

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
 Data File : BN037205.D
 Acq On : 09 Jun 2025 23:48
 Operator : RC/JU
 Sample : PB168336BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168336BL

Quant Time: Jun 10 04:04:46 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)

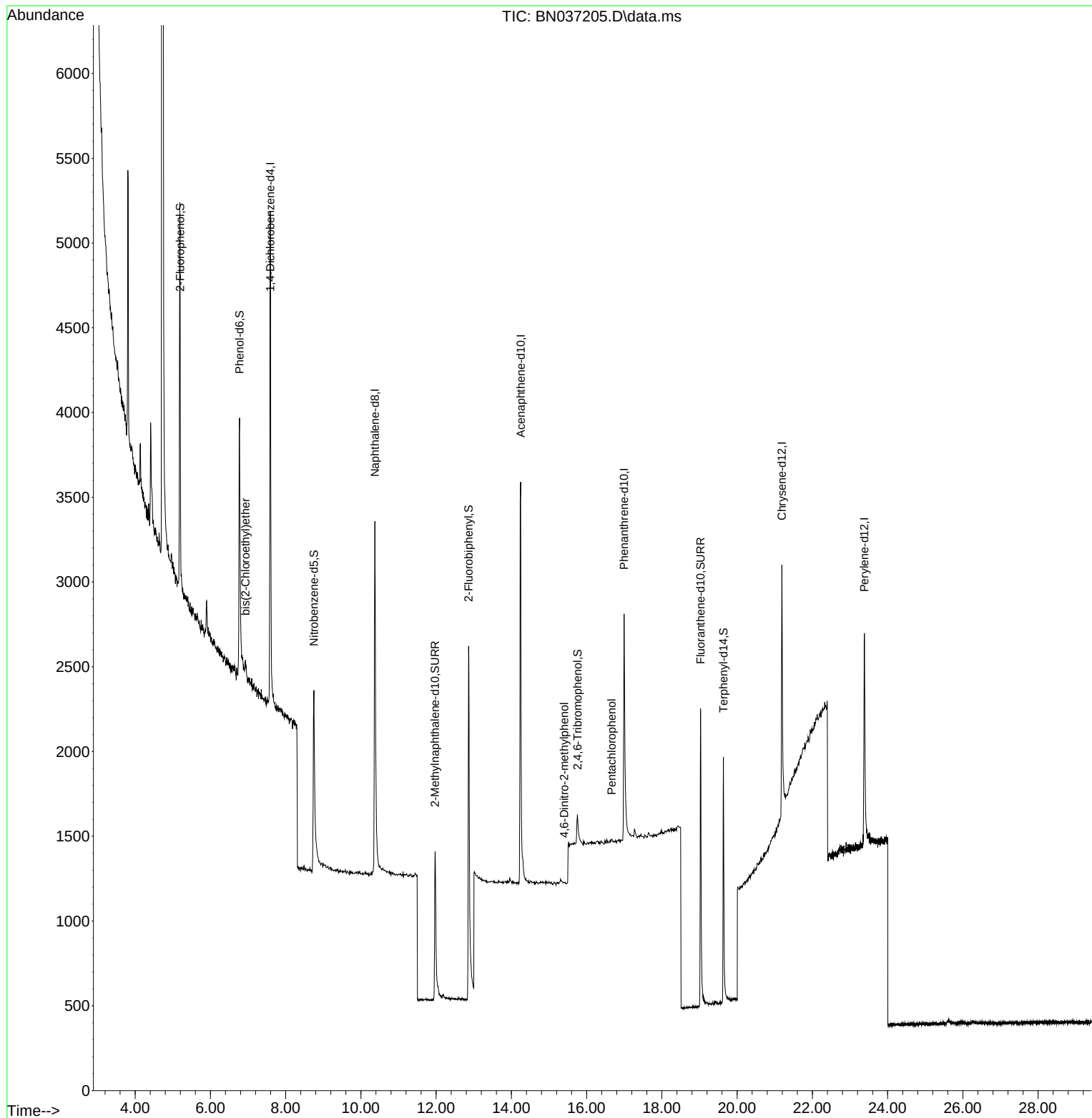
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1509	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	3585	0.400	ng	0.00
13) Acenaphthene-d10	14.245	164	1776	0.400	ng	0.01
19) Phenanthrene-d10	16.996	188	2785	0.400	ng	0.01
29) Chrysene-d12	21.189	240	1823	0.400	ng	# 0.00
35) Perylene-d12	23.380	264	1982	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	1577	0.423	ng	0.00
5) Phenol-d6	6.773	99	1648	0.364	ng	0.00
8) Nitrobenzene-d5	8.749	82	1405	0.371	ng	0.01
11) 2-Methylnaphthalene-d10	11.970	152	1894	0.379	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	179	0.250	ng	0.01
15) 2-Fluorobiphenyl	12.863	172	3136	0.414	ng	0.00
27) Fluoranthene-d10	19.026	212	2587	0.366	ng	0.00
31) Terphenyl-d14	19.635	244	1697	0.395	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	6.932	93	160	0.037	ng	# 27
20) 4,6-Dinitro-2-methylph...	15.400	198	2	0.277	ng	# 40
24) Pentachlorophenol	16.661	266	7	0.221	ng	# 1

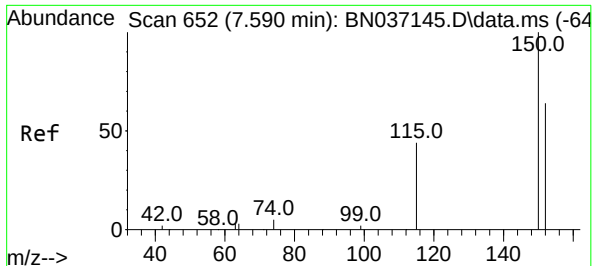
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037205.D
Acq On : 09 Jun 2025 23:48
Operator : RC/JU
Sample : PB168336BL
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168336BL

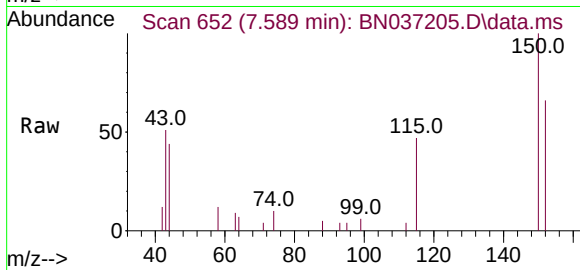
Quant Time: Jun 10 04:04:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



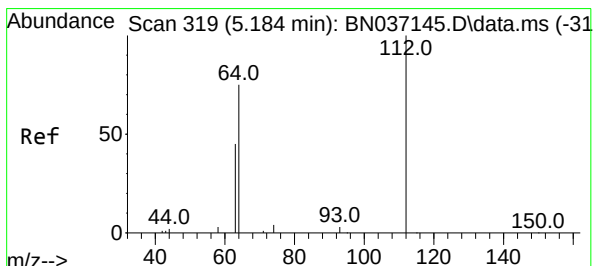
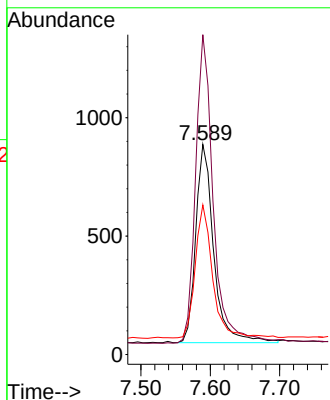
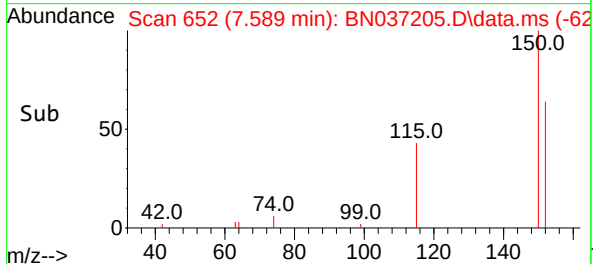


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 61
Delta R.T. -0.001 min
Lab File: BN037205.D
Acq: 09 Jun 2025 23:48

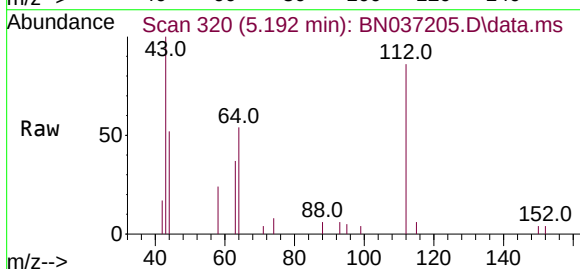
Instrument :
BNA_N
ClientSampleId :
PB168336BL



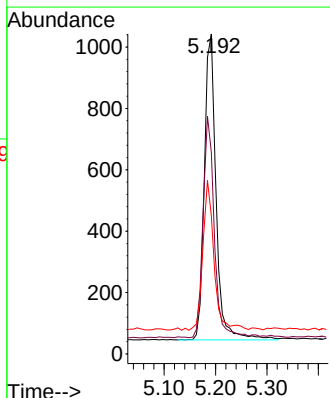
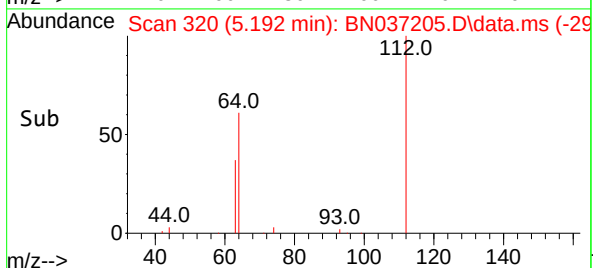
Tgt Ion:152 Resp: 1509
Ion Ratio Lower Upper
152 100
150 152.3 123.2 184.8
115 71.3 56.6 85.0

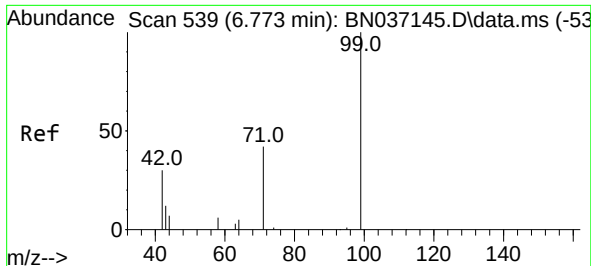


#4
2-Fluorophenol
Concen: 0.423 ng
RT: 5.192 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN037205.D
Acq: 09 Jun 2025 23:48



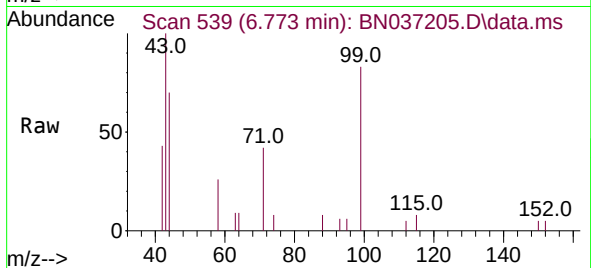
Tgt Ion:112 Resp: 1577
Ion Ratio Lower Upper
112 100
64 70.3 56.3 84.5
63 46.6 36.2 54.4



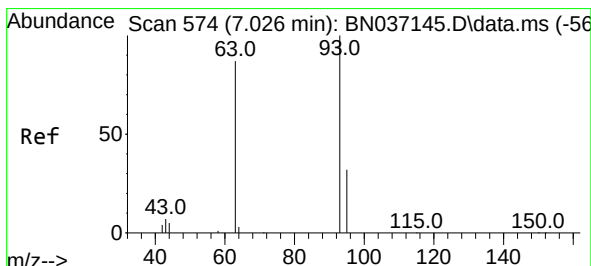
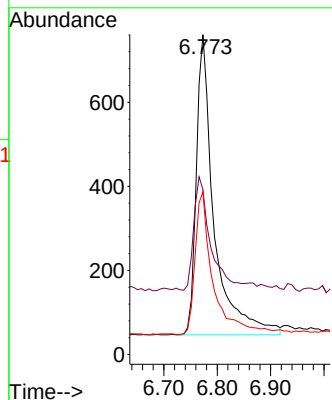
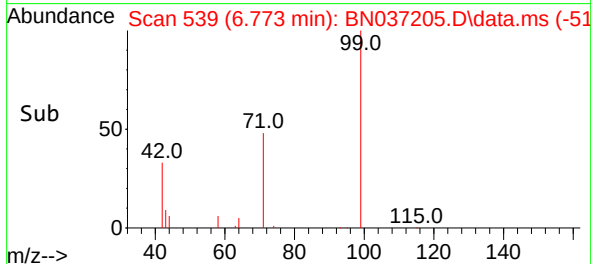


#5
Phenol-d6
Concen: 0.364 ng
RT: 6.773 min Scan# 531
Delta R.T. -0.000 min
Lab File: BN037205.D
Acq: 09 Jun 2025 23:48

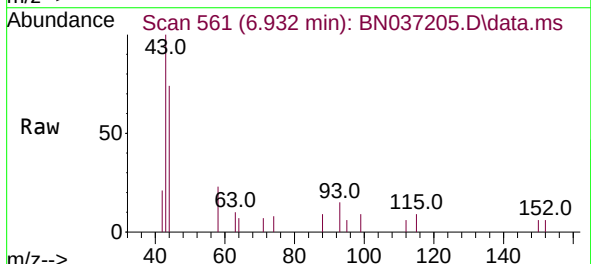
Instrument :
BNA_N
ClientSampleId :
PB168336BL



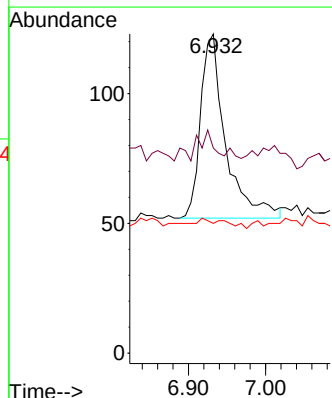
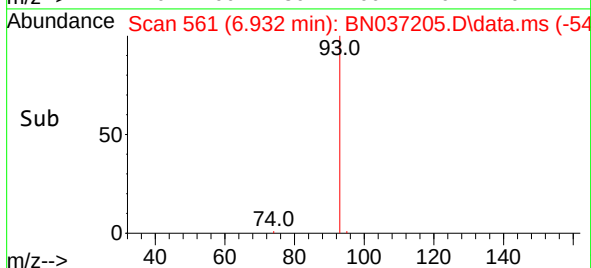
Tgt Ion:	99	Resp:	1648
Ion	Ratio	Lower	Upper
99	100		
42	38.5	31.3	46.9
71	47.7	38.2	57.2

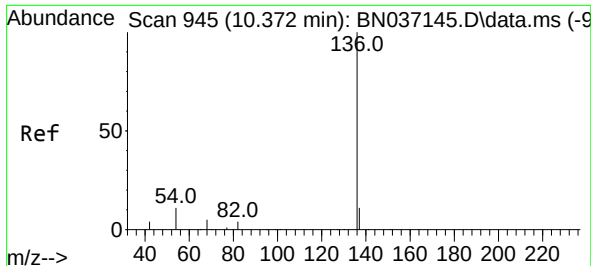


#6
bis(2-Chloroethyl)ether
Concen: 0.037 ng
RT: 6.932 min Scan# 561
Delta R.T. -0.094 min
Lab File: BN037205.D
Acq: 09 Jun 2025 23:48



Tgt Ion:	93	Resp:	160
Ion	Ratio	Lower	Upper
93	100		
63	12.5	68.6	103.0#
95	0.6	24.3	36.5#

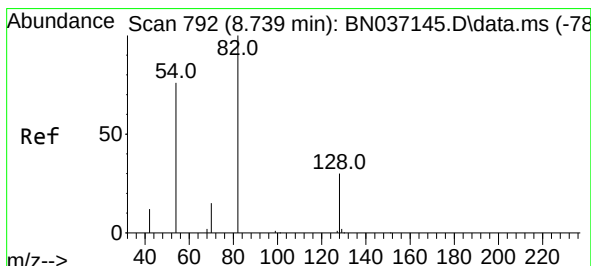
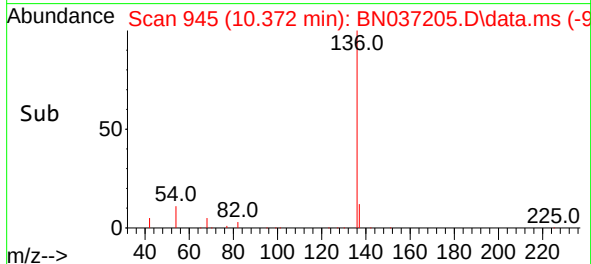
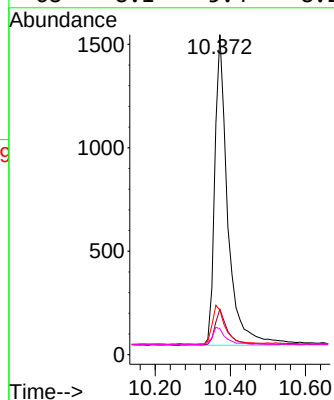
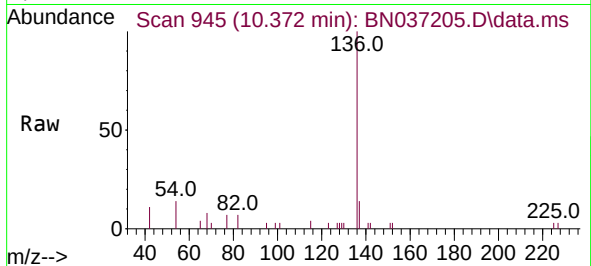




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037205.D
Acq: 09 Jun 2025 23:48

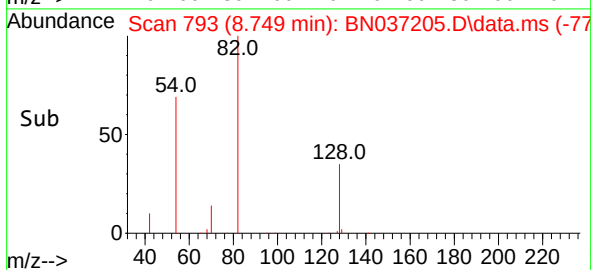
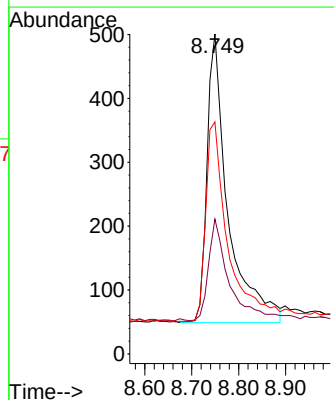
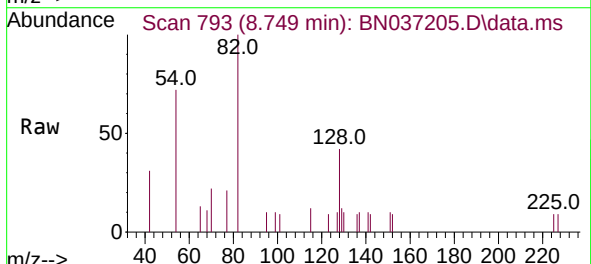
Instrument :
BNA_N
ClientSampleId :
PB168336BL

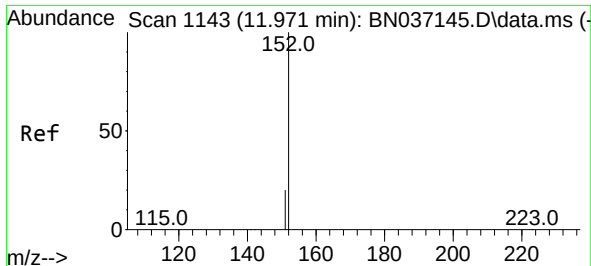
Tgt Ion:	136	Resp:	3585
Ion	Ratio	Lower	Upper
136	100		
137	14.2	9.7	14.5
54	13.9	9.7	14.5
68	8.1	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 8.749 min Scan# 793
Delta R.T. 0.011 min
Lab File: BN037205.D
Acq: 09 Jun 2025 23:48

Tgt Ion:	82	Resp:	1405
Ion	Ratio	Lower	Upper
82	100		
128	42.1	26.9	40.3
54	72.5	61.4	92.2

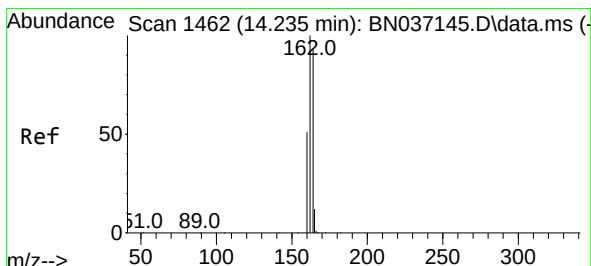
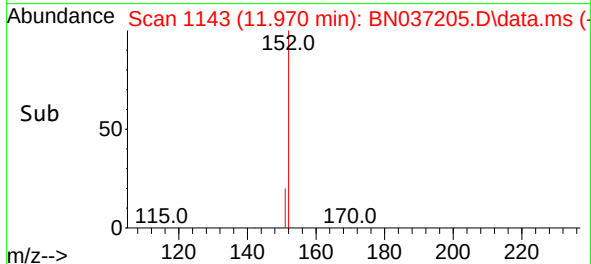
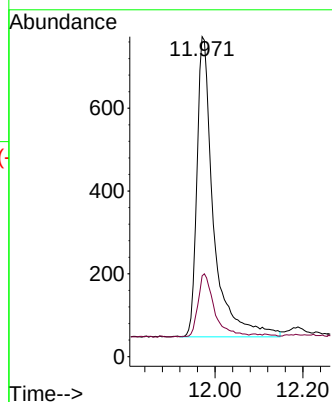
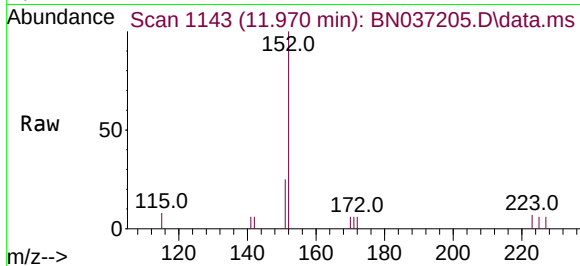




#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 11.970 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BN037205.D
Acq: 09 Jun 2025 23:48

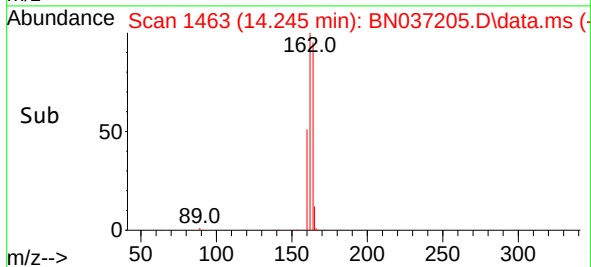
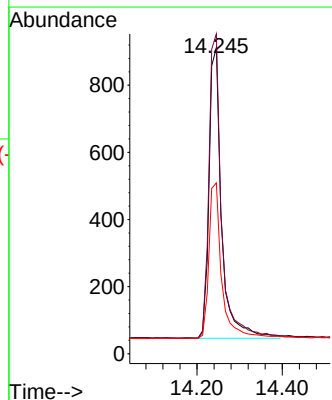
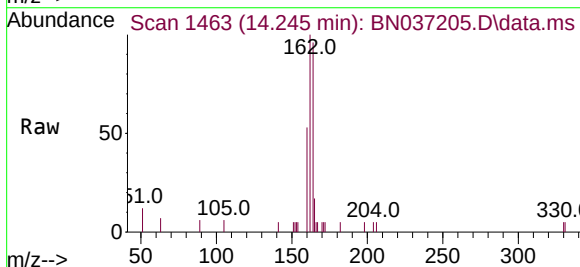
Instrument :
BNA_N
ClientSampleId :
PB168336BL

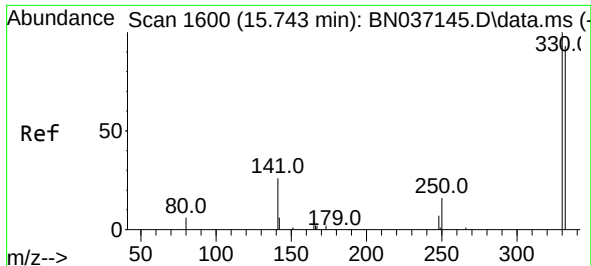
Tgt Ion:152 Resp: 1894
Ion Ratio Lower Upper
152 100
151 20.7 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.245 min Scan# 1463
Delta R.T. 0.011 min
Lab File: BN037205.D
Acq: 09 Jun 2025 23:48

Tgt Ion:164 Resp: 1776
Ion Ratio Lower Upper
164 100
162 104.5 85.5 128.3
160 55.8 44.6 67.0

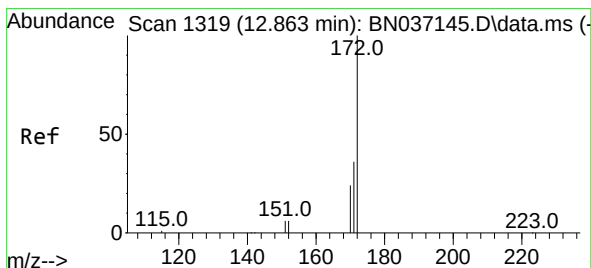
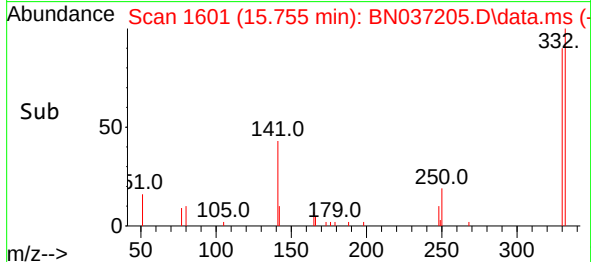
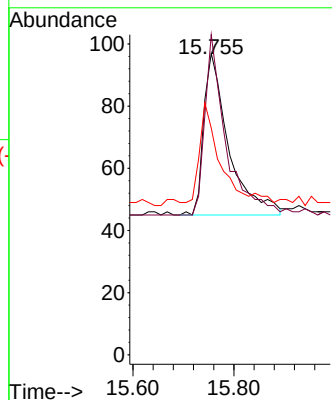
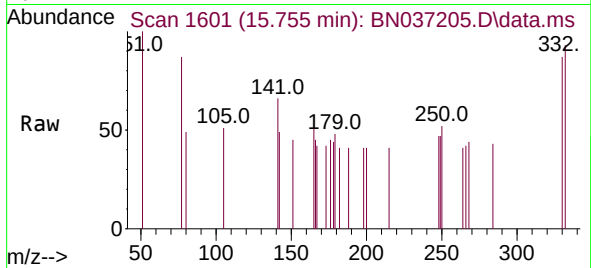




#14
 2,4,6-Tribromophenol
 Concen: 0.250 ng
 RT: 15.755 min Scan# 1601
 Delta R.T. 0.012 min
 Lab File: BN037205.D
 Acq: 09 Jun 2025 23:48

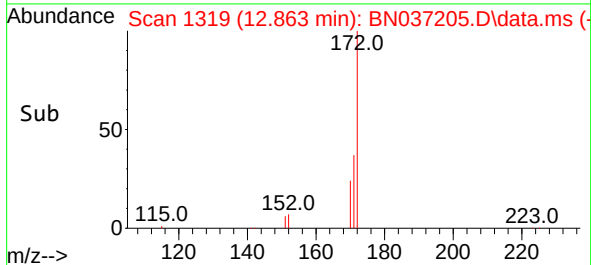
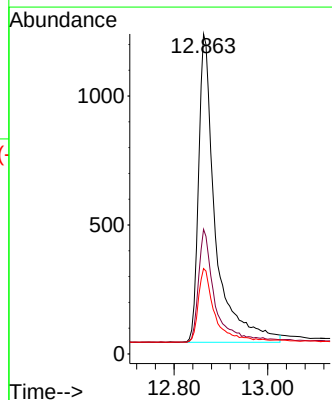
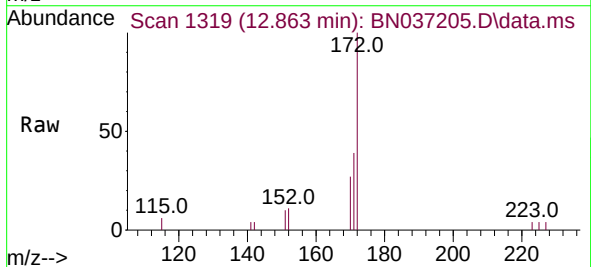
Instrument :
 BNA_N
 ClientSampleId :
 PB168336BL

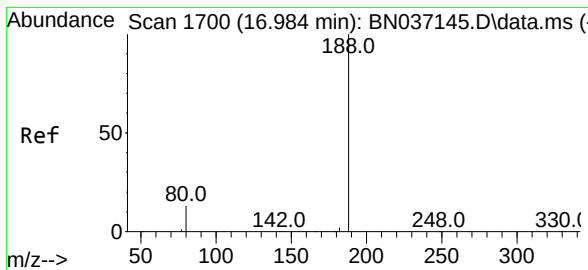
Tgt Ion:	330	Resp:	179
Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.1	115.7
141	49.7	46.4	69.6



#15
 2-Fluorobiphenyl
 Concen: 0.414 ng
 RT: 12.863 min Scan# 1319
 Delta R.T. -0.000 min
 Lab File: BN037205.D
 Acq: 09 Jun 2025 23:48

Tgt Ion:	172	Resp:	3136
Ion	Ratio	Lower	Upper
172	100		
171	38.9	29.6	44.4
170	26.7	20.3	30.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.996 min Scan# 11

Delta R.T. 0.012 min

Lab File: BN037205.D

Acq: 09 Jun 2025 23:48

Instrument :

BNA_N

ClientSampleId :

PB168336BL

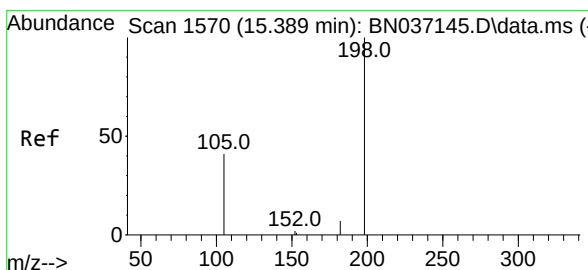
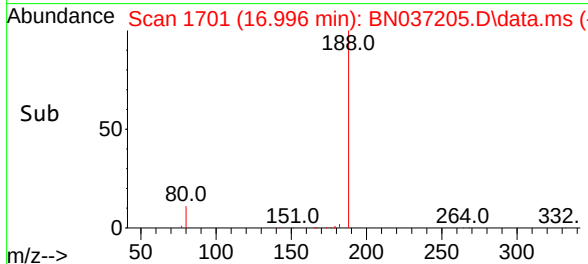
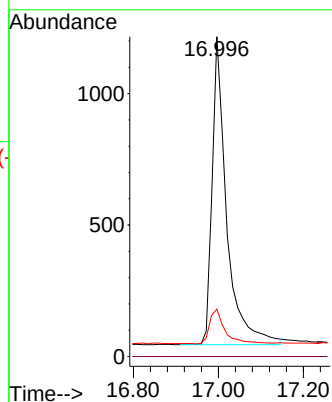
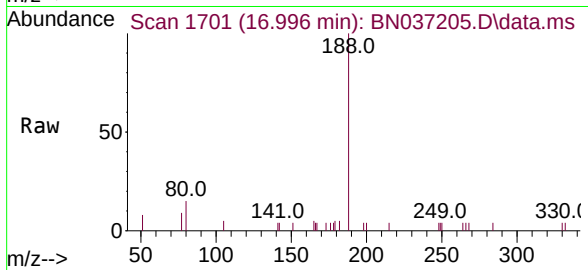
Tgt Ion:188 Resp: 2785

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.8 11.3 16.9



#20

4,6-Dinitro-2-methylphenol

Concen: 0.277 ng

RT: 15.400 min Scan# 1571

Delta R.T. 0.011 min

Lab File: BN037205.D

Acq: 09 Jun 2025 23:48

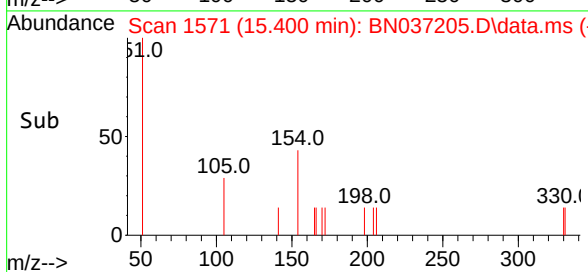
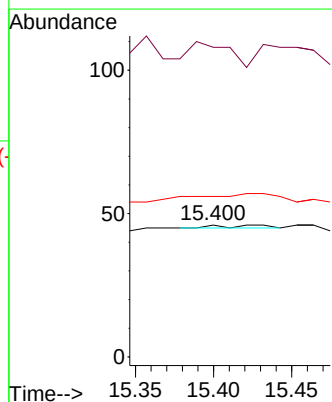
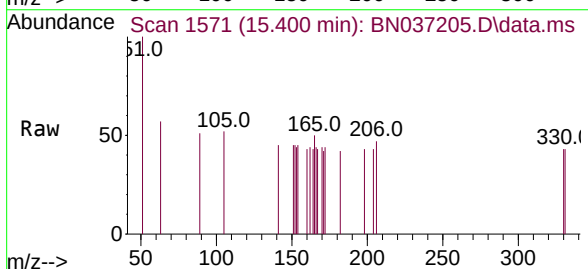
Tgt Ion:198 Resp: 2

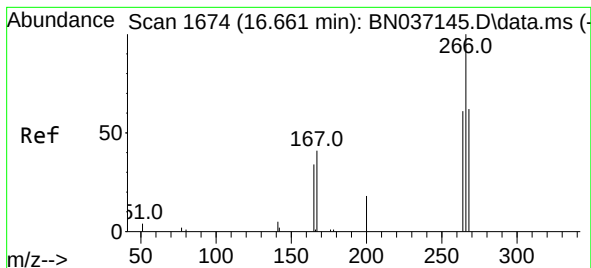
Ion Ratio Lower Upper

198 100

51 234.8 125.2 187.8#

105 121.7 57.1 85.7#





#24

Pentachlorophenol

Concen: 0.221 ng

RT: 16.661 min Scan# 1674

Delta R.T. 0.000 min

Lab File: BN037205.D

Acq: 09 Jun 2025 23:48

Instrument :

BNA_N

ClientSampleId :

PB168336BL

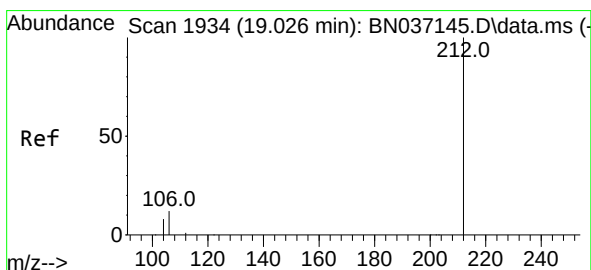
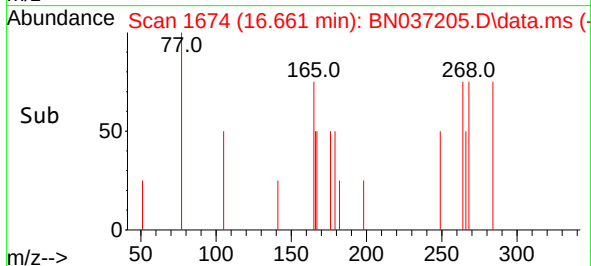
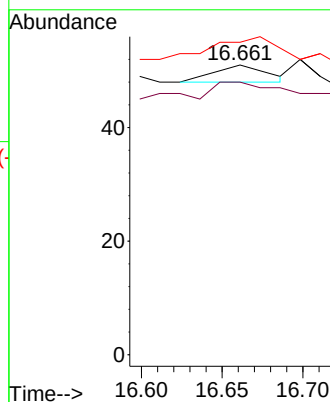
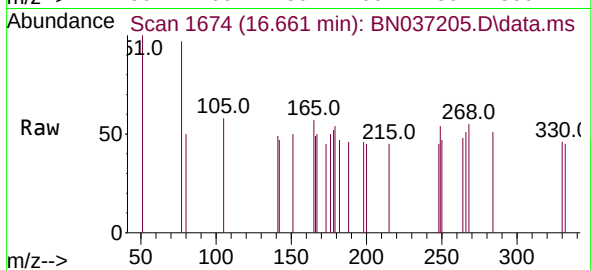
Tgt Ion:266 Resp: 7

Ion Ratio Lower Upper

266 100

264 0.0 49.3 73.9#

268 285.7 49.0 73.4#



#27

Fluoranthene-d10

Concen: 0.366 ng

RT: 19.026 min Scan# 1934

Delta R.T. -0.000 min

Lab File: BN037205.D

Acq: 09 Jun 2025 23:48

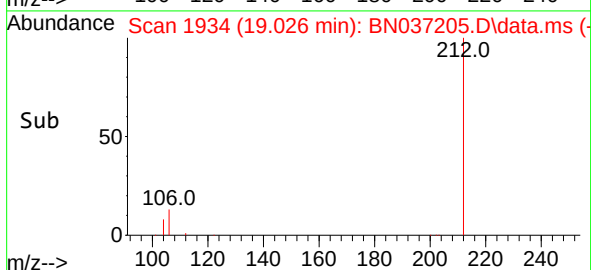
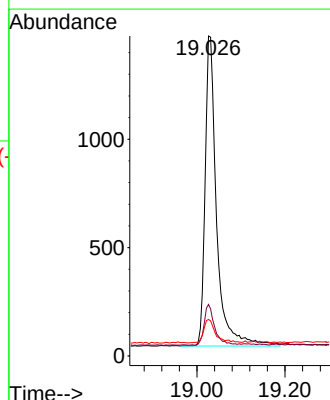
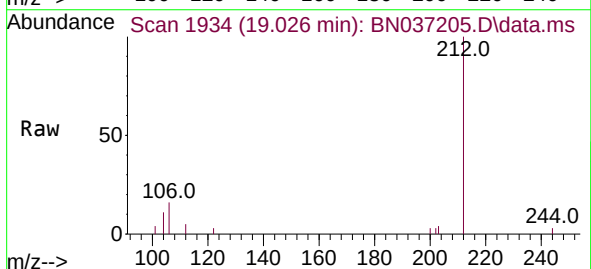
Tgt Ion:212 Resp: 2587

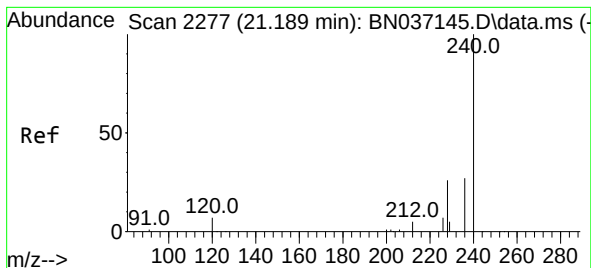
Ion Ratio Lower Upper

212 100

106 11.9 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: BN037205.D

Acq: 09 Jun 2025 23:48

Instrument :

BNA_N

ClientSampleId :

PB168336BL

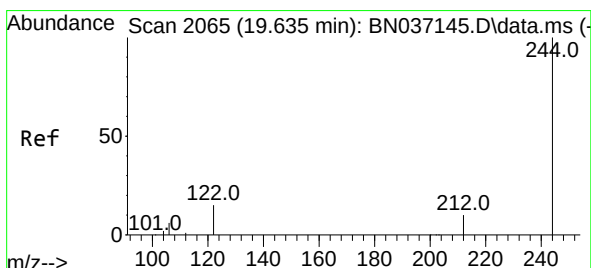
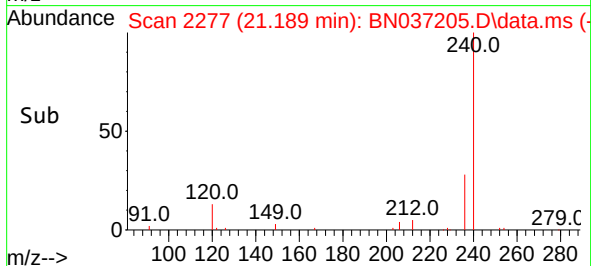
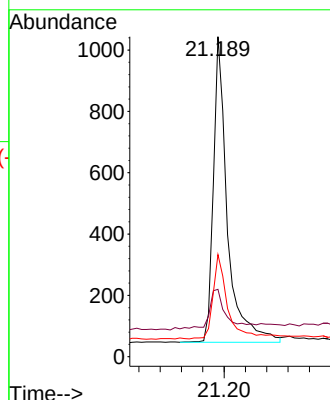
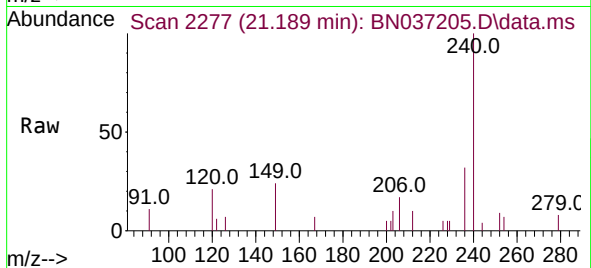
Tgt Ion:240 Resp: 1823

Ion Ratio Lower Upper

240 100

120 21.1 9.0 13.4#

236 31.9 23.0 34.4



#31

Terphenyl-d14

Concen: 0.395 ng

RT: 19.635 min Scan# 2065

Delta R.T. -0.000 min

Lab File: BN037205.D

Acq: 09 Jun 2025 23:48

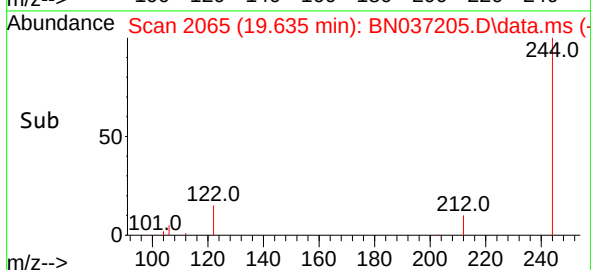
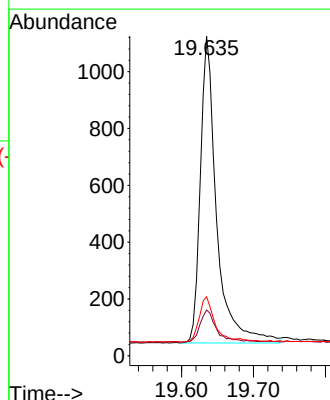
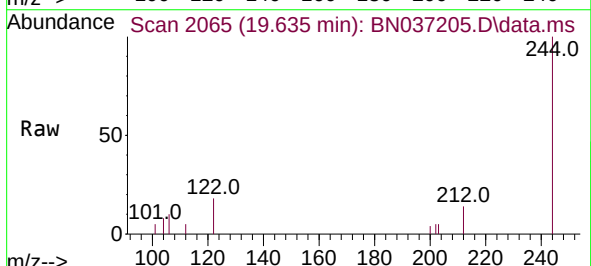
Tgt Ion:244 Resp: 1697

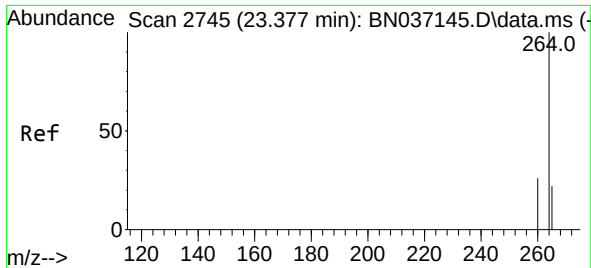
Ion Ratio Lower Upper

244 100

212 14.3 10.0 15.0

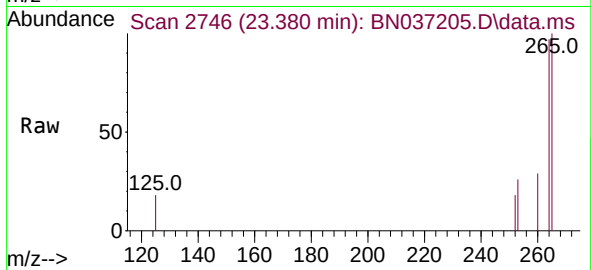
122 18.5 13.2 19.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.380 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN037205.D
 Acq: 09 Jun 2025 23:48

Instrument :
 BNA_N
 ClientSampleId :
 PB168336BL



Tgt Ion: 264 Resp: 1982

Ion	Ratio	Lower	Upper
264	100		
260	29.6	22.1	33.1
265	103.4	55.8	83.8

