

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
 Data File : BN037194.D
 Acq On : 09 Jun 2025 16:26
 Operator : RC/JU
 Sample : Q2251-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 09 16:56:42 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)

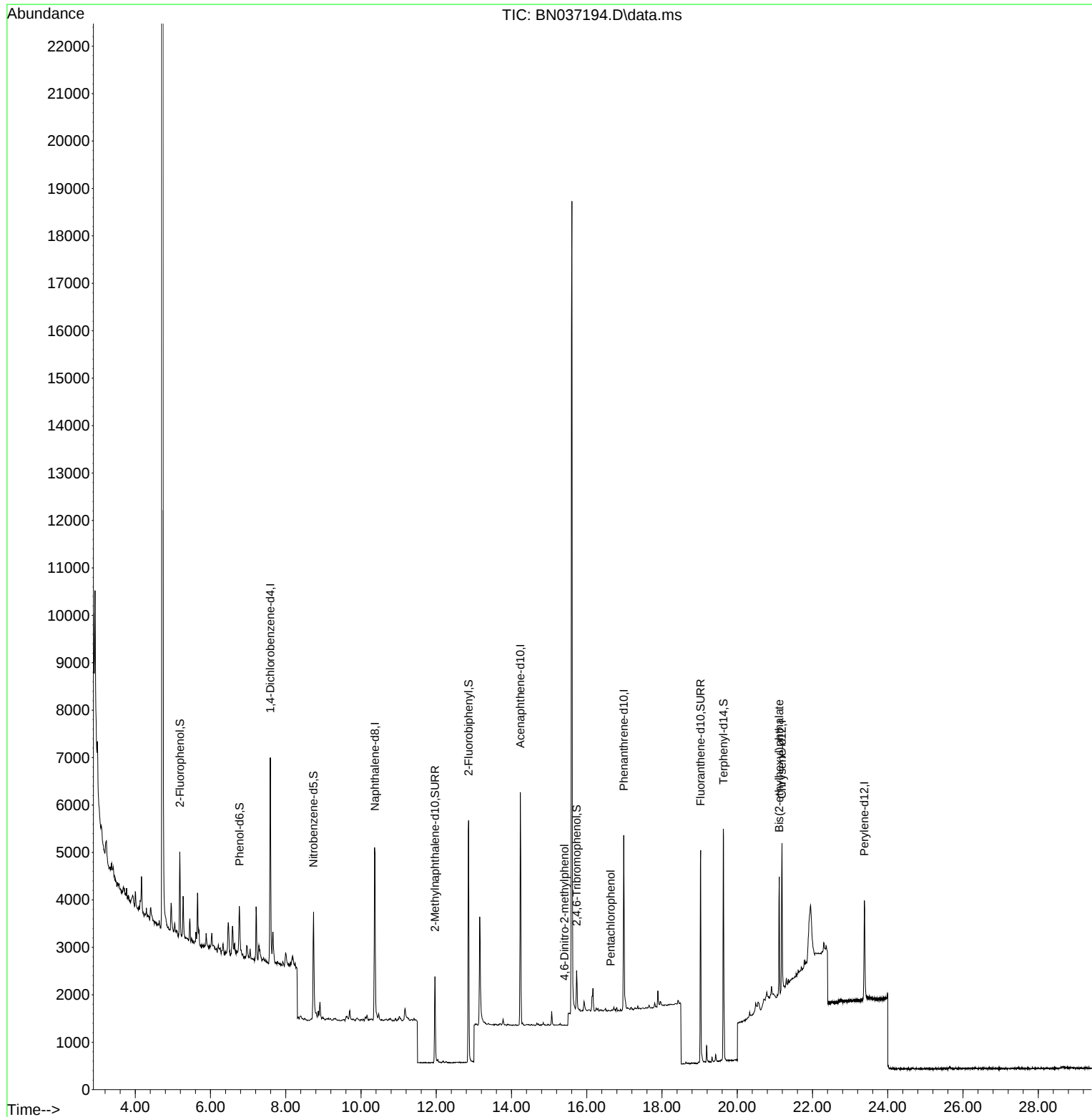
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1999	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	5087	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	2679	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4804	0.400	ng	0.00
29) Chrysene-d12	21.189	240	3021	0.400	ng	# 0.00
35) Perylene-d12	23.380	264	2805	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	1151	0.233	ng	0.00
5) Phenol-d6	6.773	99	934	0.156	ng	0.00
8) Nitrobenzene-d5	8.739	82	2028	0.378	ng	0.00
11) 2-Methylnaphthalene-d10	11.966	152	2482	0.350	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	439	0.407	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	4781	0.419	ng	0.00
27) Fluoranthene-d10	19.026	212	4898	0.401	ng	0.00
31) Terphenyl-d14	19.630	244	4583	0.644	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.411	198	1	0.275	ng	# 1
24) Pentachlorophenol	16.636	266	12	0.221	ng	# 18
34) Bis(2-ethylhexyl)phtha...	21.117	149	2310	0.335	ng	98

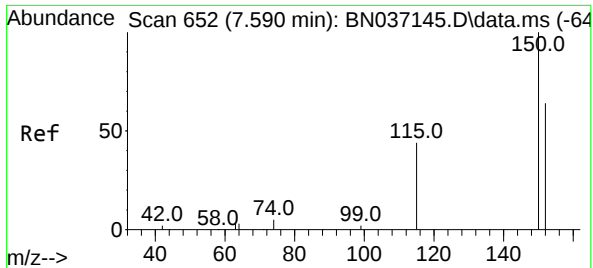
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037194.D
Acq On : 09 Jun 2025 16:26
Operator : RC/JU
Sample : Q2251-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

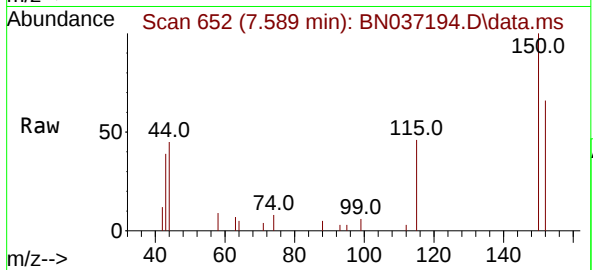
Quant Time: Jun 09 16:56:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



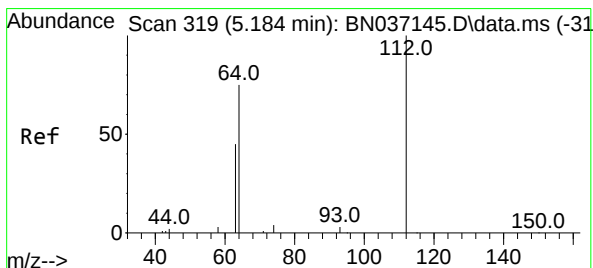
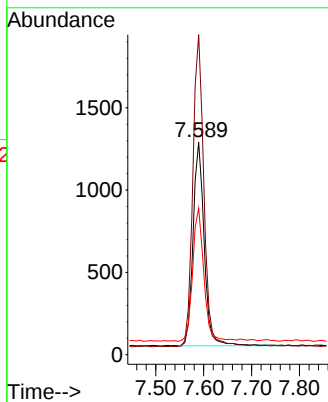
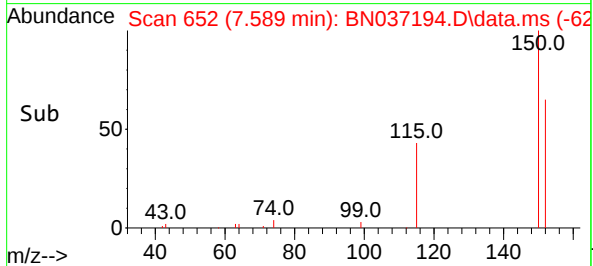


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN037194.D
 Acq: 09 Jun 2025 16:26

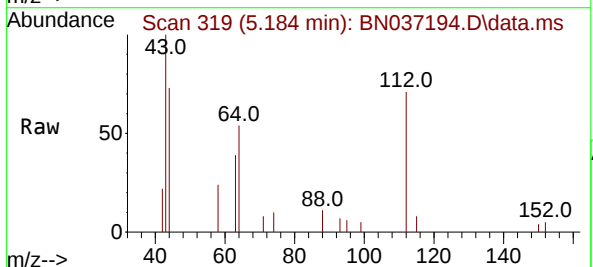
Instrument :
 BNA_N
 ClientSampleId :



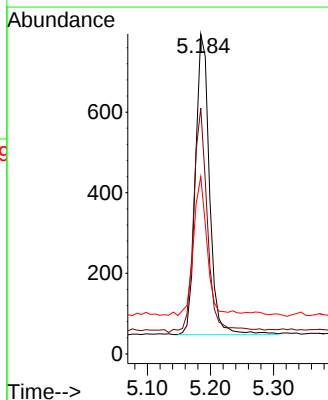
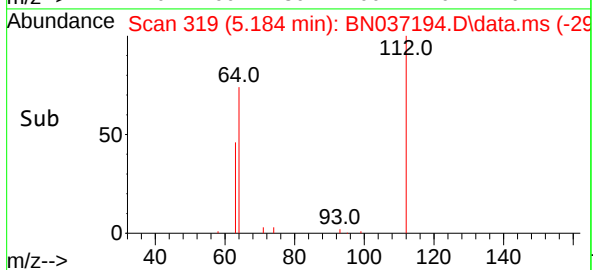
Tgt Ion:152 Resp: 1999
 Ion Ratio Lower Upper
 152 100
 150 150.7 123.2 184.8
 115 69.1 56.6 85.0

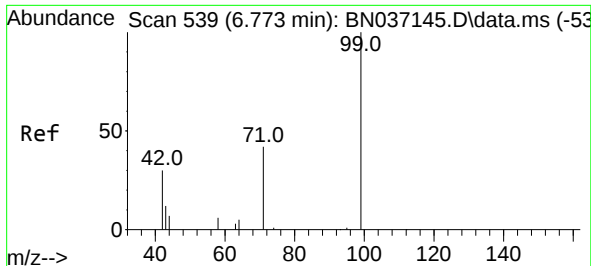


#4
 2-Fluorophenol
 Concen: 0.233 ng
 RT: 5.184 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: BN037194.D
 Acq: 09 Jun 2025 16:26



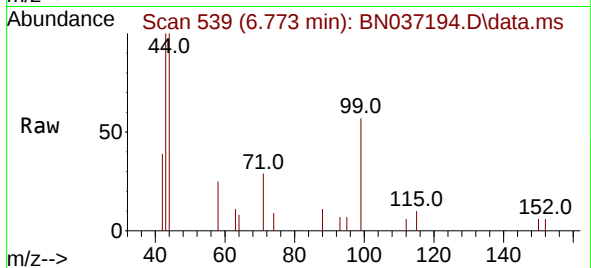
Tgt Ion:112 Resp: 1151
 Ion Ratio Lower Upper
 112 100
 64 75.1 56.3 84.5
 63 44.7 36.2 54.4



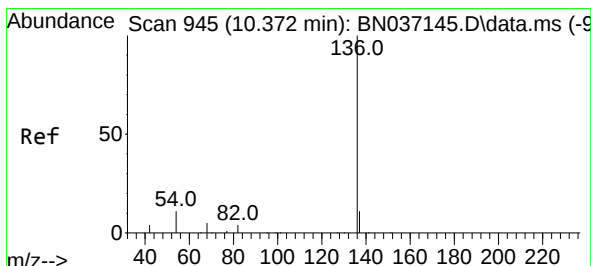
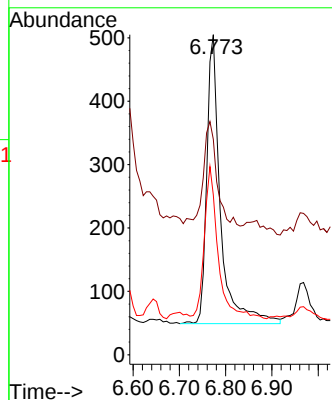
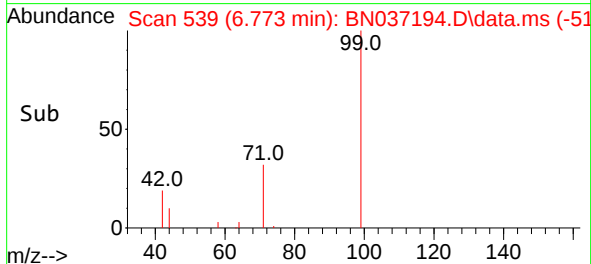


#5
Phenol-d6
Concen: 0.156 ng
RT: 6.773 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN037194.D
Acq: 09 Jun 2025 16:26

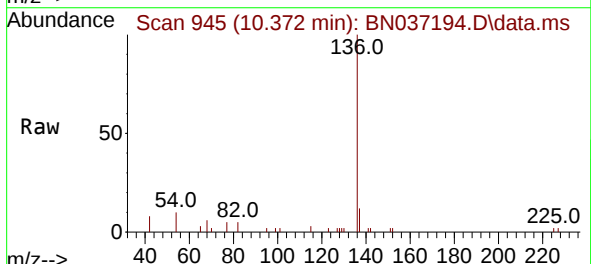
Instrument :
BNA_N
ClientSampleId :



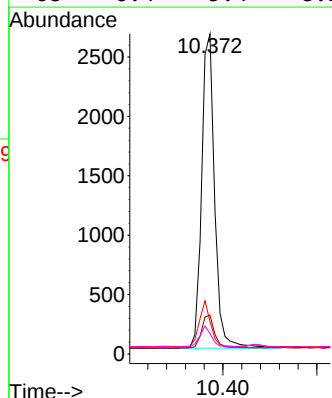
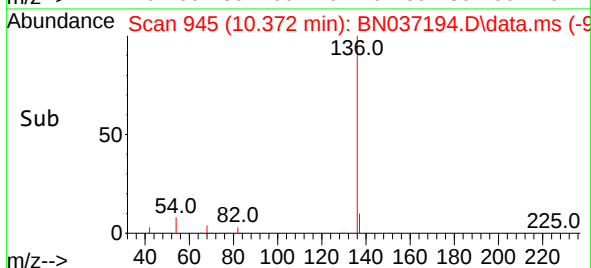
Tgt Ion:	99	Resp:	934
Ion	Ratio	Lower	Upper
99	100		
42	35.8	31.3	46.9
71	53.0	38.2	57.2

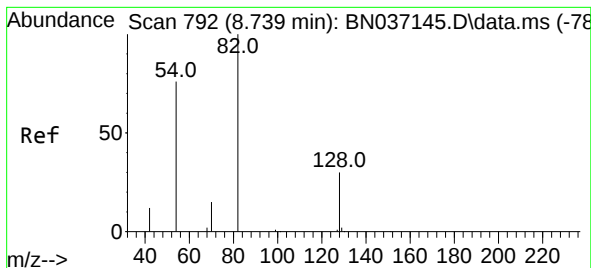


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037194.D
Acq: 09 Jun 2025 16:26



Tgt Ion:	136	Resp:	5087
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	10.1	9.7	14.5
68	6.4	5.4	8.2





#8

Nitrobenzene-d5

Concen: 0.378 ng

RT: 8.739 min Scan# 792

Delta R.T. -0.000 min

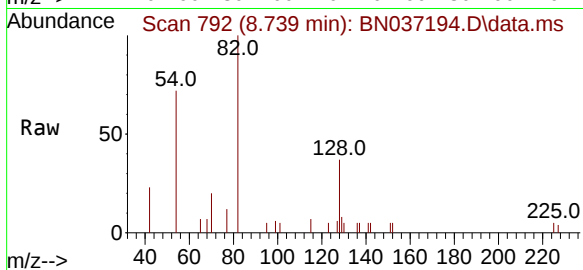
Lab File: BN037194.D

Acq: 09 Jun 2025 16:26

Instrument :

BNA_N

ClientSampleId :



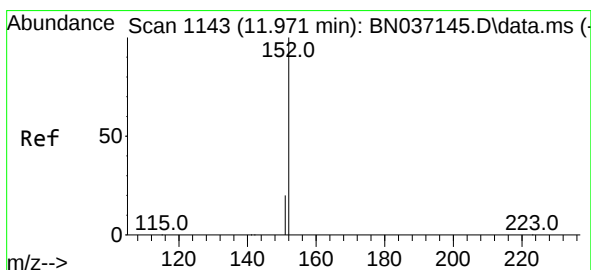
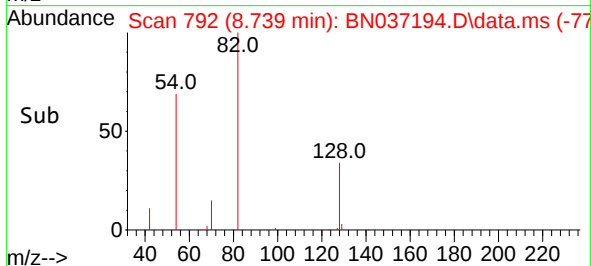
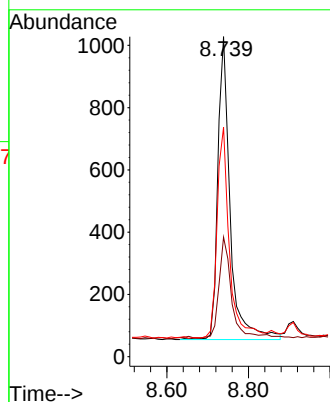
Tgt Ion: 82 Resp: 2028

Ion Ratio Lower Upper

82 100

128 37.4 26.9 40.3

54 71.7 61.4 92.2



#11

2-Methylnaphthalene-d10

Concen: 0.350 ng

RT: 11.966 min Scan# 1142

Delta R.T. -0.005 min

Lab File: BN037194.D

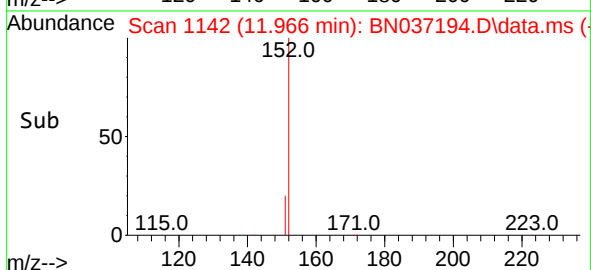
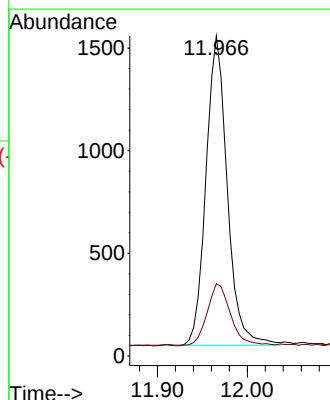
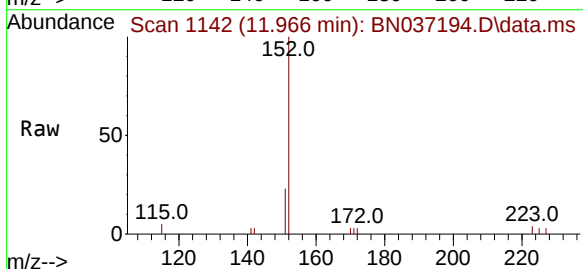
Acq: 09 Jun 2025 16:26

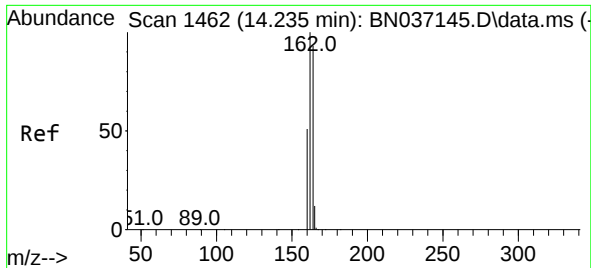
Tgt Ion: 152 Resp: 2482

Ion Ratio Lower Upper

152 100

151 22.0 17.1 25.7

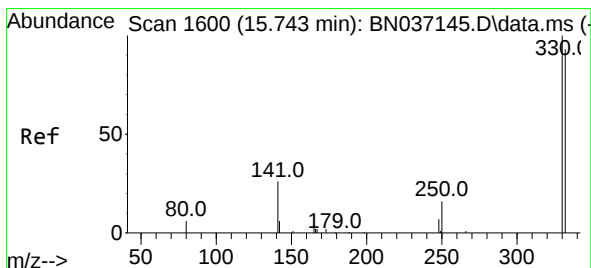
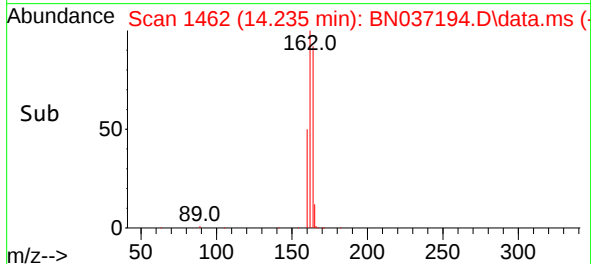
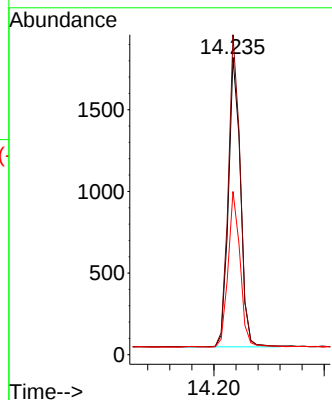
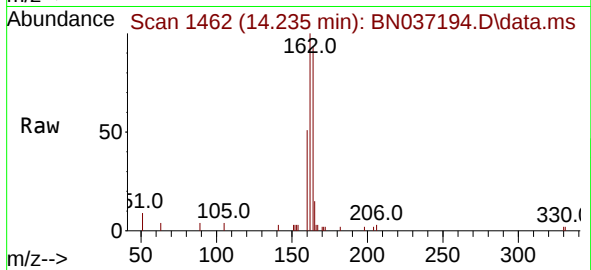




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037194.D
Acq: 09 Jun 2025 16:26

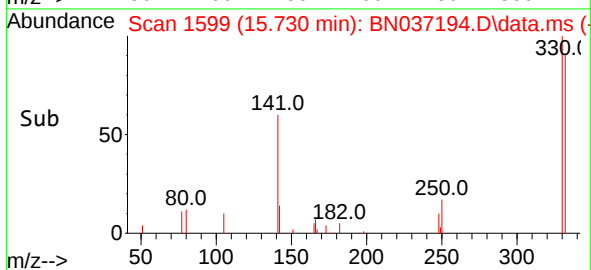
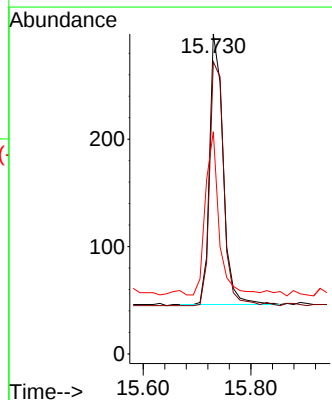
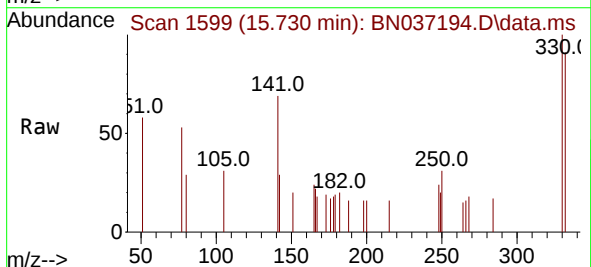
Instrument :
BNA_N
ClientSampleId :

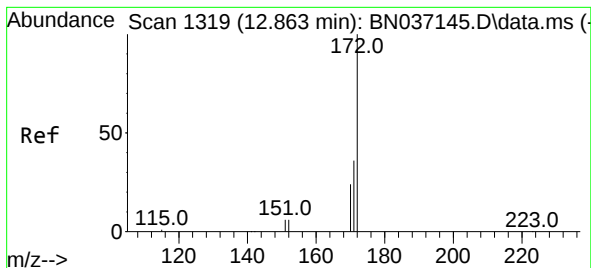
Tgt Ion:164 Resp: 2679
Ion Ratio Lower Upper
164 100
162 107.6 85.5 128.3
160 54.9 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.407 ng
RT: 15.730 min Scan# 1599
Delta R.T. -0.012 min
Lab File: BN037194.D
Acq: 09 Jun 2025 16:26

Tgt Ion:330 Resp: 439
Ion Ratio Lower Upper
330 100
332 95.0 77.1 115.7
141 60.1 46.4 69.6

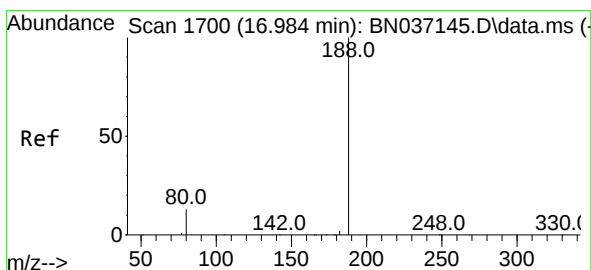
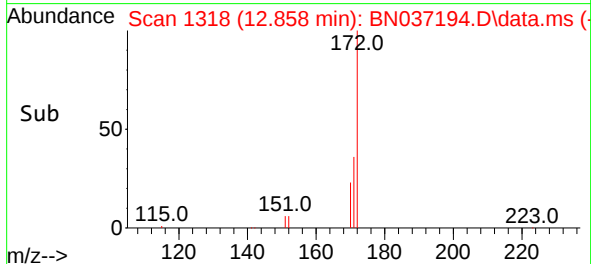
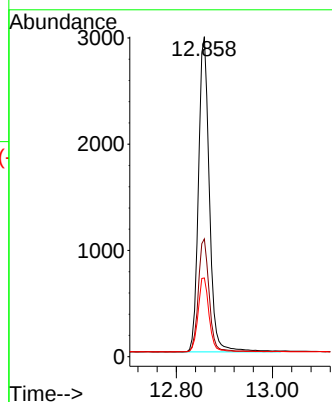
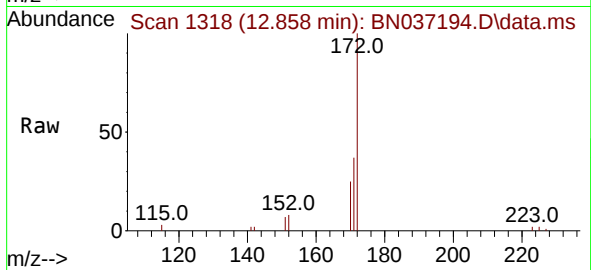




#15
2-Fluorobiphenyl
Concen: 0.419 ng
RT: 12.858 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037194.D
Acq: 09 Jun 2025 16:26

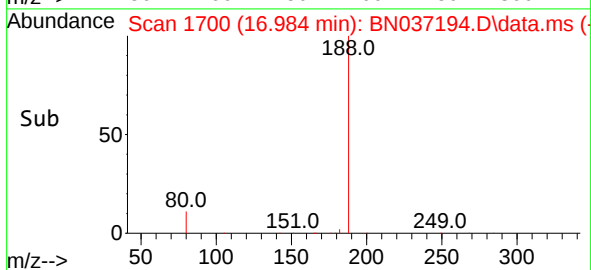
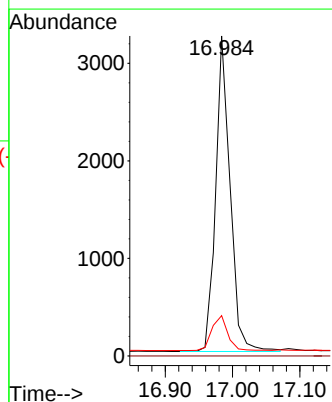
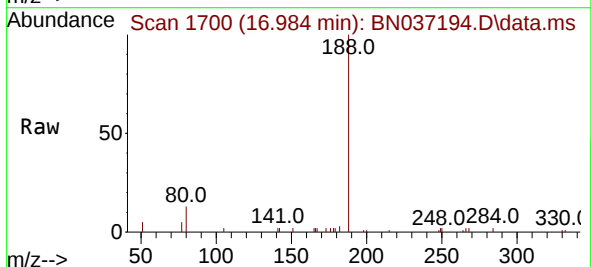
Instrument :
BNA_N
ClientSampleId :

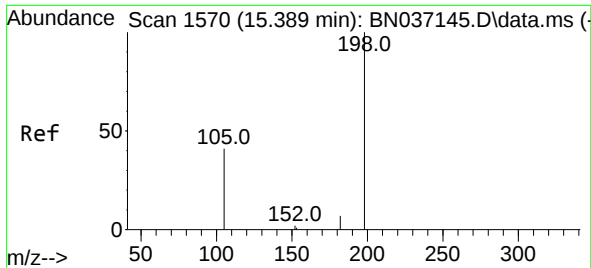
Tgt Ion:172 Resp: 4781
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.6 20.3 30.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BN037194.D
Acq: 09 Jun 2025 16:26

Tgt Ion:188 Resp: 4804
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 11.3 16.9

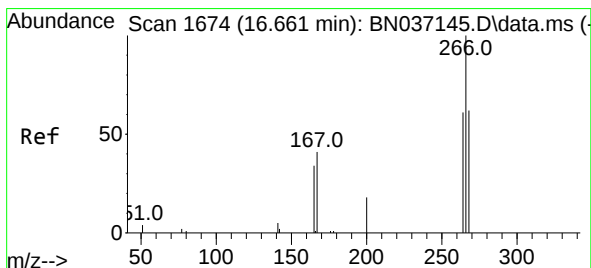
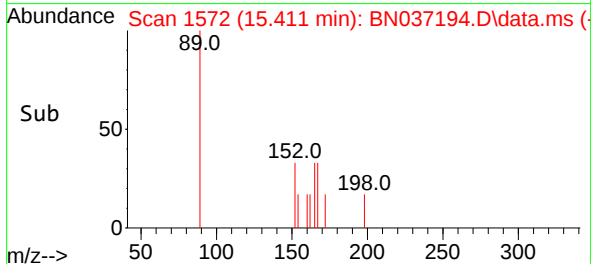
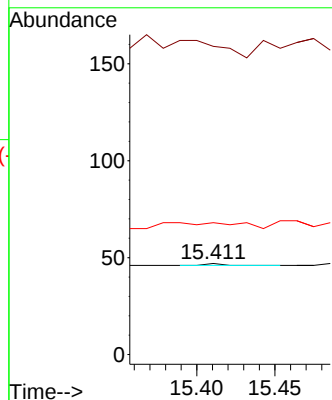
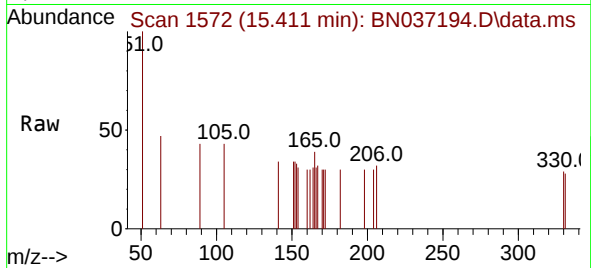




#20
4,6-Dinitro-2-methylphenol
Concen: 0.275 ng
RT: 15.411 min Scan# 1572
Delta R.T. 0.022 min
Lab File: BN037194.D
Acq: 09 Jun 2025 16:26

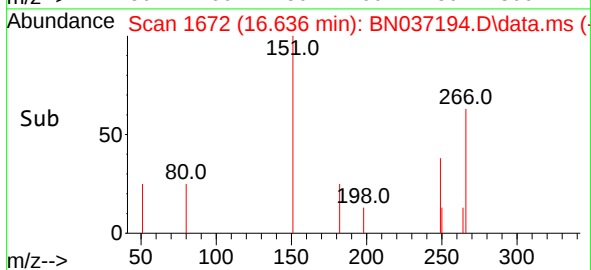
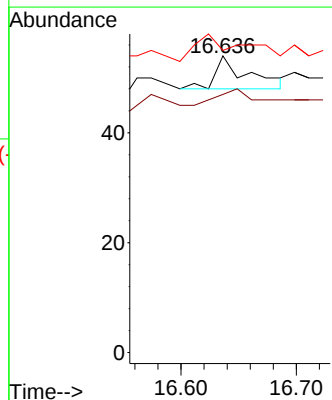
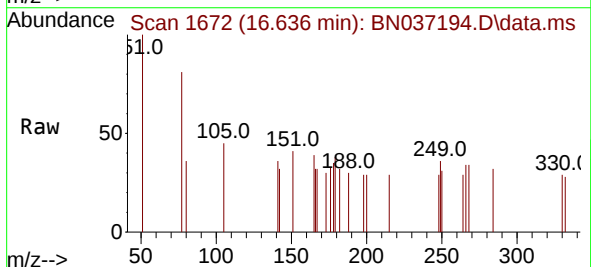
Instrument :
BNA_N
ClientSampleId :

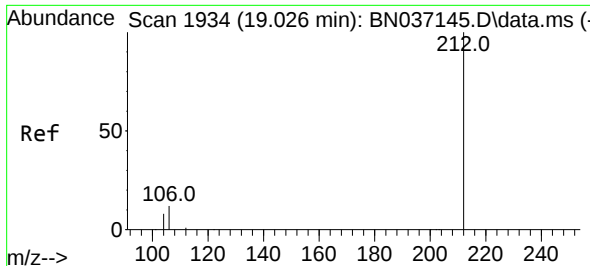
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 338.3 125.2 187.8#
105 144.7 57.1 85.7#



#24
Pentachlorophenol
Concen: 0.221 ng
RT: 16.636 min Scan# 1672
Delta R.T. -0.025 min
Lab File: BN037194.D
Acq: 09 Jun 2025 16:26

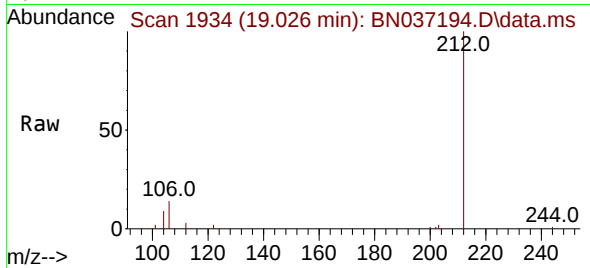
Tgt Ion:266 Resp: 12
Ion Ratio Lower Upper
266 100
264 0.0 49.3 73.9#
268 125.0 49.0 73.4#



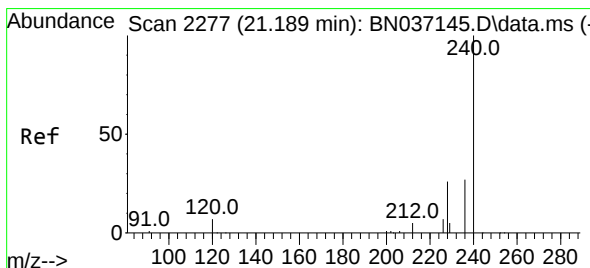
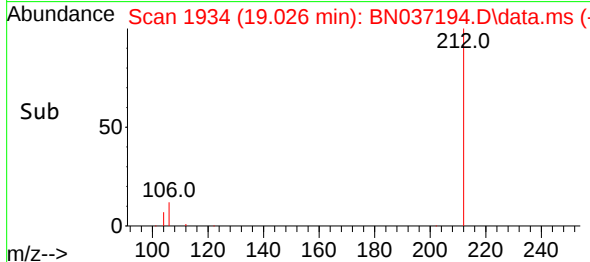
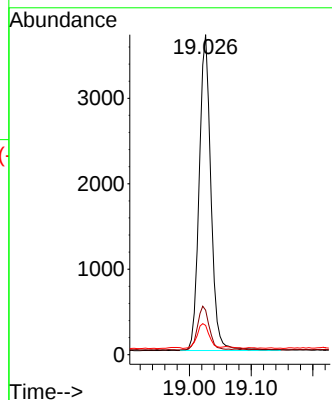


#27
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037194.D
Acq: 09 Jun 2025 16:26

Instrument :
BNA_N
ClientSampleId :

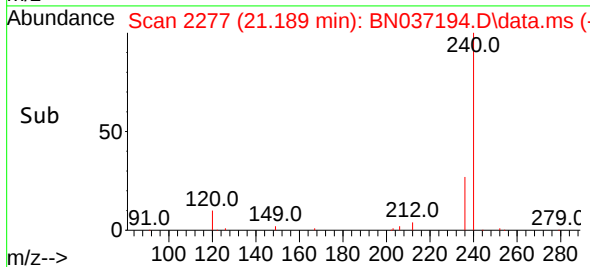
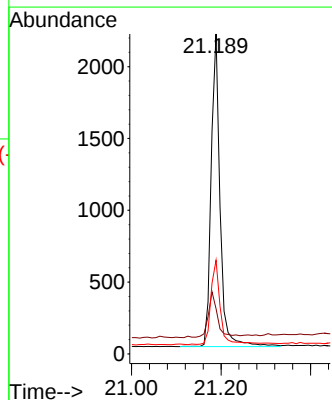
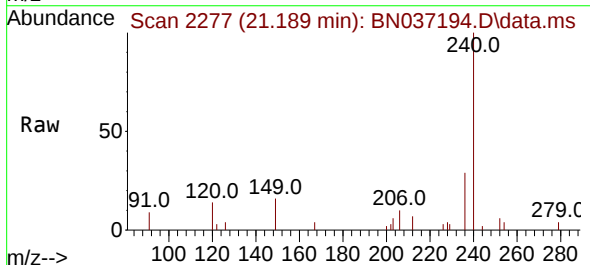


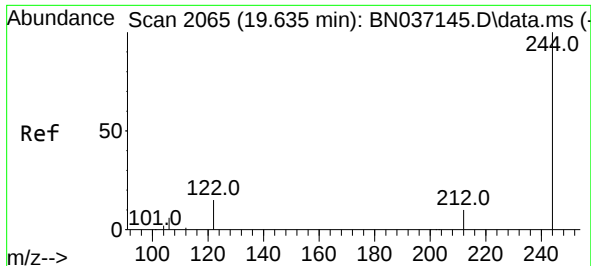
Tgt Ion:212 Resp: 4898
Ion Ratio Lower Upper
212 100
106 13.9 10.6 15.8
104 8.1 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BN037194.D
Acq: 09 Jun 2025 16:26

Tgt Ion:240 Resp: 3021
Ion Ratio Lower Upper
240 100
120 14.1 9.0 13.4#
236 29.3 23.0 34.4



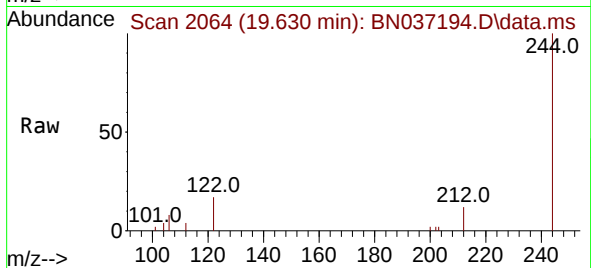


#31
 Terphenyl-d14
 Concen: 0.644 ng
 RT: 19.630 min Scan# 2064
 Delta R.T. -0.005 min
 Lab File: BN037194.D
 Acq: 09 Jun 2025 16:26

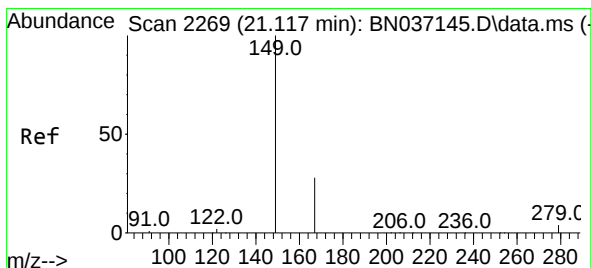
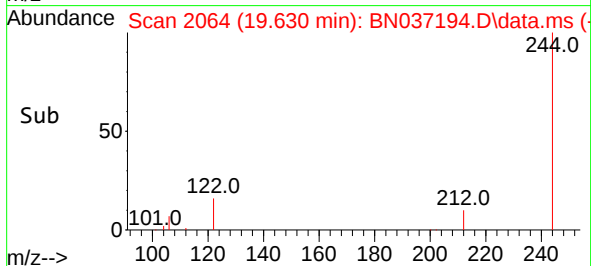
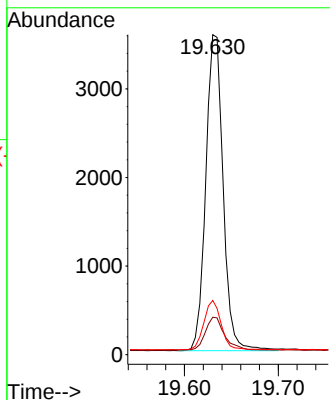
Instrument :

BNA_N

ClientSampleId :

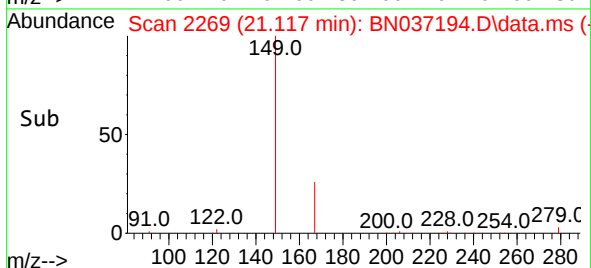
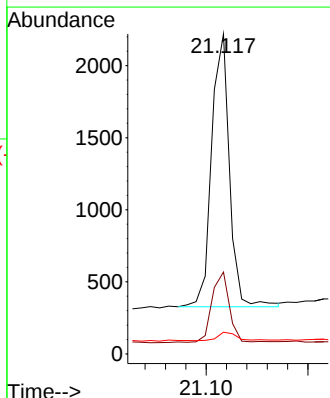
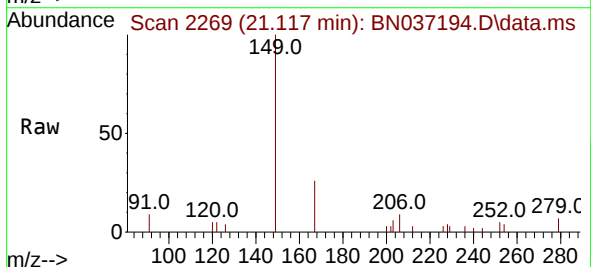


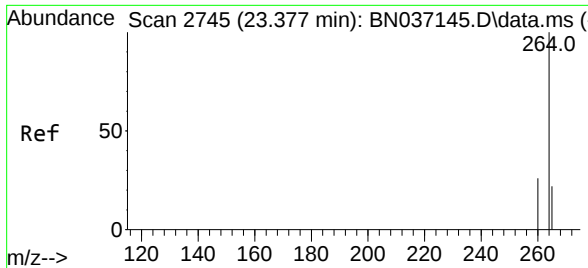
Tgt Ion:244 Resp: 4583
 Ion Ratio Lower Upper
 244 100
 212 11.7 10.0 15.0
 122 16.9 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.335 ng
 RT: 21.117 min Scan# 2269
 Delta R.T. -0.000 min
 Lab File: BN037194.D
 Acq: 09 Jun 2025 16:26

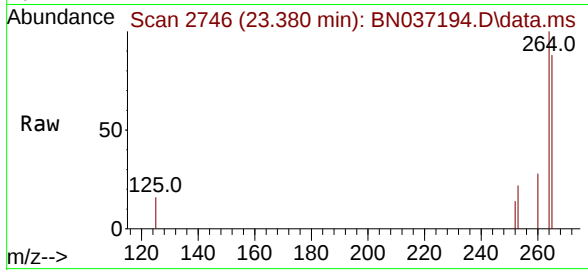
Tgt Ion:149 Resp: 2310
 Ion Ratio Lower Upper
 149 100
 167 25.1 21.0 31.4
 279 3.5 2.9 4.3





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.380 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN037194.D
Acq: 09 Jun 2025 16:26

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 2805

Ion	Ratio	Lower	Upper
264	100		
260	28.2	22.1	33.1
265	88.2	55.8	83.8

