

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037884.D
 Acq On : 25 Sep 2025 12:07
 Operator : RC/JU
 Sample : PB169793BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169793BL

Quant Time: Sep 25 13:29:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

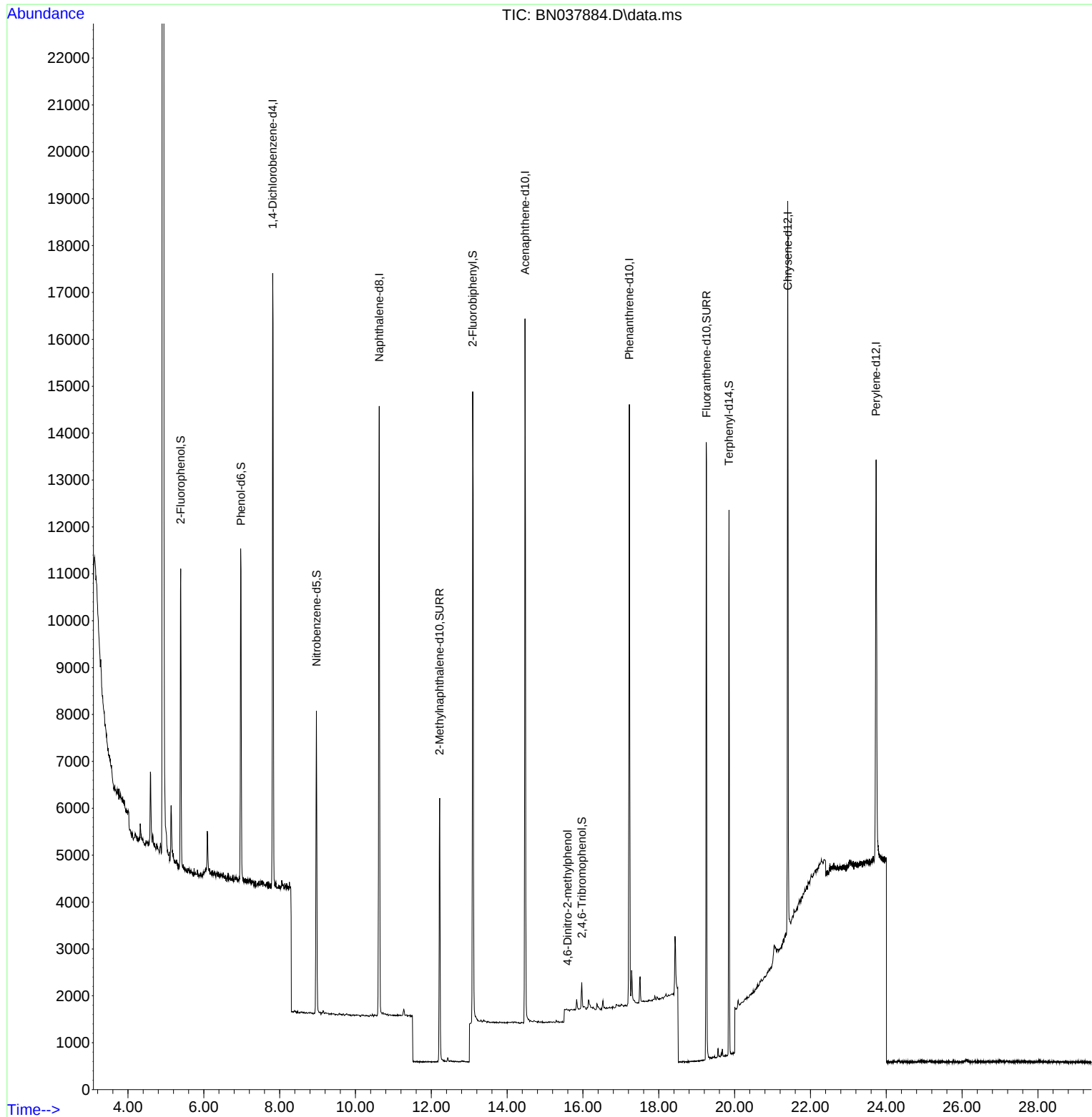
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	6424	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	17072	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	8141	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	16191	0.400	ng	0.00
29) Chrysene-d12	21.402	240	13560	0.400	ng	0.00
35) Perylene-d12	23.730	264	12617	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	5148	0.351	ng	0.00
5) Phenol-d6	6.980	99	6702	0.348	ng	0.00
8) Nitrobenzene-d5	8.971	82	5003	0.384	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	7798	0.329	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	351	0.114	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	12725	0.382	ng	0.00
27) Fluoranthene-d10	19.257	212	14437	0.354	ng	0.00
31) Terphenyl-d14	19.852	244	10842	0.401	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.597	198	1	0.068	ng	# 1

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

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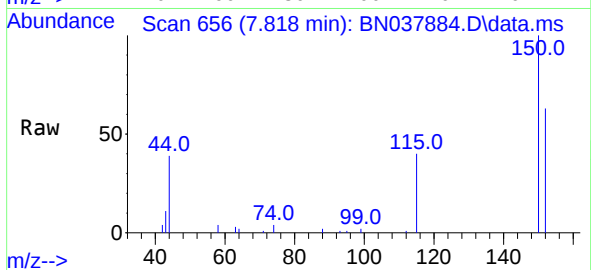
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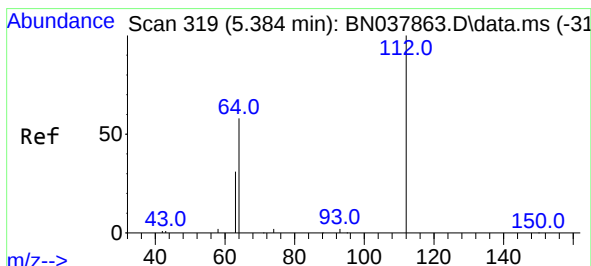
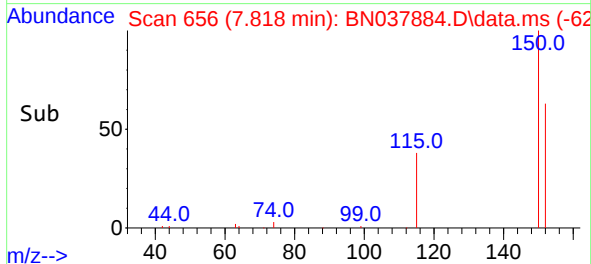
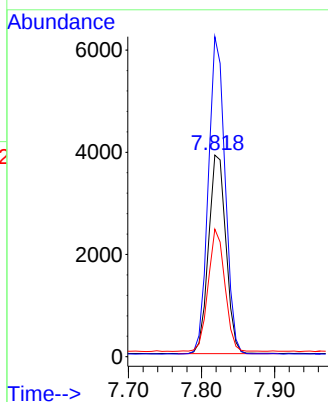


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037884.D
Acq: 25 Sep 2025 12:07

Instrument :
BNA_N
ClientSampleId :
PB169793BL

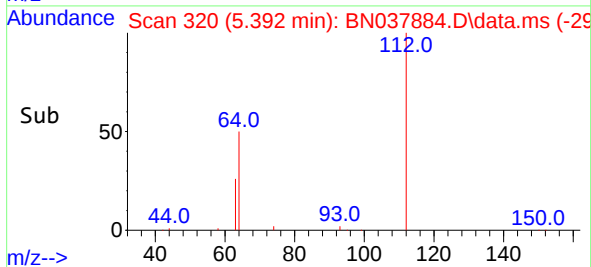
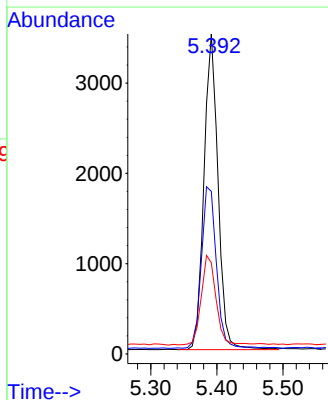
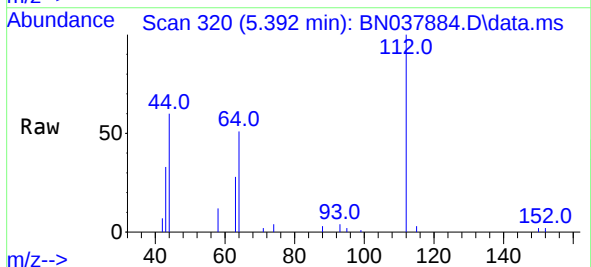


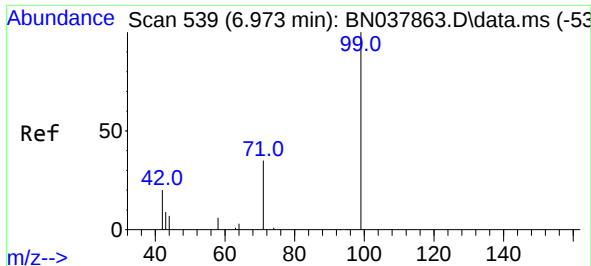
Tgt Ion:152 Resp: 6424
Ion Ratio Lower Upper
152 100
150 158.8 121.0 181.4
115 63.2 47.4 71.0



#4
2-Fluorophenol
Concen: 0.351 ng
RT: 5.392 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN037884.D
Acq: 25 Sep 2025 12:07

Tgt Ion:112 Resp: 5148
Ion Ratio Lower Upper
112 100
64 55.2 44.6 66.8
63 30.4 24.9 37.3

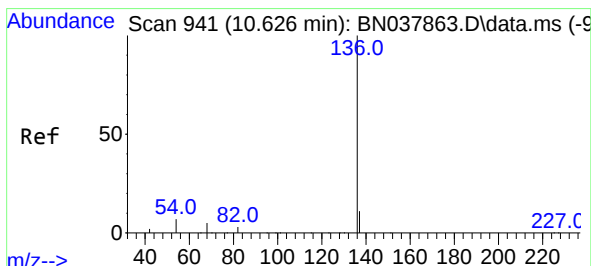
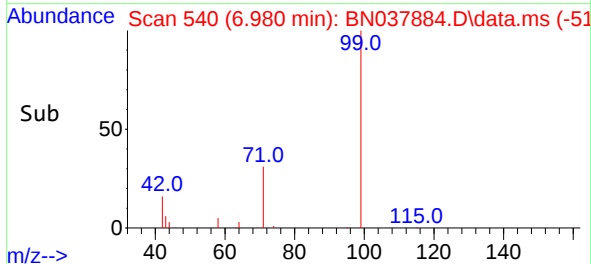
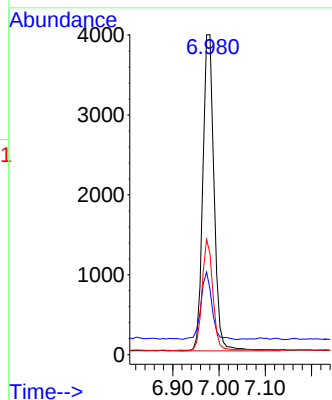
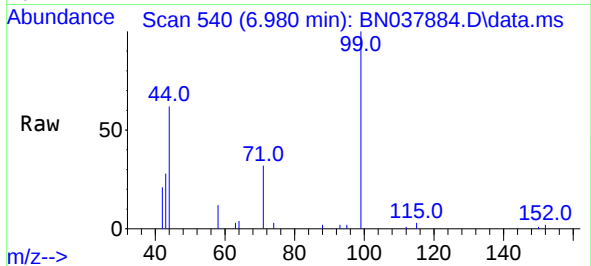




#5
Phenol-d6
Concen: 0.348 ng
RT: 6.980 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN037884.D
Acq: 25 Sep 2025 12:07

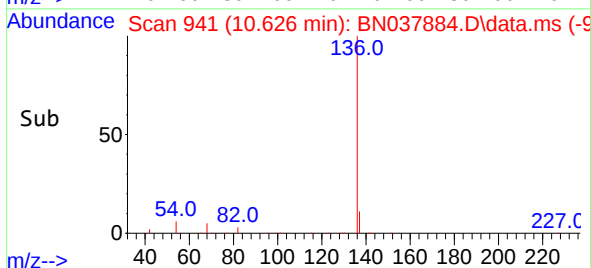
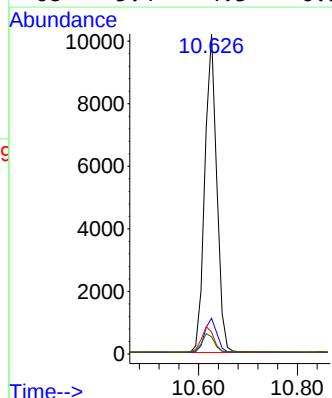
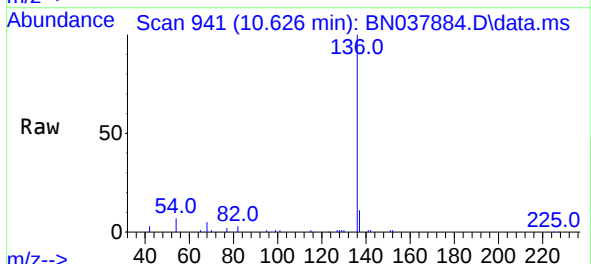
Instrument :
BNA_N
ClientSampleId :
PB169793BL

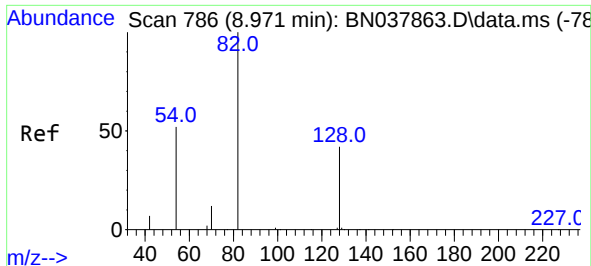
Tgt Ion: 99 Resp: 6702
Ion Ratio Lower Upper
99 100
42 20.8 17.2 25.8
71 33.2 27.3 40.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN037884.D
Acq: 25 Sep 2025 12:07

Tgt Ion: 136 Resp: 17072
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 6.8 5.8 8.8
68 5.4 4.3 6.5

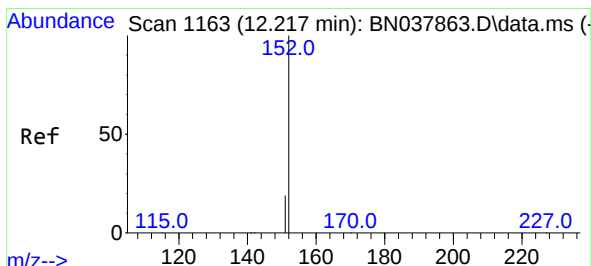
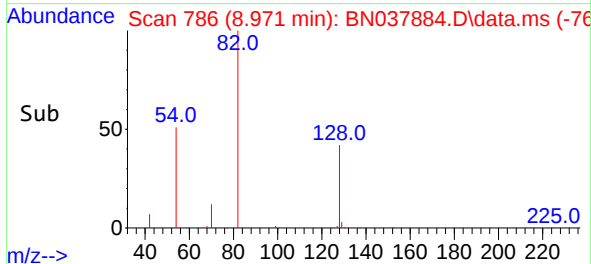
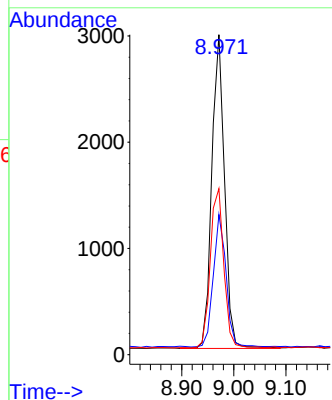
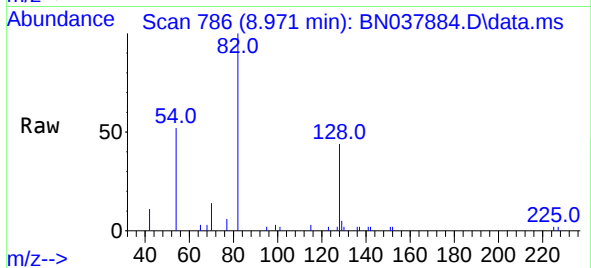




#8
Nitrobenzene-d5
Concen: 0.384 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN037884.D
Acq: 25 Sep 2025 12:07

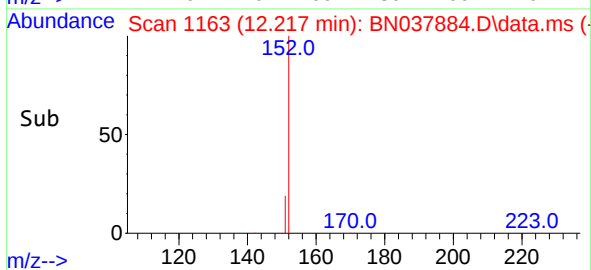
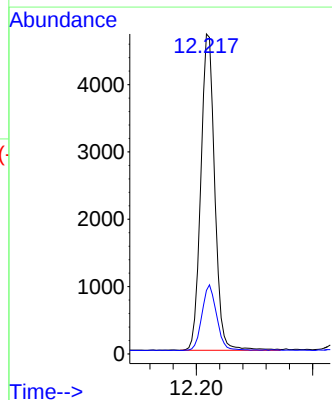
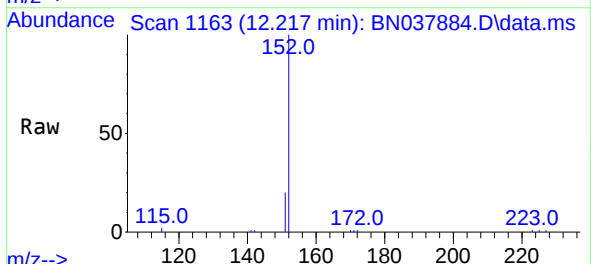
Instrument :
BNA_N
ClientSampleId :
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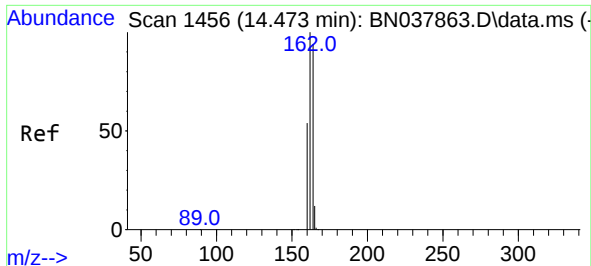
Tgt Ion:	82	Resp:	5003
Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.8	52.2
54	51.9	42.2	63.2



#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.217 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BN037884.D
Acq: 25 Sep 2025 12:07

Tgt Ion:	152	Resp:	7798
Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.4	26.2

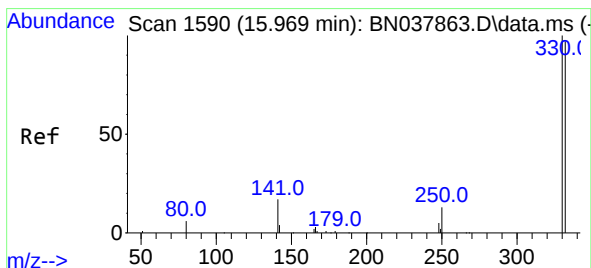
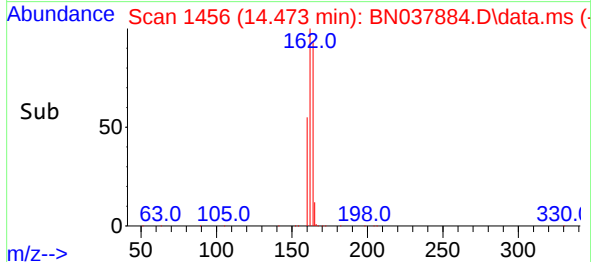
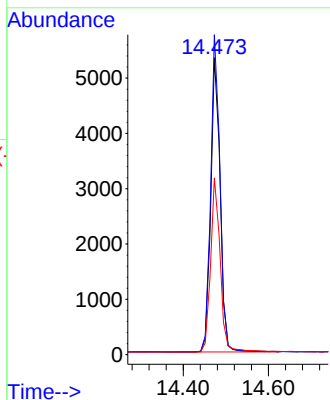
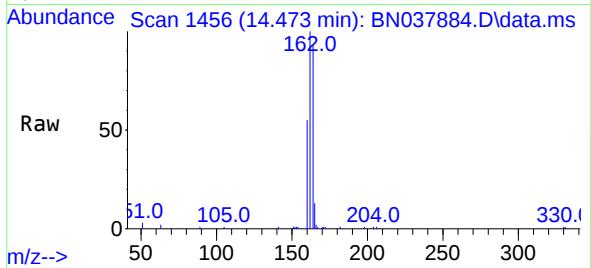




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN037884.D
Acq: 25 Sep 2025 12:07

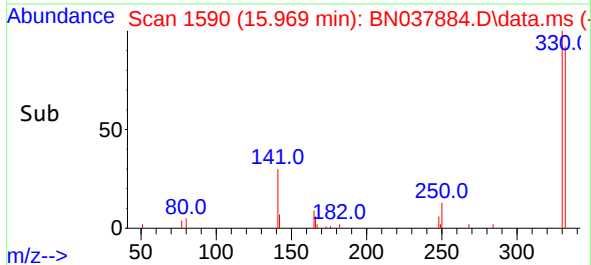
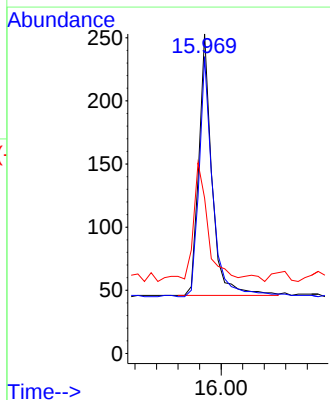
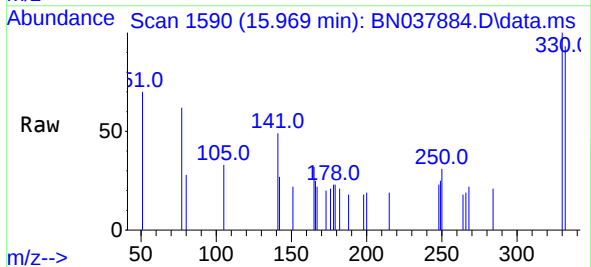
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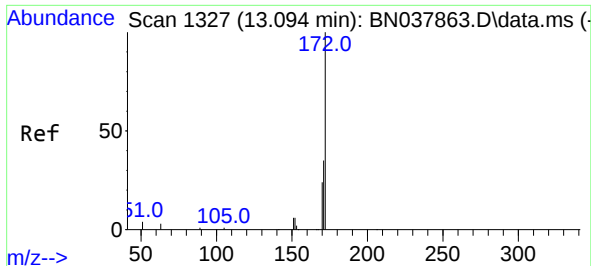
Tgt Ion:164 Resp: 8141
Ion Ratio Lower Upper
164 100
162 107.7 84.8 127.2
160 59.5 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.114 ng
RT: 15.969 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN037884.D
Acq: 25 Sep 2025 12:07

Tgt Ion:330 Resp: 351
Ion Ratio Lower Upper
330 100
332 95.7 77.2 115.8
141 52.1 37.2 55.8

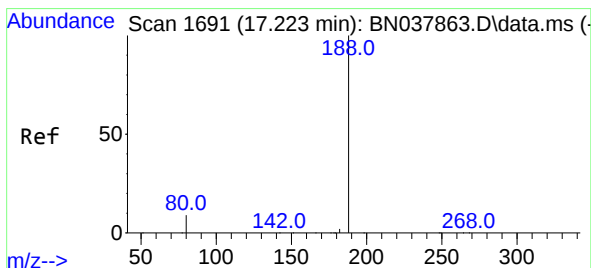
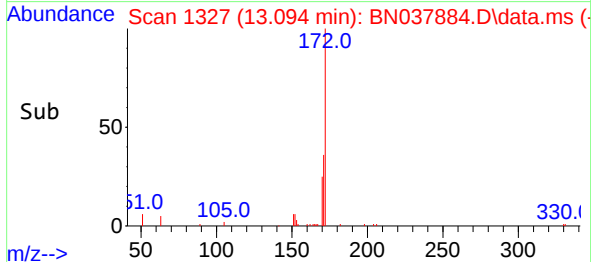
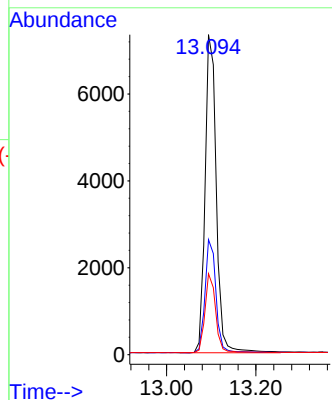
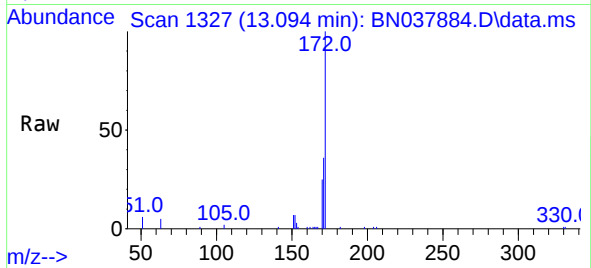




#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 13.094 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037884.D
Acq: 25 Sep 2025 12:07

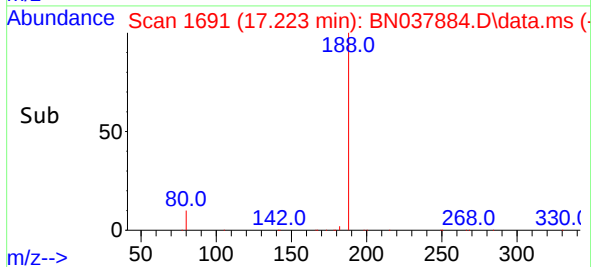
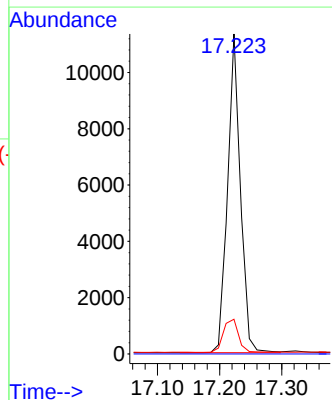
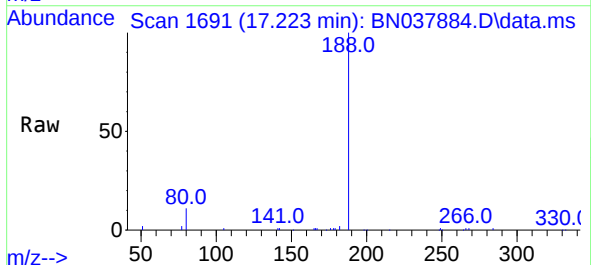
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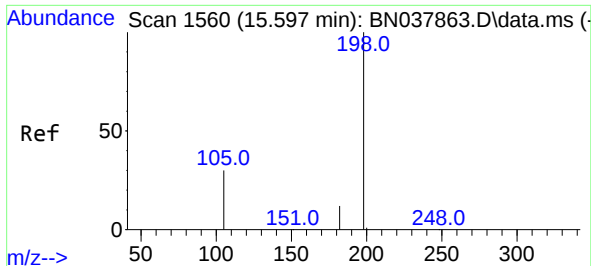
Tgt Ion:	172	Resp:	12725
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	25.3	19.7	29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037884.D
Acq: 25 Sep 2025 12:07

Tgt Ion:	188	Resp:	16191
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	7.6	11.4

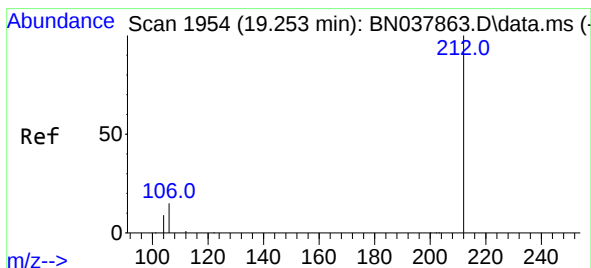
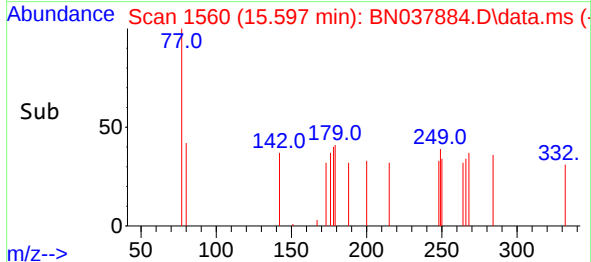
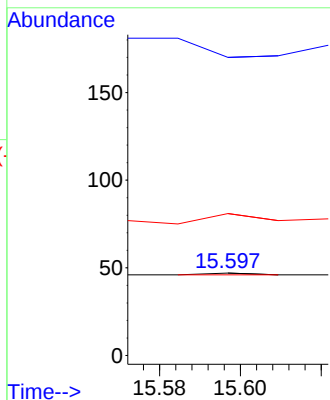
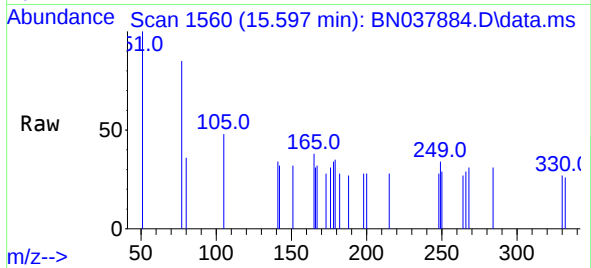




#20
4,6-Dinitro-2-methylphenol
Concen: 0.068 ng
RT: 15.597 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN037884.D
Acq: 25 Sep 2025 12:07

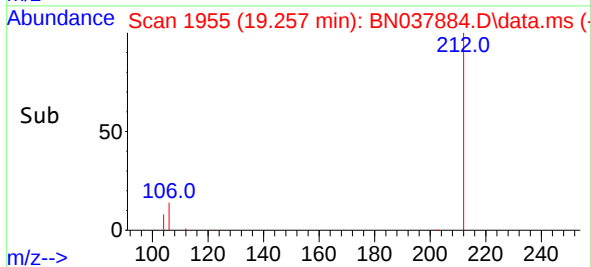
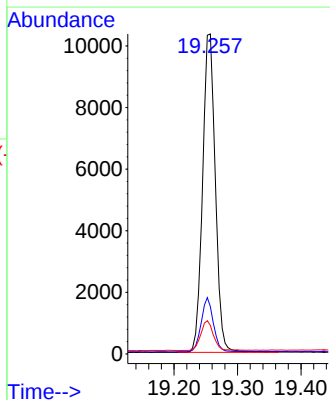
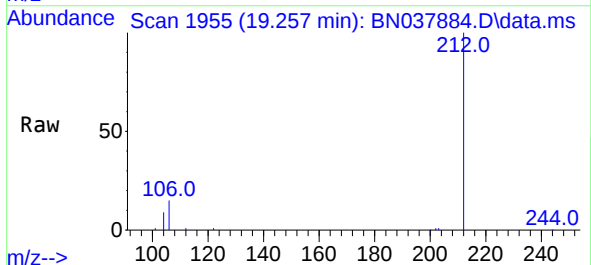
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Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 361.7 59.1 88.7#
105 172.3 41.3 61.9#



#27
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.257 min Scan# 1955
Delta R.T. 0.005 min
Lab File: BN037884.D
Acq: 25 Sep 2025 12:07

Tgt Ion:212 Resp: 14437
Ion Ratio Lower Upper
212 100
106 16.3 12.6 19.0
104 9.3 7.4 11.0

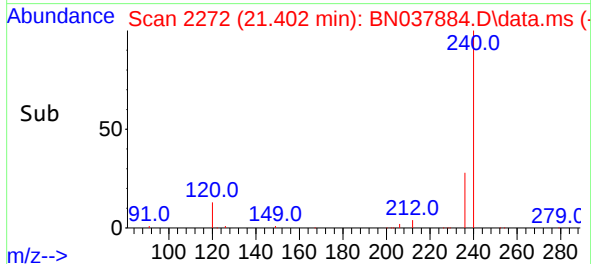
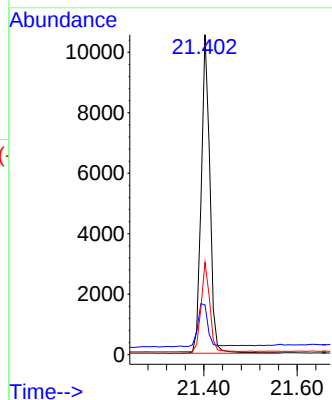
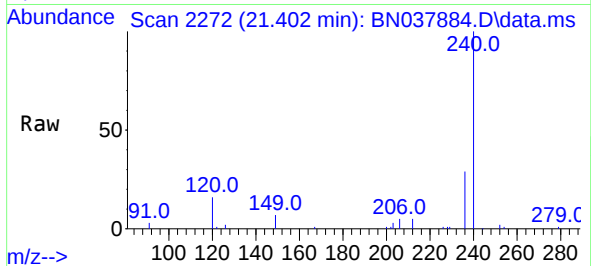




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN037884.D
Acq: 25 Sep 2025 12:07

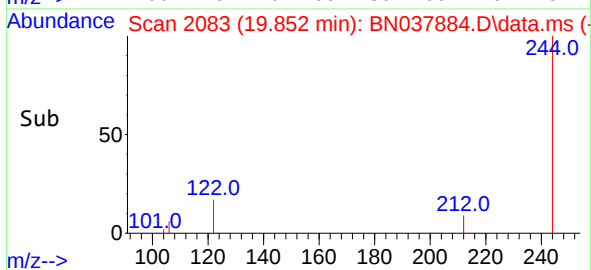
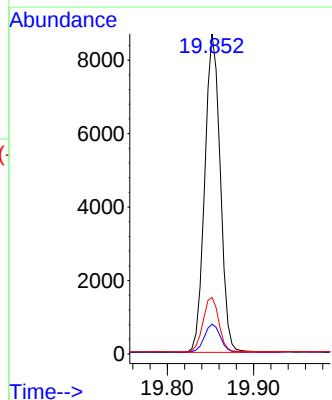
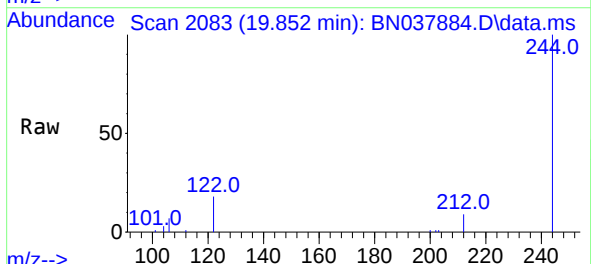
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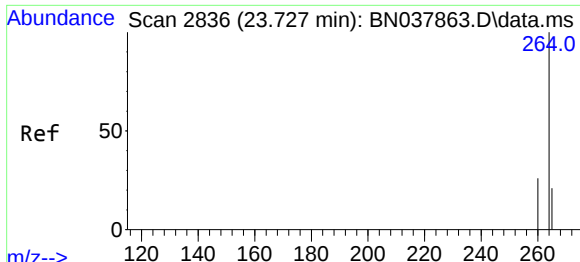
Tgt Ion:240 Resp: 13560
Ion Ratio Lower Upper
240 100
120 15.6 11.4 17.2
236 28.8 23.0 34.6



#31
Terphenyl-d14
Concen: 0.401 ng
RT: 19.852 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BN037884.D
Acq: 25 Sep 2025 12:07

Tgt Ion:244 Resp: 10842
Ion Ratio Lower Upper
244 100
212 9.3 7.6 11.4
122 17.6 13.9 20.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.730 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN037884.D
Acq: 25 Sep 2025 12:07

Instrument :
BNA_N
ClientSampleId :
PB169793BL

Tgt Ion:	264	Resp:	12617
Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.5	32.3
265	75.1	53.8	80.6

