

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
 Data File : BN037178.D
 Acq On : 05 Jun 2025 13:20
 Operator : RC/JU
 Sample : Q2200-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 05 14:09:12 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)

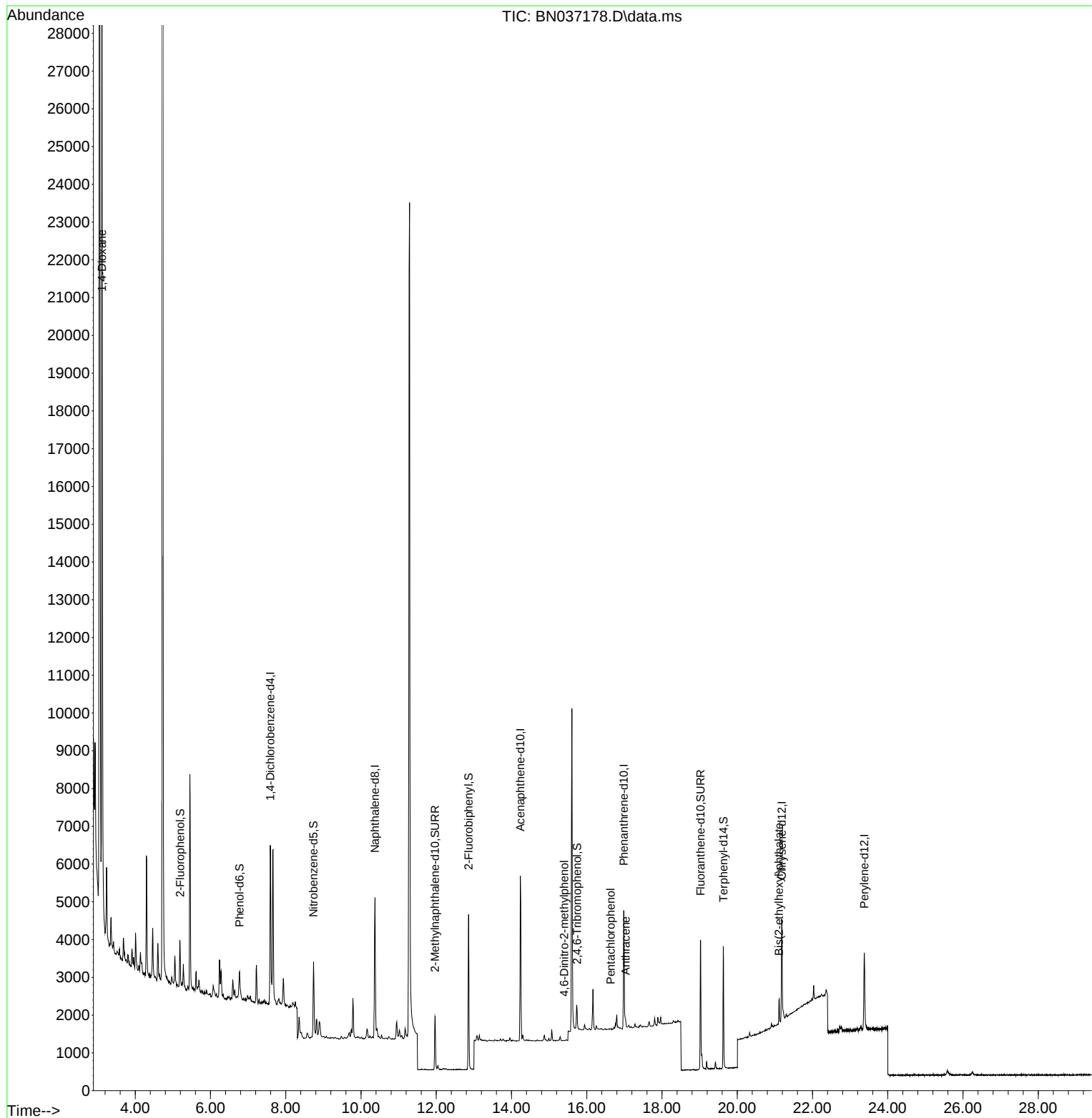
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1903	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4873	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	2514	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4282	0.400	ng	0.00
29) Chrysene-d12	21.189	240	2888	0.400	ng	0.00
35) Perylene-d12	23.377	264	2734	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	806	0.171	ng	0.00
5) Phenol-d6	6.773	99	603	0.106	ng	0.00
8) Nitrobenzene-d5	8.739	82	1605	0.312	ng	0.00
11) 2-Methylnaphthalene-d10	11.966	152	1998	0.295	ng	0.00
14) 2,4,6-Tribromophenol	15.743	330	377	0.372	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	3476	0.324	ng	0.00
27) Fluoranthene-d10	19.026	212	3980	0.366	ng	0.00
31) Terphenyl-d14	19.630	244	3083	0.454	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	15673	6.179	ng	96
20) 4,6-Dinitro-2-methylph...	15.400	198	4	0.277	ng	# 1
24) Pentachlorophenol	16.636	266	11	0.221	ng	# 1
26) Anthracene	17.034	178	255	0.020	ng	98
34) Bis(2-ethylhexyl)phtha...	21.108	149	683	0.104	ng	# 98

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

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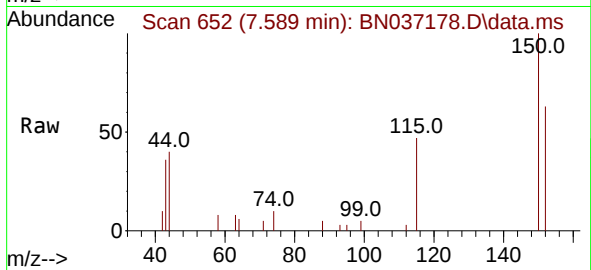
Quant Time: Jun 05 14:09:12 2025
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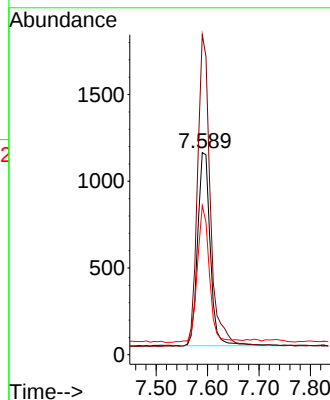
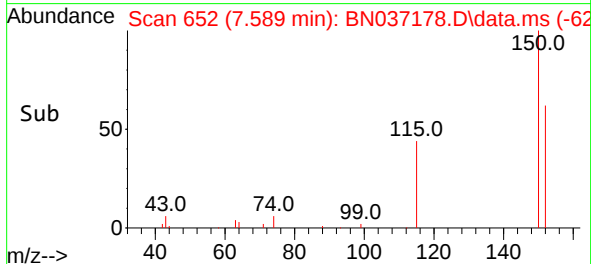


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN037178.D
 Acq: 05 Jun 2025 13:20

Instrument :
 BNA_N
 ClientSampleId :

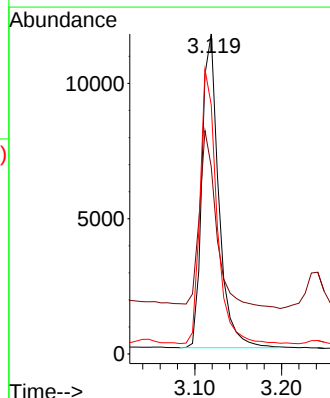
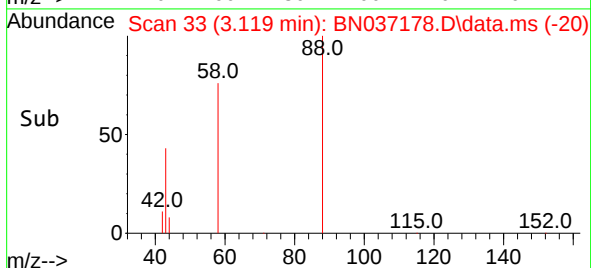
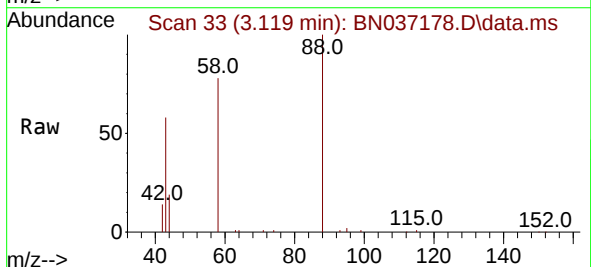


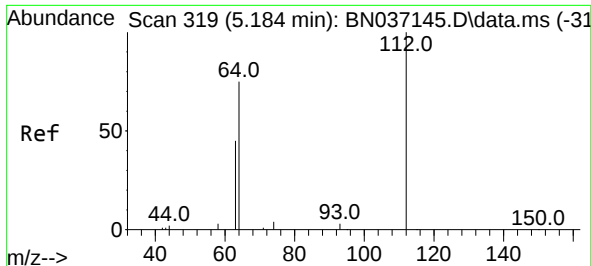
Tgt Ion:152 Resp: 1903
 Ion Ratio Lower Upper
 152 100
 150 158.4 123.2 184.8
 115 73.8 56.6 85.0



#2
 1,4-Dioxane
 Concen: 6.179 ng
 RT: 3.119 min Scan# 33
 Delta R.T. -0.007 min
 Lab File: BN037178.D
 Acq: 05 Jun 2025 13:20

Tgt Ion: 88 Resp: 15673
 Ion Ratio Lower Upper
 88 100
 43 58.2 43.5 65.3
 58 86.8 67.7 101.5

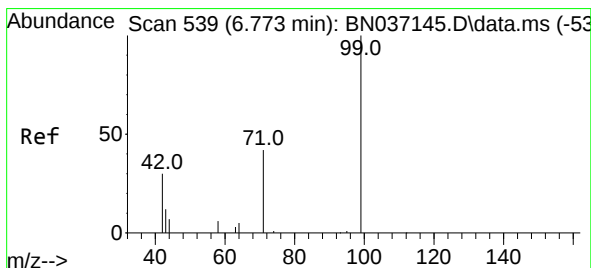
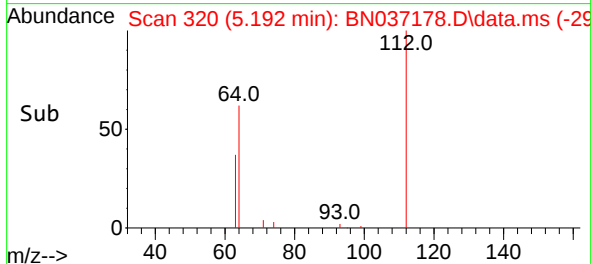
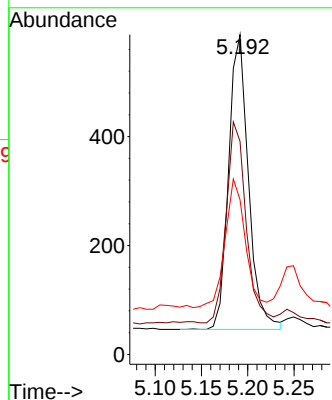
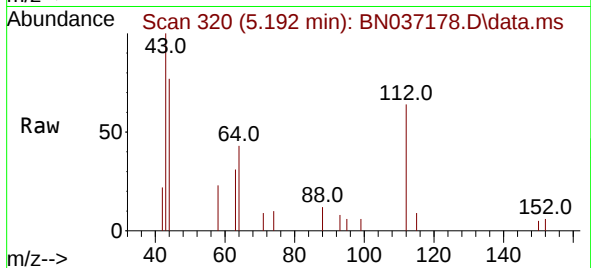




#4
2-Fluorophenol
Concen: 0.171 ng
RT: 5.192 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

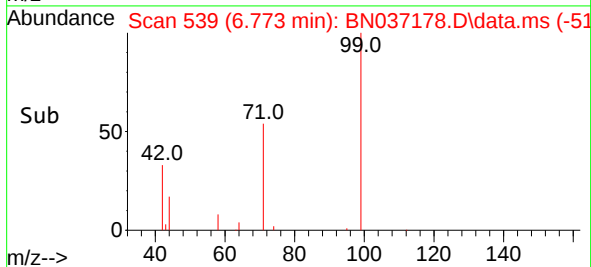
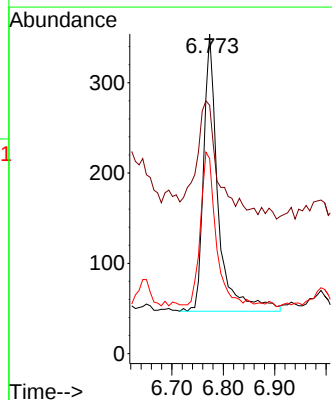
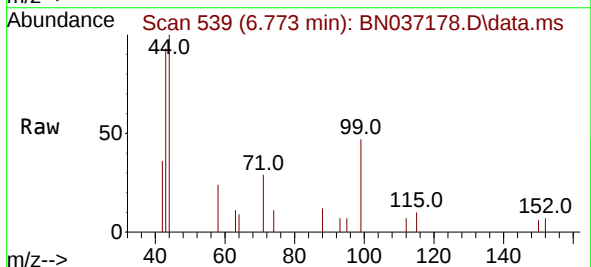
Instrument :
BNA_N
ClientSampleId :

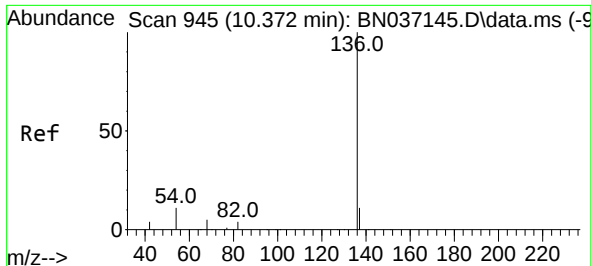
Tgt Ion:112 Resp: 806
Ion Ratio Lower Upper
112 100
64 69.1 56.3 84.5
63 45.2 36.2 54.4



#5
Phenol-d6
Concen: 0.106 ng
RT: 6.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

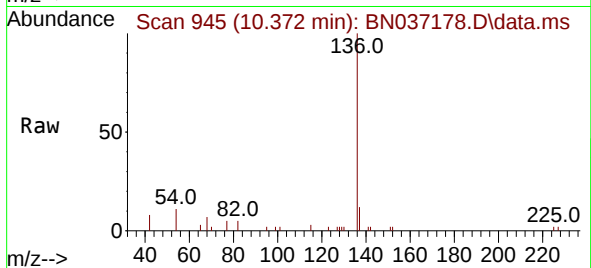
Tgt Ion: 99 Resp: 603
Ion Ratio Lower Upper
99 100
42 59.4 31.3 46.9#
71 58.2 38.2 57.2#



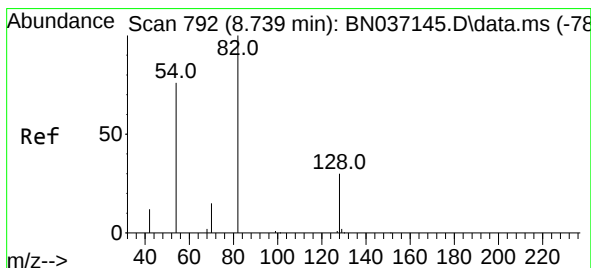
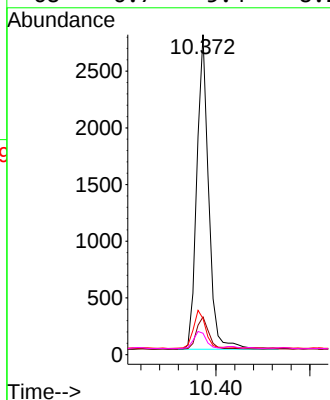
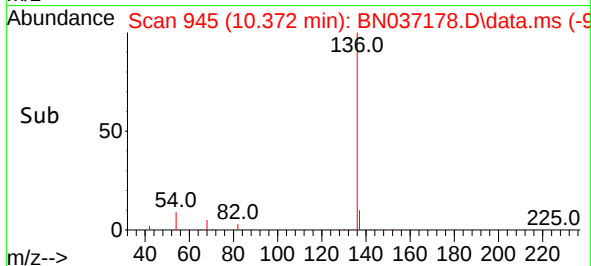


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

Instrument :
BNA_N
ClientSampleId :

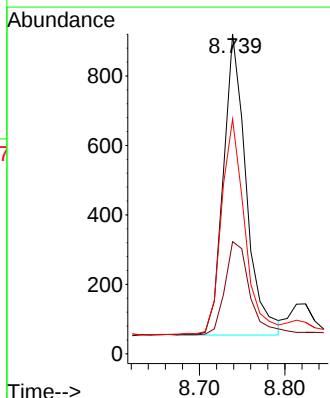
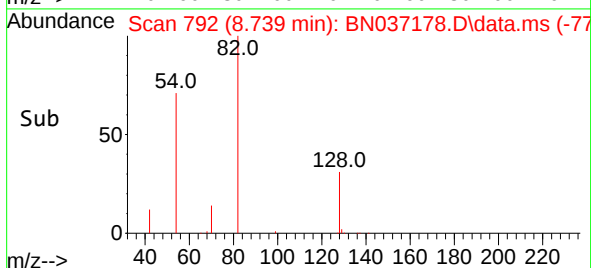
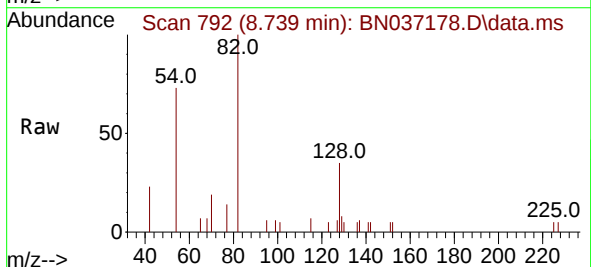


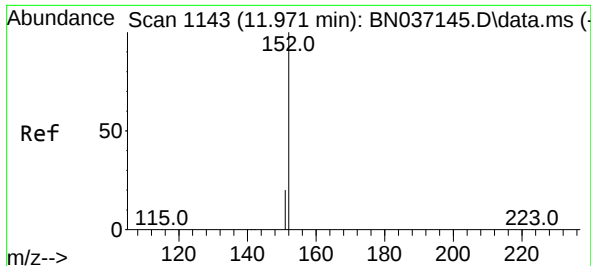
Tgt Ion:	136	Resp:	4873
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.7	14.5
54	11.3	9.7	14.5
68	6.7	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.312 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

Tgt Ion:	82	Resp:	1605
Ion	Ratio	Lower	Upper
82	100		
128	35.1	26.9	40.3
54	73.4	61.4	92.2

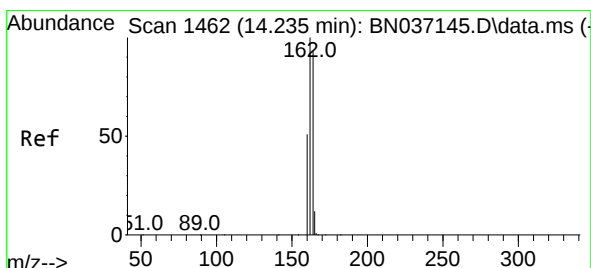
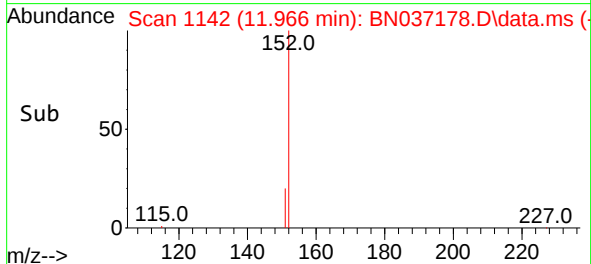
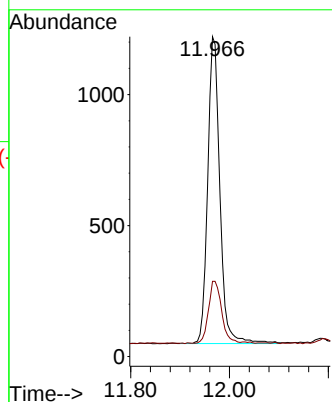
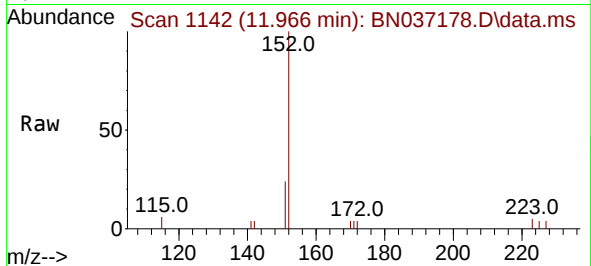




#11
2-Methylnaphthalene-d10
Concen: 0.295 ng
RT: 11.966 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

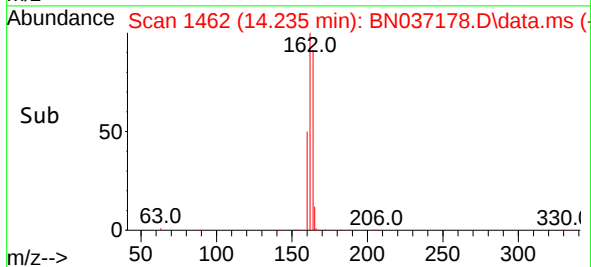
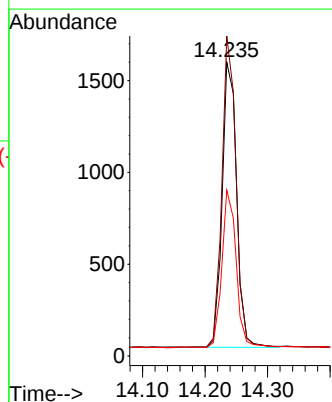
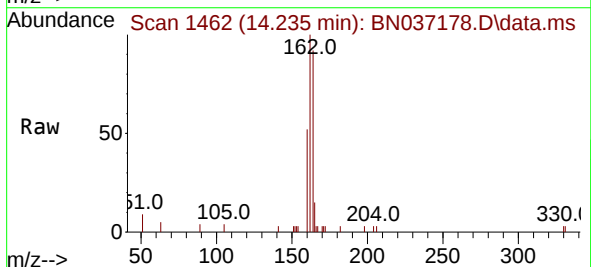
Instrument :
BNA_N
ClientSampleId :

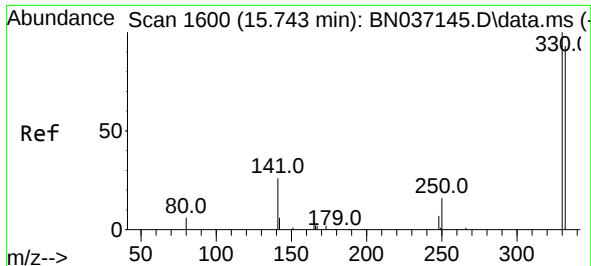
Tgt Ion:152 Resp: 1998
Ion Ratio Lower Upper
152 100
151 21.7 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

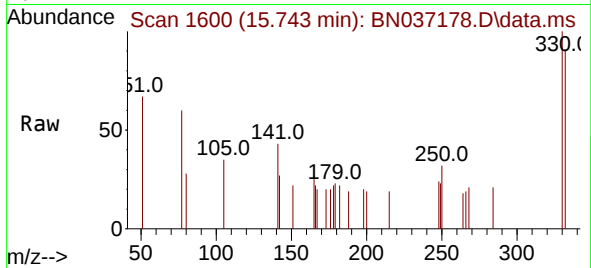
Tgt Ion:164 Resp: 2514
Ion Ratio Lower Upper
164 100
162 108.9 85.5 128.3
160 56.4 44.6 67.0



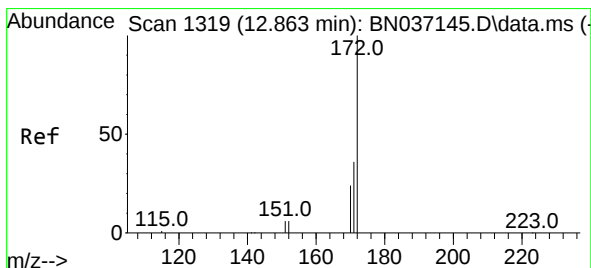
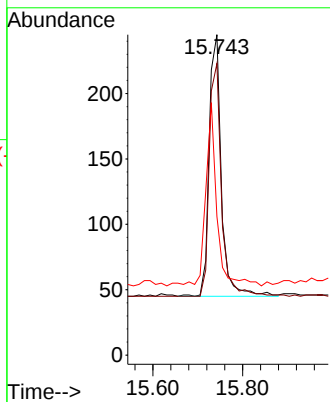
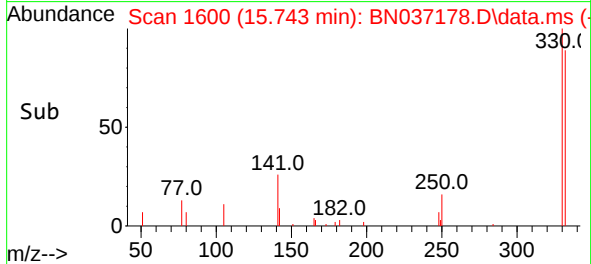


#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 15.743 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

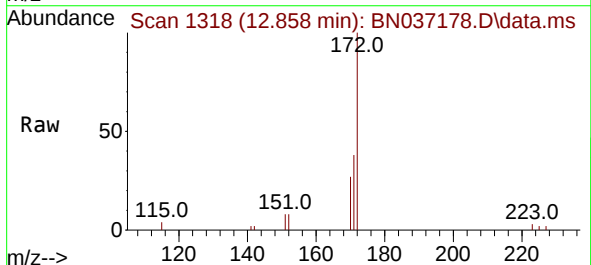
Instrument :
BNA_N
ClientSampleId :



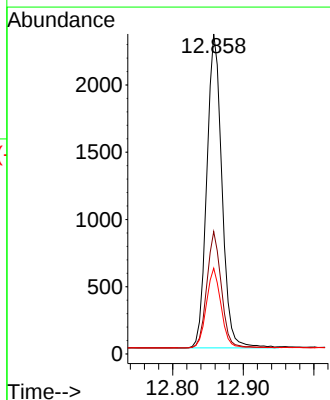
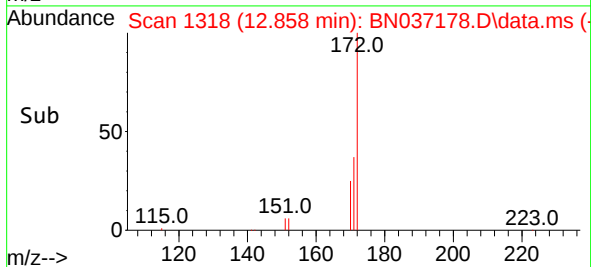
Tgt Ion:330 Resp: 377
Ion Ratio Lower Upper
330 100
332 89.4 77.1 115.7
141 62.6 46.4 69.6

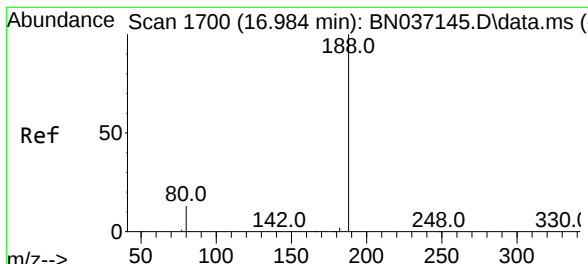


#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 12.858 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20



Tgt Ion:172 Resp: 3476
Ion Ratio Lower Upper
172 100
171 38.3 29.6 44.4
170 26.8 20.3 30.5

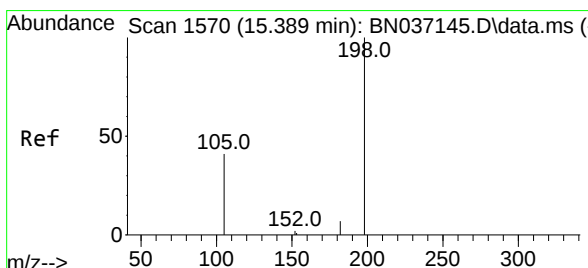
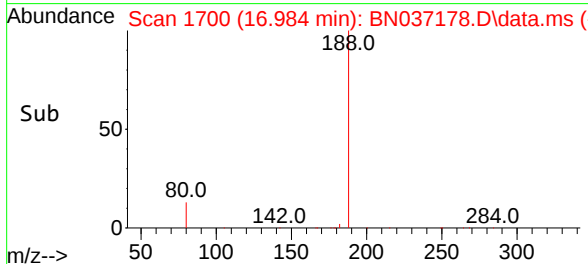
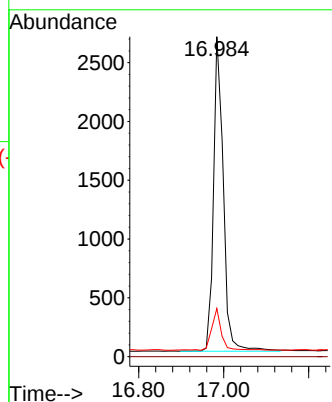
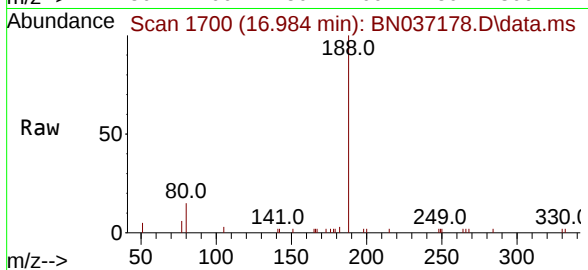




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.984 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN037178.D
 Acq: 05 Jun 2025 13:20

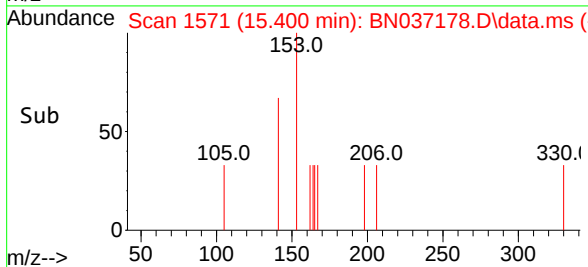
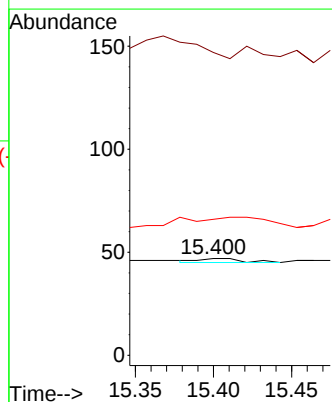
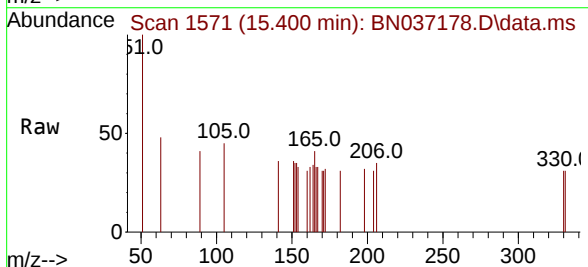
Instrument :
 BNA_N
 ClientSampleId :

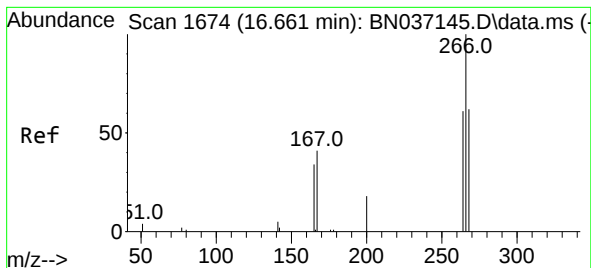
Tgt Ion:188	Resp:	4282
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	15.0	11.3



#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.277 ng
 RT: 15.400 min Scan# 1571
 Delta R.T. 0.011 min
 Lab File: BN037178.D
 Acq: 05 Jun 2025 13:20

Tgt Ion:198	Resp:	4
Ion Ratio	Lower	Upper
198	100	
51	312.8	125.2
105	140.4	57.1





#24

Pentachlorophenol

Concen: 0.221 ng

RT: 16.636 min Scan# 1

Delta R.T. -0.025 min

Lab File: BN037178.D

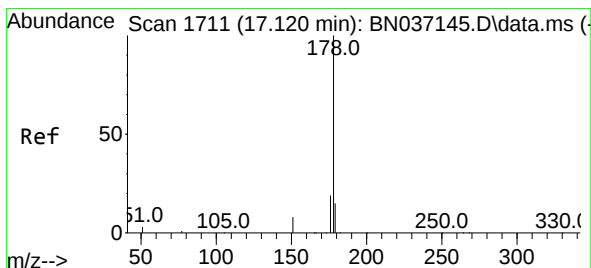
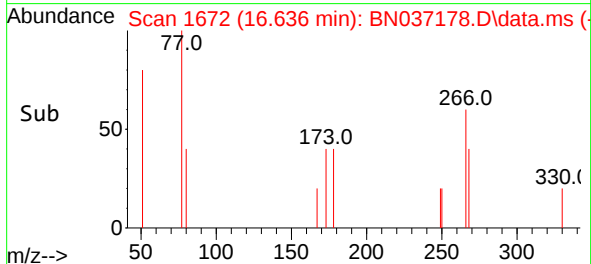
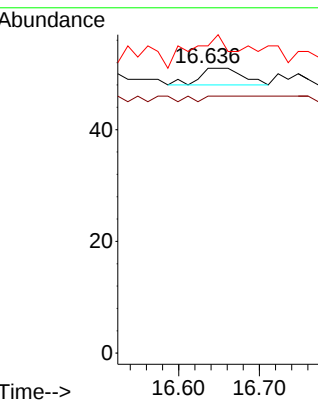
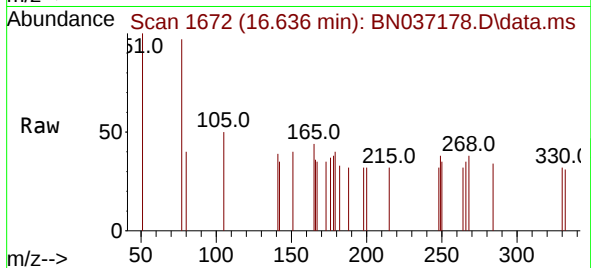
Acq: 05 Jun 2025 13:20

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	266	Resp:	11
Ion Ratio	Lower	Upper	
266	100		
264	0.0	49.3	73.9#
268	181.8	49.0	73.4#



#26

Anthracene

Concen: 0.020 ng

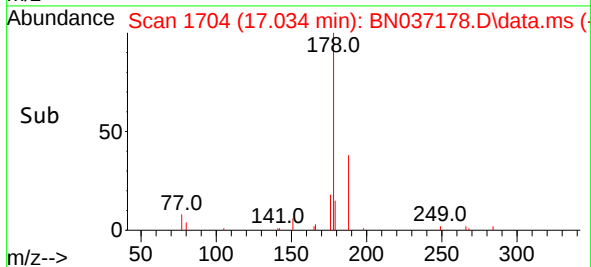
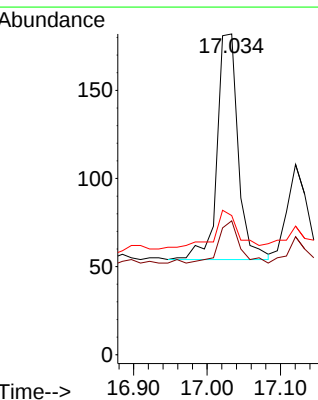
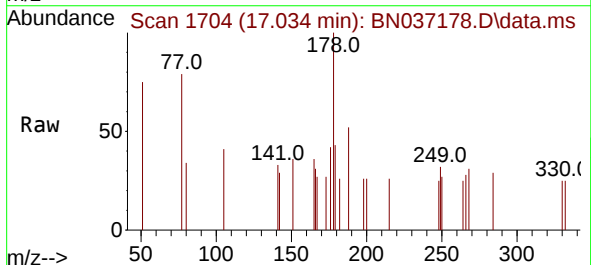
RT: 17.034 min Scan# 1704

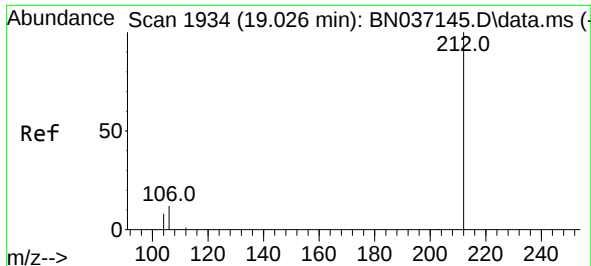
Delta R.T. -0.087 min

Lab File: BN037178.D

Acq: 05 Jun 2025 13:20

Tgt Ion:	178	Resp:	255
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.2	22.8
179	16.9	12.9	19.3

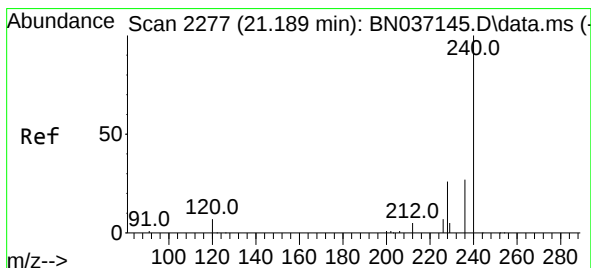
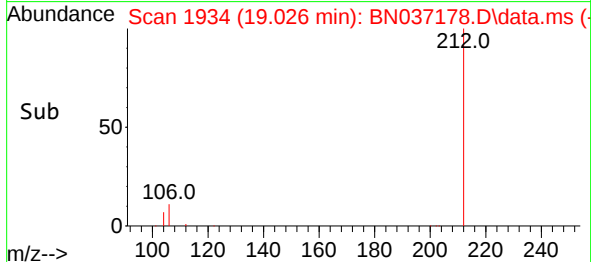
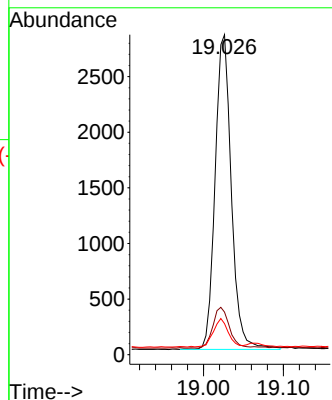
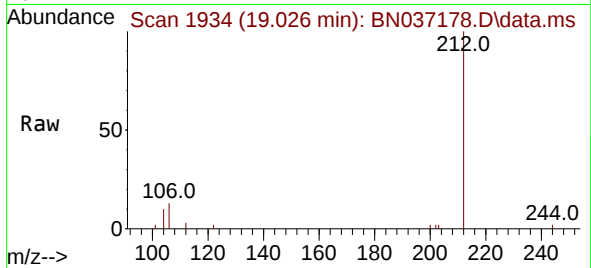




#27
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

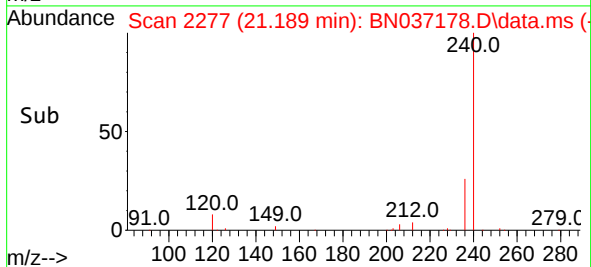
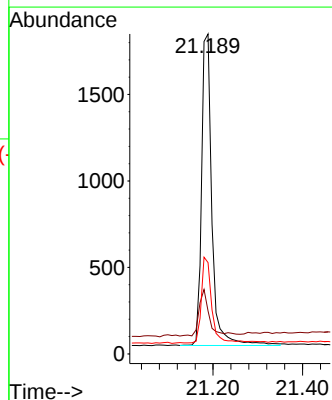
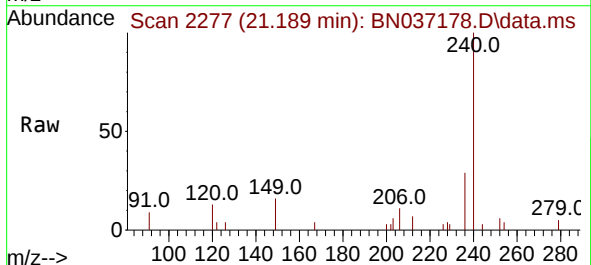
Instrument :
BNA_N
ClientSampleId :

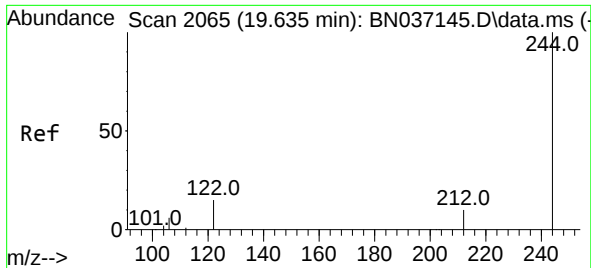
Tgt Ion:212 Resp: 3980
Ion Ratio Lower Upper
212 100
106 13.2 10.6 15.8
104 8.2 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

Tgt Ion:240 Resp: 2888
Ion Ratio Lower Upper
240 100
120 13.4 9.0 13.4
236 28.5 23.0 34.4

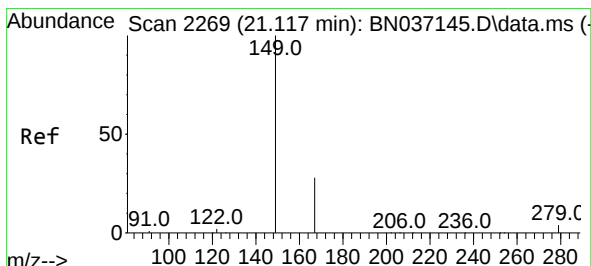
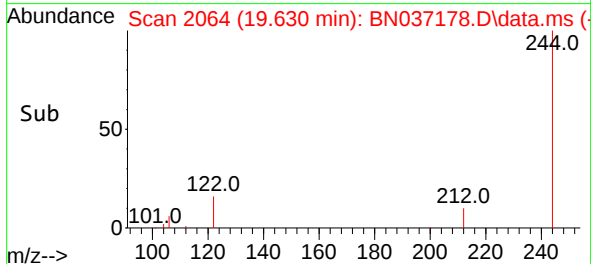
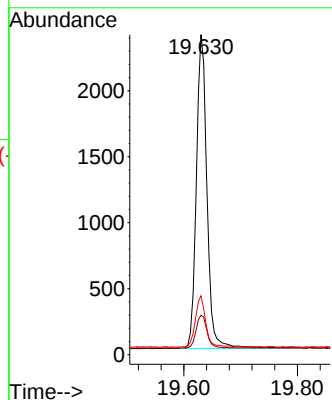
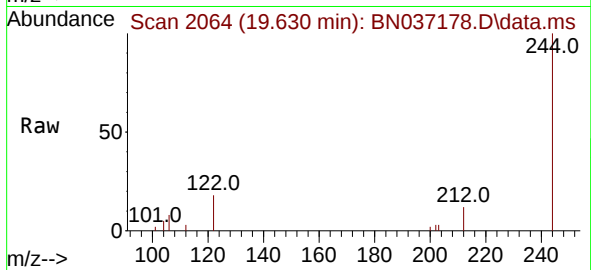




#31
 Terphenyl-d14
 Concen: 0.454 ng
 RT: 19.630 min Scan# 2065
 Delta R.T. -0.005 min
 Lab File: BN037178.D
 Acq: 05 Jun 2025 13:20

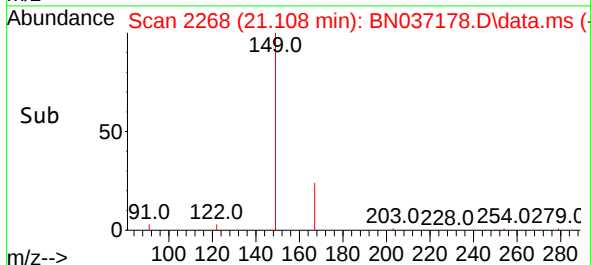
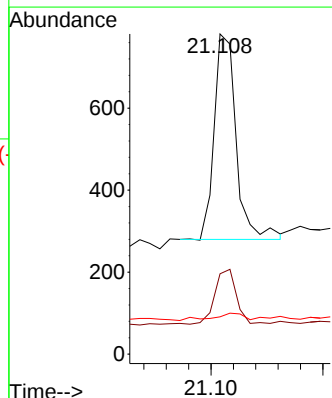
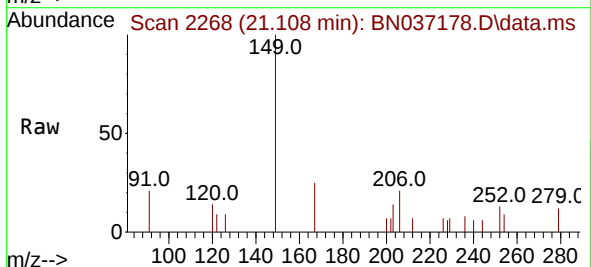
Instrument :
 BNA_N
 ClientSampleId :

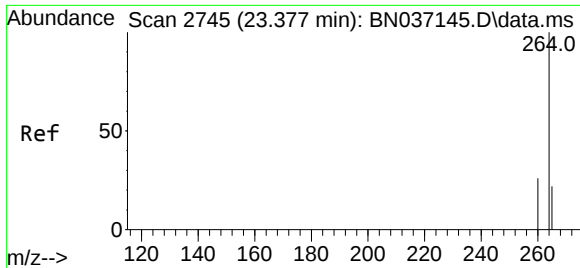
Tgt Ion:244 Resp: 3083
 Ion Ratio Lower Upper
 244 100
 212 12.3 10.0 15.0
 122 18.4 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.104 ng
 RT: 21.108 min Scan# 2268
 Delta R.T. -0.009 min
 Lab File: BN037178.D
 Acq: 05 Jun 2025 13:20

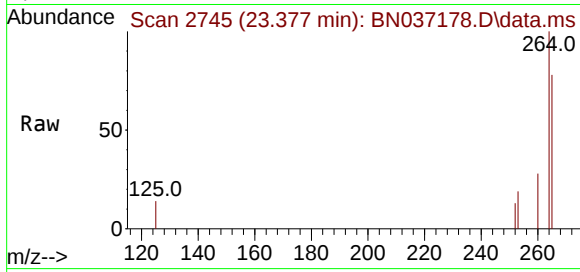
Tgt Ion:149 Resp: 683
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.0 31.4
 279 6.0 2.9 4.3#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.377 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN037178.D
 Acq: 05 Jun 2025 13:20

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 2734

Ion	Ratio	Lower	Upper
264	100		
260	28.1	22.1	33.1
265	77.8	55.8	83.8

