

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060425\
 Data File : BN037167.D
 Acq On : 04 Jun 2025 11:03
 Operator : RC/JU
 Sample : PB168238BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 04 12:25:23 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)

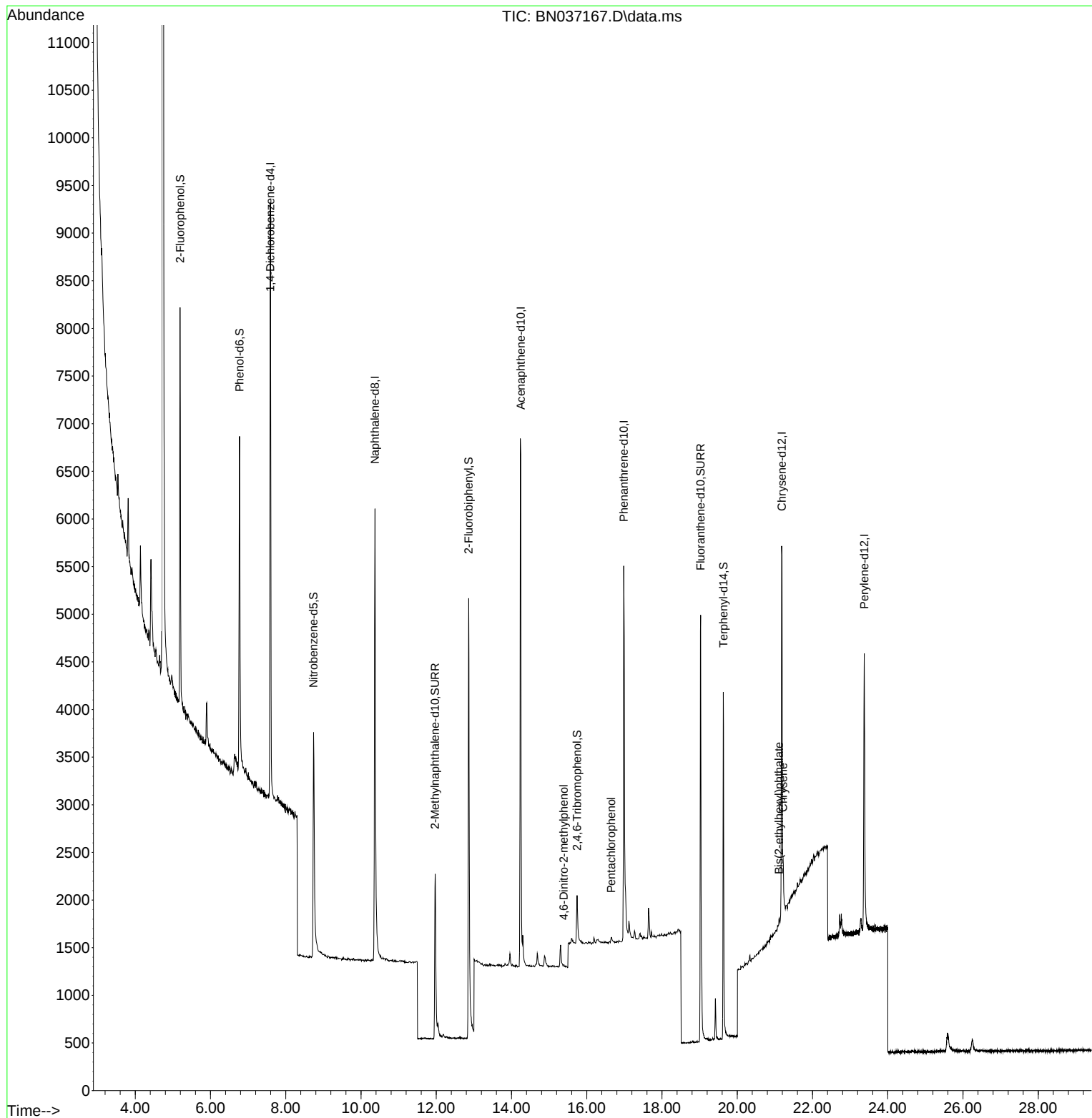
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2941	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	7107	0.400	ng	0.00
13) Acenaphthene-d10	14.245	164	3690	0.400	ng	0.01
19) Phenanthrene-d10	16.984	188	6730	0.400	ng	0.00
29) Chrysene-d12	21.189	240	4435	0.400	ng	0.00
35) Perylene-d12	23.374	264	4132	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	2715	0.373	ng	0.00
5) Phenol-d6	6.773	99	3089	0.350	ng	0.00
8) Nitrobenzene-d5	8.739	82	2547	0.340	ng	0.00
11) 2-Methylnaphthalene-d10	11.971	152	3335	0.337	ng	0.00
14) 2,4,6-Tribromophenol	15.743	330	378	0.254	ng	0.00
15) 2-Fluorobiphenyl	12.863	172	5709	0.363	ng	0.00
27) Fluoranthene-d10	19.026	212	5729	0.335	ng	0.00
31) Terphenyl-d14	19.630	244	3861	0.370	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.389	198	4	0.276	ng	Qvalue # 1
24) Pentachlorophenol	16.649	266	60	0.236	ng	# 76
33) Chrysene	21.215	228	376	0.021	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.108	149	227	0.022	ng	# 75

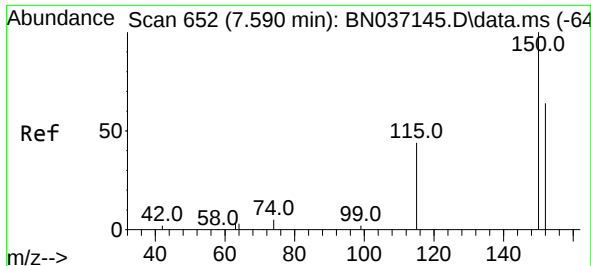
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060425\
Data File : BN037167.D
Acq On : 04 Jun 2025 11:03
Operator : RC/JU
Sample : PB168238BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

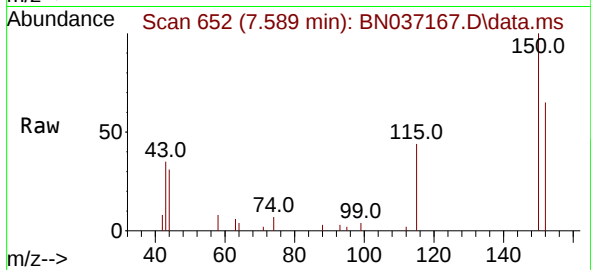
Quant Time: Jun 04 12:25:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



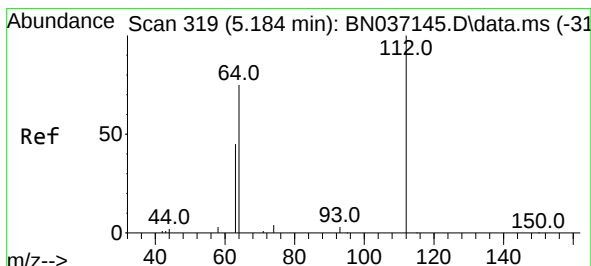
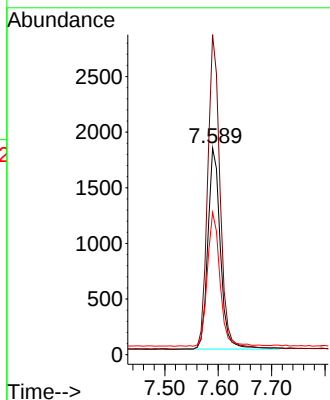
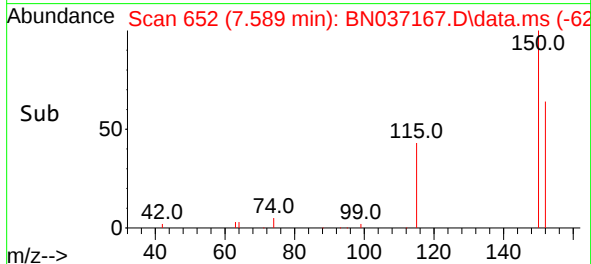


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 61
Delta R.T. -0.001 min
Lab File: BN037167.D
Acq: 04 Jun 2025 11:03

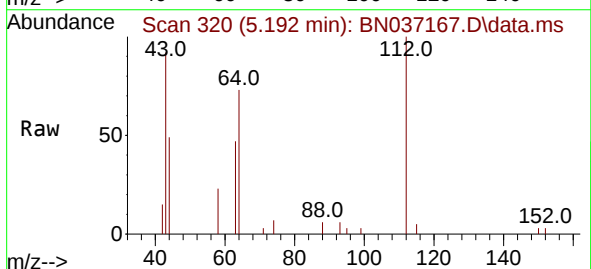
Instrument :
BNA_N
ClientSampleId :



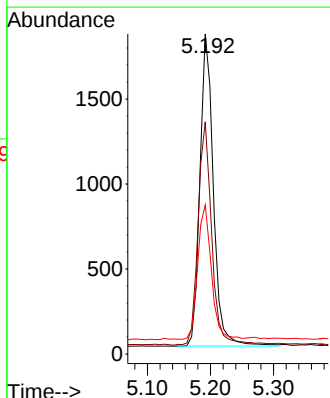
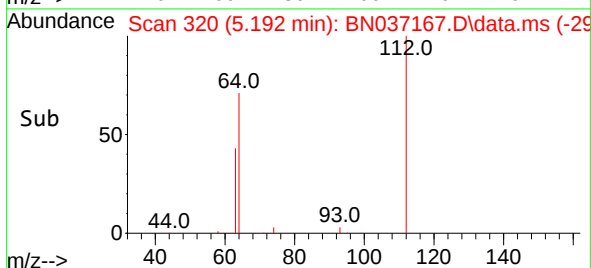
Tgt Ion:152 Resp: 2941
Ion Ratio Lower Upper
152 100
150 154.8 123.2 184.8
115 68.8 56.6 85.0

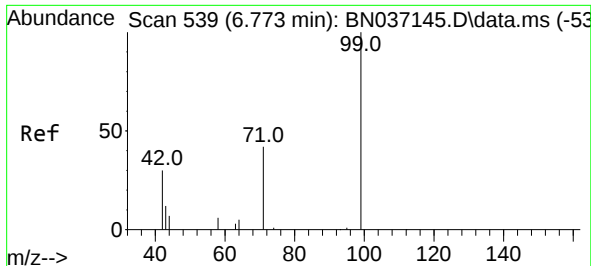


#4
2-Fluorophenol
Concen: 0.373 ng
RT: 5.192 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN037167.D
Acq: 04 Jun 2025 11:03



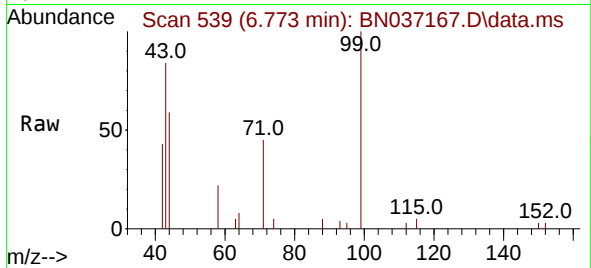
Tgt Ion:112 Resp: 2715
Ion Ratio Lower Upper
112 100
64 72.9 56.3 84.5
63 43.6 36.2 54.4



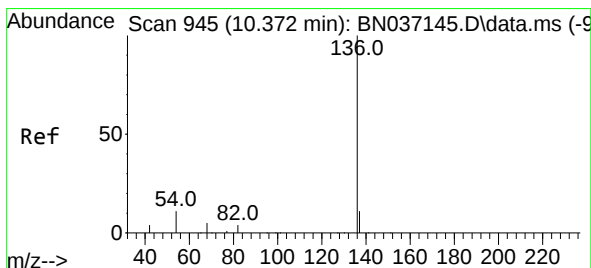
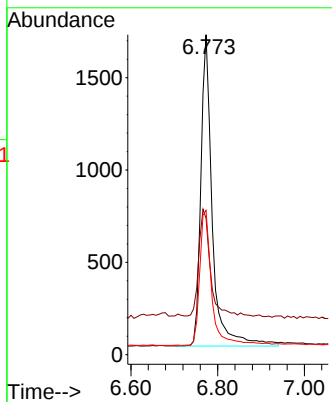
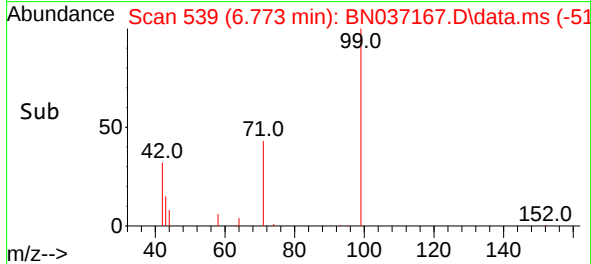


#5
Phenol-d6
Concen: 0.350 ng
RT: 6.773 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037167.D
Acq: 04 Jun 2025 11:03

Instrument :
BNA_N
ClientSampleId :

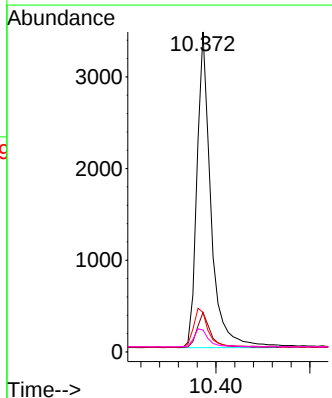
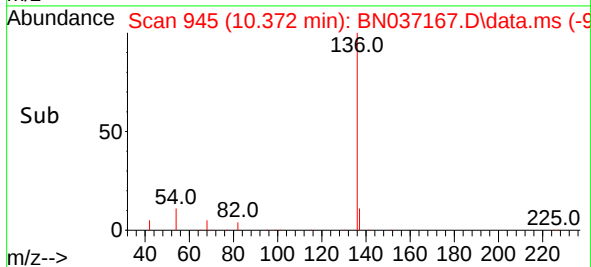
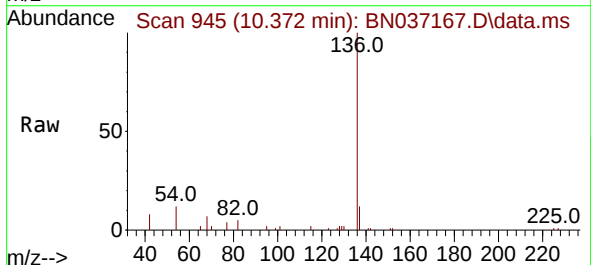


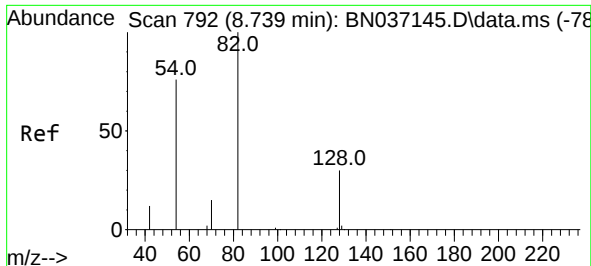
Tgt Ion:	99	Resp:	3089
Ion	Ratio	Lower	Upper
99	100		
42	35.4	31.3	46.9
71	46.0	38.2	57.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037167.D
Acq: 04 Jun 2025 11:03

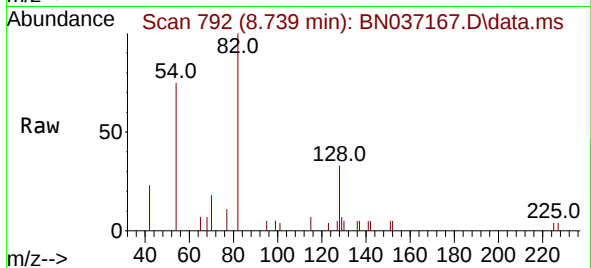
Tgt Ion:	136	Resp:	7107
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.7	14.5
54	12.3	9.7	14.5
68	6.8	5.4	8.2



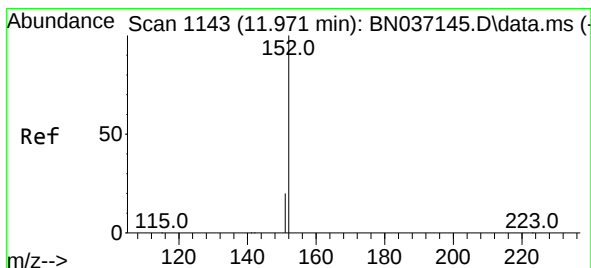
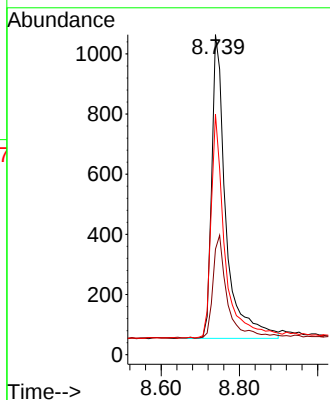
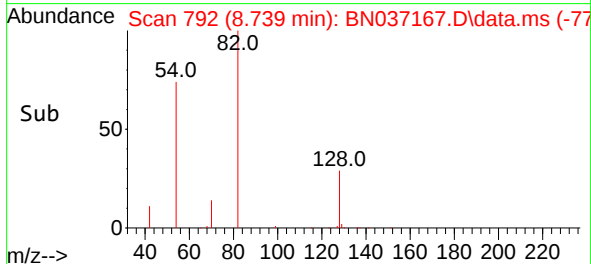


#8
Nitrobenzene-d5
Concen: 0.340 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037167.D
Acq: 04 Jun 2025 11:03

Instrument :
BNA_N
ClientSampleId :

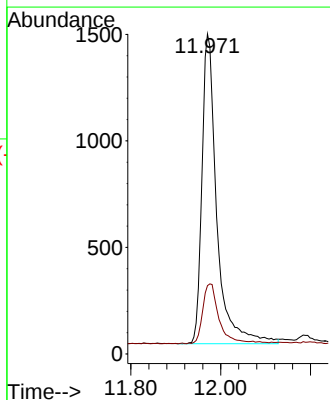
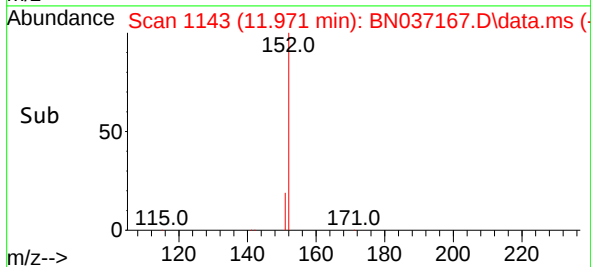
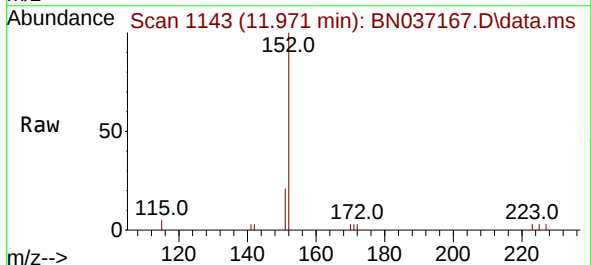


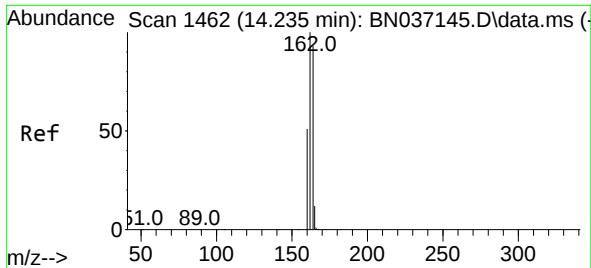
Tgt Ion: 82 Resp: 2547
Ion Ratio Lower Upper
82 100
128 33.0 26.9 40.3
54 75.1 61.4 92.2



#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 11.971 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BN037167.D
Acq: 04 Jun 2025 11:03

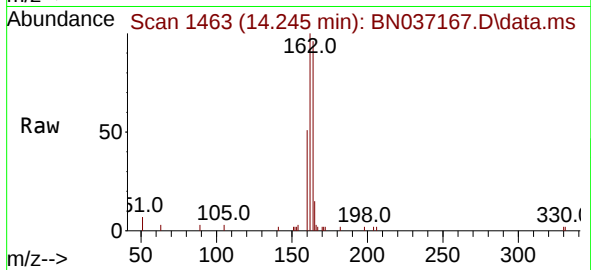
Tgt Ion: 152 Resp: 3335
Ion Ratio Lower Upper
152 100
151 20.9 17.1 25.7



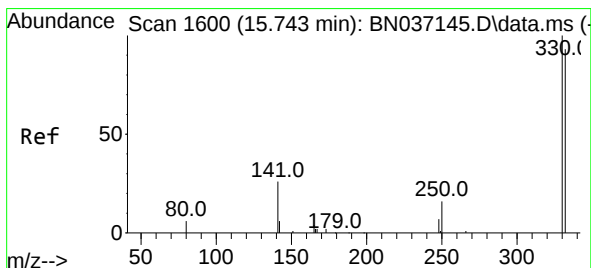
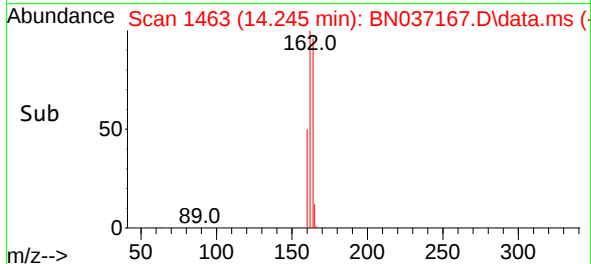
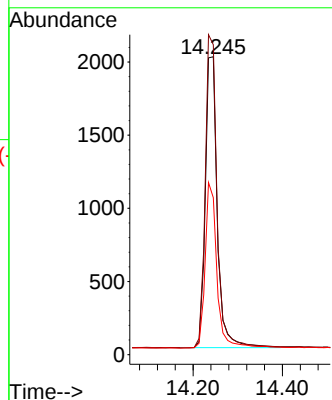


#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.245 min Scan# 1463
 Delta R.T. 0.011 min
 Lab File: BN037167.D
 Acq: 04 Jun 2025 11:03

Instrument :
 BNA_N
 ClientSampleId :

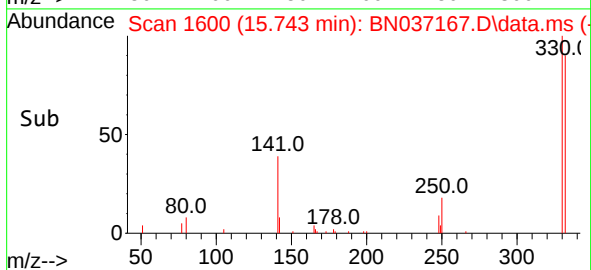
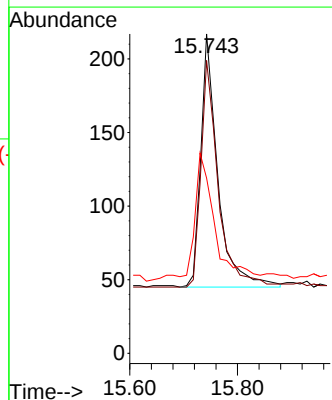
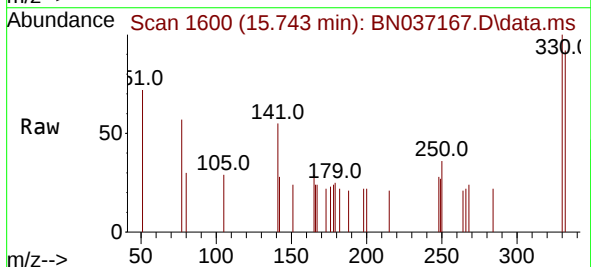


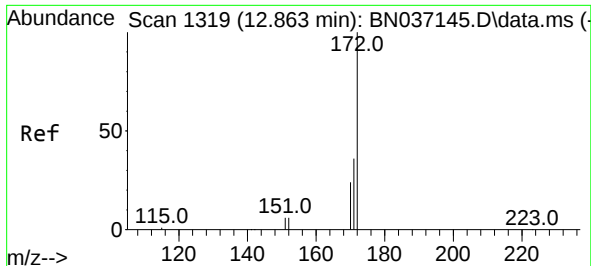
Tgt Ion:164 Resp: 3690
 Ion Ratio Lower Upper
 164 100
 162 104.0 85.5 128.3
 160 52.7 44.6 67.0



#14
 2,4,6-Tribromophenol
 Concen: 0.254 ng
 RT: 15.743 min Scan# 1600
 Delta R.T. -0.000 min
 Lab File: BN037167.D
 Acq: 04 Jun 2025 11:03

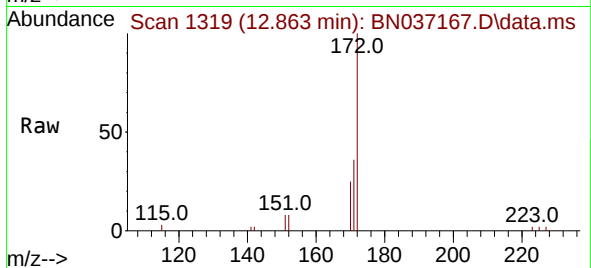
Tgt Ion:330 Resp: 378
 Ion Ratio Lower Upper
 330 100
 332 90.7 77.1 115.7
 141 61.9 46.4 69.6



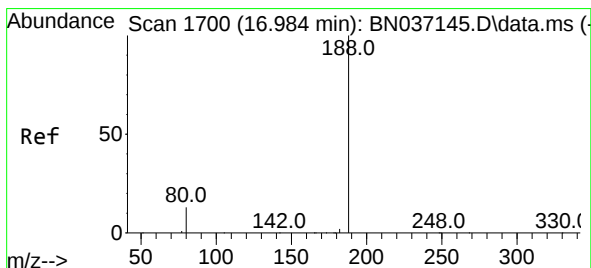
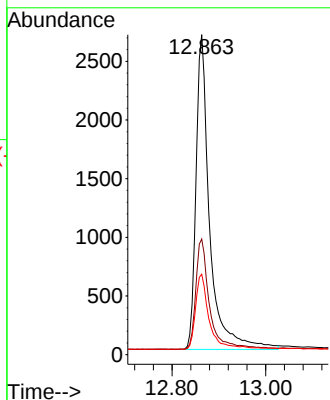
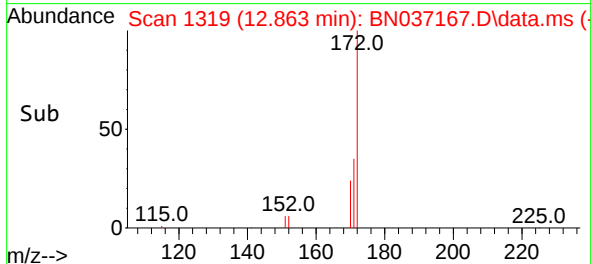


#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 12.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037167.D
Acq: 04 Jun 2025 11:03

Instrument :
BNA_N
ClientSampleId :

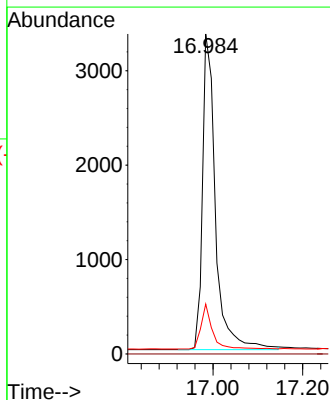
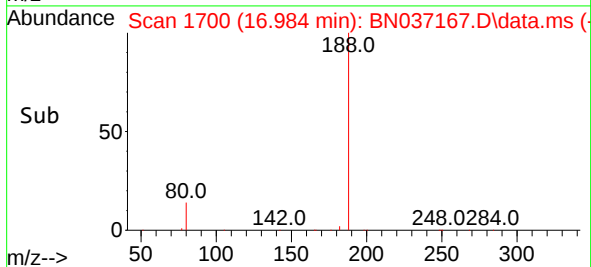
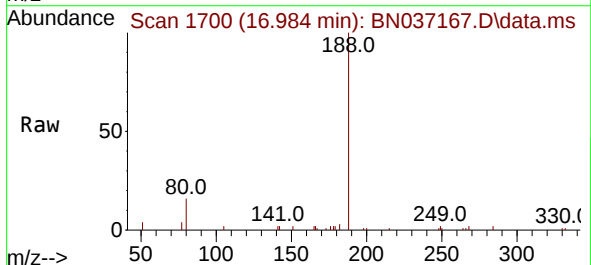


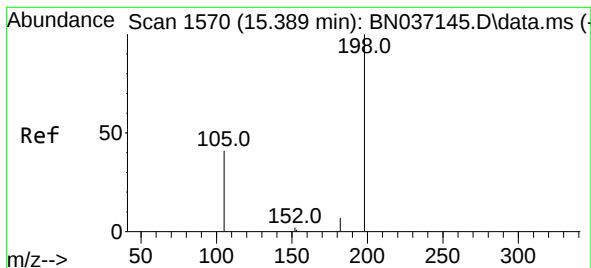
Tgt Ion:172 Resp: 5709
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 25.2 20.3 30.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BN037167.D
Acq: 04 Jun 2025 11:03

Tgt Ion:188 Resp: 6730
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.6 11.3 16.9

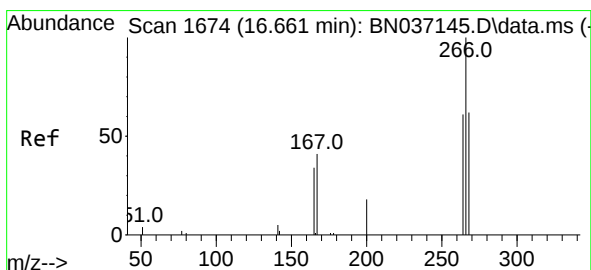
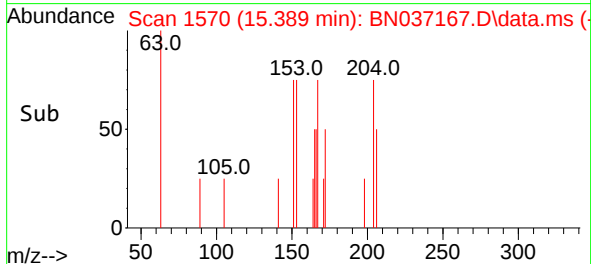
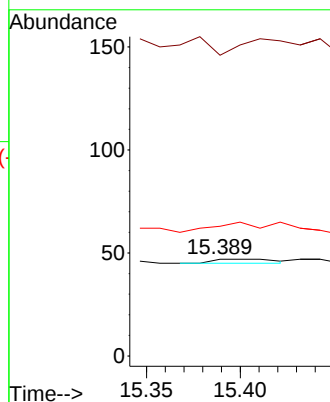
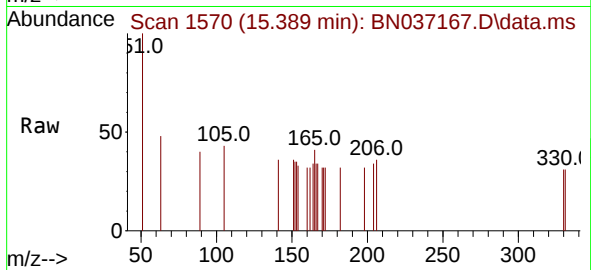




#20
4,6-Dinitro-2-methylphenol
Concen: 0.276 ng
RT: 15.389 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037167.D
Acq: 04 Jun 2025 11:03

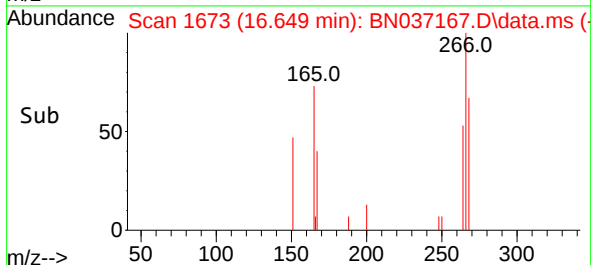
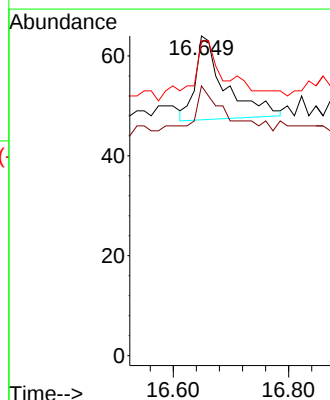
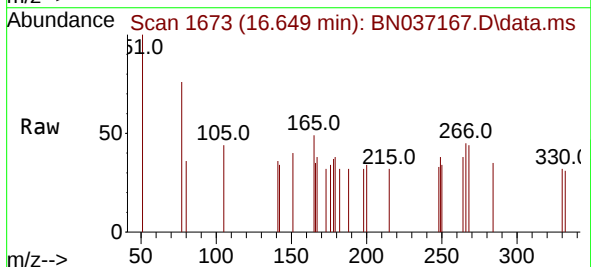
Instrument :
BNA_N
ClientSampleId :

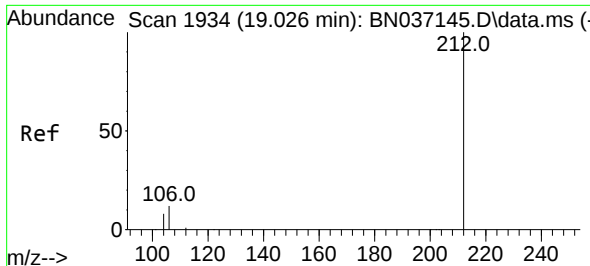
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 310.6 125.2 187.8#
105 134.0 57.1 85.7#



#24
Pentachlorophenol
Concen: 0.236 ng
RT: 16.649 min Scan# 1673
Delta R.T. -0.012 min
Lab File: BN037167.D
Acq: 04 Jun 2025 11:03

Tgt Ion:266 Resp: 60
Ion Ratio Lower Upper
266 100
264 53.3 49.3 73.9
268 90.0 49.0 73.4#

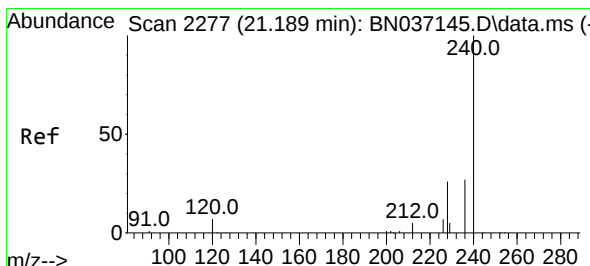
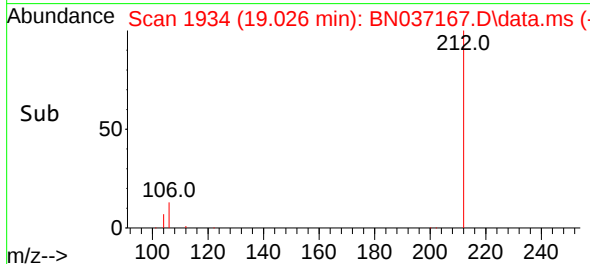
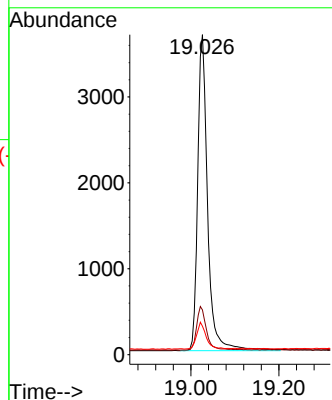
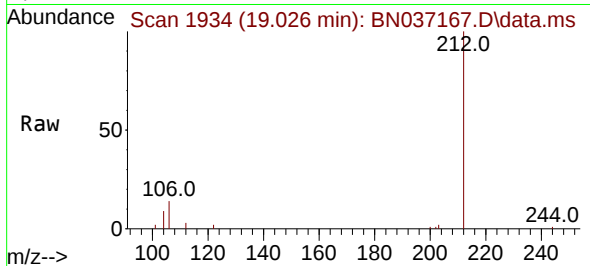




#27
Fluoranthene-d10
Concen: 0.335 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037167.D
Acq: 04 Jun 2025 11:03

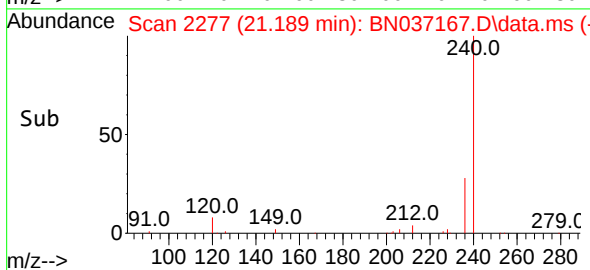
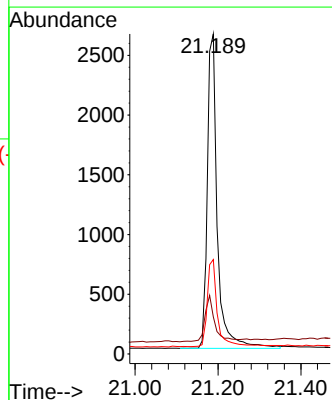
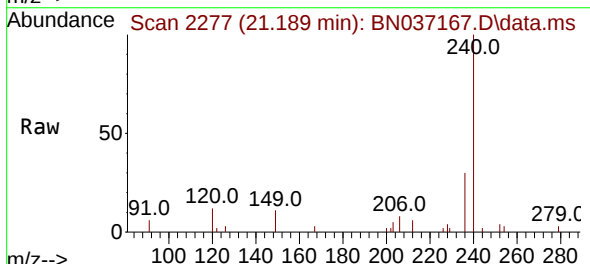
Instrument :
BNA_N
ClientSampleId :

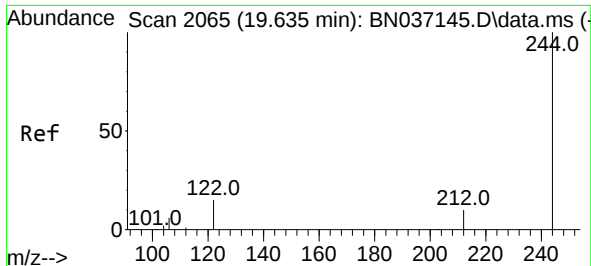
Tgt Ion:212 Resp: 5729
Ion Ratio Lower Upper
212 100
106 13.7 10.6 15.8
104 8.1 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BN037167.D
Acq: 04 Jun 2025 11:03

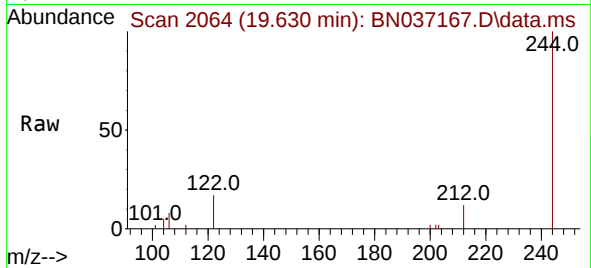
Tgt Ion:240 Resp: 4435
Ion Ratio Lower Upper
240 100
120 11.6 9.0 13.4
236 29.5 23.0 34.4



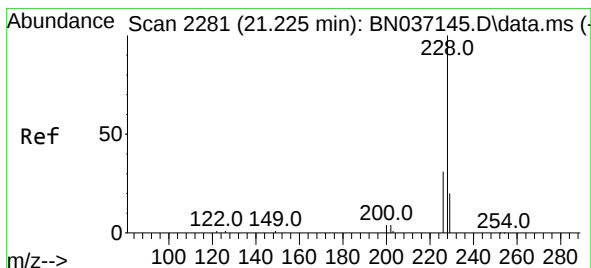
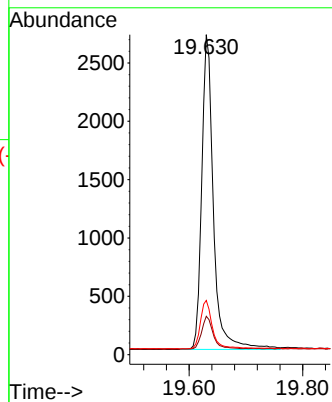
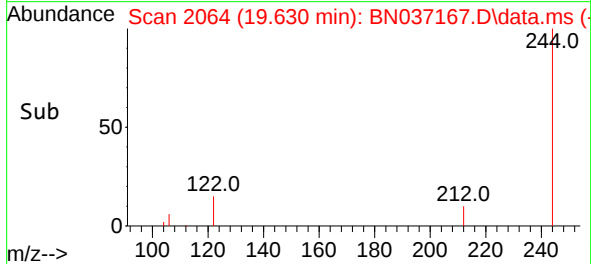


#31
 Terphenyl-d14
 Concen: 0.370 ng
 RT: 19.630 min Scan# 2064
 Delta R.T. -0.005 min
 Lab File: BN037167.D
 Acq: 04 Jun 2025 11:03

Instrument :
 BNA_N
 ClientSampleId :

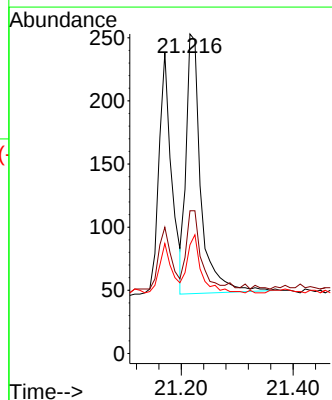
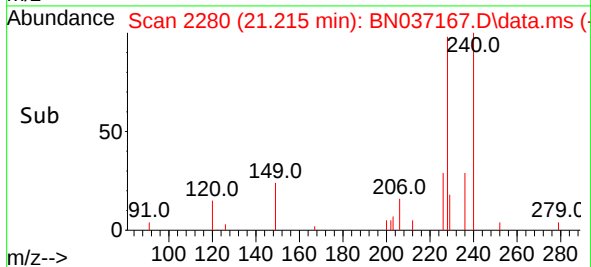
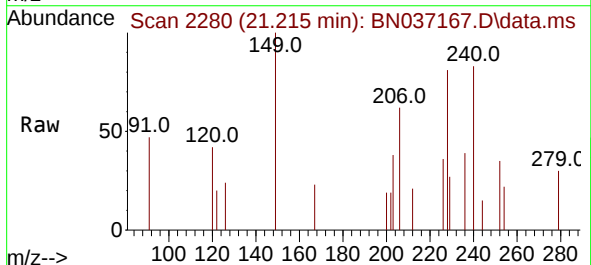


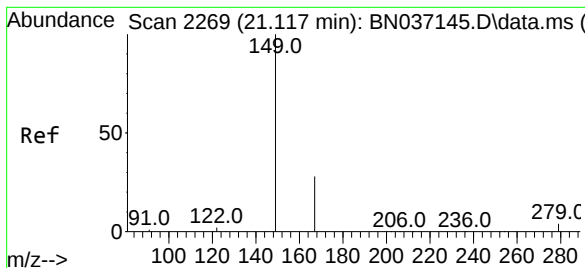
Tgt Ion:244 Resp: 3861
 Ion Ratio Lower Upper
 244 100
 212 12.0 10.0 15.0
 122 17.0 13.2 19.8



#33
 Chrysene
 Concen: 0.021 ng
 RT: 21.215 min Scan# 2280
 Delta R.T. -0.009 min
 Lab File: BN037167.D
 Acq: 04 Jun 2025 11:03

Tgt Ion:228 Resp: 376
 Ion Ratio Lower Upper
 228 100
 226 44.7 25.2 37.8#
 229 34.0 16.8 25.2#

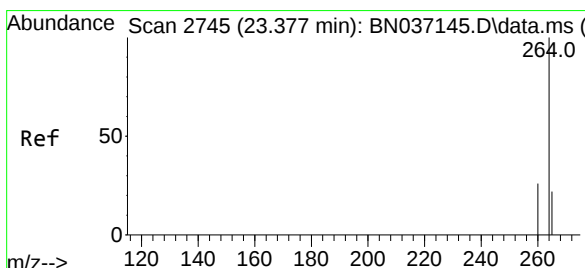
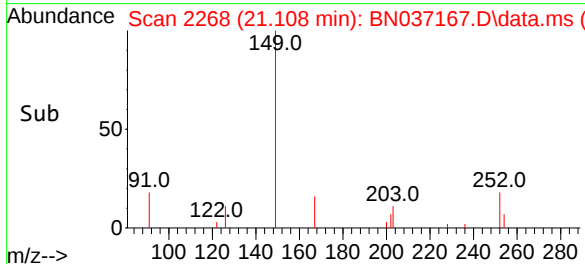
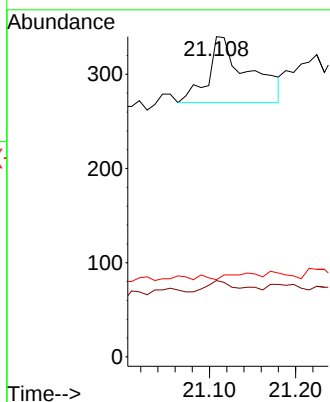
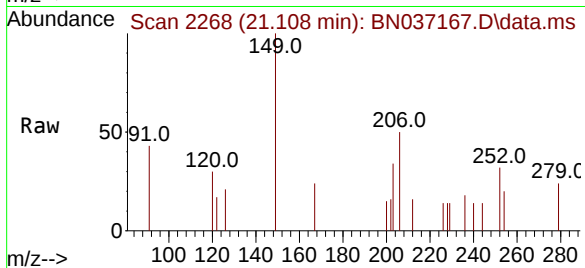




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.022 ng
 RT: 21.108 min Scan# 21108
 Delta R.T. -0.009 min
 Lab File: BN037167.D
 Acq: 04 Jun 2025 11:03

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 227
 Ion Ratio Lower Upper
 149 100
 167 12.3 21.0 31.4#
 279 1.8 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.374 min Scan# 2744
 Delta R.T. -0.003 min
 Lab File: BN037167.D
 Acq: 04 Jun 2025 11:03

Tgt Ion:264 Resp: 4132
 Ion Ratio Lower Upper
 264 100
 260 27.3 22.1 33.1
 265 64.2 55.8 83.8

