

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

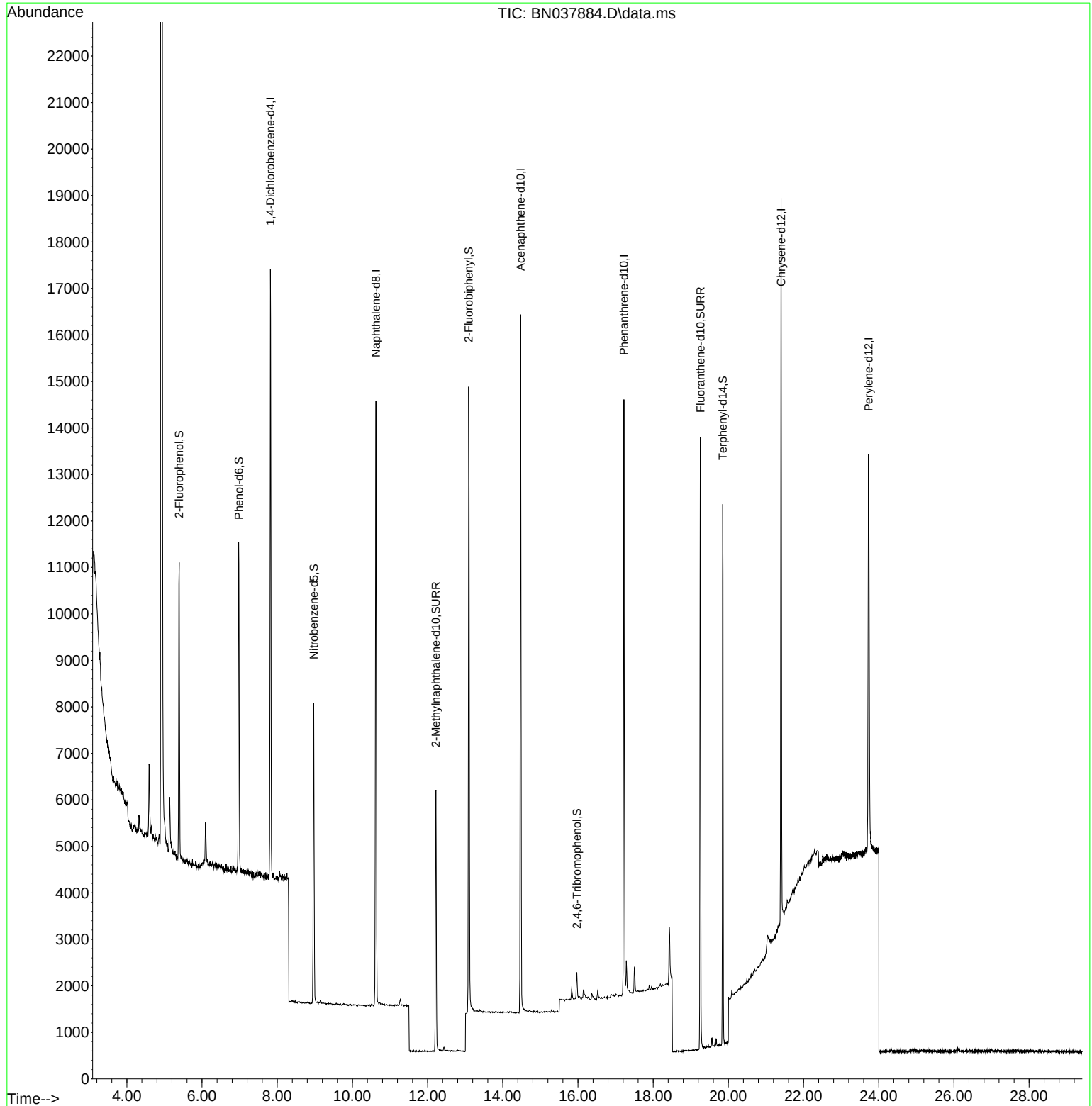
Target Compounds Qvalue

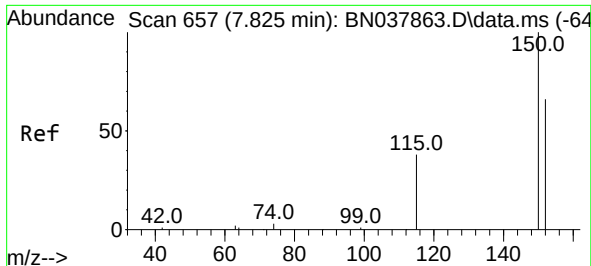
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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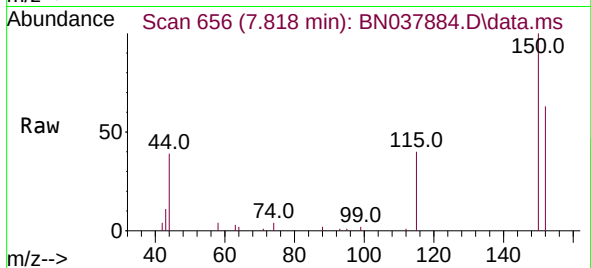
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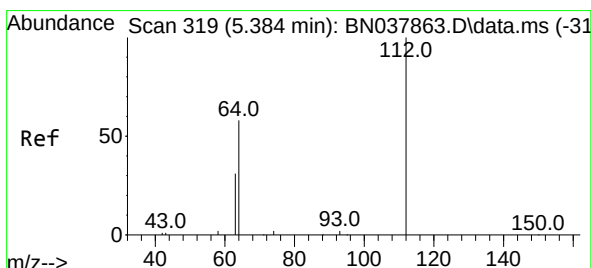
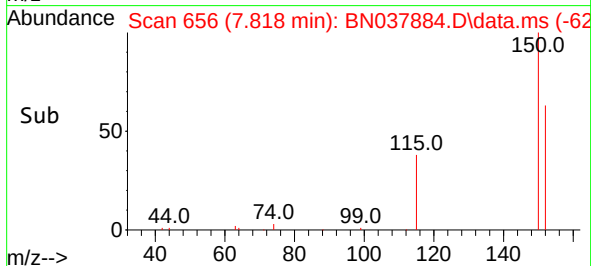
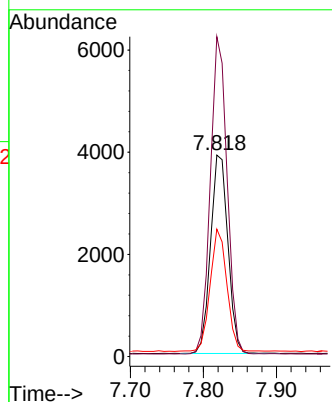
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037884.D
 Acq: 25 Sep 2025 12:07

Instrument :
 BNA_N
 ClientSampleId :
 PB169793BL



Tgt Ion:152 Resp: 6424

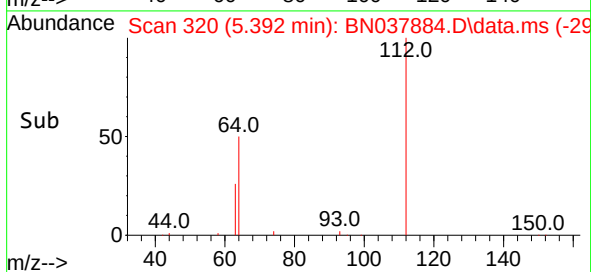
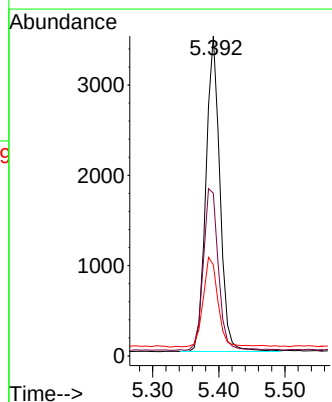
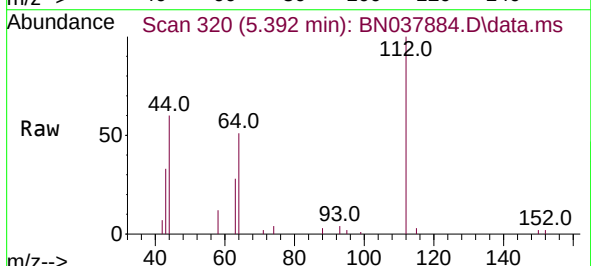
Ion	Ratio	Lower	Upper
152	100		
150	158.8	121.0	181.4
115	63.2	47.4	71.0

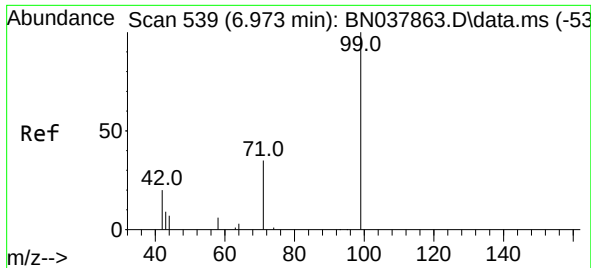


#4
 2-Fluorophenol
 Concen: 0.351 ng
 RT: 5.392 min Scan# 320
 Delta R.T. 0.007 min
 Lab File: BN037884.D
 Acq: 25 Sep 2025 12:07

Tgt Ion:112 Resp: 5148

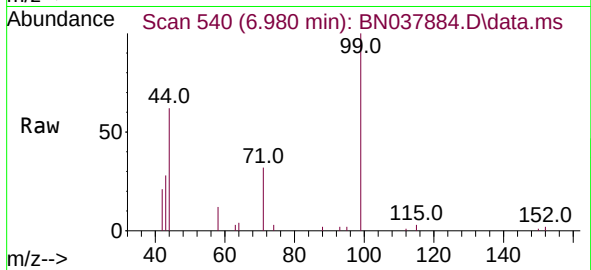
Ion	Ratio	Lower	Upper
112	100		
64	55.2	44.6	66.8
63	30.4	24.9	37.3



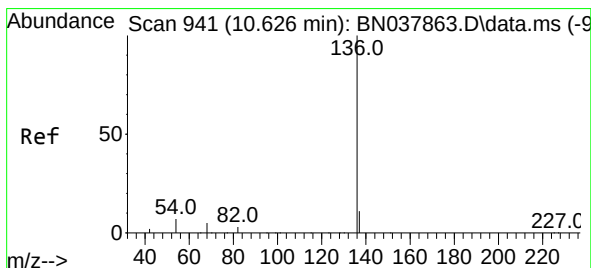
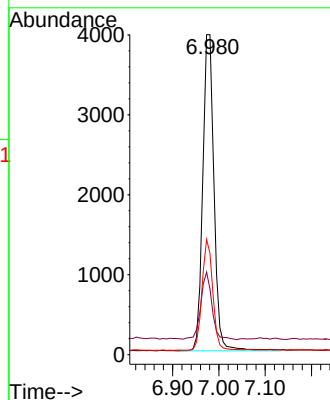
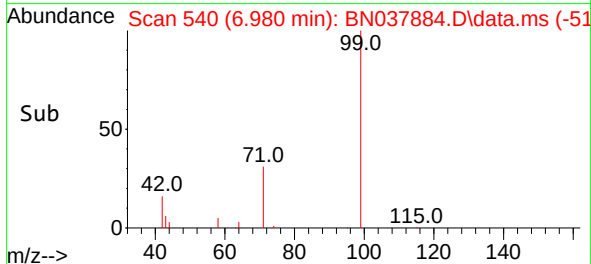


#5
Phenol-d6
Concen: 0.348 ng
RT: 6.980 min Scan# 540
Delta R.T. 0.007 min
Lab File: BN037884.D
Acq: 25 Sep 2025 12:07

Instrument :
BNA_N
ClientSampleId :
PB169793BL

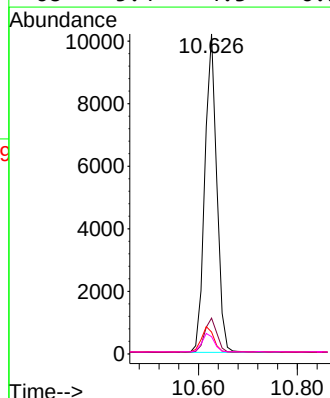
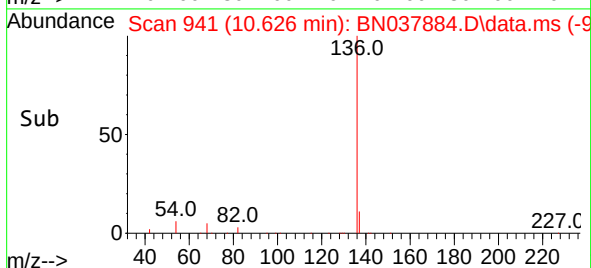
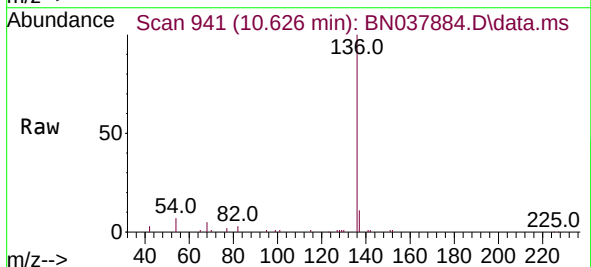


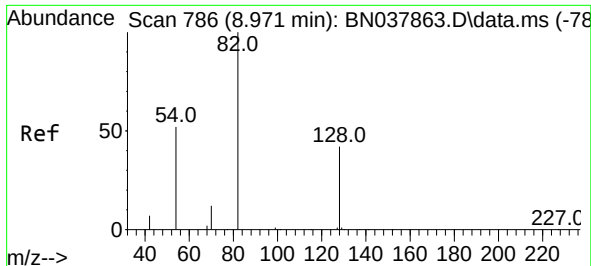
Tgt Ion:	99	Resp:	6702
Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.2	25.8
71	33.2	27.3	40.9



#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

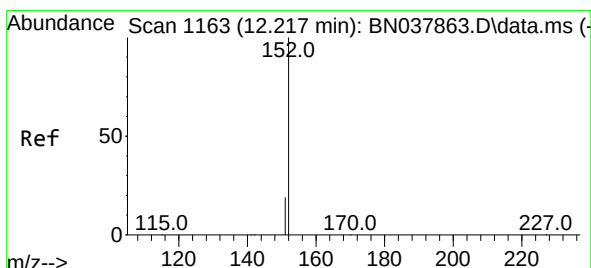
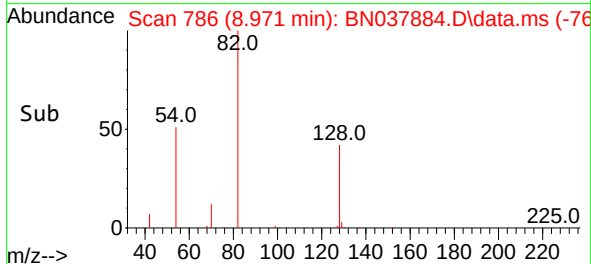
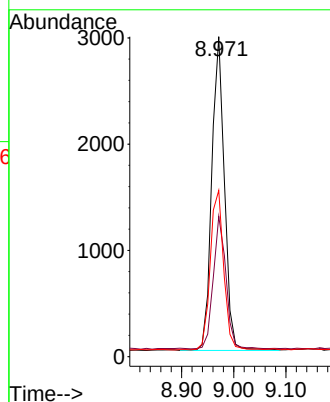
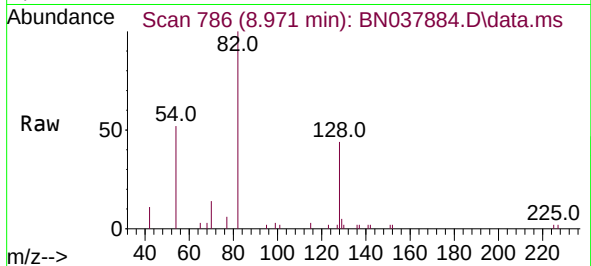




#8
 Nitrobenzene-d5
 Concen: 0.384 ng
 RT: 8.971 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: BN037884.D
 Acq: 25 Sep 2025 12:07

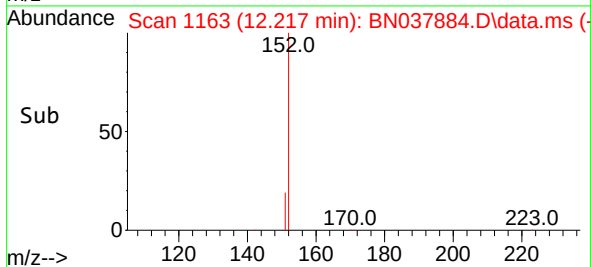
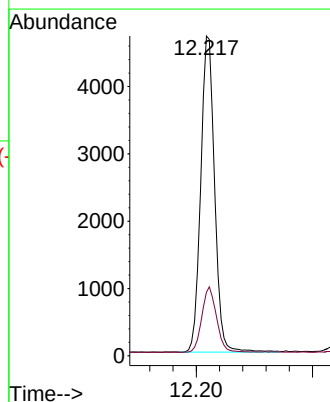
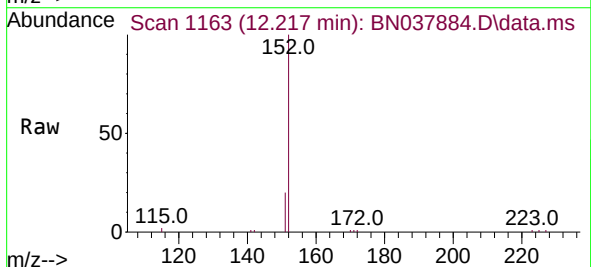
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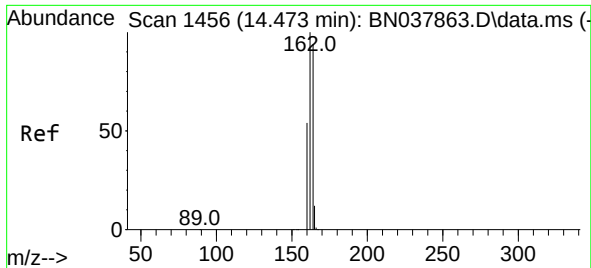
Tgt Ion: 82 Resp: 5003
 Ion Ratio Lower Upper
 82 100
 128 43.8 34.8 52.2
 54 51.9 42.2 63.2



#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

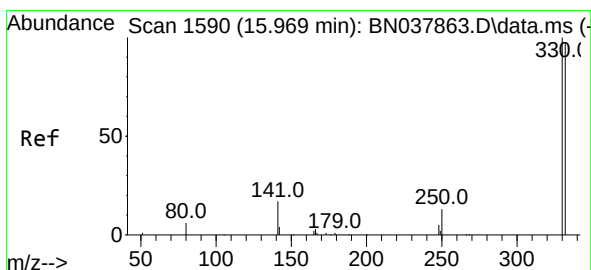
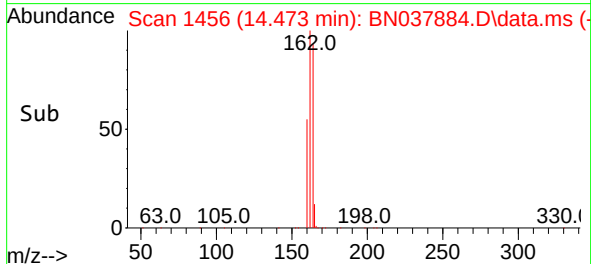
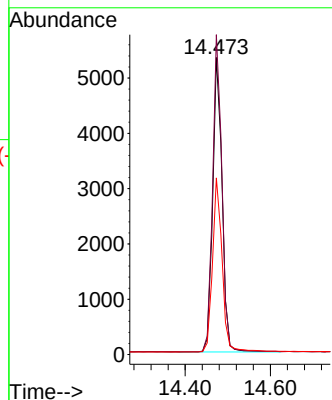
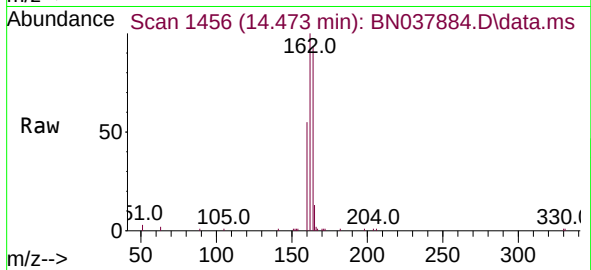




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN037884.D
Acq: 25 Sep 2025 12:07

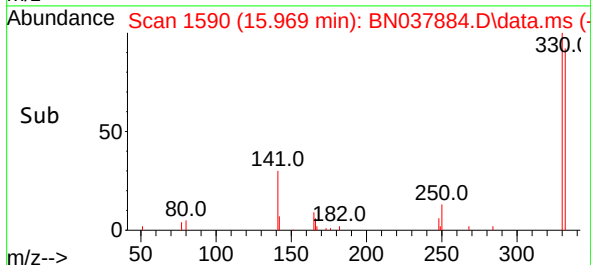
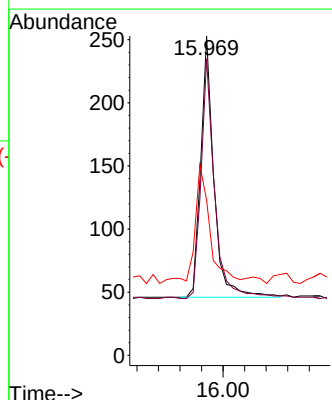
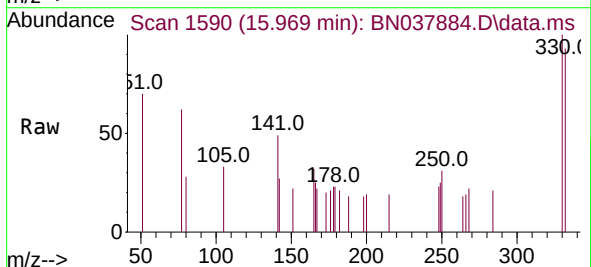
Instrument :
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ClientSampleId :
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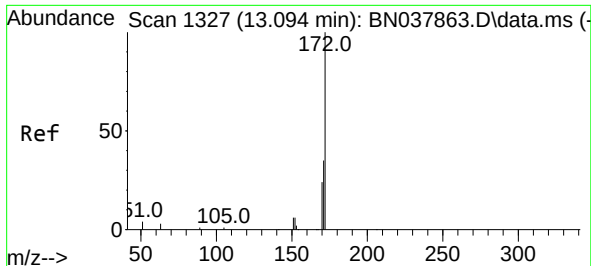
Tgt Ion:164 Resp: 8141
Ion Ratio Lower Upper
164 100
162 107.7 84.8 127.2
160 59.5 46.1 69.1



#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

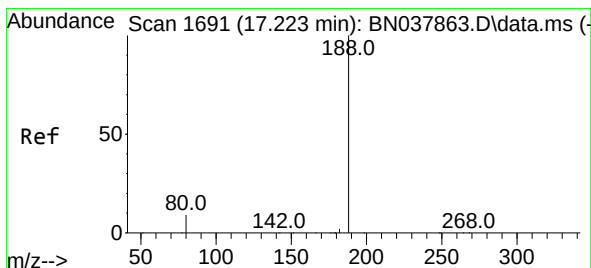
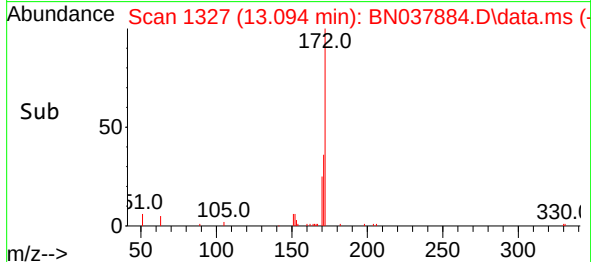
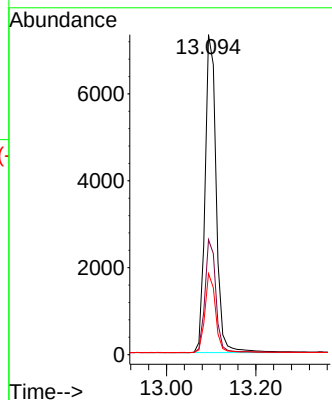
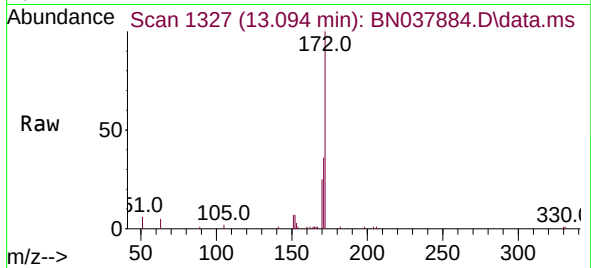




#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 13.094 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BN037884.D
Acq: 25 Sep 2025 12:07

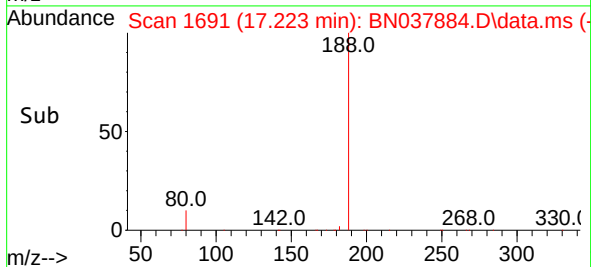
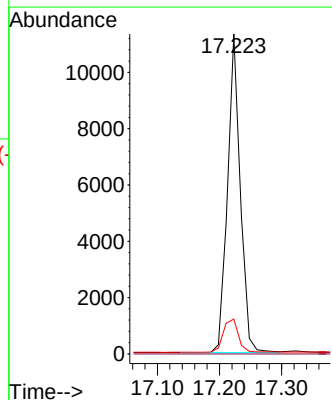
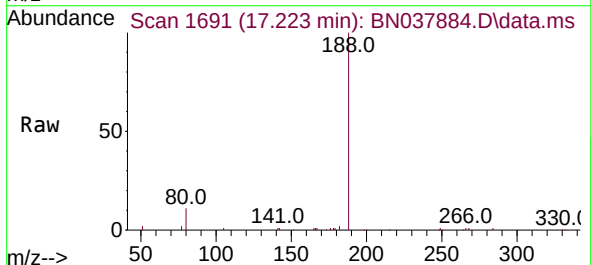
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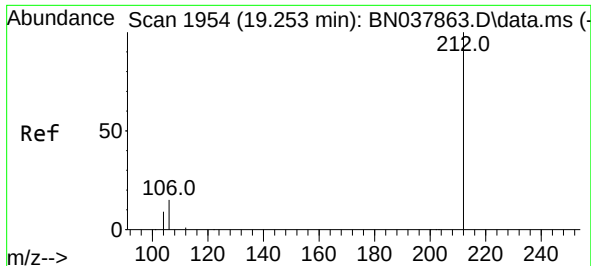
Tgt Ion:	172	Resp:	12725
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	25.3	19.7	29.5



#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

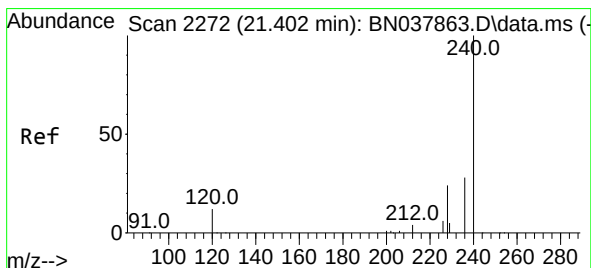
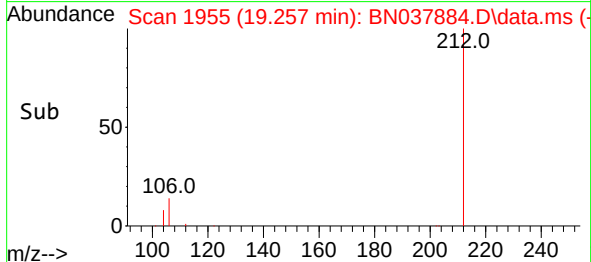
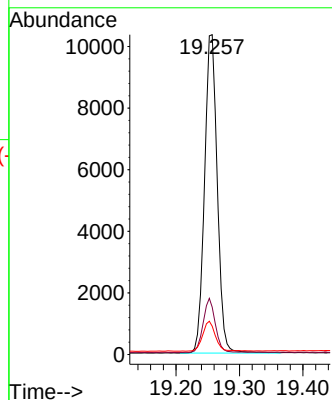
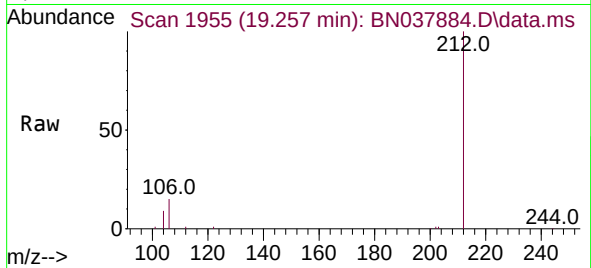




#27
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.257 min Scan# 1955
Delta R.T. 0.005 min
Lab File: BN037884.D
Acq: 25 Sep 2025 12:07

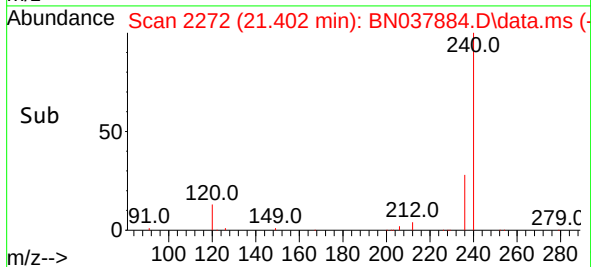
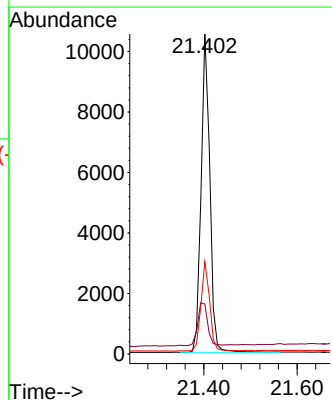
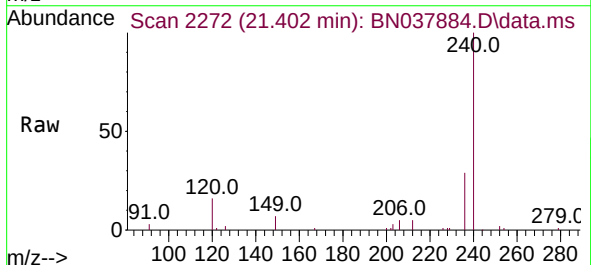
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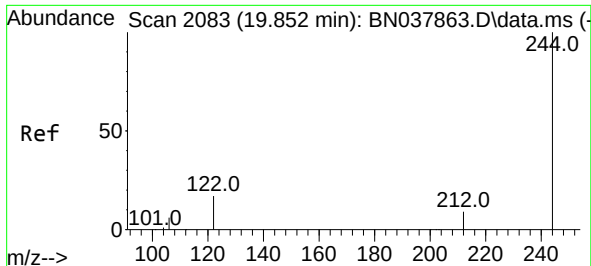
Tgt Ion:212 Resp: 14437
Ion Ratio Lower Upper
212 100
106 16.3 12.6 19.0
104 9.3 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN037884.D
Acq: 25 Sep 2025 12:07

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

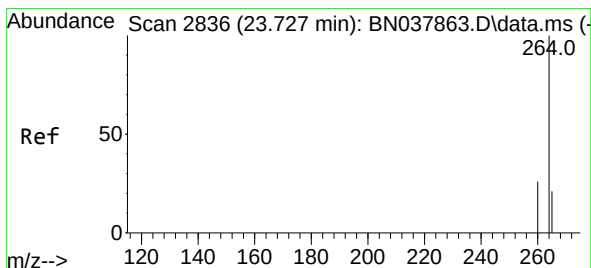
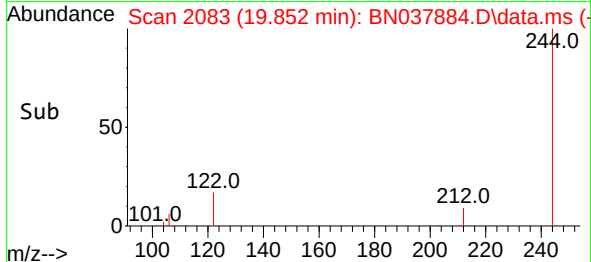
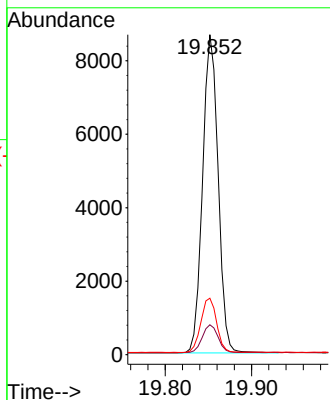
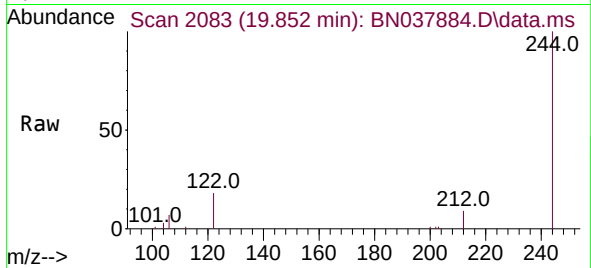




#31
 Terphenyl-d14
 Concen: 0.401 ng
 RT: 19.852 min Scan# 2083
 Delta R.T. -0.000 min
 Lab File: BN037884.D
 Acq: 25 Sep 2025 12:07

Instrument :
 BNA_N
 ClientSampleId :
 PB169793BL

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# 2837
 Delta R.T. 0.003 min
 Lab File: BN037884.D
 Acq: 25 Sep 2025 12:07

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

