

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030525\
 Data File : BN036525.D
 Acq On : 05 Mar 2025 15:42
 Operator : RC/JU
 Sample : PB166992BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB166992BL

Quant Time: Mar 05 16:09:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 16:08:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2434	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5613	0.400	ng	0.00
13) Acenaphthene-d10	14.366	164	3101	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	6620	0.400	ng	0.00
29) Chrysene-d12	21.304	240	5887	0.400	ng	# 0.00
35) Perylene-d12	23.560	264	5416	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	2433	0.423	ng	0.00
5) Phenol-d6	6.901	99	2765	0.410	ng	0.00
8) Nitrobenzene-d5	8.875	82	2300	0.415	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	3206	0.372	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	535	0.348	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	7446	0.639	ng	0.00
27) Fluoranthene-d10	19.146	212	7538	0.409	ng	0.00
31) Terphenyl-d14	19.745	244	5400	0.430	ng	0.00

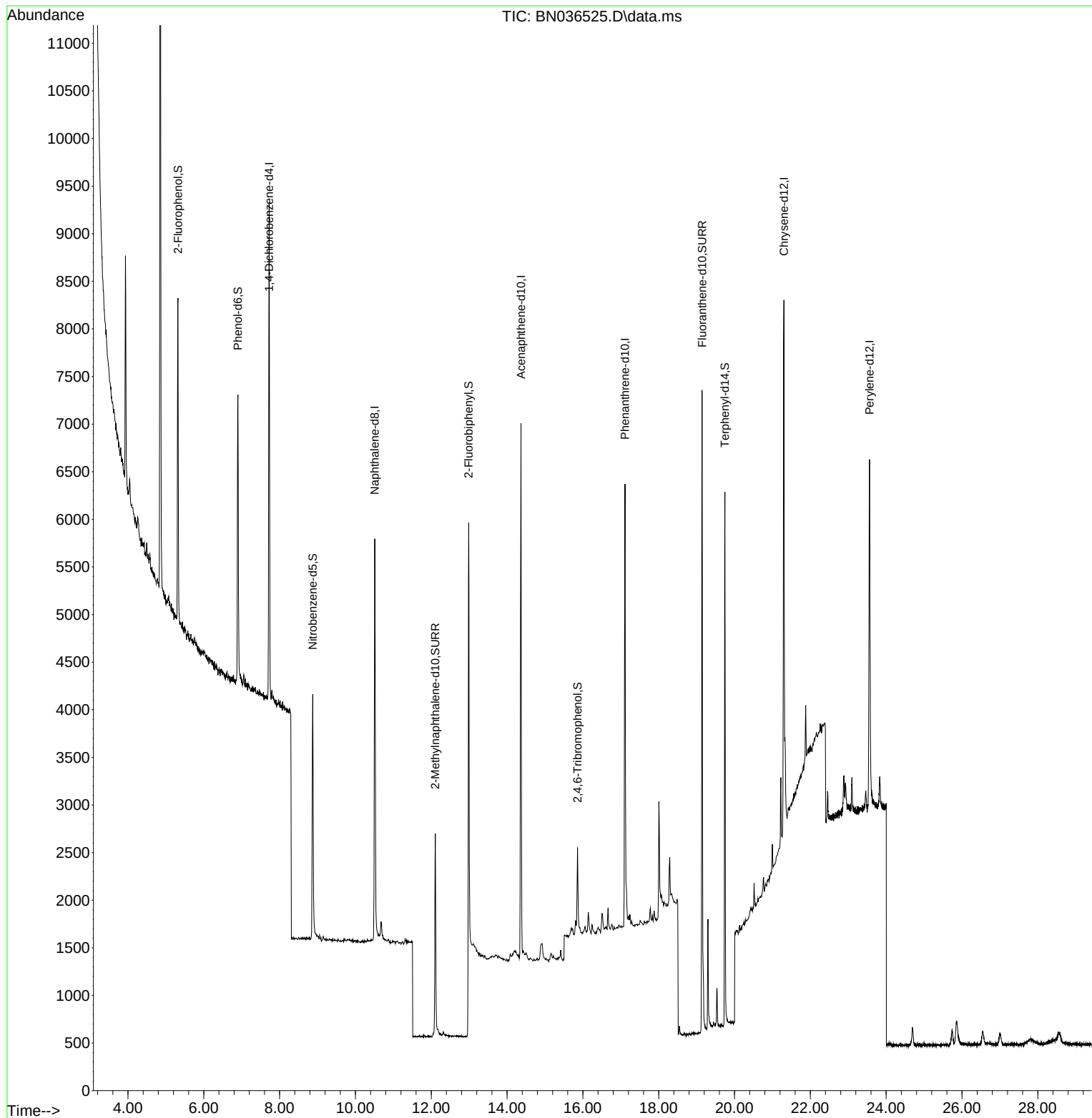
Target Compounds Qvalue

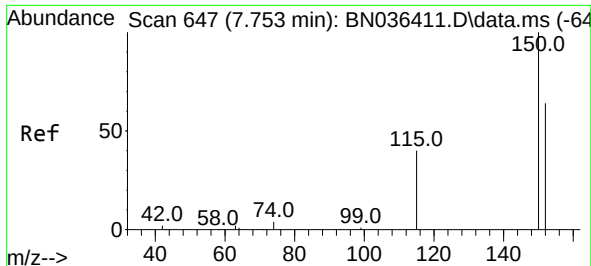
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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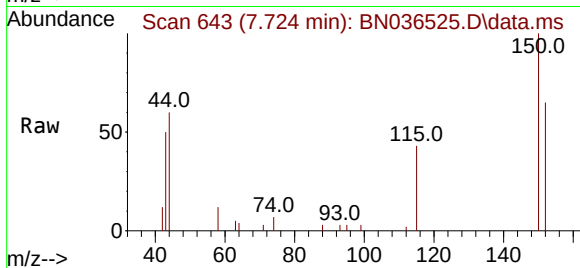
Quant Time: Mar 05 16:09:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
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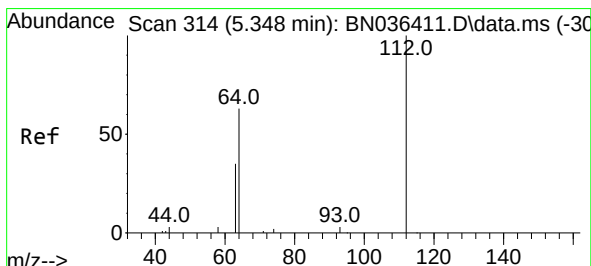
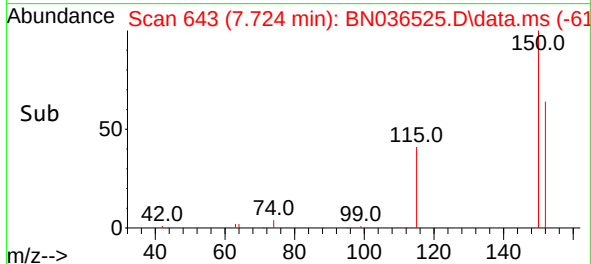
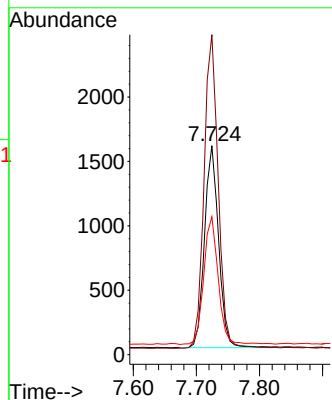


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. -0.008 min
 Lab File: BN036525.D
 Acq: 05 Mar 2025 15:42

Instrument :
 BNA_N
 ClientSampleId :
 PB166992BL

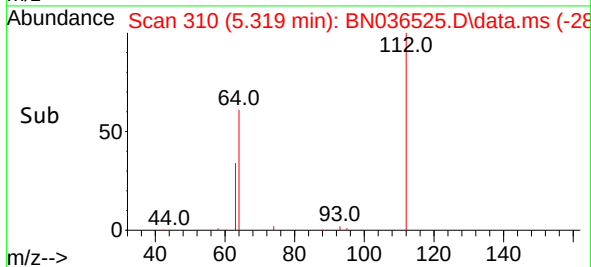
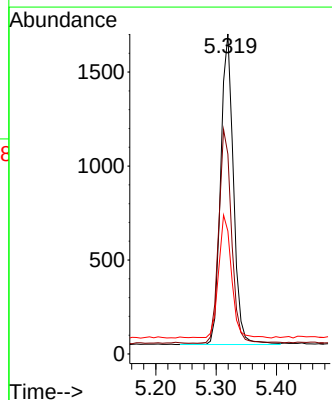
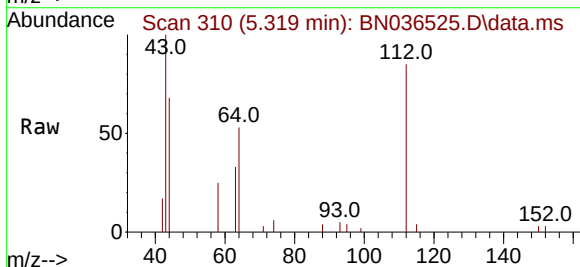


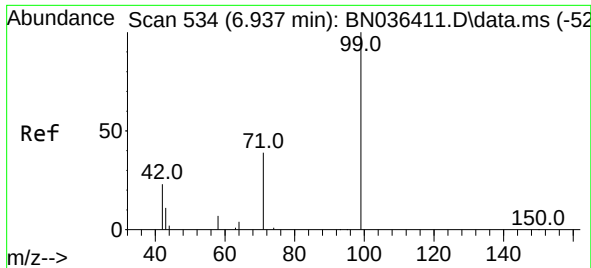
Tgt Ion:152 Resp: 2434
 Ion Ratio Lower Upper
 152 100
 150 153.1 123.7 185.5
 115 66.0 52.5 78.7



#4
 2-Fluorophenol
 Concen: 0.423 ng
 RT: 5.319 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: BN036525.D
 Acq: 05 Mar 2025 15:42

Tgt Ion:112 Resp: 2433
 Ion Ratio Lower Upper
 112 100
 64 69.1 53.4 80.0
 63 39.8 30.3 45.5

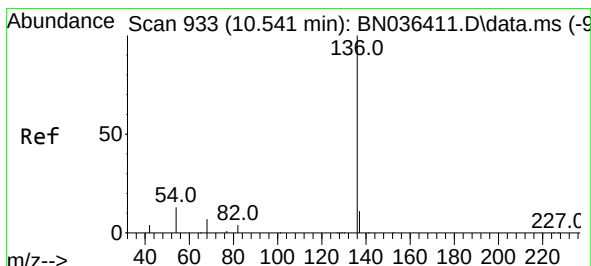
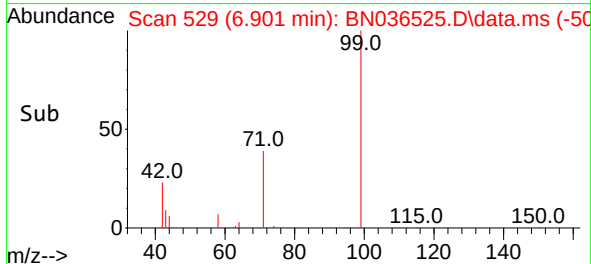
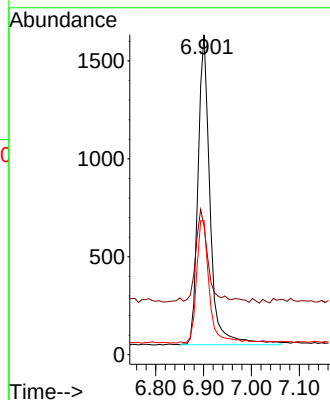
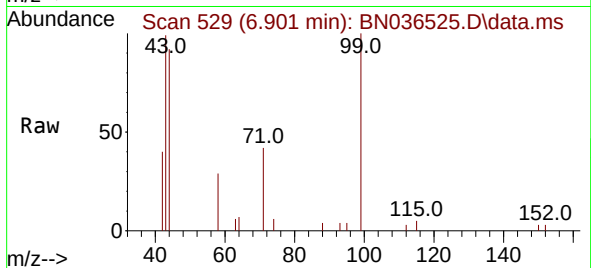




#5
Phenol-d6
Concen: 0.410 ng
RT: 6.901 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN036525.D
Acq: 05 Mar 2025 15:42

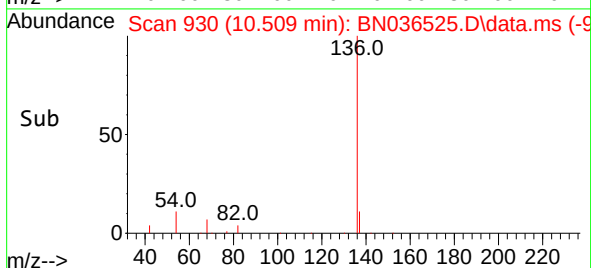
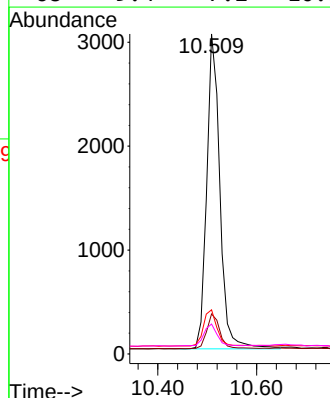
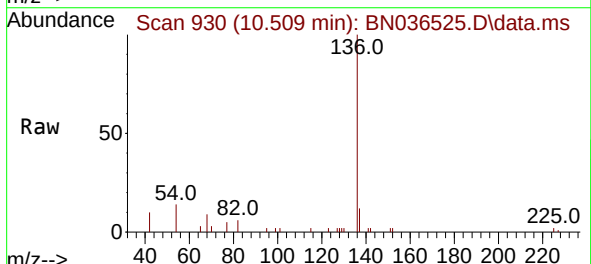
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BNA_N
ClientSampleId :
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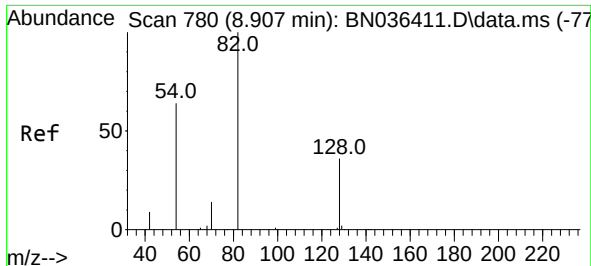
Tgt Ion:	99	Resp:	2765
Ion	Ratio	Lower	Upper
99	100		
42	28.4	21.7	32.5
71	41.1	32.6	49.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN036525.D
Acq: 05 Mar 2025 15:42

Tgt Ion:	136	Resp:	5613
Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.1	15.1
54	13.8	11.8	17.6
68	9.4	7.2	10.8

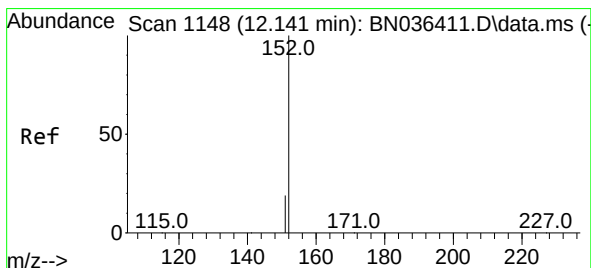
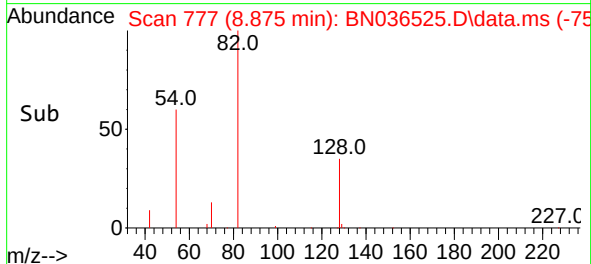
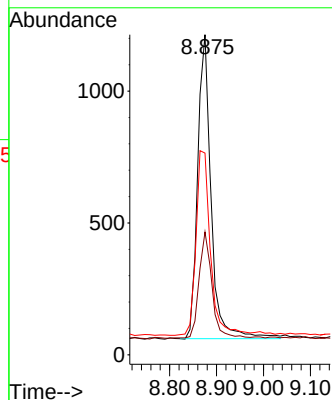
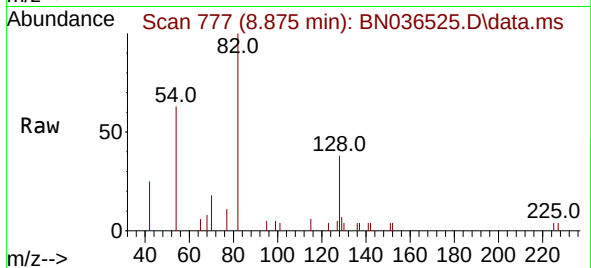




#8
Nitrobenzene-d5
Concen: 0.415 ng
RT: 8.875 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN036525.D
Acq: 05 Mar 2025 15:42

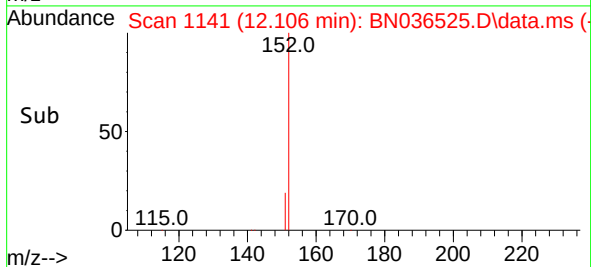
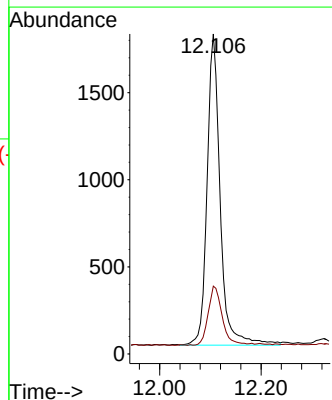
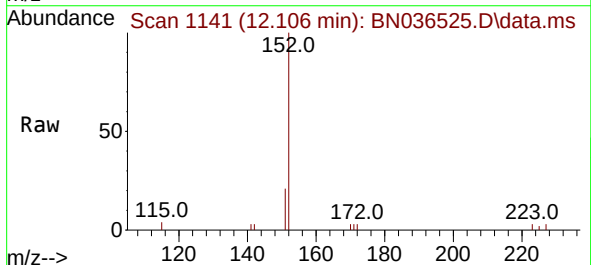
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ClientSampleId :
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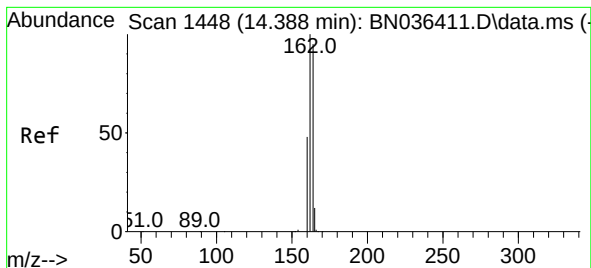
Tgt Ion: 82 Resp: 2300
Ion Ratio Lower Upper
82 100
128 38.4 31.9 47.9
54 63.0 53.1 79.7



#11
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 12.106 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BN036525.D
Acq: 05 Mar 2025 15:42

Tgt Ion:152 Resp: 3206
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.366 min Scan# 1446

Delta R.T. -0.000 min

Lab File: BN036525.D

Acq: 05 Mar 2025 15:42

Instrument :

BNA_N

ClientSampleId :

PB166992BL

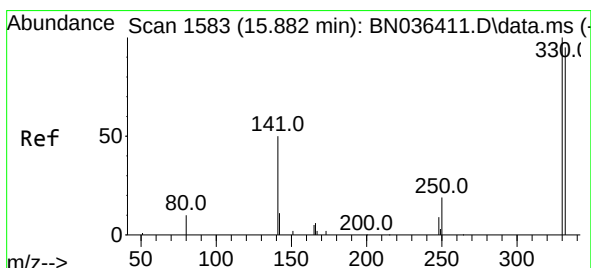
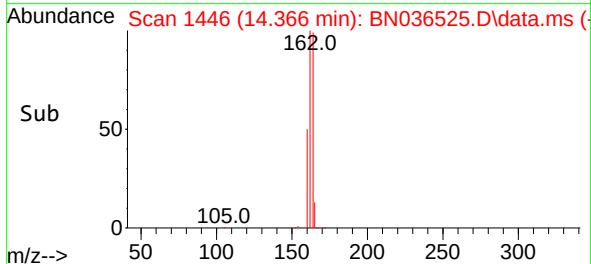
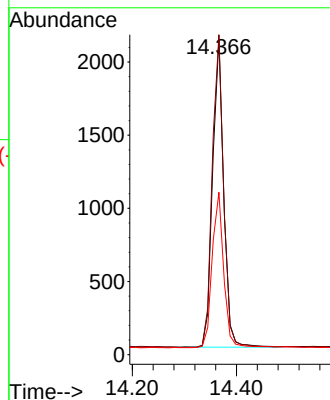
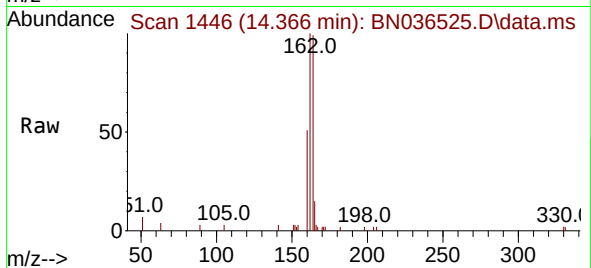
Tgt Ion:164 Resp: 3101

Ion Ratio Lower Upper

164 100

162 101.3 84.1 126.1

160 51.4 41.4 62.0



#14

2,4,6-Tribromophenol

Concen: 0.348 ng

RT: 15.858 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BN036525.D

Acq: 05 Mar 2025 15:42

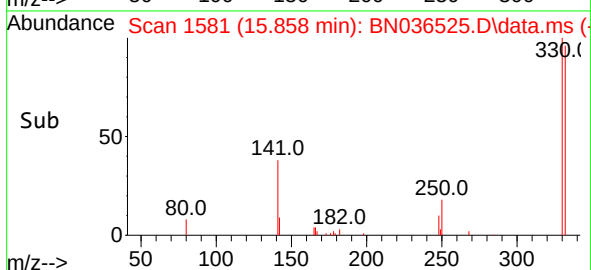
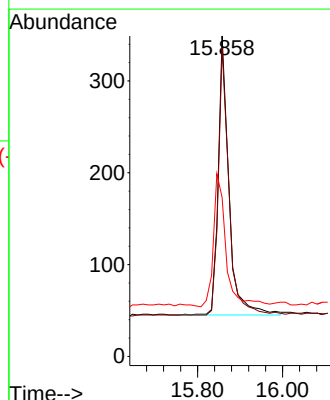
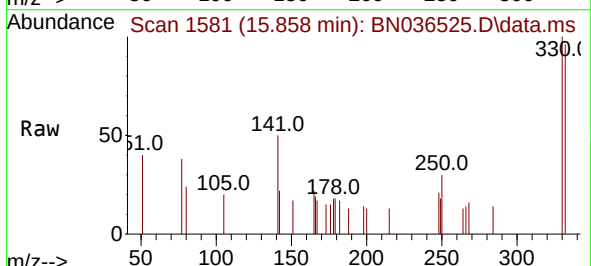
Tgt Ion:330 Resp: 535

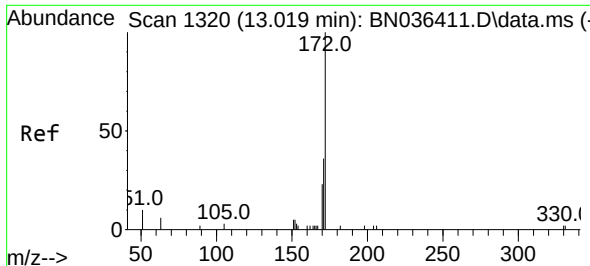
Ion Ratio Lower Upper

330 100

332 94.4 76.6 114.8

141 55.9 37.8 56.8

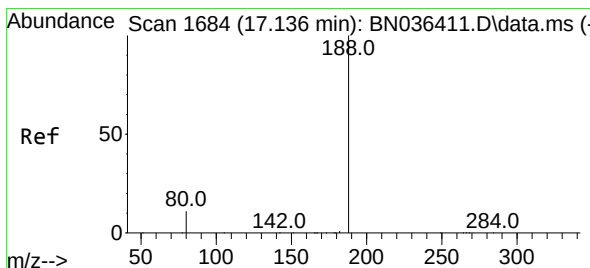
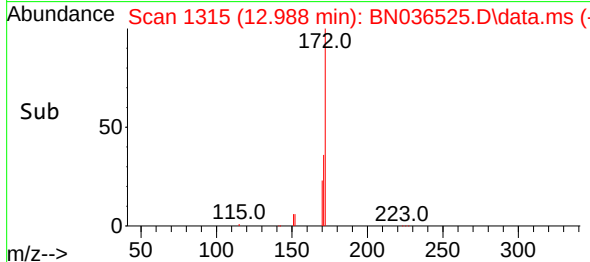
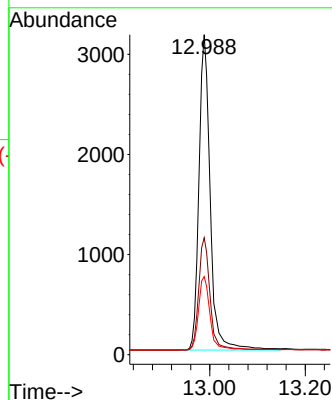
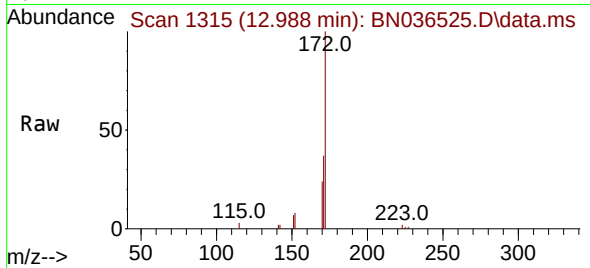




#15
2-Fluorobiphenyl
Concen: 0.639 ng
RT: 12.988 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036525.D
Acq: 05 Mar 2025 15:42

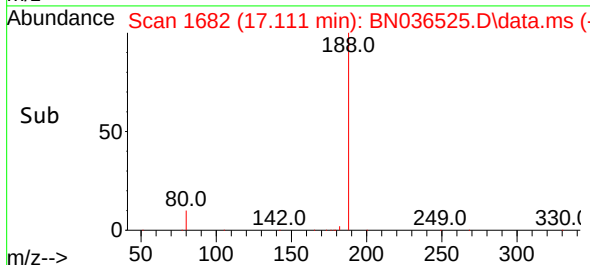
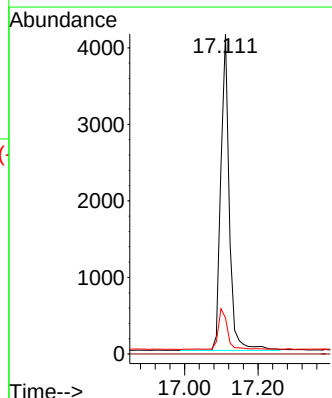
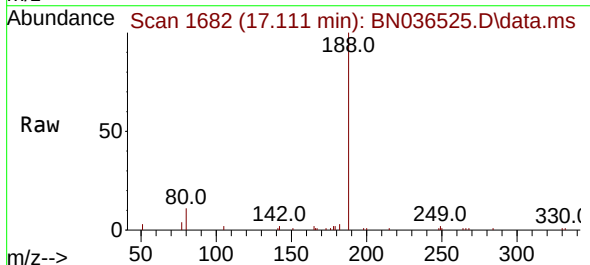
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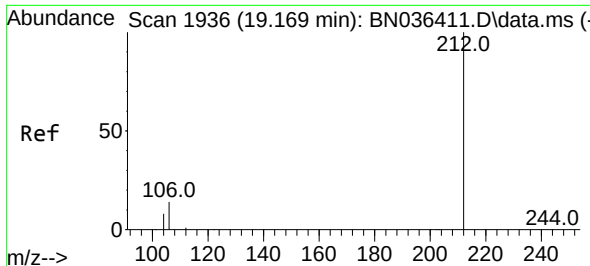
Tgt Ion:172 Resp: 7446
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.4 19.8 29.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN036525.D
Acq: 05 Mar 2025 15:42

Tgt Ion:188 Resp: 6620
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 9.8 14.6

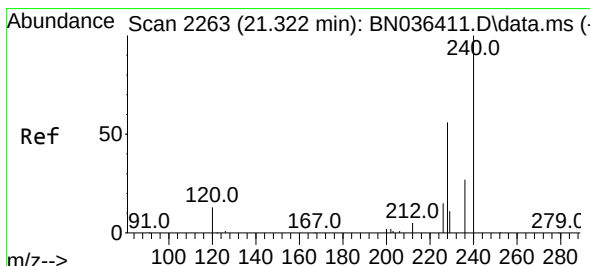
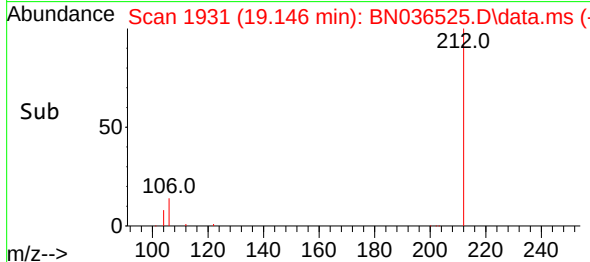
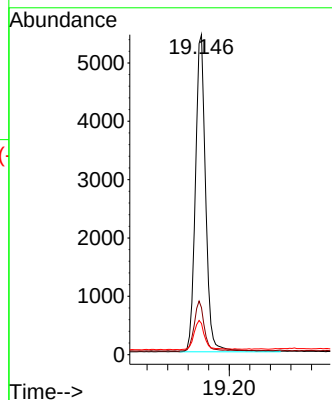
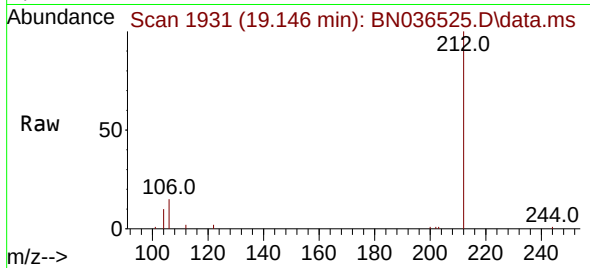




#27
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.146 min Scan# 1936
Delta R.T. 0.005 min
Lab File: BN036525.D
Acq: 05 Mar 2025 15:42

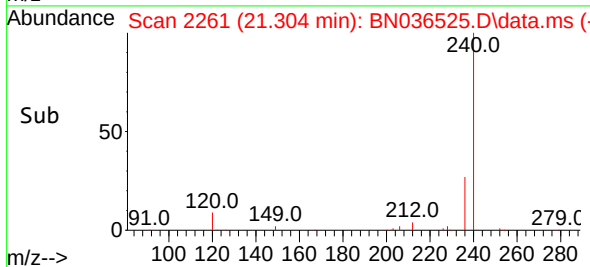
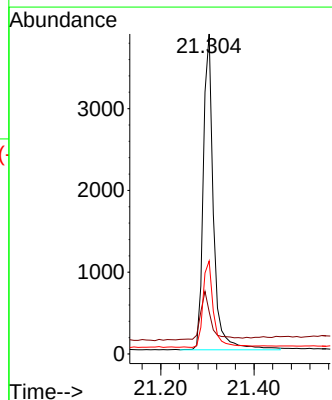
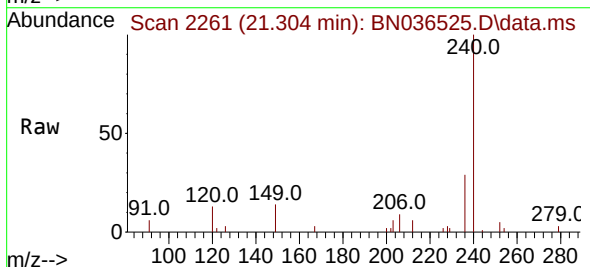
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BNA_N
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PB166992BL

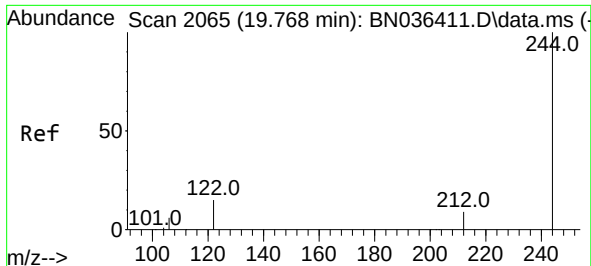
Tgt Ion:212 Resp: 7538
Ion Ratio Lower Upper
212 100
106 15.7 11.5 17.3
104 9.7 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 2261
Delta R.T. 0.009 min
Lab File: BN036525.D
Acq: 05 Mar 2025 15:42

Tgt Ion:240 Resp: 5887
Ion Ratio Lower Upper
240 100
120 13.2 13.3 19.9#
236 29.1 23.0 34.6

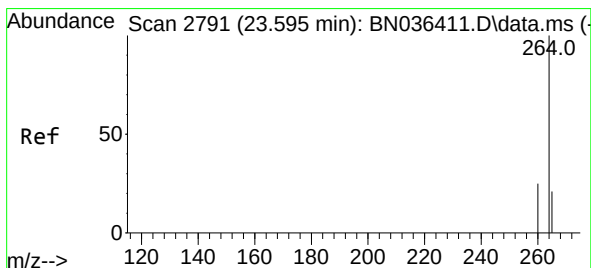
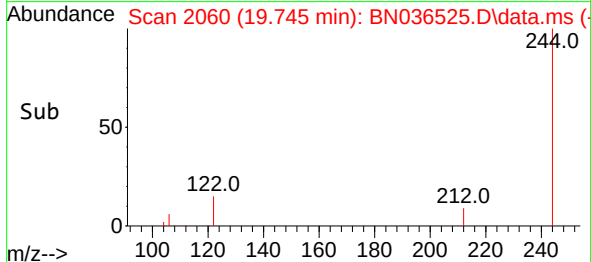
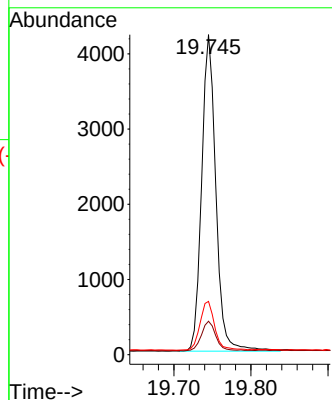
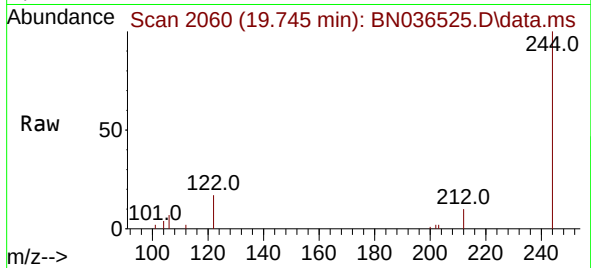




#31
 Terphenyl-d14
 Concen: 0.430 ng
 RT: 19.745 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: BN036525.D
 Acq: 05 Mar 2025 15:42

Instrument :
 BNA_N
 ClientSampleId :
 PB166992BL

Tgt Ion:244 Resp: 5400
 Ion Ratio Lower Upper
 244 100
 212 10.4 8.1 12.1
 122 16.6 12.8 19.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.560 min Scan# 2779
 Delta R.T. 0.009 min
 Lab File: BN036525.D
 Acq: 05 Mar 2025 15:42

Tgt Ion:264 Resp: 5416
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.9 31.3
 265 89.0 60.7 91.1

