

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 :
 PB168238BL

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

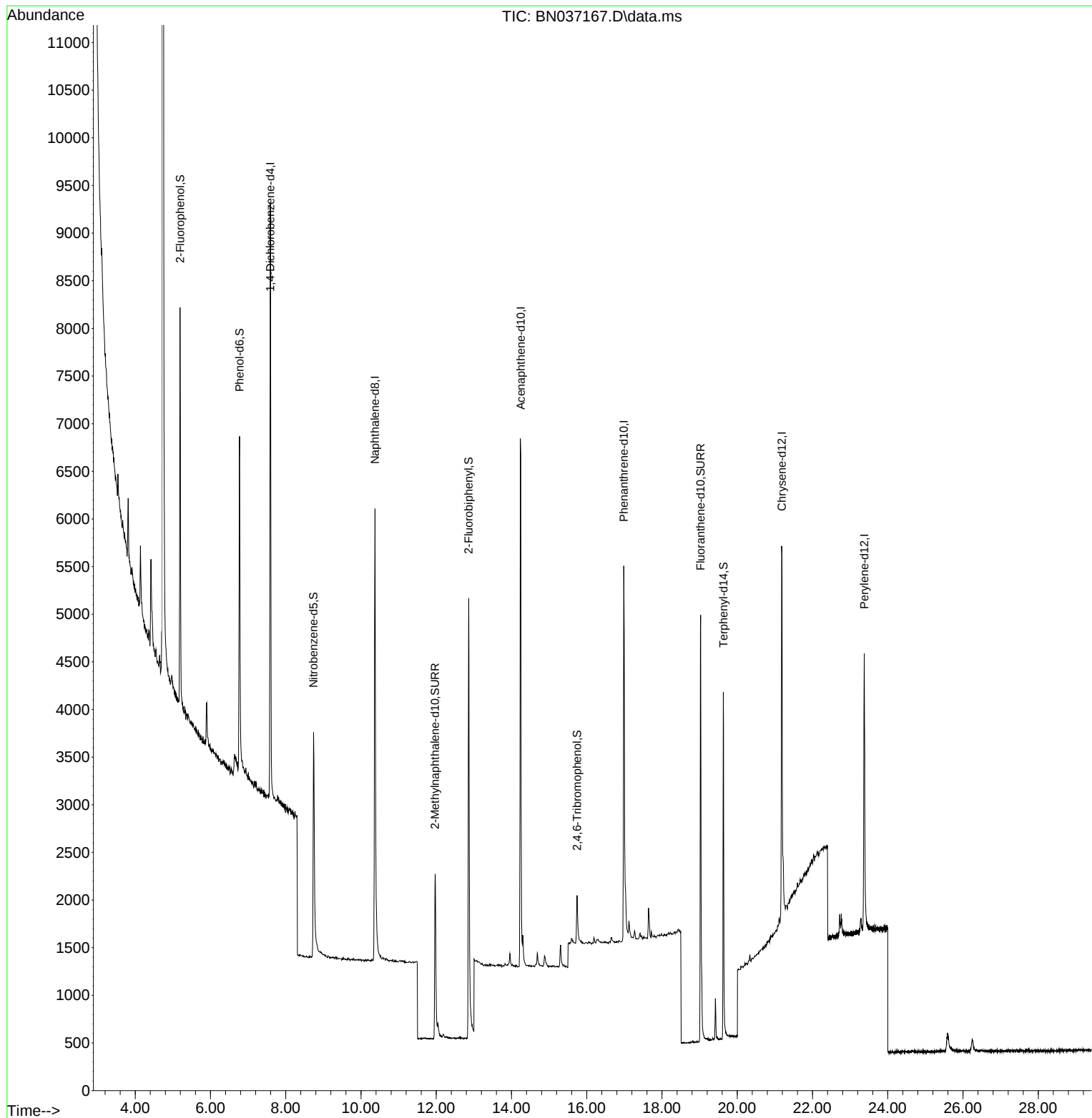
Target Compounds	Qvalue

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

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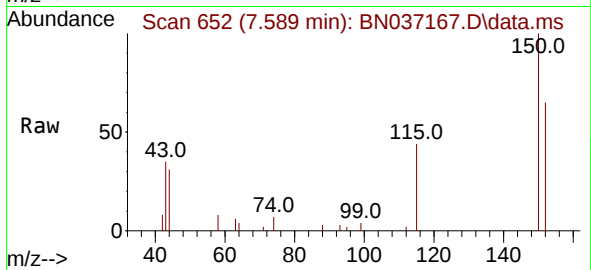
Quant Time: Jun 04 12:25:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
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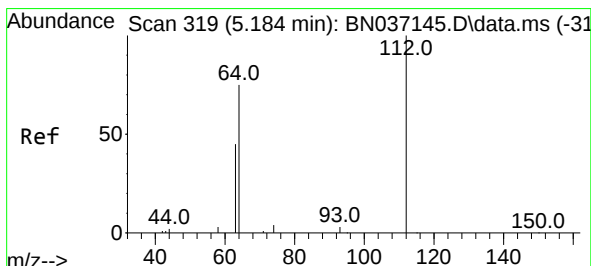
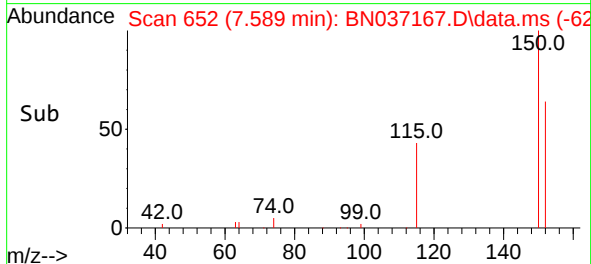
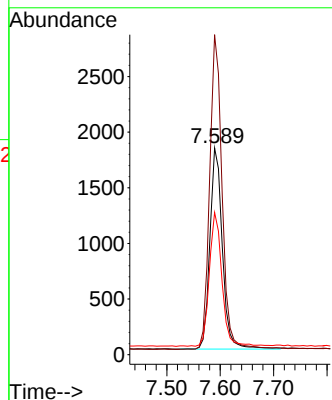
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN037167.D
 Acq: 04 Jun 2025 11:03

Instrument :
 BNA_N
 ClientSampleId :
 PB168238BL



Tgt Ion:152 Resp: 2941

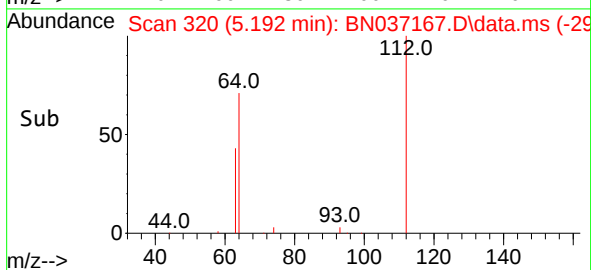
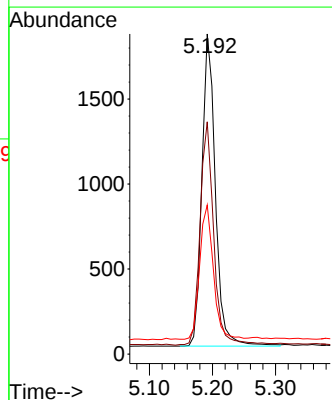
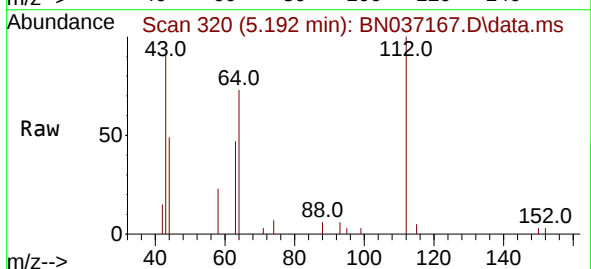
Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.2	184.8
115	68.8	56.6	85.0

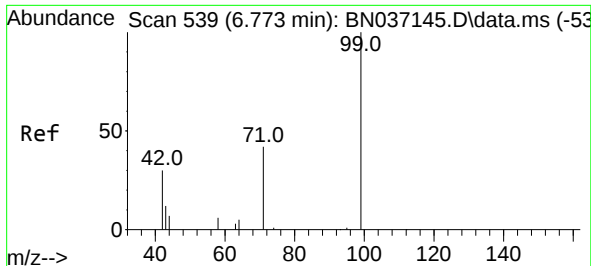


#4
 2-Fluorophenol
 Concen: 0.373 ng
 RT: 5.192 min Scan# 320
 Delta R.T. 0.007 min
 Lab File: BN037167.D
 Acq: 04 Jun 2025 11:03

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

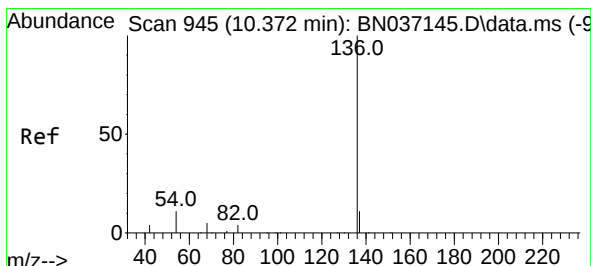
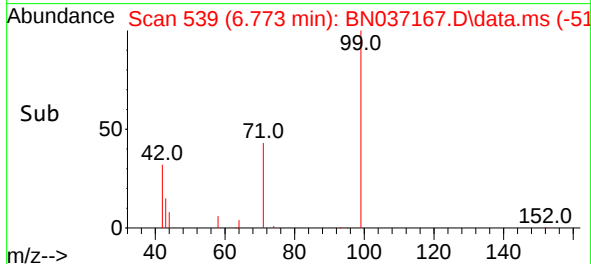
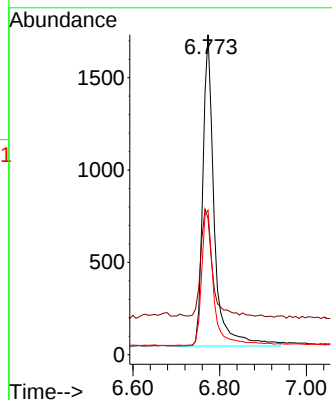
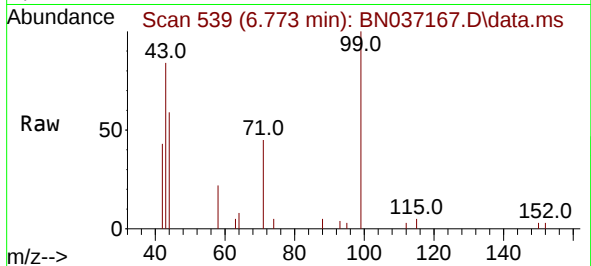




#5
Phenol-d6
Concen: 0.350 ng
RT: 6.773 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN037167.D
Acq: 04 Jun 2025 11:03

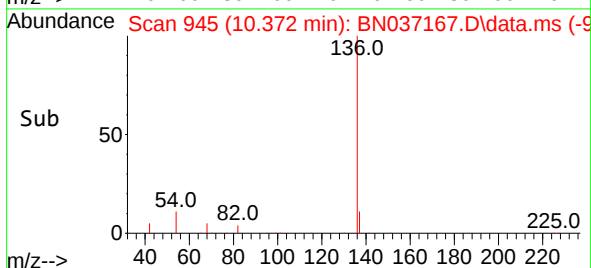
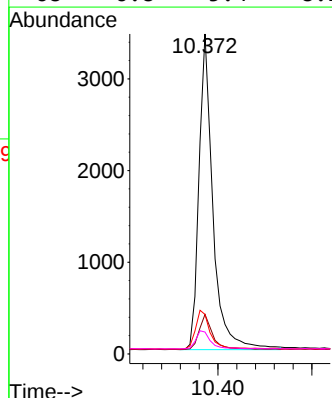
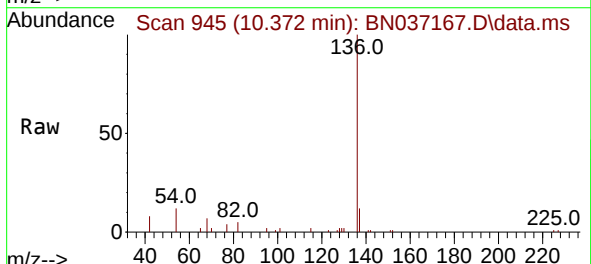
Instrument :
BNA_N
ClientSampleId :
PB168238BL

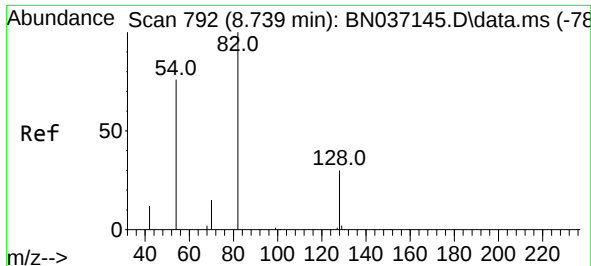
Tgt Ion:	99	Resp:	3089
Ion	Ratio	Lower	Upper
99	100		
42	35.4	31.3	46.9
71	46.0	38.2	57.2



#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

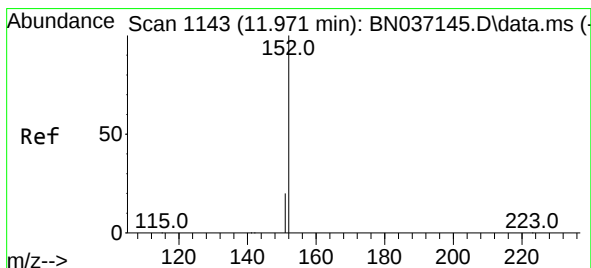
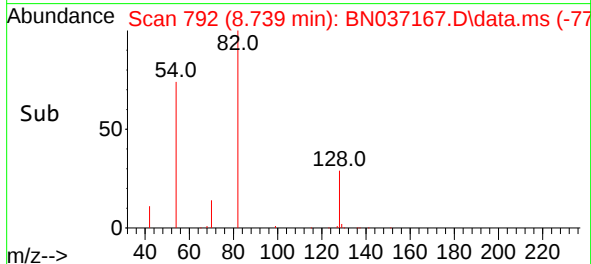
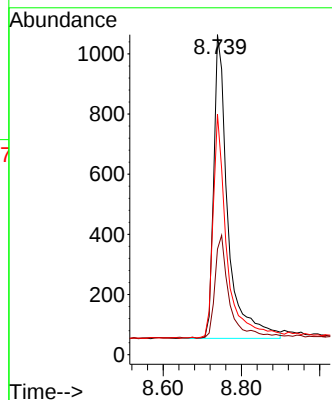
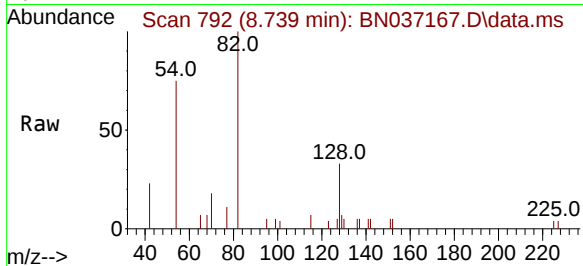




#8
 Nitrobenzene-d5
 Concen: 0.340 ng
 RT: 8.739 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: BN037167.D
 Acq: 04 Jun 2025 11:03

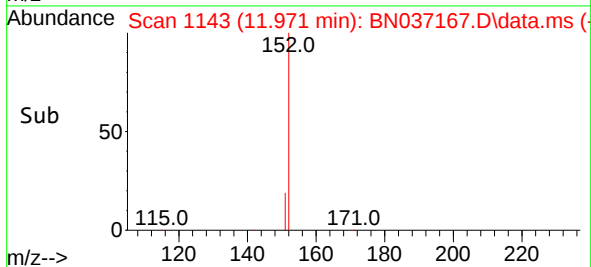
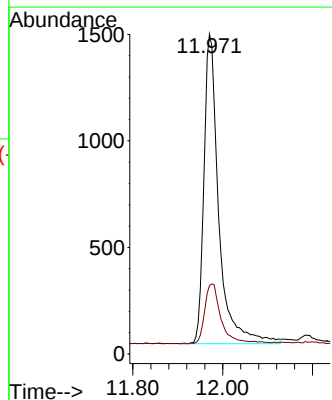
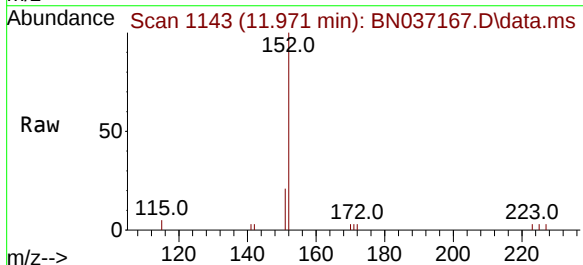
Instrument :
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 PB168238BL

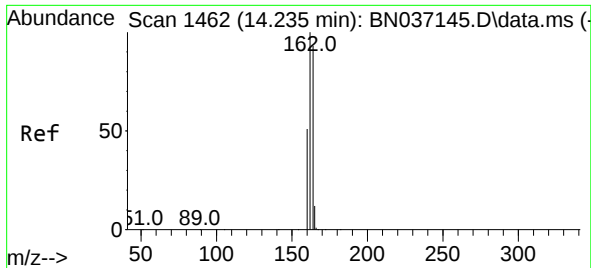
Tgt Ion: 82 Resp: 2547
 Ion Ratio Lower Upper
 82 100
 128 33.0 26.9 40.3
 54 75.1 61.4 92.2



#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

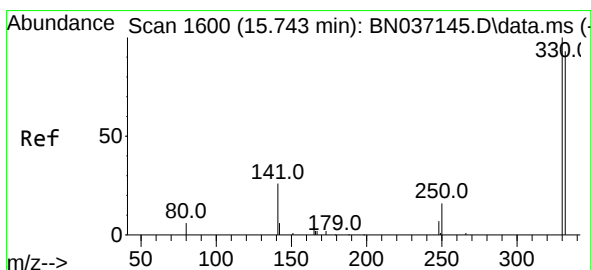
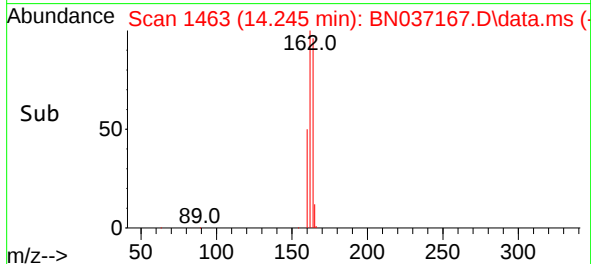
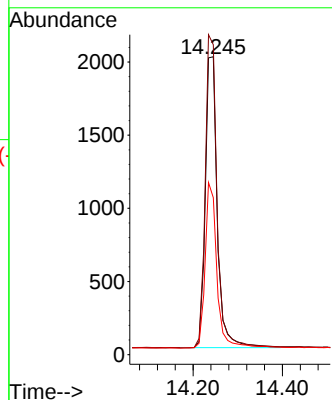
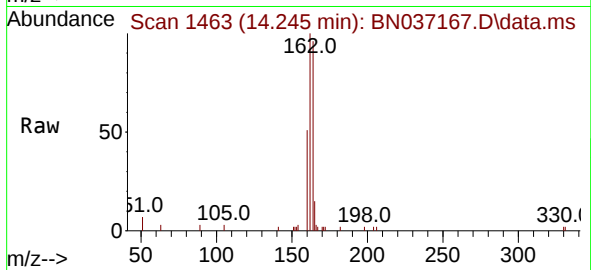




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.245 min Scan# 1463
 Delta R.T. 0.011 min
 Lab File: BN037167.D
 Acq: 04 Jun 2025 11:03

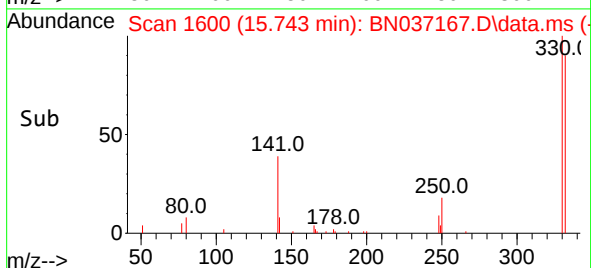
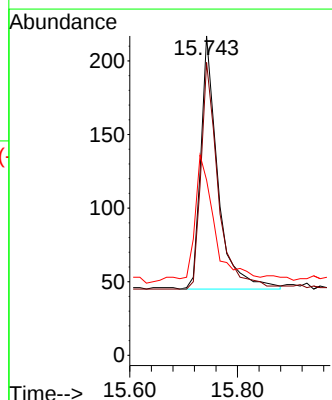
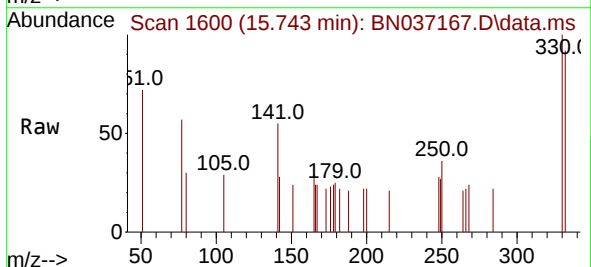
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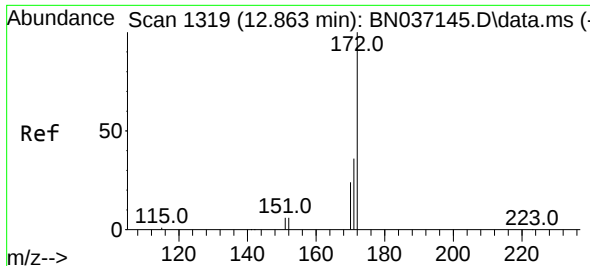
Tgt Ion:164 Resp: 3690
 Ion Ratio Lower Upper
 164 100
 162 104.0 85.5 128.3
 160 52.7 44.6 67.0



#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

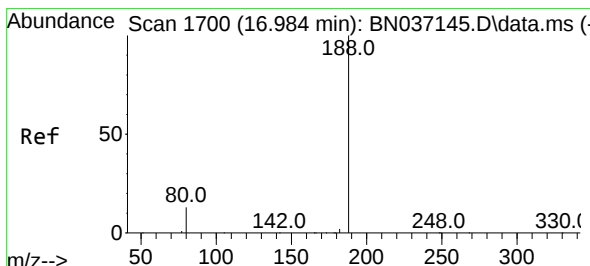
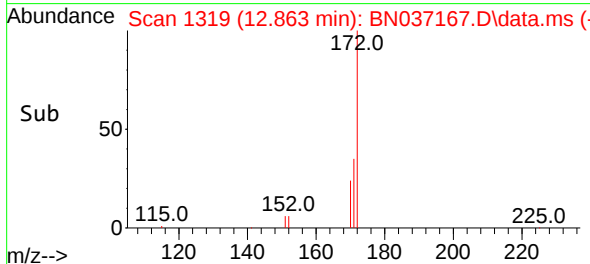
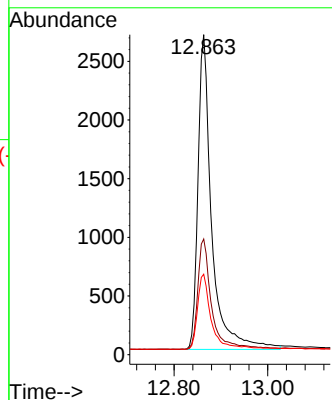
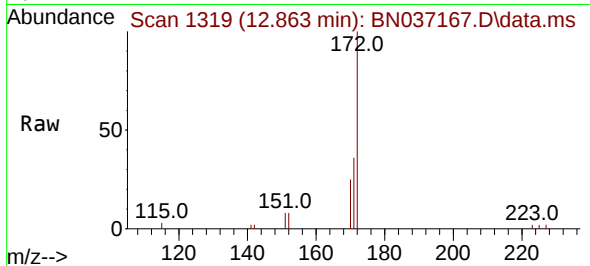




#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 12.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037167.D
Acq: 04 Jun 2025 11:03

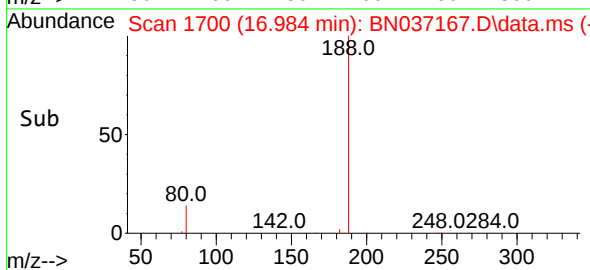
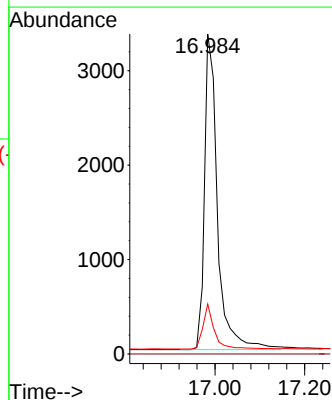
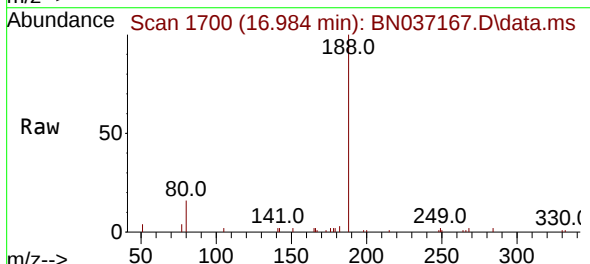
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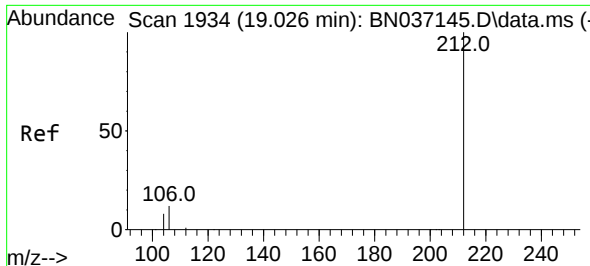
Tgt Ion:	172	Resp:	5709
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	25.2	20.3	30.5



#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

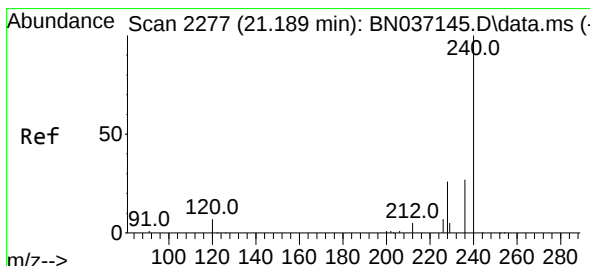
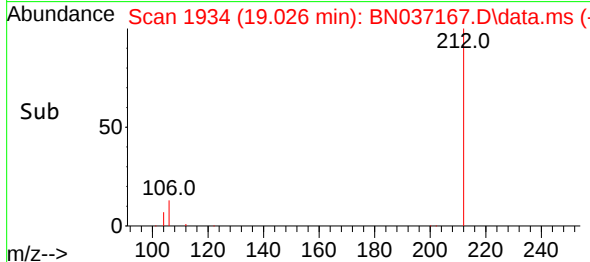
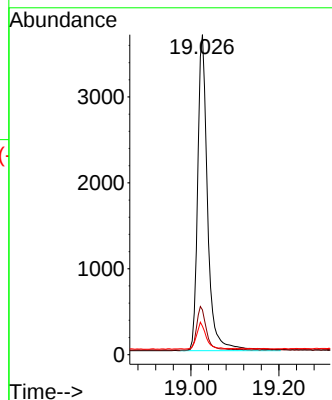
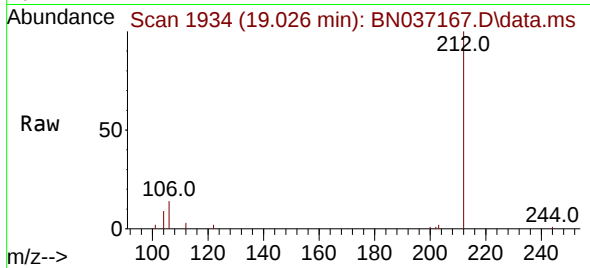




#27
Fluoranthene-d10
Concen: 0.335 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037167.D
Acq: 04 Jun 2025 11:03

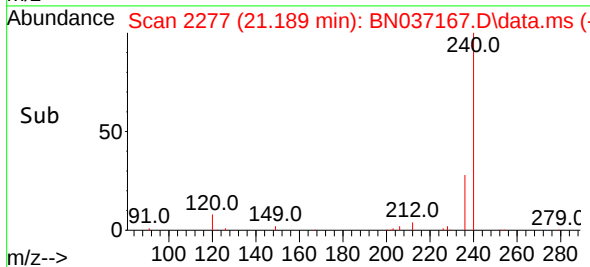
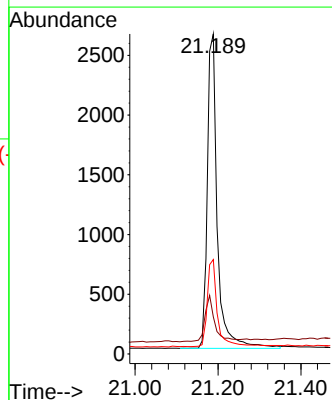
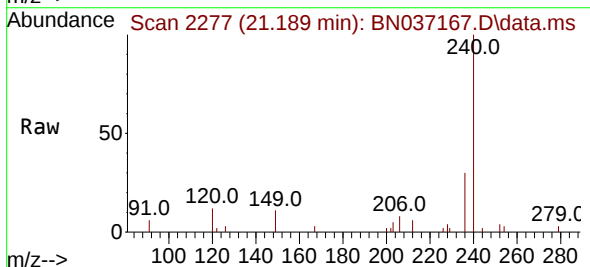
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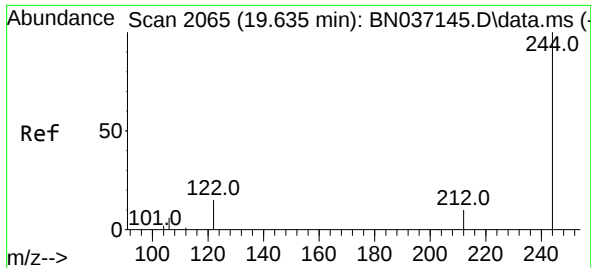
Tgt Ion:212 Resp: 5729
Ion Ratio Lower Upper
212 100
106 13.7 10.6 15.8
104 8.1 6.6 9.8



#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

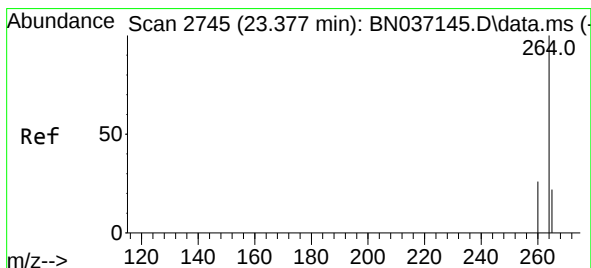
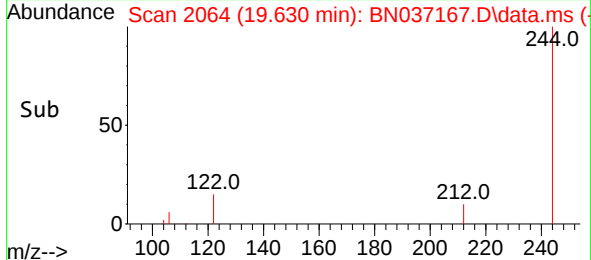
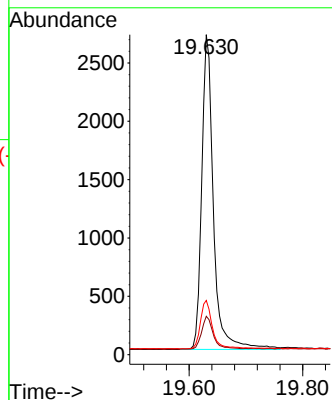
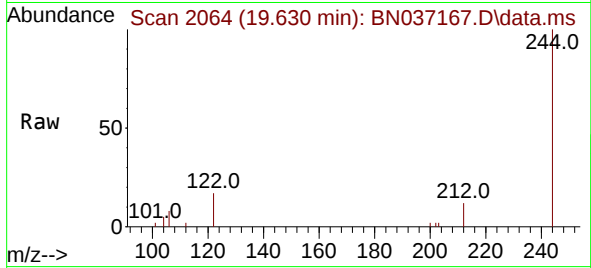




#31
 Terphenyl-d14
 Concen: 0.370 ng
 RT: 19.630 min Scan# 2065
 Delta R.T. -0.005 min
 Lab File: BN037167.D
 Acq: 04 Jun 2025 11:03

Instrument :
 BNA_N
 ClientSampleId :
 PB168238BL

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



#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

