

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021125\
 Data File : BN036429.D
 Acq On : 11 Feb 2025 18:28
 Operator : RC/JU
 Sample : PB166237BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB166237BL

Quant Time: Feb 12 00:14:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 11 01:17:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.753	152	2101	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	4365	0.400	ng	0.02
13) Acenaphthene-d10	14.398	164	2717	0.400	ng	0.01
19) Phenanthrene-d10	17.148	188	6255	0.400	ng	0.01
29) Chrysene-d12	21.330	240	5496	0.400	ng	0.00
35) Perylene-d12	23.598	264	5334	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1845	0.372	ng	0.00
5) Phenol-d6	6.937	99	1832	0.314	ng	0.00
8) Nitrobenzene-d5	8.918	82	1393	0.323	ng	0.01
11) 2-Methylnaphthalene-d10	12.161	152	2290	0.341	ng	0.02
14) 2,4,6-Tribromophenol	15.907	330	305	0.226	ng	0.02
15) 2-Fluorobiphenyl	13.040	172	3293	0.322	ng	0.02
27) Fluoranthene-d10	19.173	212	6554	0.377	ng	0.00
31) Terphenyl-d14	19.768	244	5047	0.430	ng	0.00

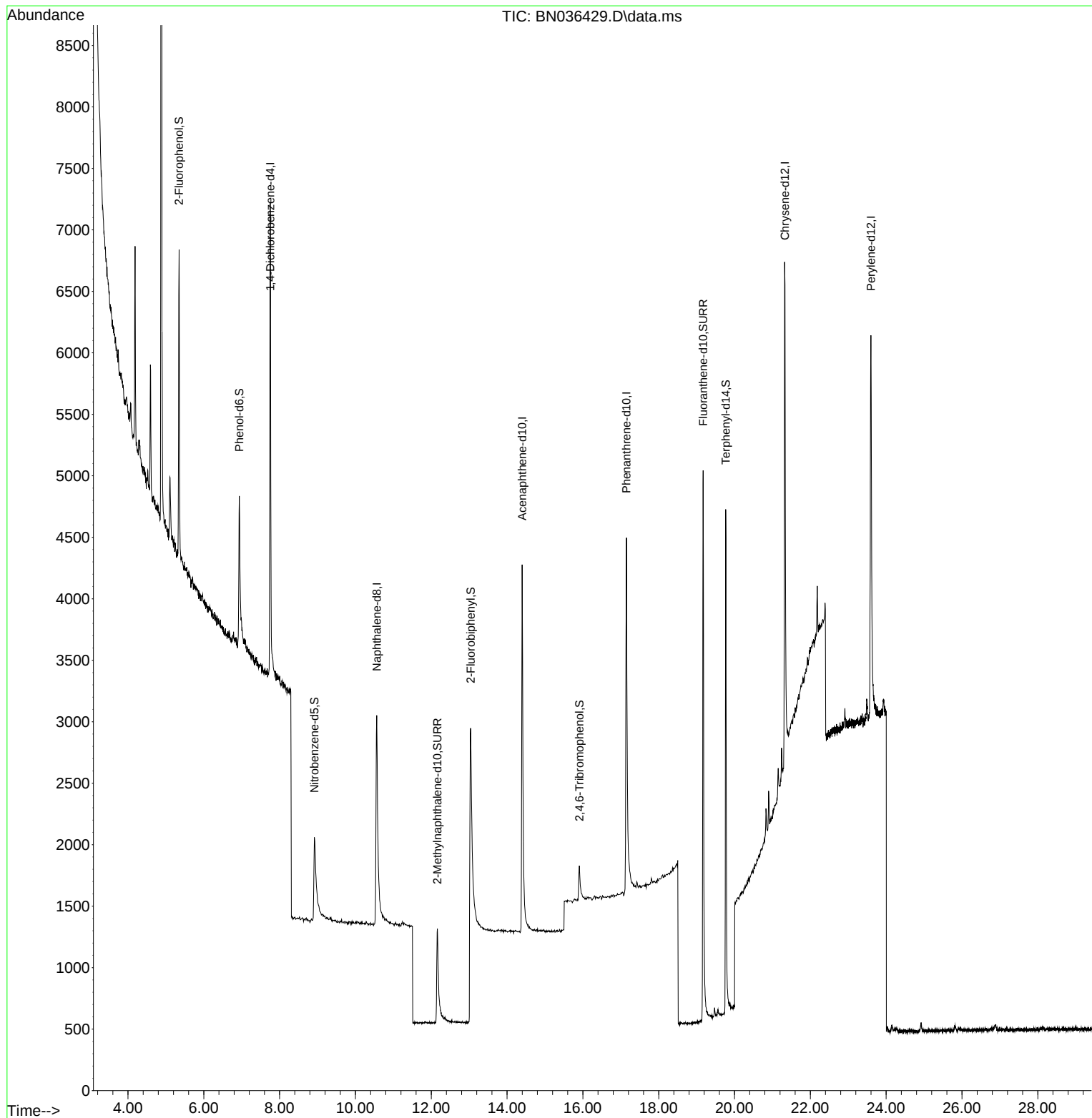
Target Compounds	Qvalue

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

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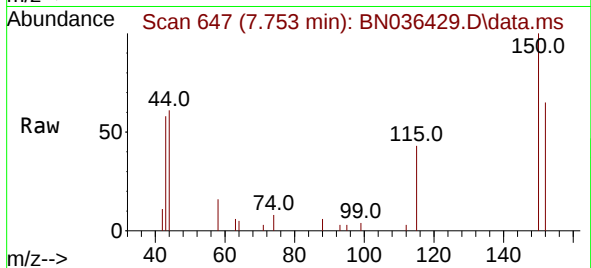
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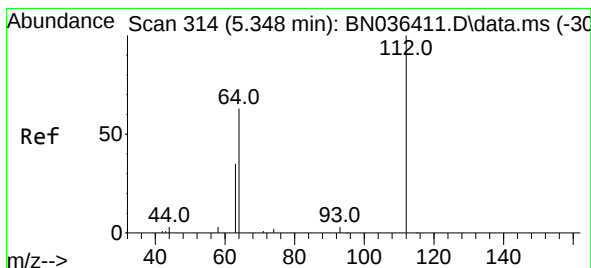
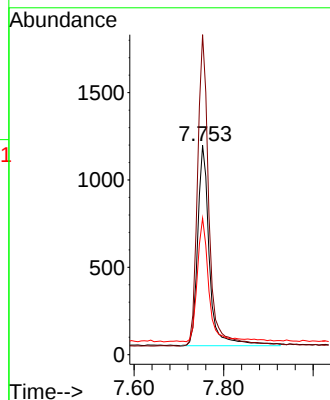
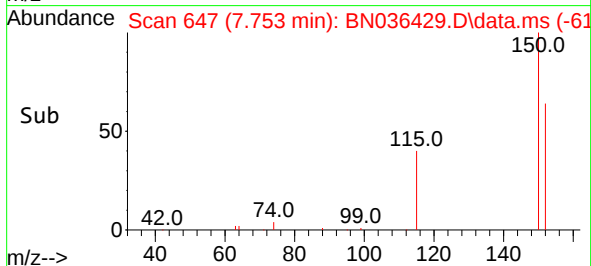


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.753 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN036429.D
Acq: 11 Feb 2025 18:28

Instrument :
BNA_N
ClientSampleId :
PB166237BL

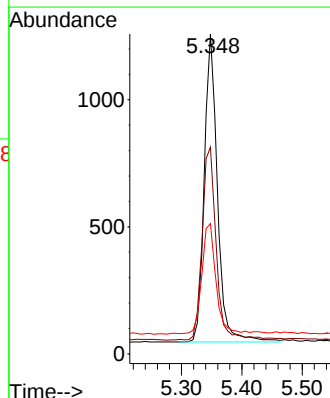
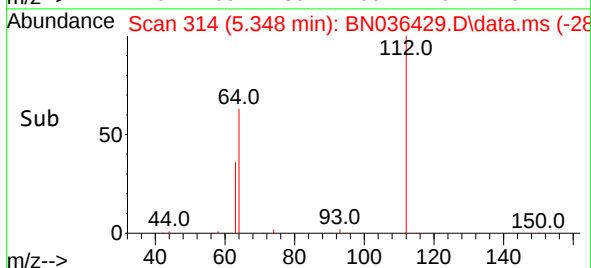
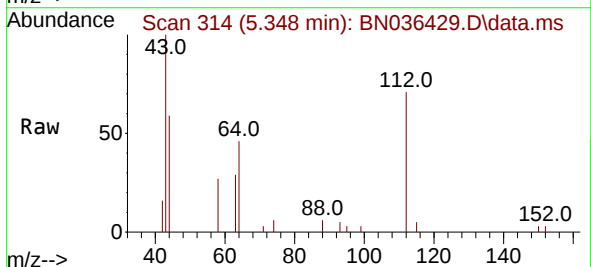


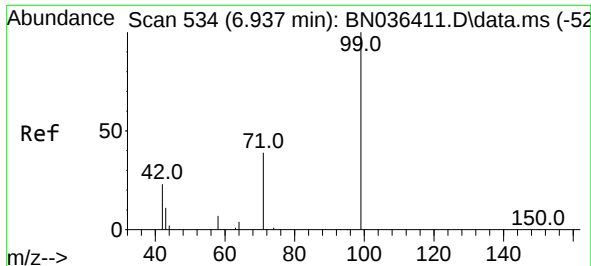
Tgt Ion:152 Resp: 2101
Ion Ratio Lower Upper
152 100
150 152.9 123.7 185.5
115 65.2 52.5 78.7



#4
2-Fluorophenol
Concen: 0.372 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN036429.D
Acq: 11 Feb 2025 18:28

Tgt Ion:112 Resp: 1845
Ion Ratio Lower Upper
112 100
64 67.8 53.4 80.0
63 39.1 30.3 45.5

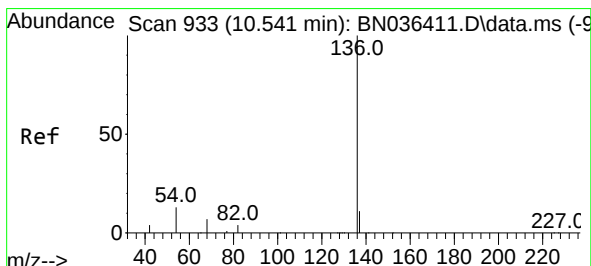
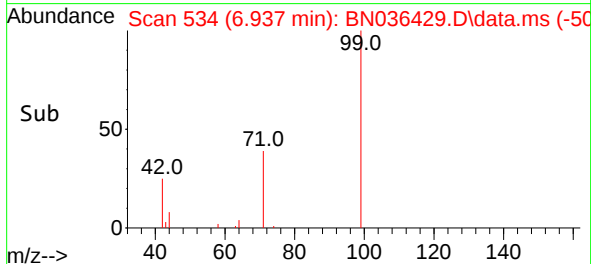
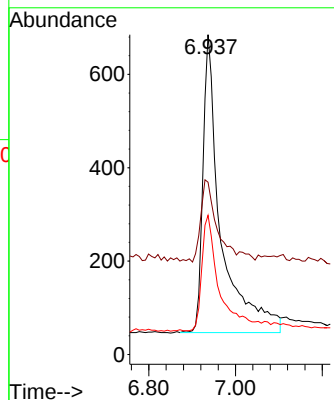
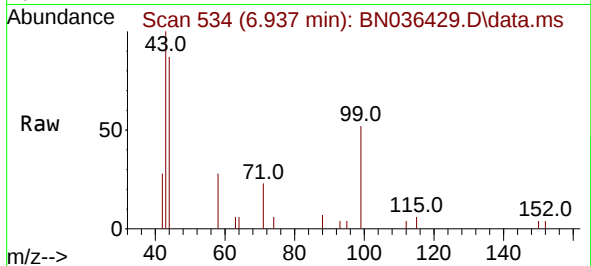




#5
Phenol-d6
Concen: 0.314 ng
RT: 6.937 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN036429.D
Acq: 11 Feb 2025 18:28

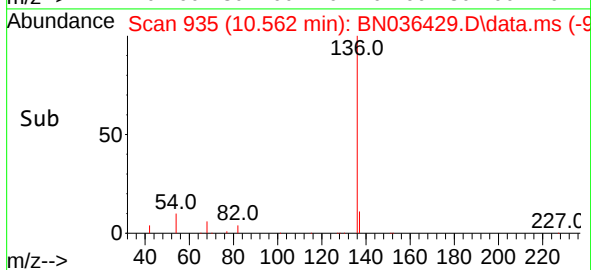
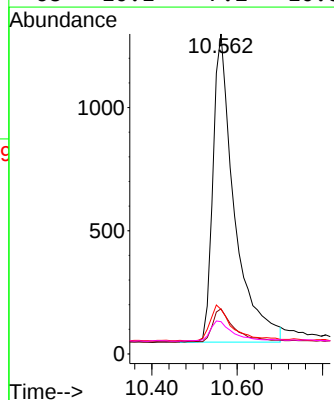
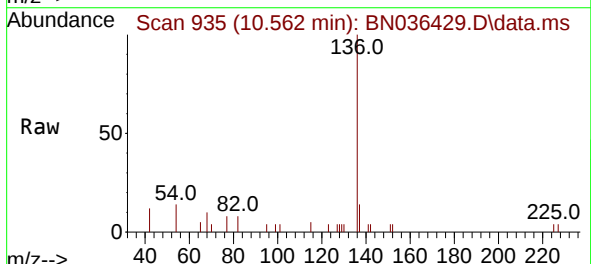
Instrument :
BNA_N
ClientSampleId :
PB166237BL

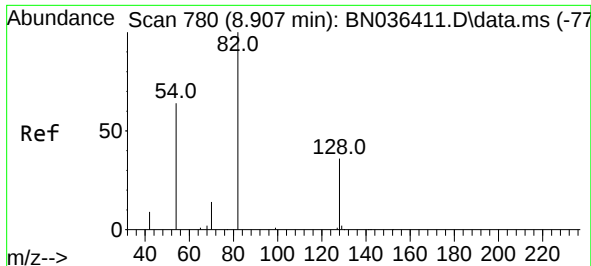
Tgt Ion:	99	Resp:	1832
Ion	Ratio	Lower	Upper
99	100		
42	25.2	21.7	32.5
71	37.9	32.6	49.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. 0.021 min
Lab File: BN036429.D
Acq: 11 Feb 2025 18:28

Tgt Ion:	136	Resp:	4365
Ion	Ratio	Lower	Upper
136	100		
137	14.1	10.1	15.1
54	13.9	11.8	17.6
68	10.1	7.2	10.8

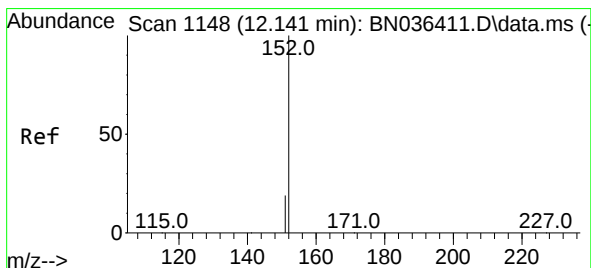
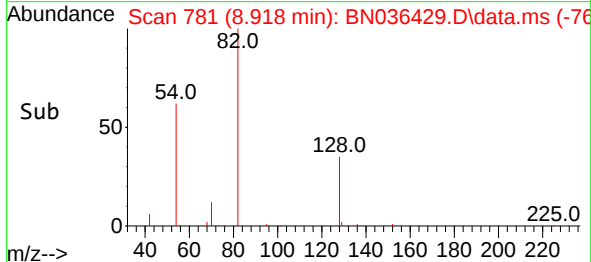
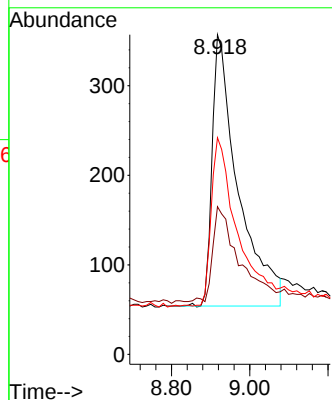
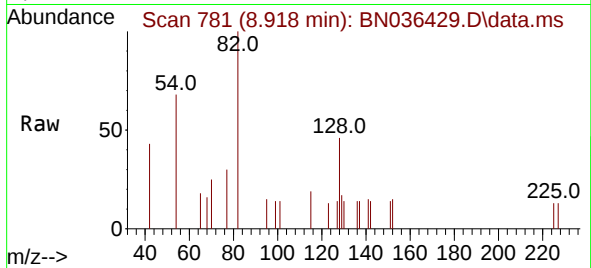




#8
Nitrobenzene-d5
Concen: 0.323 ng
RT: 8.918 min Scan# 71
Delta R.T. 0.010 min
Lab File: BN036429.D
Acq: 11 Feb 2025 18:28

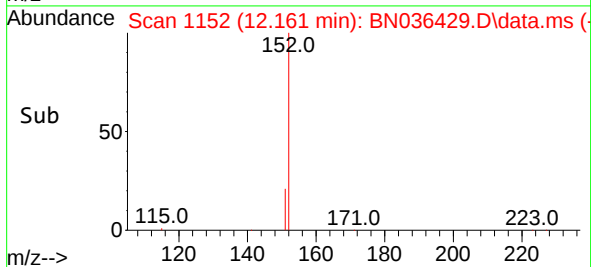
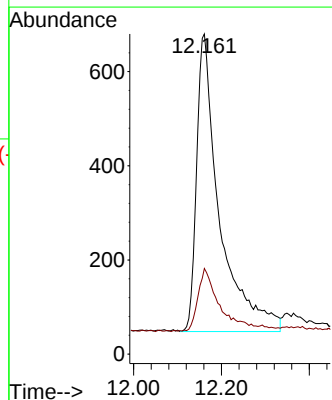
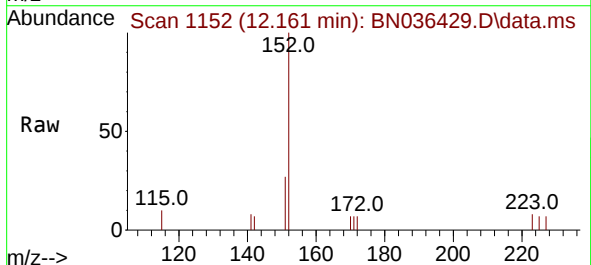
Instrument :
BNA_N
ClientSampleId :
PB166237BL

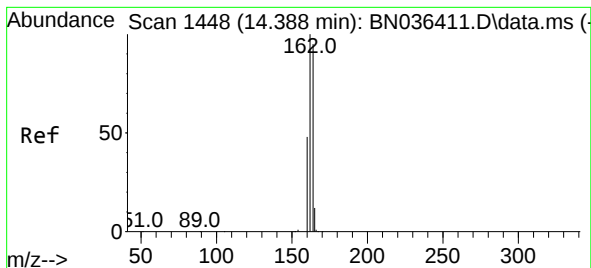
Tgt Ion: 82 Resp: 1393
Ion Ratio Lower Upper
82 100
128 46.2 31.9 47.9
54 67.8 53.1 79.7



#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.161 min Scan# 1152
Delta R.T. 0.020 min
Lab File: BN036429.D
Acq: 11 Feb 2025 18:28

Tgt Ion:152 Resp: 2290
Ion Ratio Lower Upper
152 100
151 19.7 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.398 min Scan# 1448

Delta R.T. 0.010 min

Lab File: BN036429.D

Acq: 11 Feb 2025 18:28

Instrument :

BNA_N

ClientSampleId :

PB166237BL

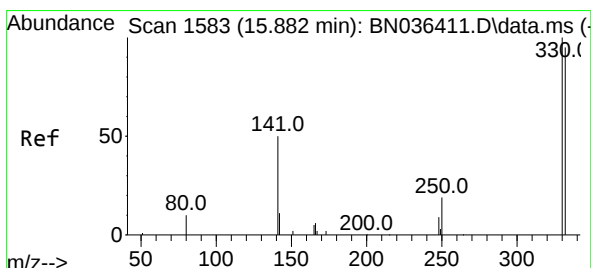
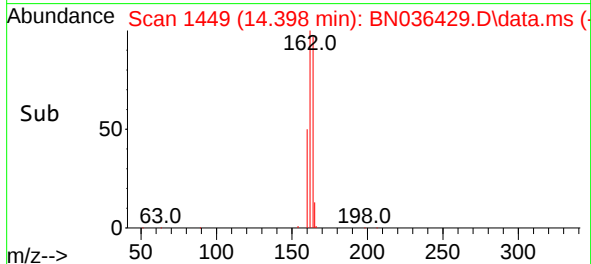
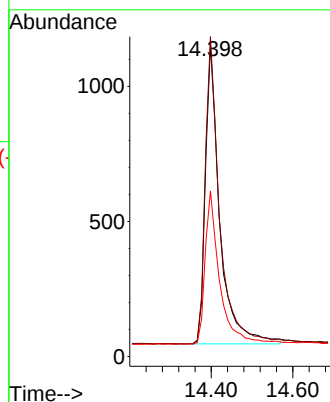
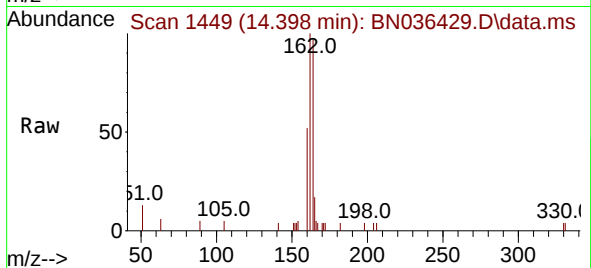
Tgt Ion:164 Resp: 2717

Ion Ratio Lower Upper

164 100

162 102.7 84.1 126.1

160 53.2 41.4 62.0



#14

2,4,6-Tribromophenol

Concen: 0.226 ng

RT: 15.907 min Scan# 1585

Delta R.T. 0.024 min

Lab File: BN036429.D

Acq: 11 Feb 2025 18:28

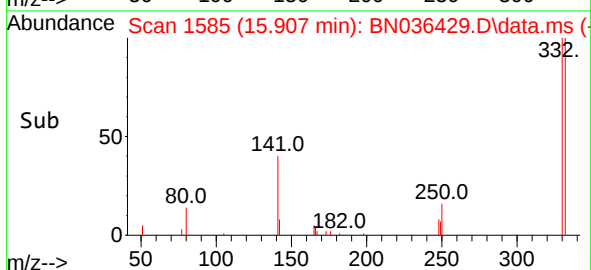
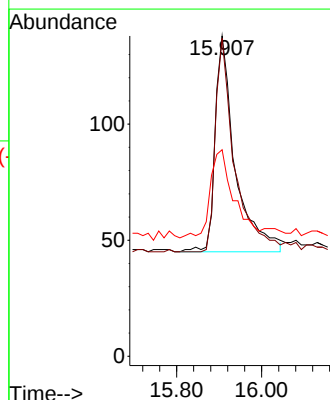
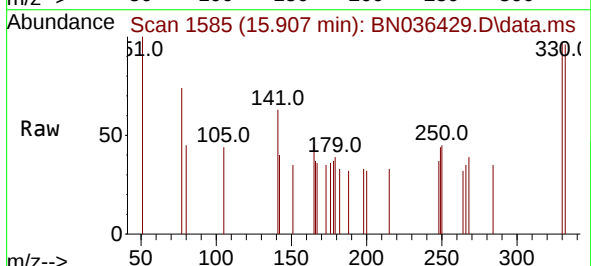
Tgt Ion:330 Resp: 305

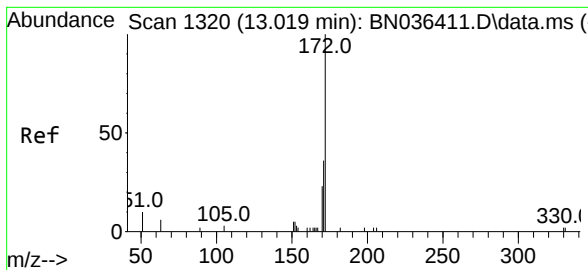
Ion Ratio Lower Upper

330 100

332 94.8 76.6 114.8

141 47.5 37.8 56.8

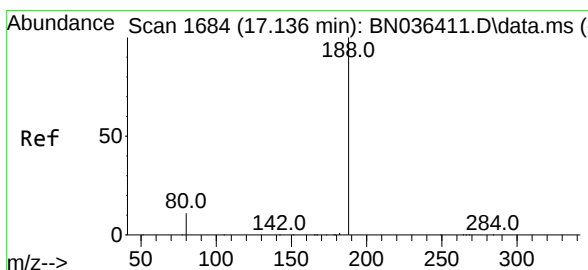
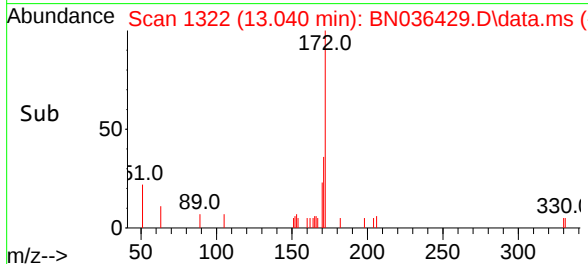
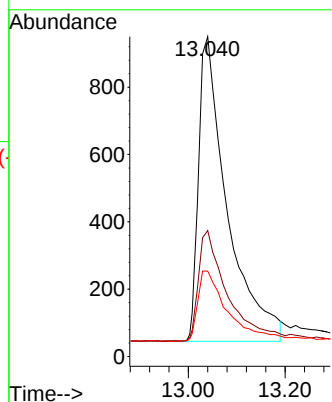
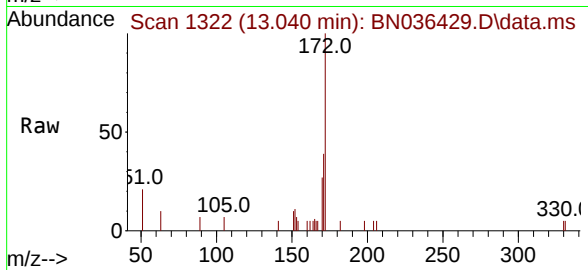




#15
2-Fluorobiphenyl
Concen: 0.322 ng
RT: 13.040 min Scan# 11
Delta R.T. 0.021 min
Lab File: BN036429.D
Acq: 11 Feb 2025 18:28

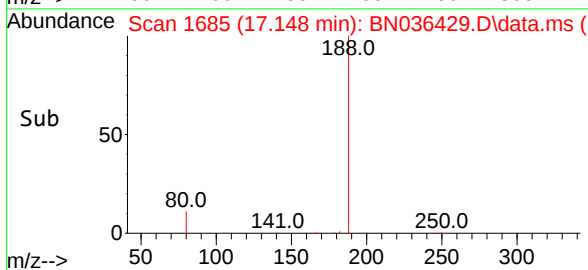
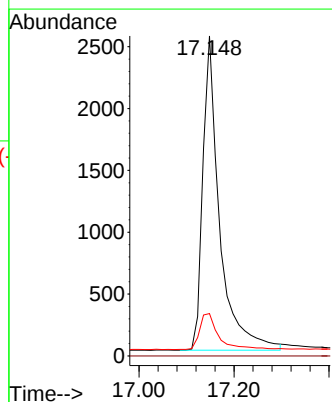
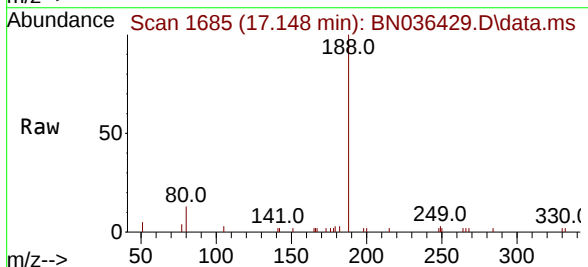
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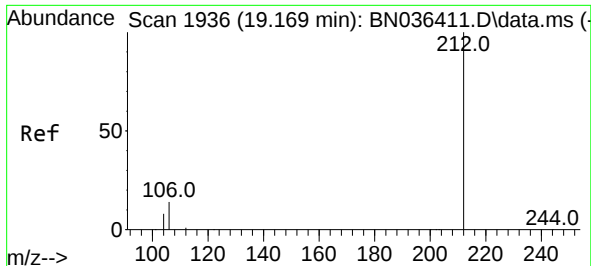
Tgt Ion:172	Resp:	3293
Ion	Ratio	Lower Upper
172	100	
171	39.4	29.6 44.4
170	26.7	19.8 29.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. 0.012 min
Lab File: BN036429.D
Acq: 11 Feb 2025 18:28

Tgt Ion:188	Resp:	6255
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	13.3	9.8 14.6

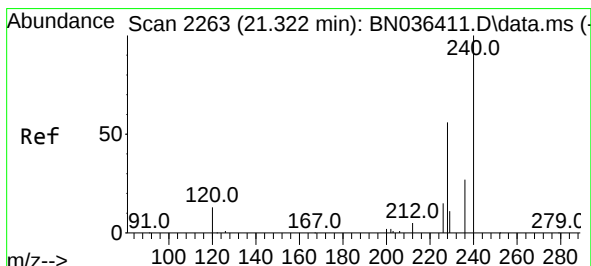
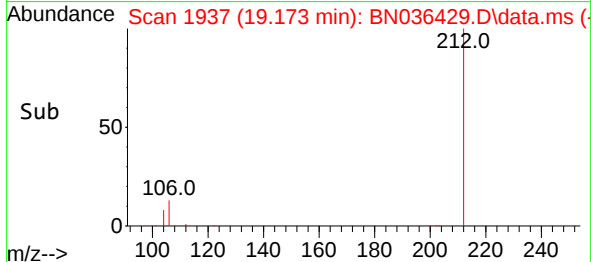
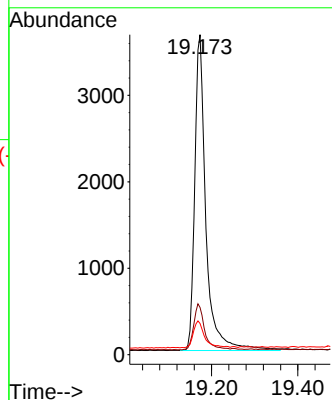
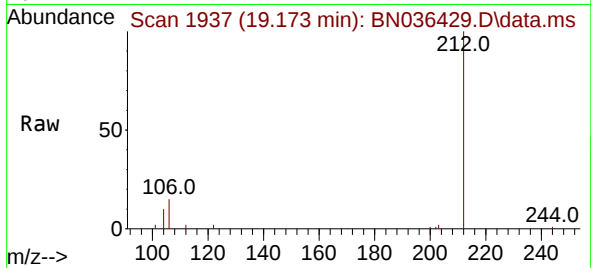




#27
Fluoranthene-d10
Concen: 0.377 ng
RT: 19.173 min Scan# 1937
Delta R.T. 0.004 min
Lab File: BN036429.D
Acq: 11 Feb 2025 18:28

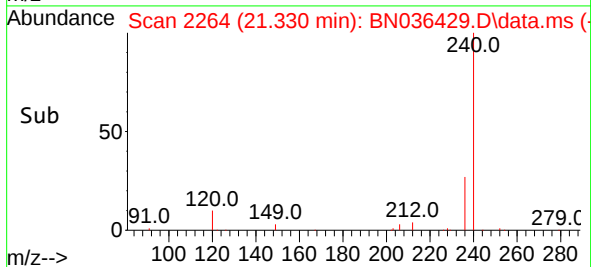
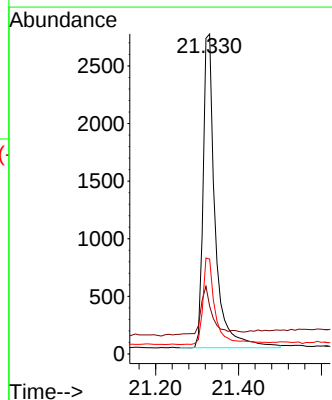
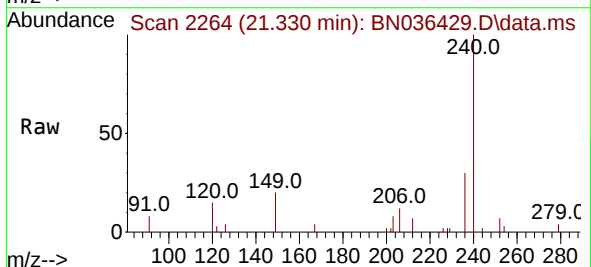
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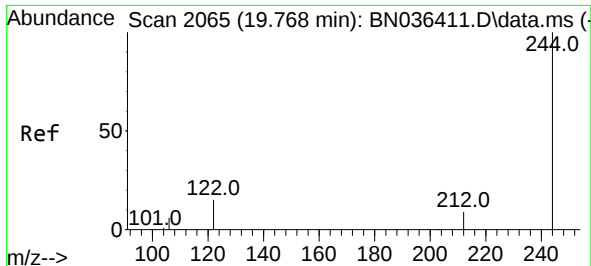
Tgt Ion:212 Resp: 6554
Ion Ratio Lower Upper
212 100
106 14.3 11.5 17.3
104 8.7 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.330 min Scan# 2264
Delta R.T. 0.009 min
Lab File: BN036429.D
Acq: 11 Feb 2025 18:28

Tgt Ion:240 Resp: 5496
Ion Ratio Lower Upper
240 100
120 14.9 13.3 19.9
236 29.6 23.0 34.6

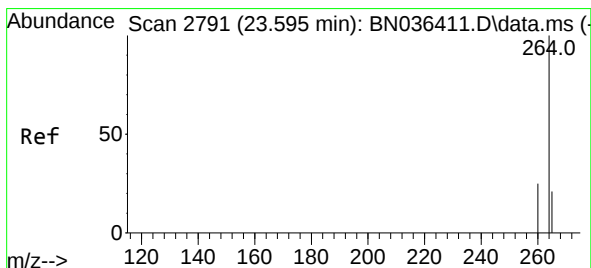
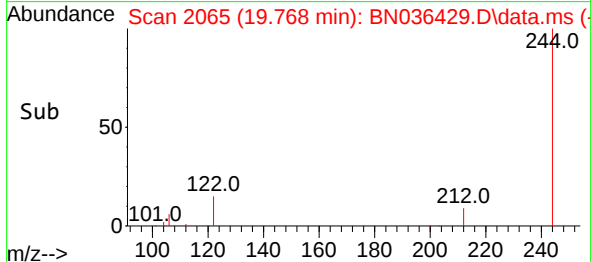
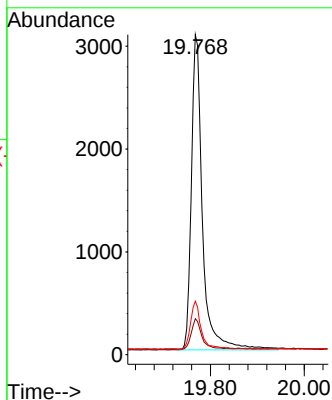
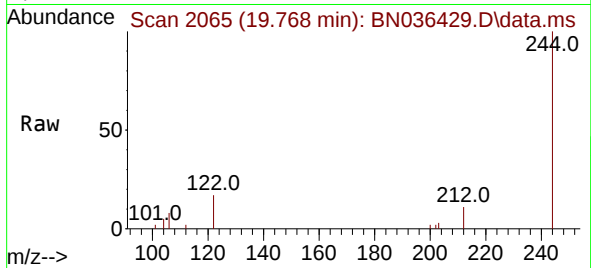




#31
 Terphenyl-d14
 Concen: 0.430 ng
 RT: 19.768 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: BN036429.D
 Acq: 11 Feb 2025 18:28

Instrument :
 BNA_N
 ClientSampleId :
 PB166237BL

Tgt Ion:244 Resp: 5047
 Ion Ratio Lower Upper
 244 100
 212 11.2 8.1 12.1
 122 16.7 12.8 19.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.598 min Scan# 2792
 Delta R.T. 0.002 min
 Lab File: BN036429.D
 Acq: 11 Feb 2025 18:28

Tgt Ion:264 Resp: 5334
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.9 31.3
 265 102.1 60.7 91.1#

