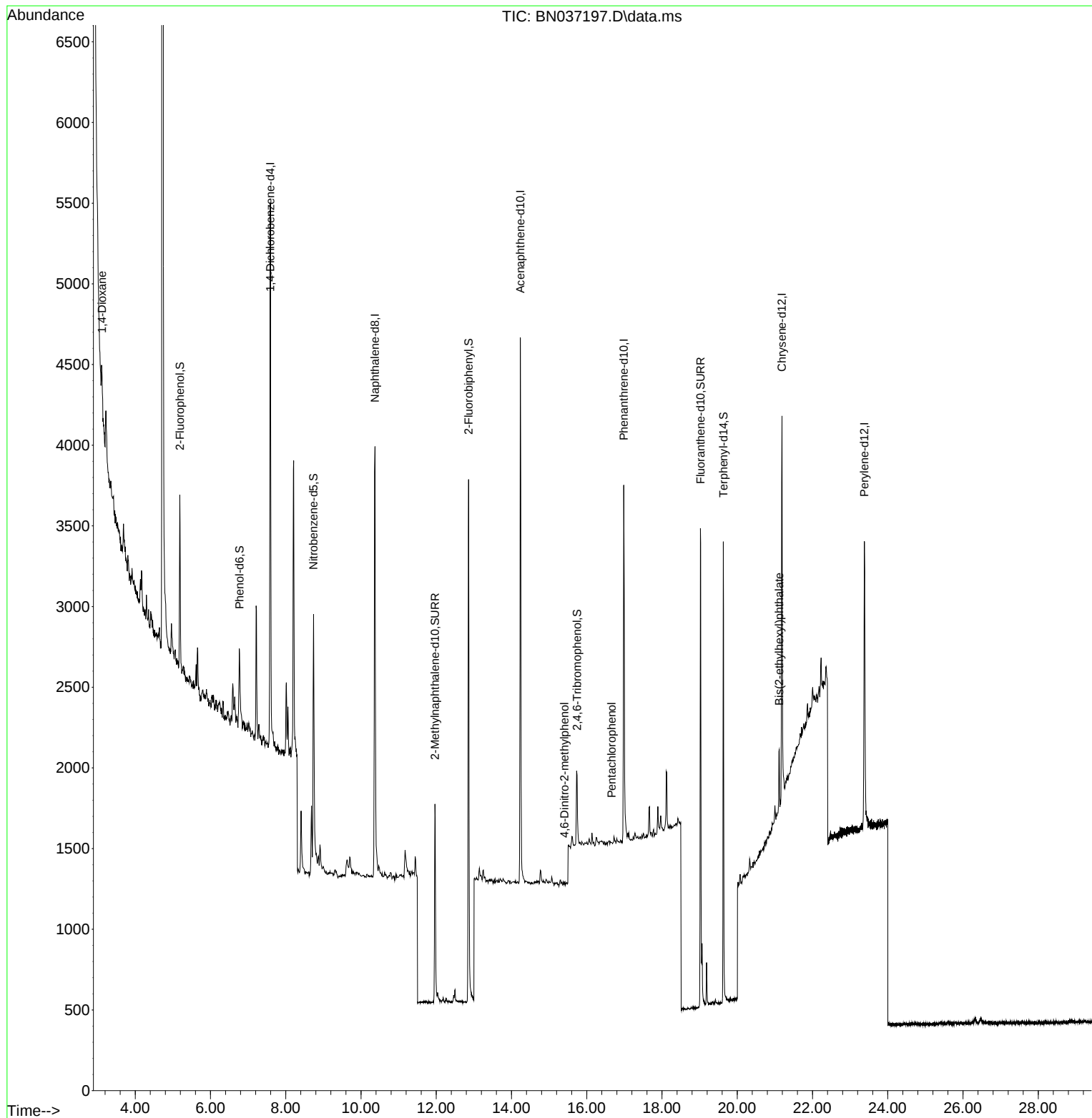
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1623	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	3868	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	1953	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	3398	0.400	ng	0.00
29) Chrysene-d12	21.189	240	2540	0.400	ng	# 0.00
35) Perylene-d12	23.380	264	2503	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	700	0.174	ng	0.00
5) Phenol-d6	6.773	99	445	0.091	ng	0.00
8) Nitrobenzene-d5	8.739	82	1521	0.373	ng	0.00
11) 2-Methylnaphthalene-d10	11.966	152	1846	0.343	ng	0.00
14) 2,4,6-Tribromophenol	15.743	330	305	0.388	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	3190	0.383	ng	0.00
27) Fluoranthene-d10	19.022	212	3546	0.411	ng	0.00
31) Terphenyl-d14	19.630	244	2735	0.457	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	144	0.067	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.411	198	8	0.282	ng	# 5
24) Pentachlorophenol	16.661	266	18	0.228	ng	# 71
34) Bis(2-ethylhexyl)phtha...	21.117	149	435	0.075	ng	# 99

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

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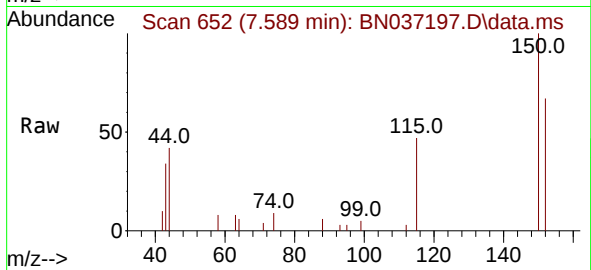
Quant Time: Jun 10 10:36:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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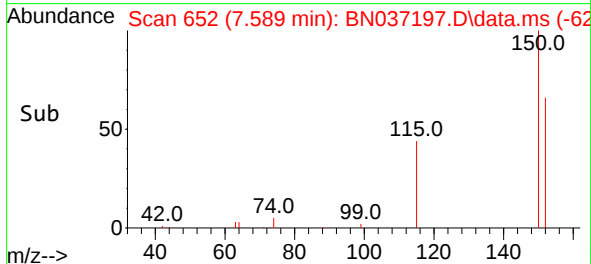
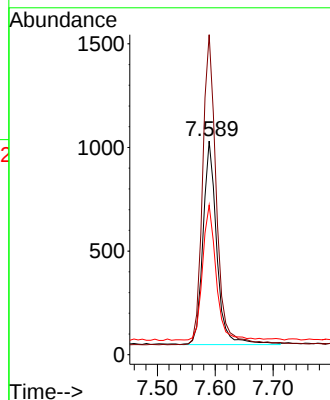
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN037197.D
 Acq: 09 Jun 2025 18:15

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:152 Resp: 1623

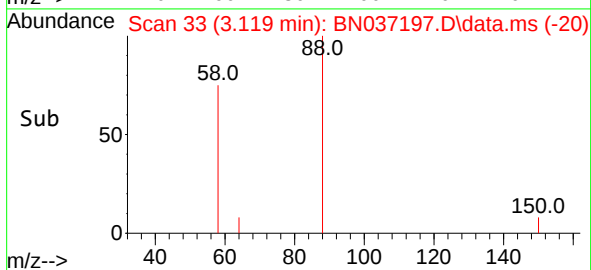
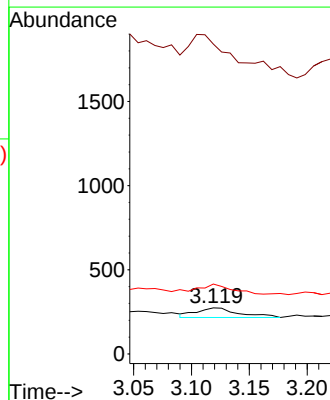
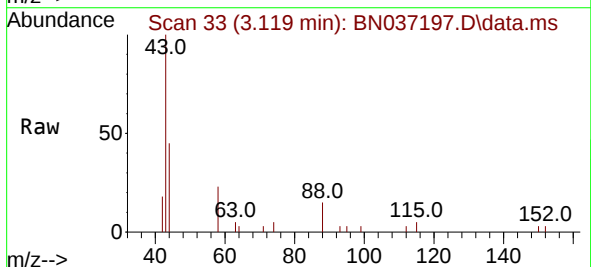
Ion	Ratio	Lower	Upper
152	100		
150	149.8	123.2	184.8
115	70.0	56.6	85.0

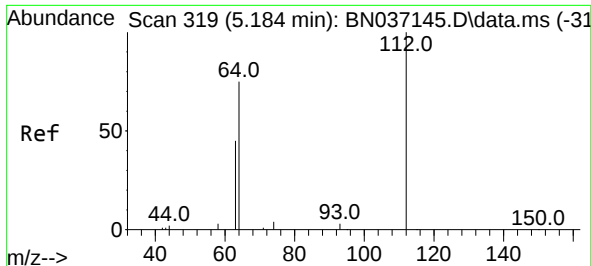


#2
 1,4-Dioxane
 Concen: 0.067 ng
 RT: 3.119 min Scan# 33
 Delta R.T. -0.007 min
 Lab File: BN037197.D
 Acq: 09 Jun 2025 18:15

Tgt Ion: 88 Resp: 144

Ion	Ratio	Lower	Upper
88	100		
43	513.2	43.5	65.3#
58	83.3	67.7	101.5

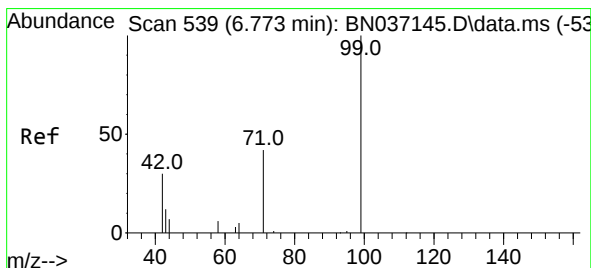
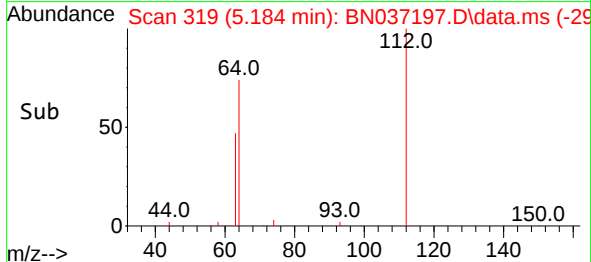
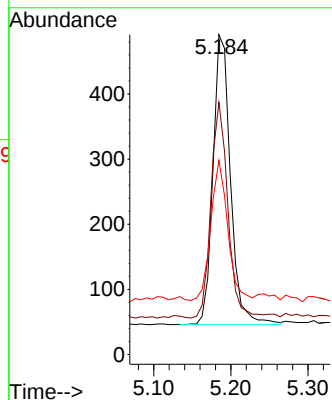
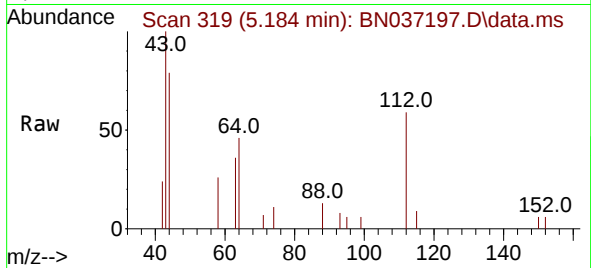




#4
2-Fluorophenol
Concen: 0.174 ng
RT: 5.184 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037197.D
Acq: 09 Jun 2025 18:15

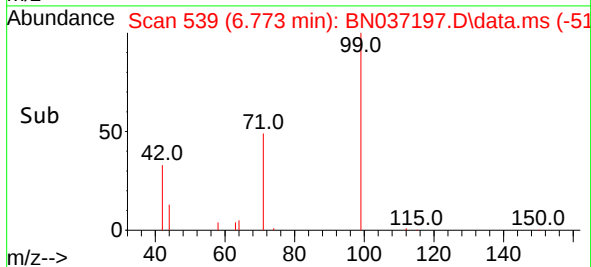
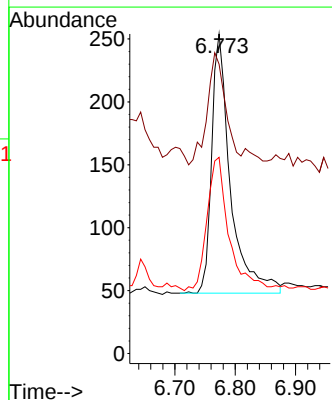
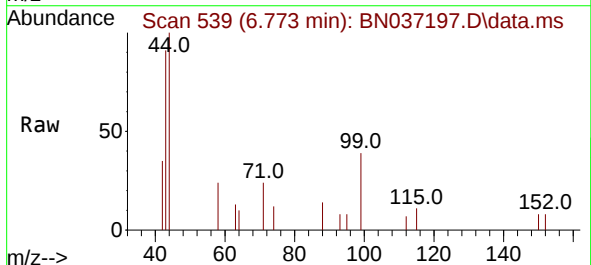
Instrument :
BNA_N
ClientSampleId :

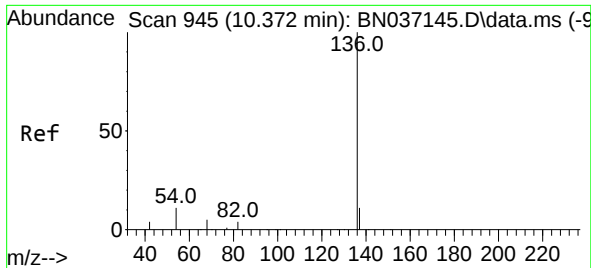
Tgt Ion:112 Resp: 700
Ion Ratio Lower Upper
112 100
64 72.6 56.3 84.5
63 47.3 36.2 54.4



#5
Phenol-d6
Concen: 0.091 ng
RT: 6.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037197.D
Acq: 09 Jun 2025 18:15

Tgt Ion: 99 Resp: 445
Ion Ratio Lower Upper
99 100
42 42.5 31.3 46.9
71 60.0 38.2 57.2#

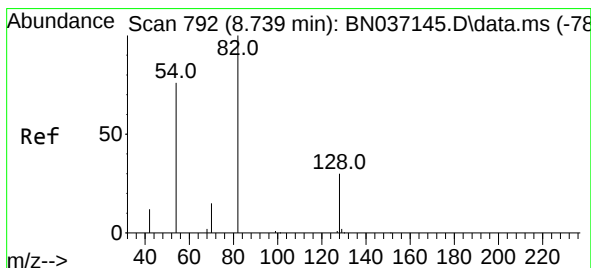
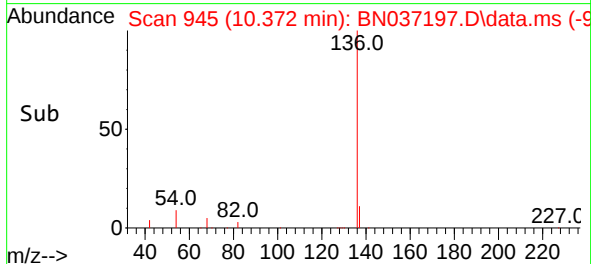
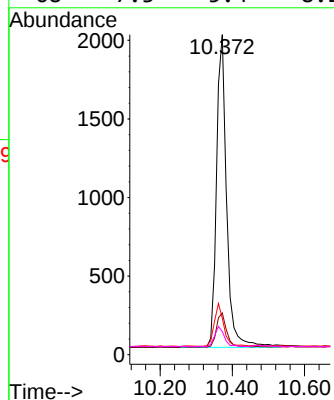
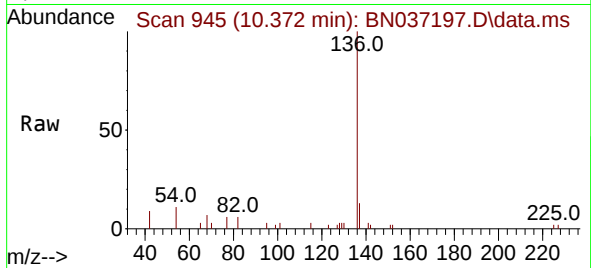




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037197.D
Acq: 09 Jun 2025 18:15

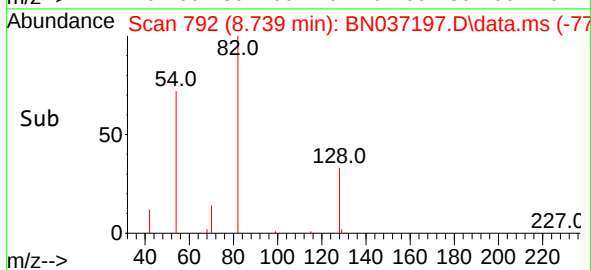
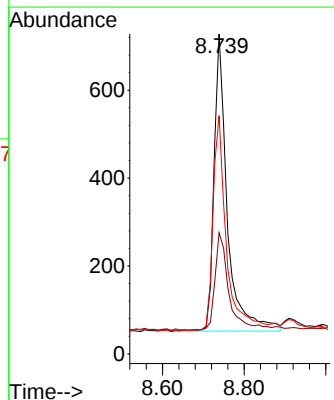
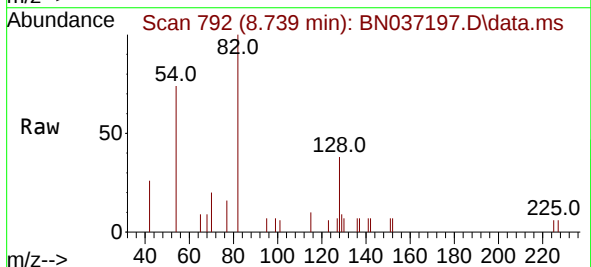
Instrument :
BNA_N
ClientSampleId :

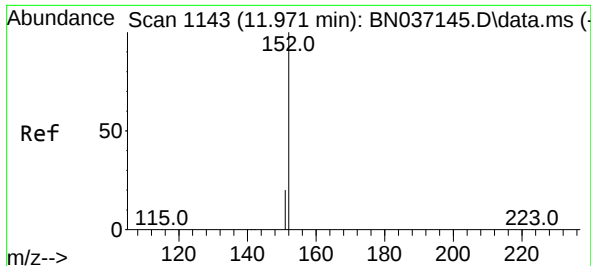
Tgt Ion:136	Resp:	3868
Ion	Ratio	Lower Upper
136	100	
137	13.1	9.7 14.5
54	11.4	9.7 14.5
68	7.3	5.4 8.2



#8
Nitrobenzene-d5
Concen: 0.373 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037197.D
Acq: 09 Jun 2025 18:15

Tgt Ion: 82	Resp:	1521
Ion	Ratio	Lower Upper
82	100	
128	37.9	26.9 40.3
54	74.5	61.4 92.2

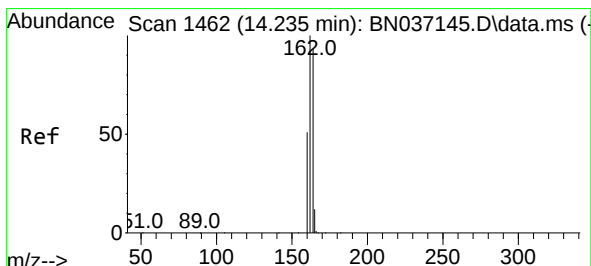
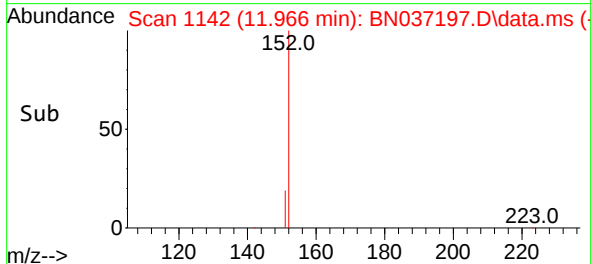
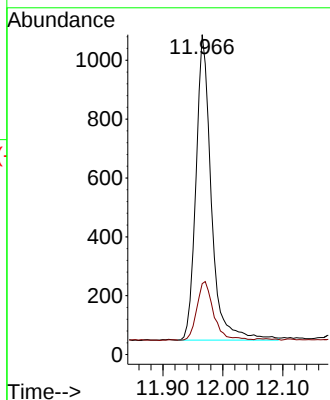
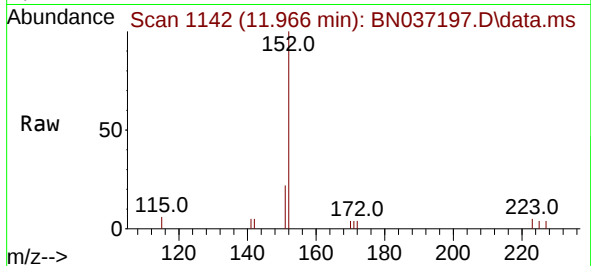




#11
2-Methylnaphthalene-d10
Concen: 0.343 ng
RT: 11.966 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037197.D
Acq: 09 Jun 2025 18:15

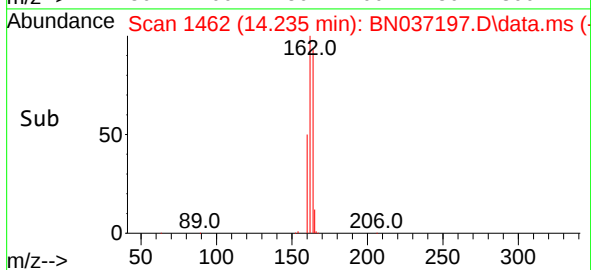
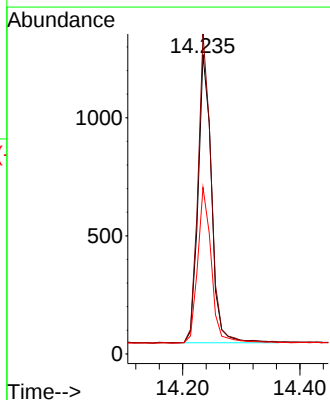
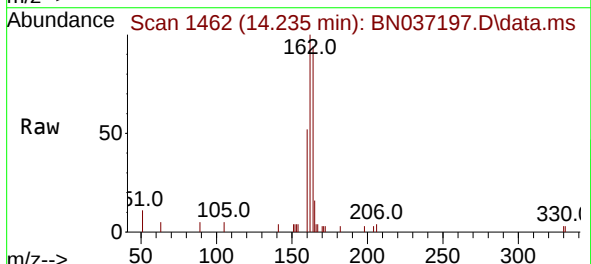
Instrument :
BNA_N
ClientSampleId :

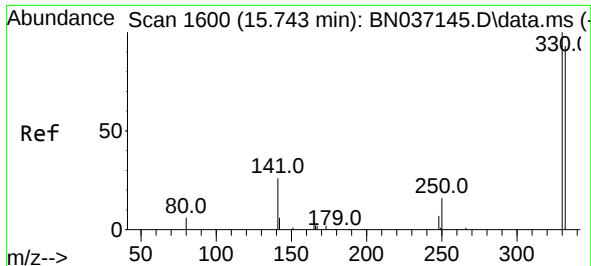
Tgt Ion:152 Resp: 1846
Ion Ratio Lower Upper
152 100
151 20.8 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037197.D
Acq: 09 Jun 2025 18:15

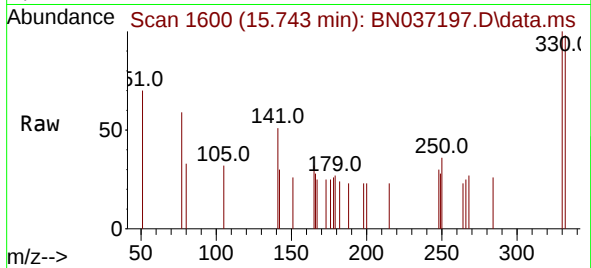
Tgt Ion:164 Resp: 1953
Ion Ratio Lower Upper
164 100
162 106.9 85.5 128.3
160 55.6 44.6 67.0



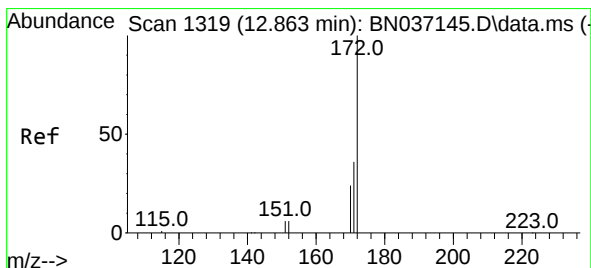
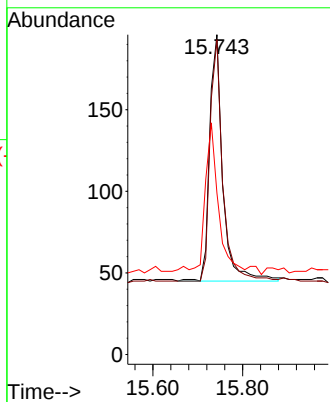
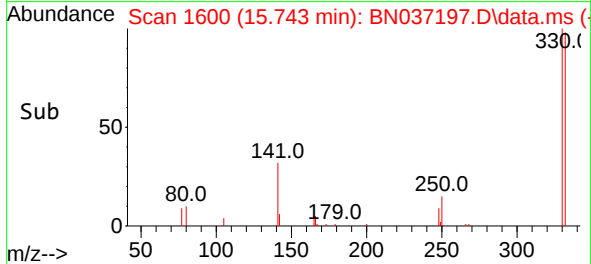


#14
 2,4,6-Tribromophenol
 Concen: 0.388 ng
 RT: 15.743 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BN037197.D
 Acq: 09 Jun 2025 18:15

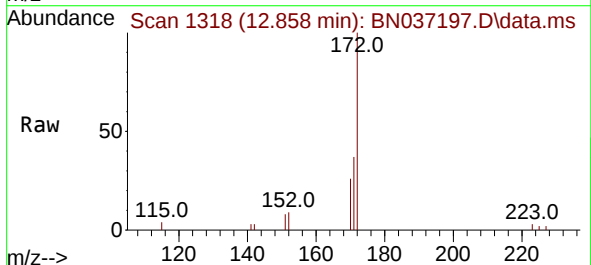
Instrument :
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 ClientSampleId :



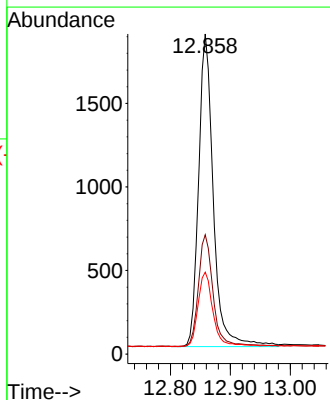
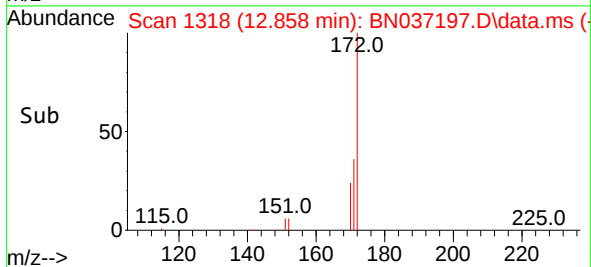
Tgt Ion:330 Resp: 305
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.1 115.7
 141 64.9 46.4 69.6

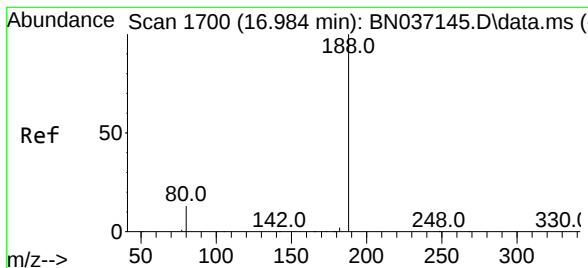


#15
 2-Fluorobiphenyl
 Concen: 0.383 ng
 RT: 12.858 min Scan# 1318
 Delta R.T. -0.005 min
 Lab File: BN037197.D
 Acq: 09 Jun 2025 18:15



Tgt Ion:172 Resp: 3190
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.6 44.4
 170 25.6 20.3 30.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.984 min Scan# 11

Delta R.T. -0.000 min

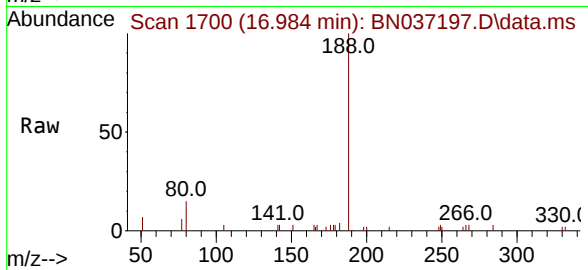
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Acq: 09 Jun 2025 18:15

Instrument :

BNA_N

ClientSampleId :



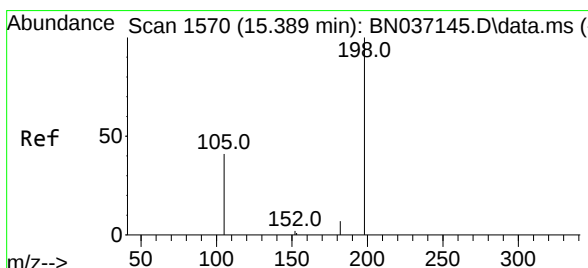
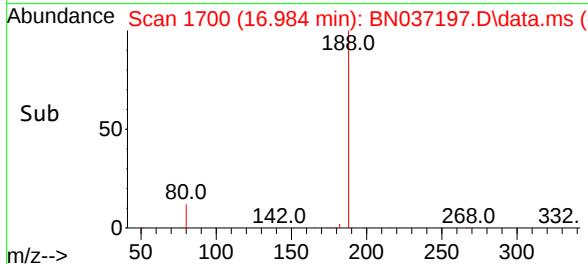
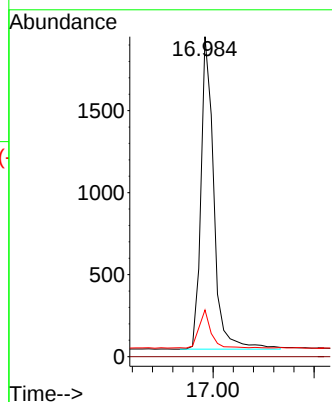
Tgt Ion:188 Resp: 3398

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.6 11.3 16.9



#20

4,6-Dinitro-2-methylphenol

Concen: 0.282 ng

RT: 15.411 min Scan# 1572

Delta R.T. 0.022 min

Lab File: BN037197.D

Acq: 09 Jun 2025 18:15

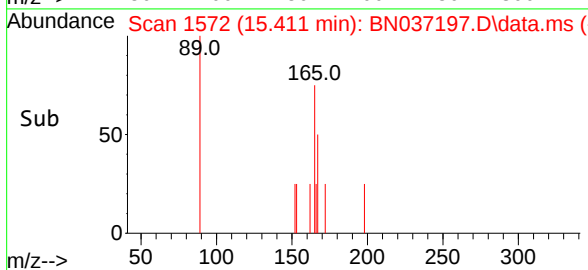
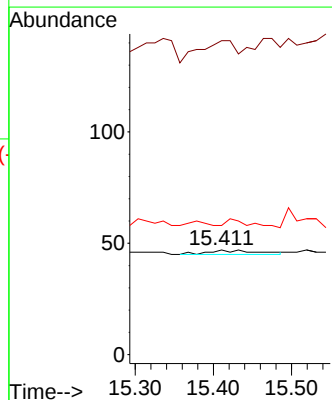
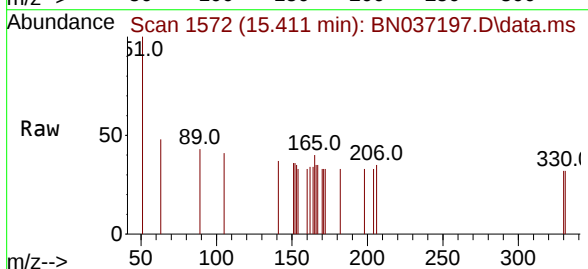
Tgt Ion:198 Resp: 8

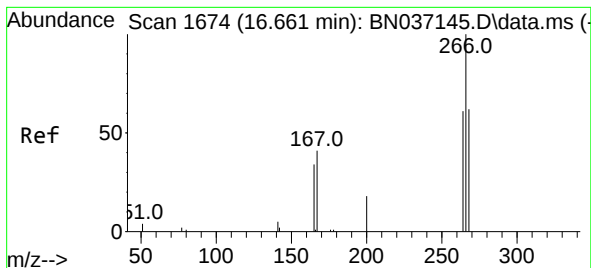
Ion Ratio Lower Upper

198 100

51 300.0 125.2 187.8#

105 123.4 57.1 85.7#





#24

Pentachlorophenol

Concen: 0.228 ng

RT: 16.661 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037197.D

Acq: 09 Jun 2025 18:15

Instrument :

BNA_N

ClientSampleId :

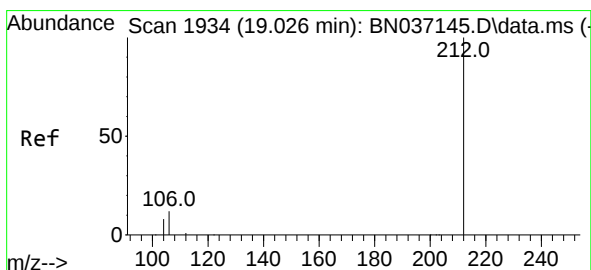
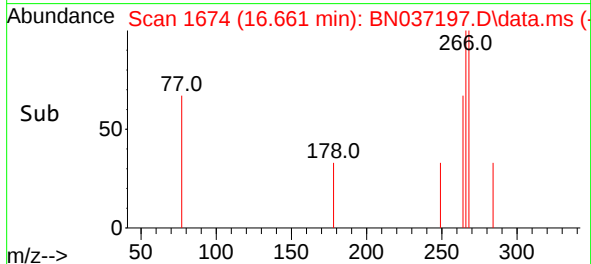
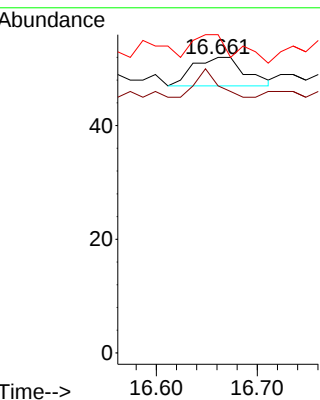
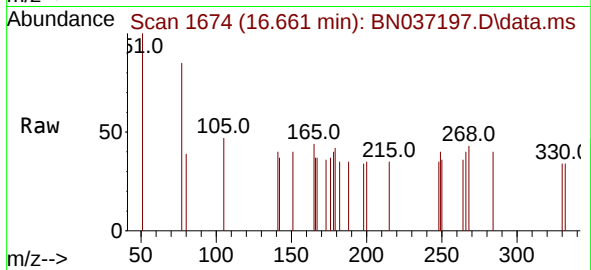
Tgt Ion:266 Resp: 18

Ion Ratio Lower Upper

266 100

264 38.9 49.3 73.9#

268 83.3 49.0 73.4#



#27

Fluoranthene-d10

Concen: 0.411 ng

RT: 19.022 min Scan# 1933

Delta R.T. -0.005 min

Lab File: BN037197.D

Acq: 09 Jun 2025 18:15

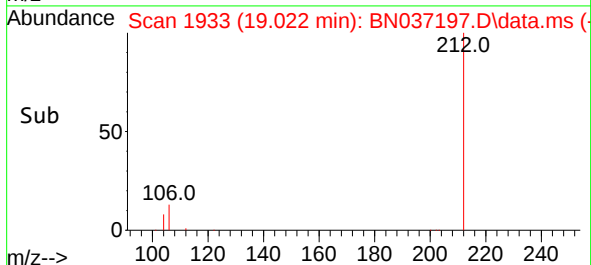
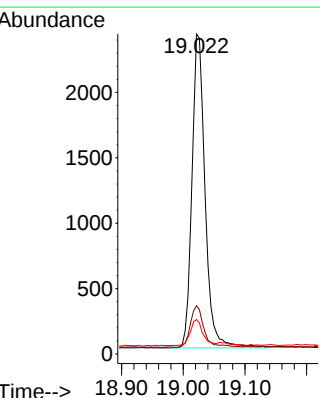
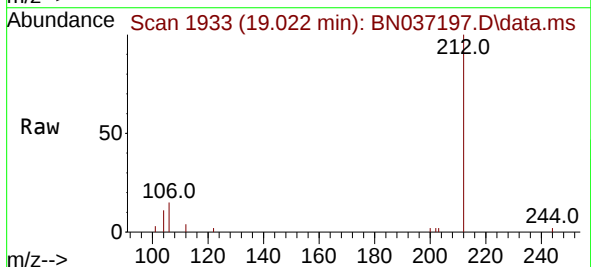
Tgt Ion:212 Resp: 3546

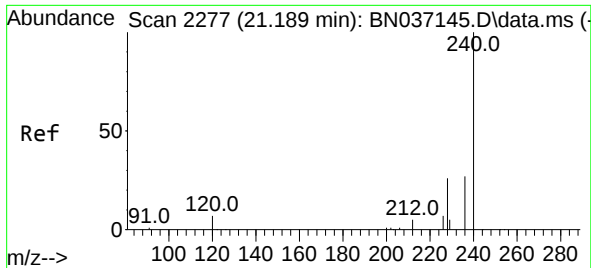
Ion Ratio Lower Upper

212 100

106 13.6 10.6 15.8

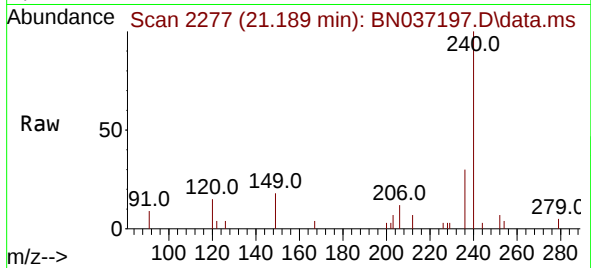
104 8.0 6.6 9.8



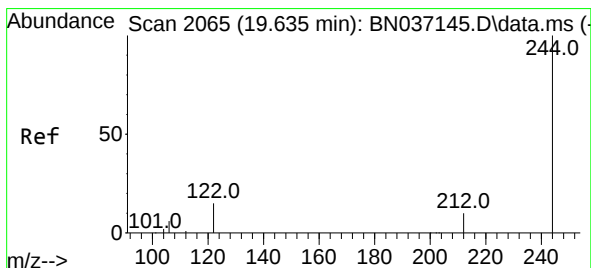
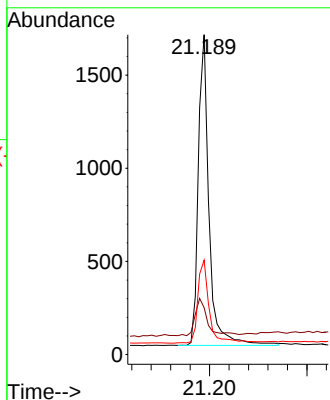
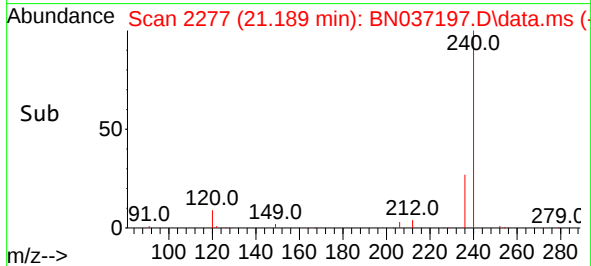


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN037197.D
Acq: 09 Jun 2025 18:15

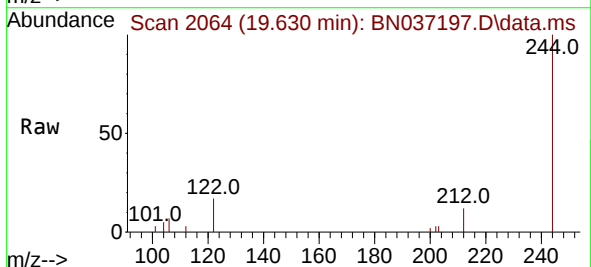
Instrument :
BNA_N
ClientSampleId :



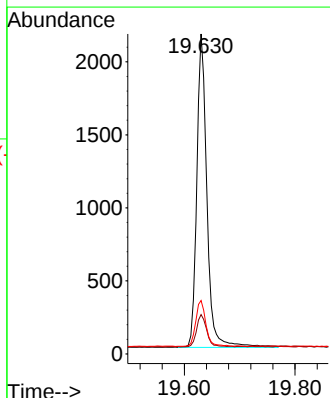
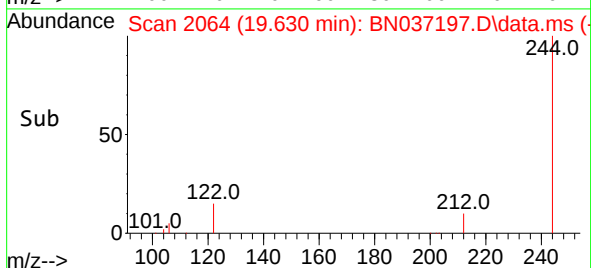
Tgt Ion:240 Resp: 2540
Ion Ratio Lower Upper
240 100
120 14.7 9.0 13.4#
236 29.5 23.0 34.4

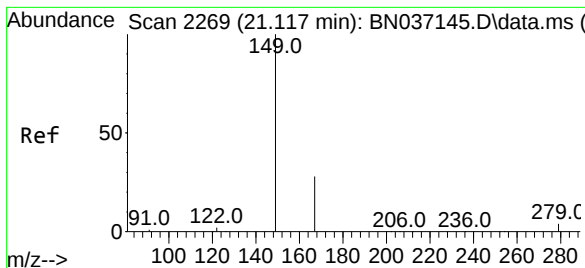


#31
Terphenyl-d14
Concen: 0.457 ng
RT: 19.630 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN037197.D
Acq: 09 Jun 2025 18:15



Tgt Ion:244 Resp: 2735
Ion Ratio Lower Upper
244 100
212 12.3 10.0 15.0
122 16.7 13.2 19.8

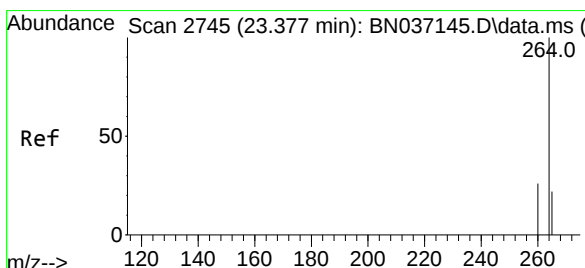
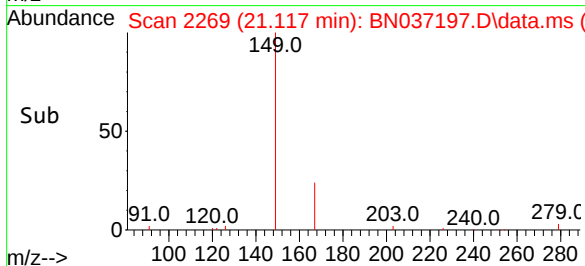
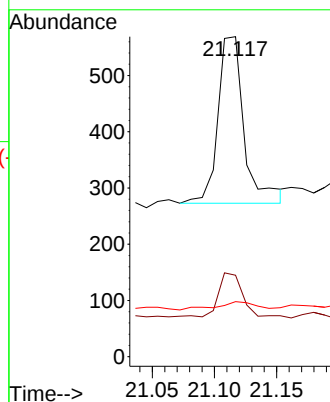
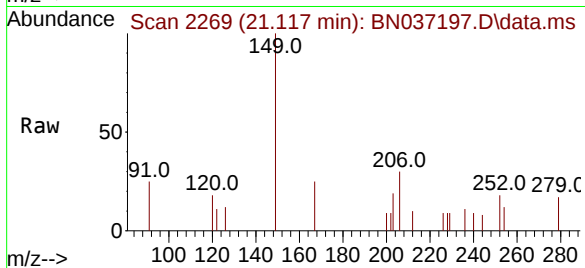




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.075 ng
 RT: 21.117 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN037197.D
 Acq: 09 Jun 2025 18:15

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 435
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.0 31.4
 279 7.4 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.380 min Scan# 2746
 Delta R.T. 0.003 min
 Lab File: BN037197.D
 Acq: 09 Jun 2025 18:15

Tgt Ion:264 Resp: 2503
 Ion Ratio Lower Upper
 264 100
 260 27.7 22.1 33.1
 265 88.5 55.8 83.8#

