

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043025\
 Data File : BN036949.D
 Acq On : 30 Apr 2025 16:28
 Operator : RC/JU
 Sample : Q1886-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250423

Quant Time: Apr 30 16:57:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 15:35:03 2025
 Response via : Initial Calibration

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

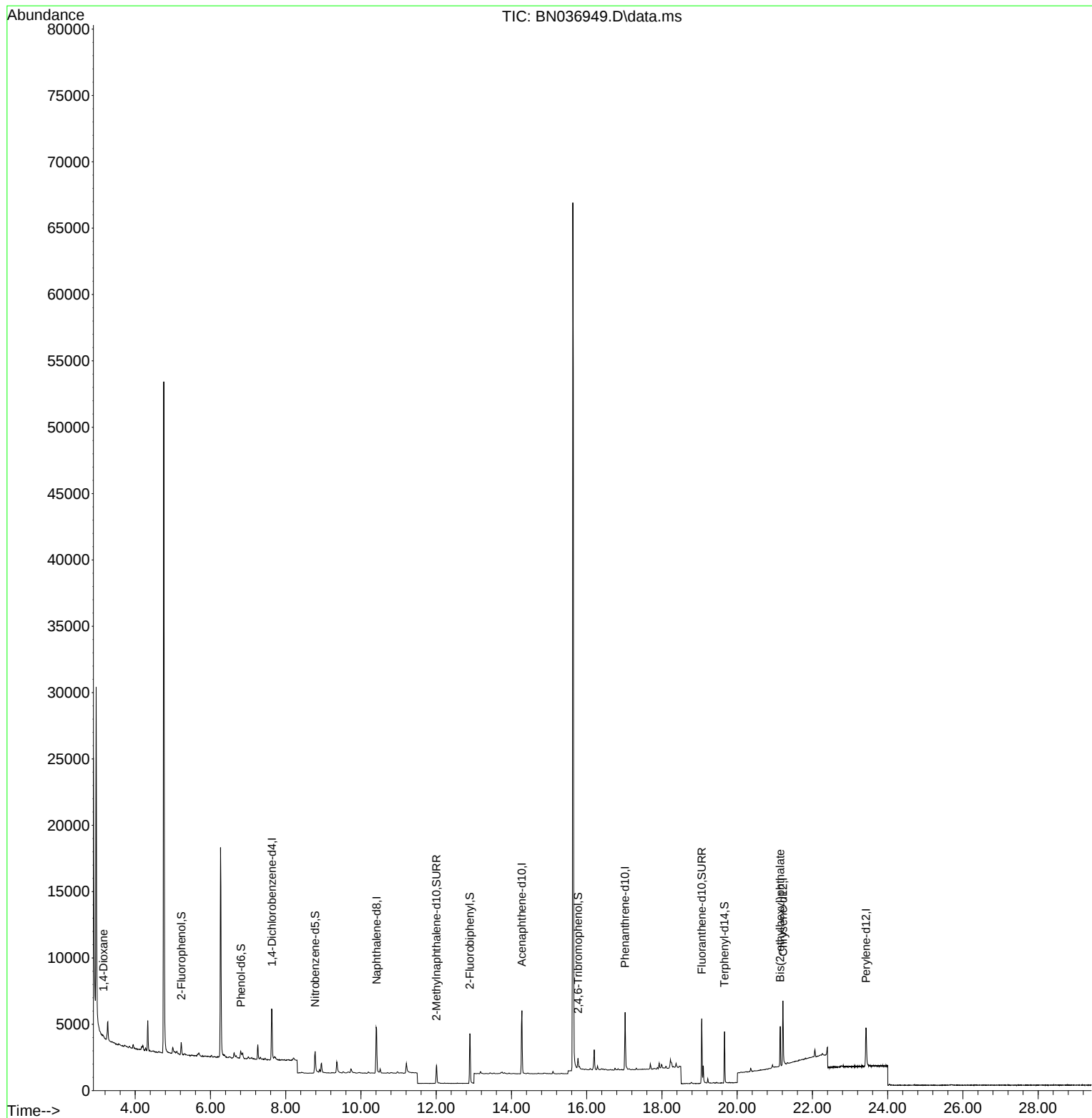
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	1937	0.400	ng	0.00
7) Naphthalene-d8	10.415	136	4854	0.400	ng	0.00
13) Acenaphthene-d10	14.277	164	2711	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	5602	0.400	ng	0.00
29) Chrysene-d12	21.216	240	4527	0.400	ng	0.00
35) Perylene-d12	23.424	264	3928	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	646	0.130	ng	0.00
5) Phenol-d6	6.810	99	452	0.074	ng	0.00
8) Nitrobenzene-d5	8.782	82	1547	0.305	ng	0.00
11) 2-Methylnaphthalene-d10	12.006	152	1965	0.289	ng	0.00
14) 2,4,6-Tribromophenol	15.768	330	407	0.337	ng	0.00
15) 2-Fluorobiphenyl	12.894	172	3453	0.264	ng	0.00
27) Fluoranthene-d10	19.059	212	5322	0.366	ng	0.00
31) Terphenyl-d14	19.663	244	3573	0.334	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.155	88	70	0.029	ng	# 56
34) Bis(2-ethylhexyl)phtha...	21.144	149	2698	0.284	ng	99

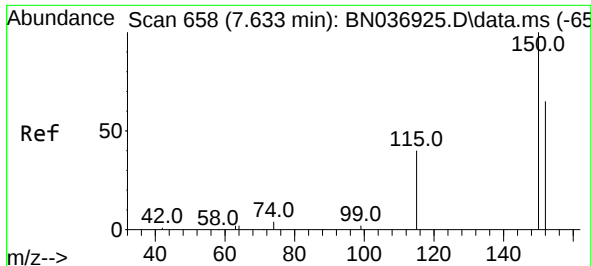
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043025\
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RW5-SP303-20250423

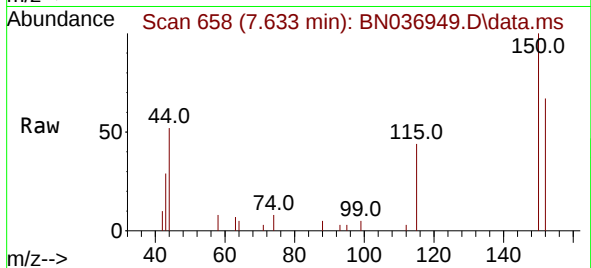
Quant Time: Apr 30 16:57:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 15:35:03 2025
Response via : Initial Calibration



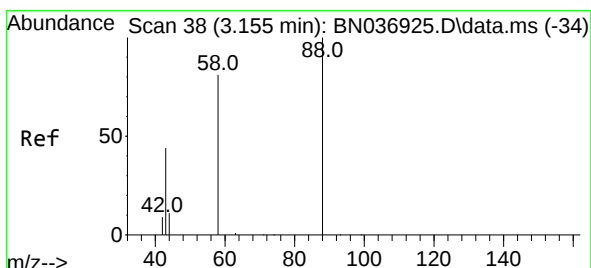
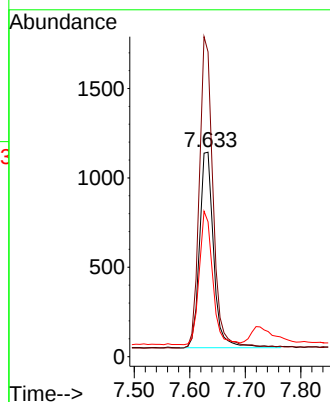
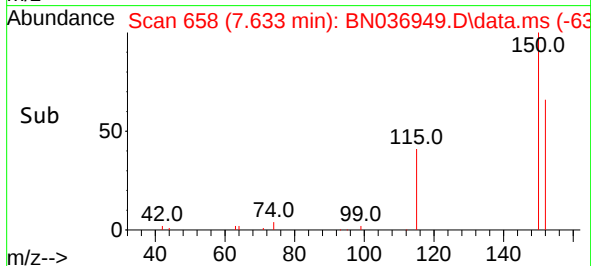


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.633 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN036949.D
 Acq: 30 Apr 2025 16:28

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250423

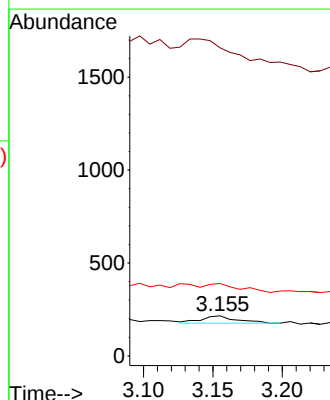
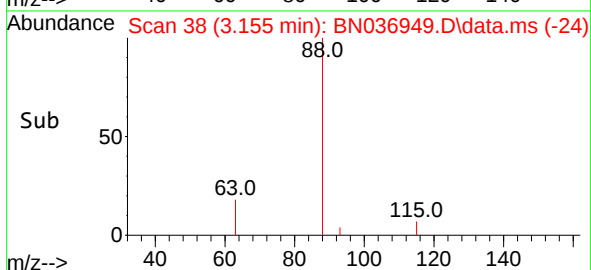
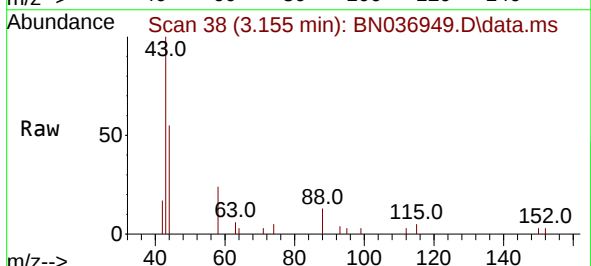


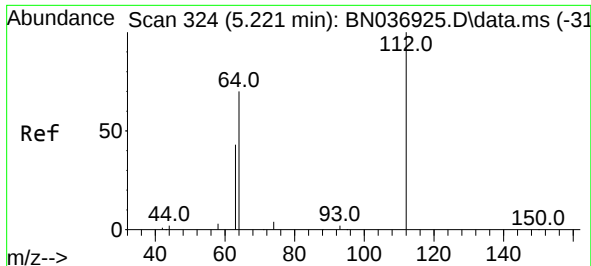
Tgt Ion:152 Resp: 1937
 Ion Ratio Lower Upper
 152 100
 150 149.0 121.1 181.7
 115 65.9 51.8 77.6



#2
 1,4-Dioxane
 Concen: 0.029 ng
 RT: 3.155 min Scan# 38
 Delta R.T. 0.000 min
 Lab File: BN036949.D
 Acq: 30 Apr 2025 16:28

Tgt Ion: 88 Resp: 70
 Ion Ratio Lower Upper
 88 100
 43 0.0 37.9 56.9#
 58 107.1 65.8 98.6#





#4

2-Fluorophenol

Concen: 0.130 ng

RT: 5.228 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN036949.D

Acq: 30 Apr 2025 16:28

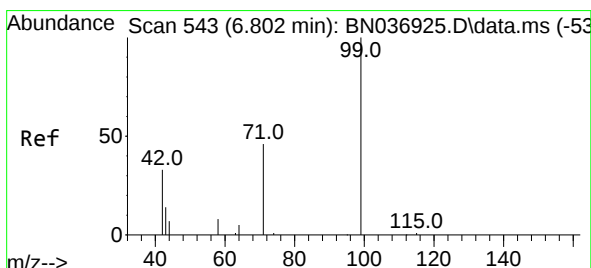
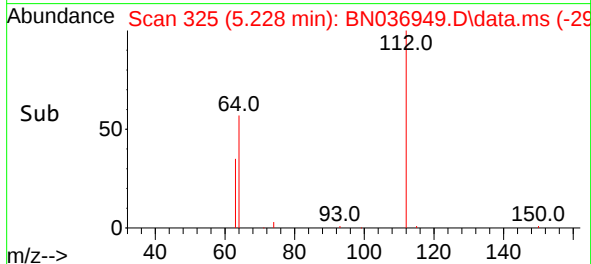
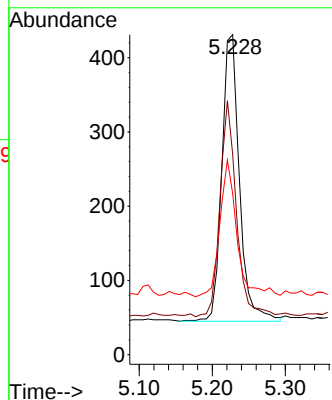
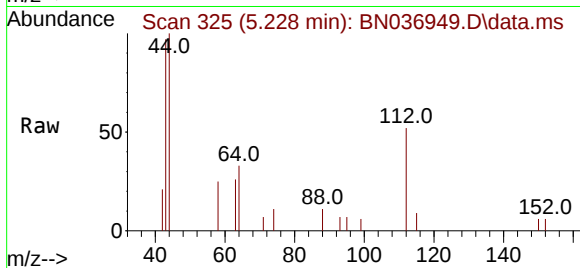
Instrument :

BNA_N

ClientSampleId :

RW5-SP303-20250423

Tgt Ion:	112	Resp:	646
Ion	Ratio	Lower	Upper
112	100		
64	71.2	55.7	83.5
63	46.3	33.9	50.9



#5

Phenol-d6

Concen: 0.074 ng

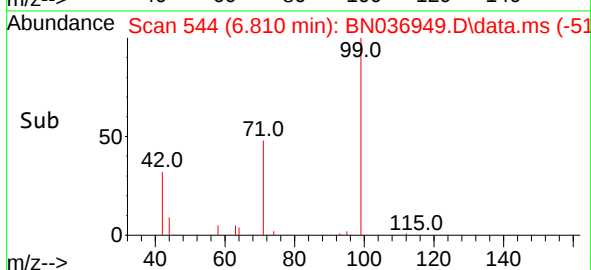
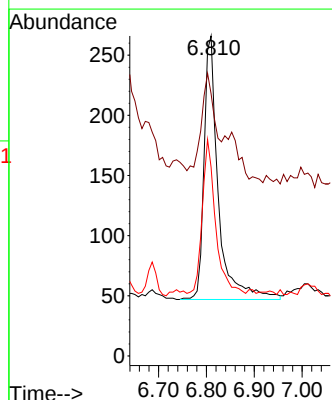
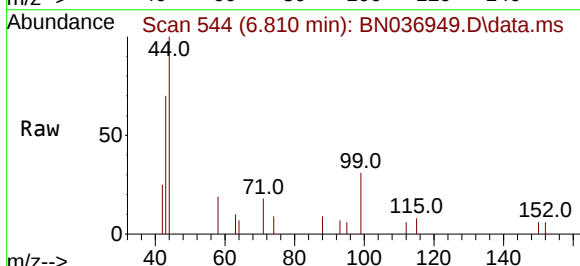
RT: 6.810 min Scan# 544

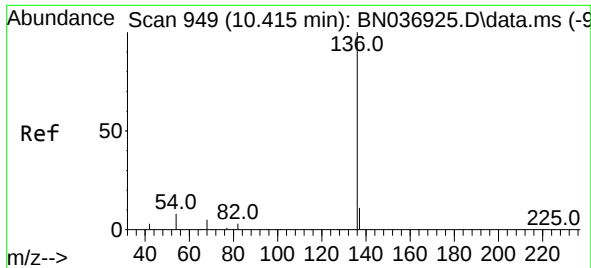
Delta R.T. 0.007 min

Lab File: BN036949.D

Acq: 30 Apr 2025 16:28

Tgt Ion:	99	Resp:	452
Ion	Ratio	Lower	Upper
99	100		
42	34.3	29.6	44.4
71	53.5	36.0	54.0

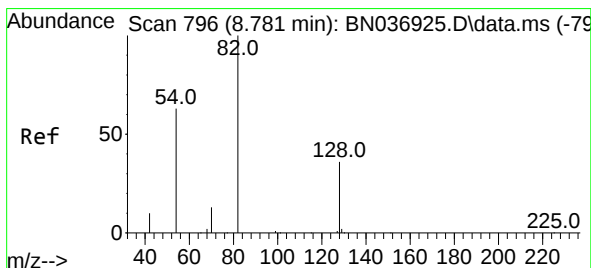
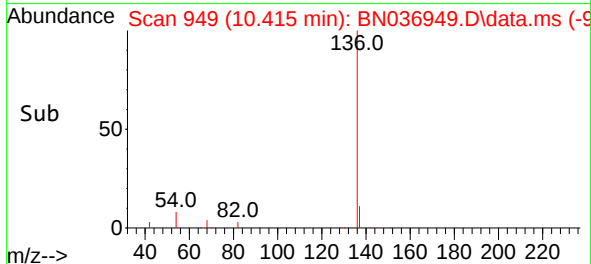
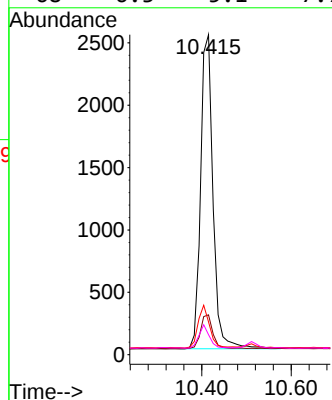
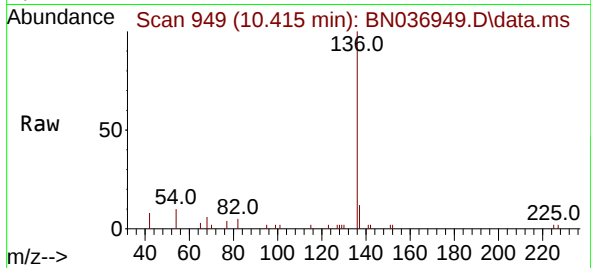




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.415 min Scan# 949
Delta R.T. 0.000 min
Lab File: BN036949.D
Acq: 30 Apr 2025 16:28

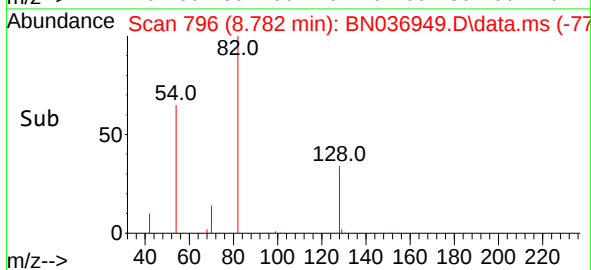
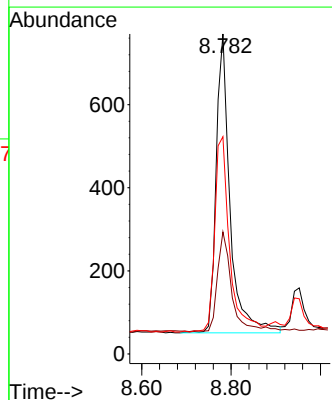
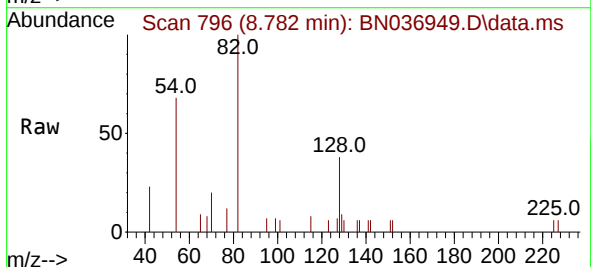
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250423

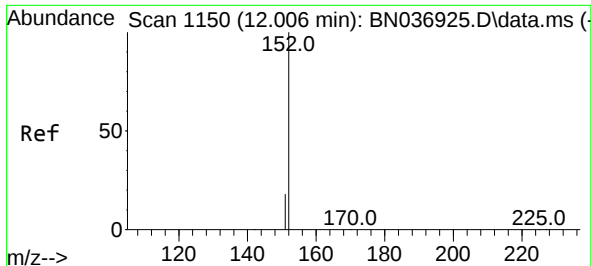
Tgt Ion:	136	Resp:	4854
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.7	14.5
54	10.2	8.0	12.0
68	6.3	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.305 ng
RT: 8.782 min Scan# 796
Delta R.T. 0.000 min
Lab File: BN036949.D
Acq: 30 Apr 2025 16:28

Tgt Ion:	82	Resp:	1547
Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.7	46.1
54	67.9	52.1	78.1





#11

2-Methylnaphthalene-d10

Concen: 0.289 ng

RT: 12.006 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BN036949.D

Acq: 30 Apr 2025 16:28

Instrument :

BNA_N

ClientSampleId :

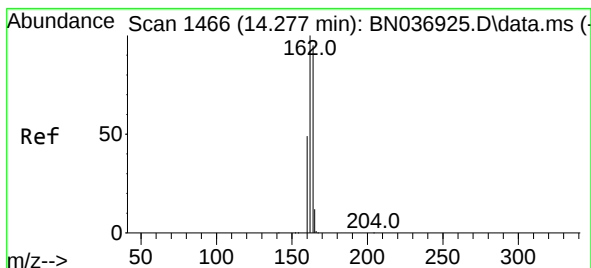
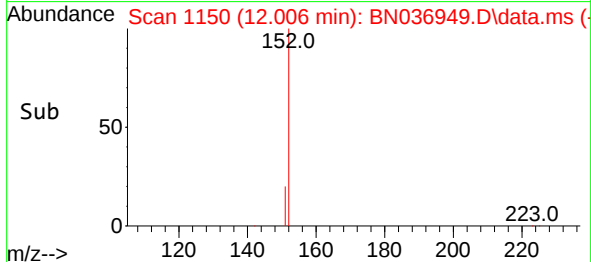
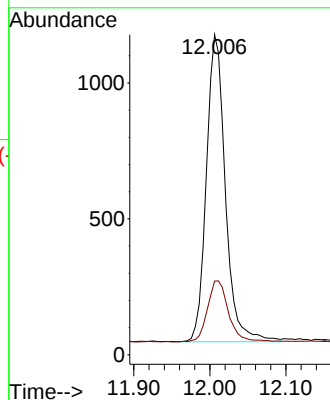
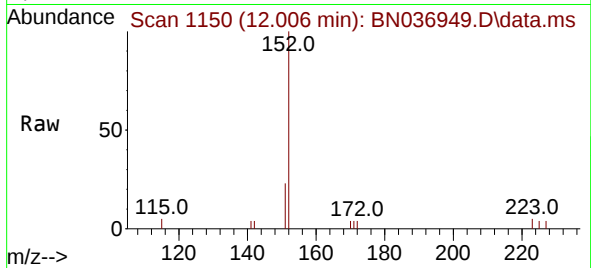
RW5-SP303-20250423

Tgt Ion:152 Resp: 1965

Ion Ratio Lower Upper

152 100

151 22.5 16.9 25.3



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.277 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BN036949.D

Acq: 30 Apr 2025 16:28

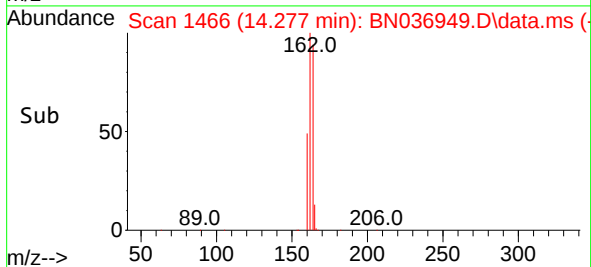
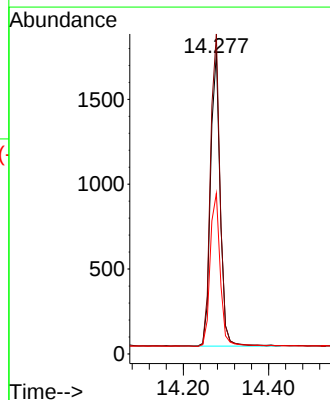
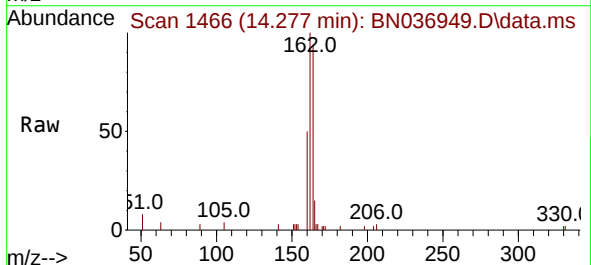
Tgt Ion:164 Resp: 2711

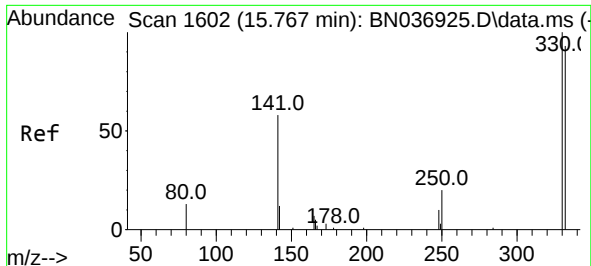
Ion Ratio Lower Upper

164 100

162 106.3 83.8 125.8

160 53.3 42.0 63.0

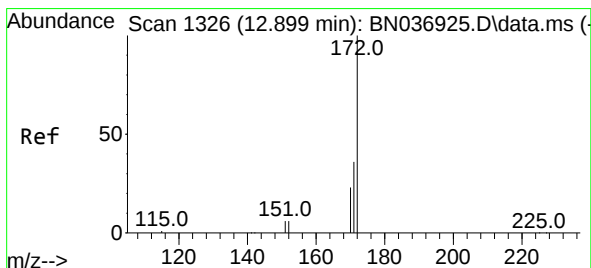
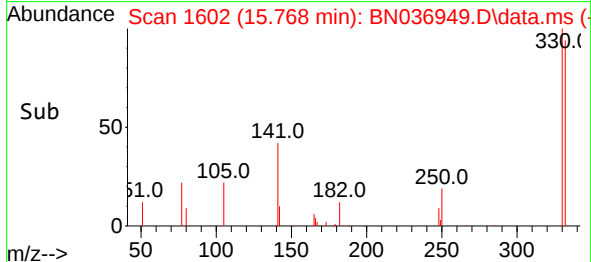
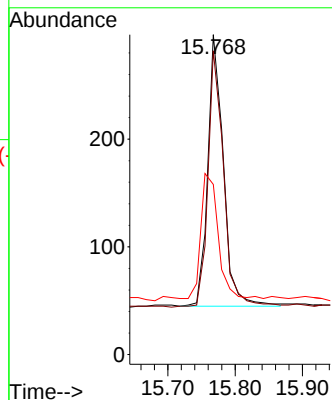
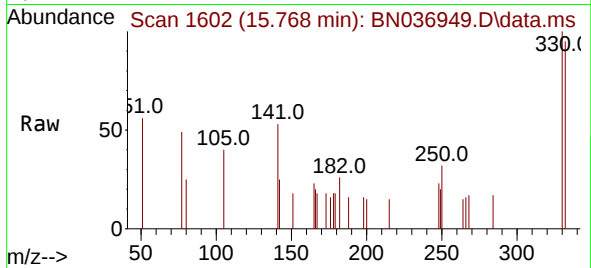




#14
2,4,6-Tribromophenol
Concen: 0.337 ng
RT: 15.768 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036949.D
Acq: 30 Apr 2025 16:28

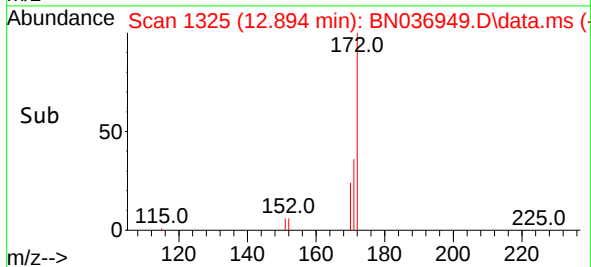
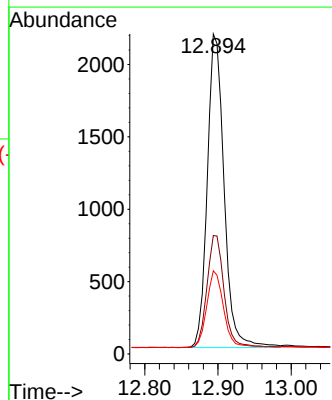
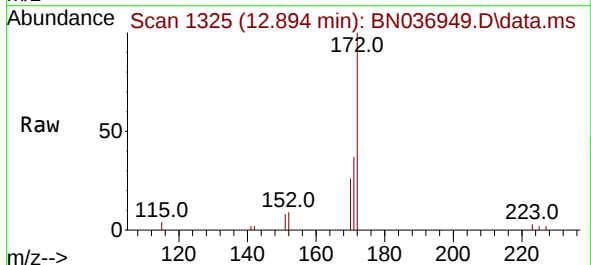
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250423

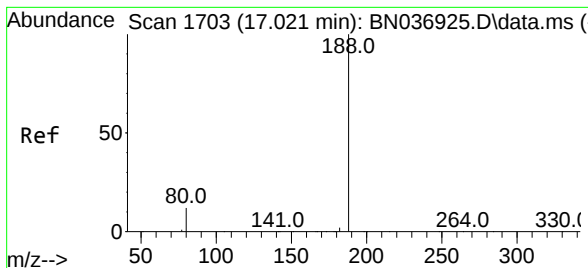
Tgt Ion:330 Resp: 407
Ion Ratio Lower Upper
330 100
332 95.6 76.3 114.5
141 56.0 45.4 68.2



#15
2-Fluorobiphenyl
Concen: 0.264 ng
RT: 12.894 min Scan# 1325
Delta R.T. -0.005 min
Lab File: BN036949.D
Acq: 30 Apr 2025 16:28

Tgt Ion:172 Resp: 3453
Ion Ratio Lower Upper
172 100
171 37.0 29.4 44.0
170 26.0 19.4 29.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.021 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN036949.D

Acq: 30 Apr 2025 16:28

Instrument :

BNA_N

ClientSampleId :

RW5-SP303-20250423

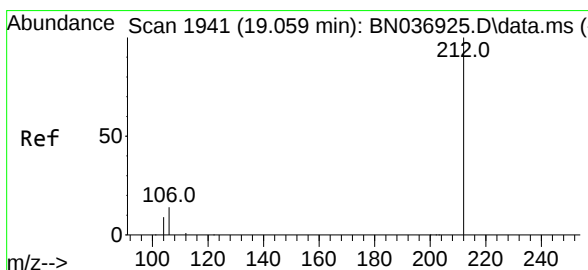
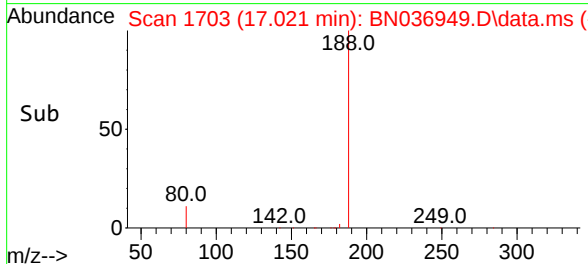
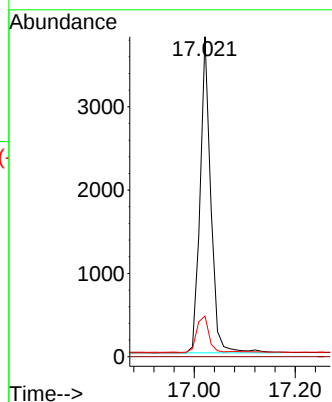
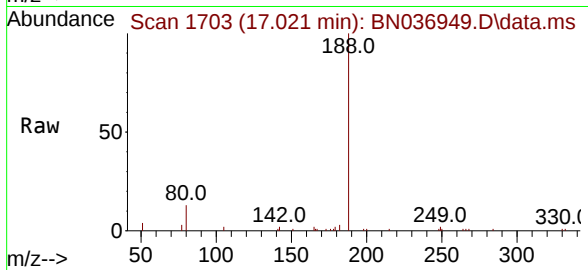
Tgt Ion:188 Resp: 5602

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.7 10.7 16.1



#27

Fluoranthene-d10

Concen: 0.366 ng

RT: 19.059 min Scan# 1941

Delta R.T. 0.000 min

Lab File: BN036949.D

Acq: 30 Apr 2025 16:28

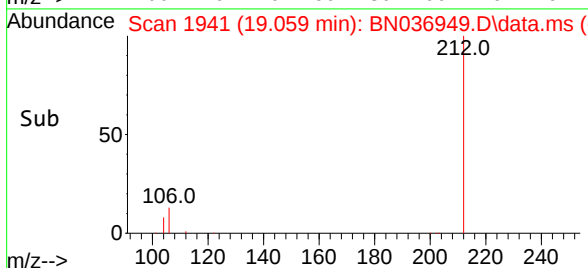
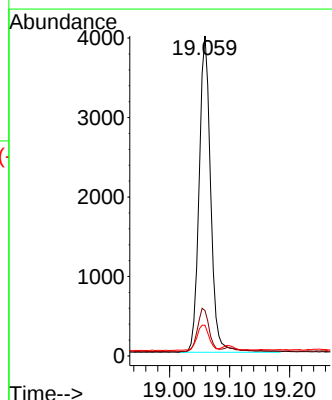
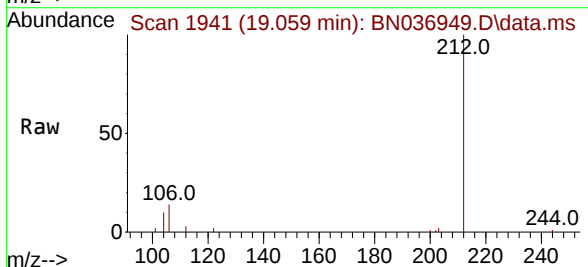
Tgt Ion:212 Resp: 5322

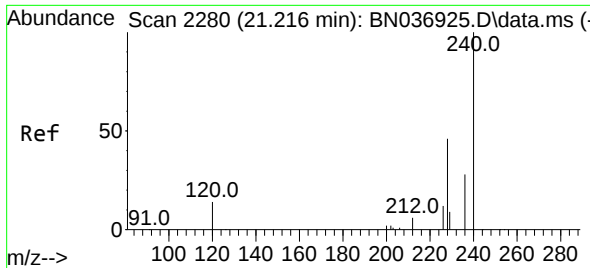
Ion Ratio Lower Upper

212 100

106 13.5 11.6 17.4

104 8.5 7.0 10.4

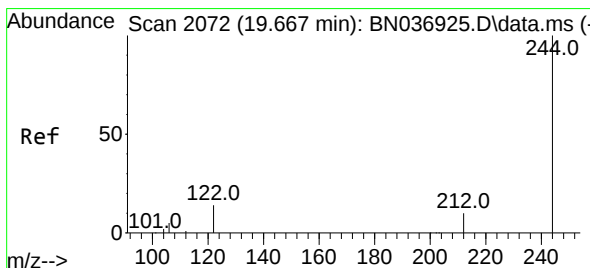
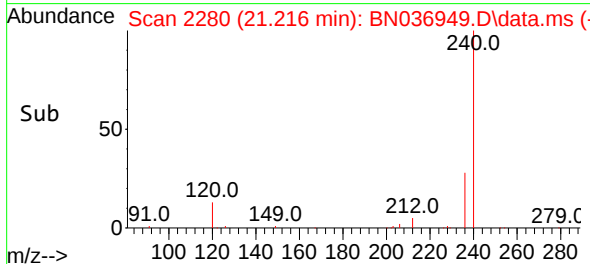
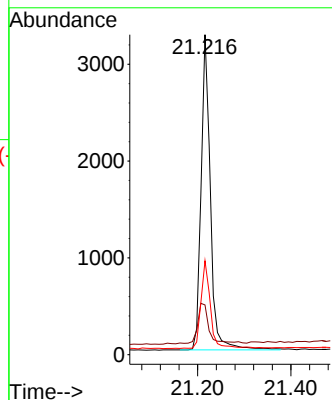
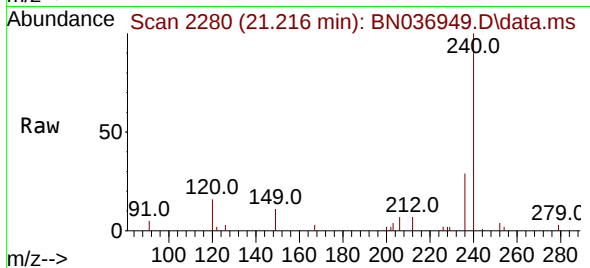




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.216 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036949.D
Acq: 30 Apr 2025 16:28

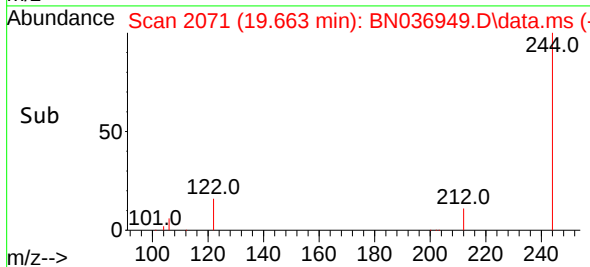
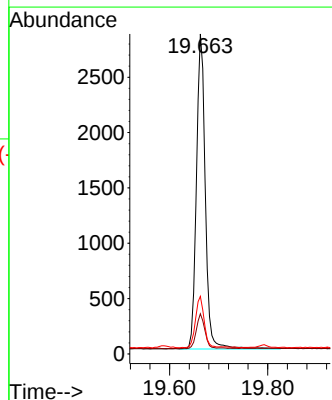
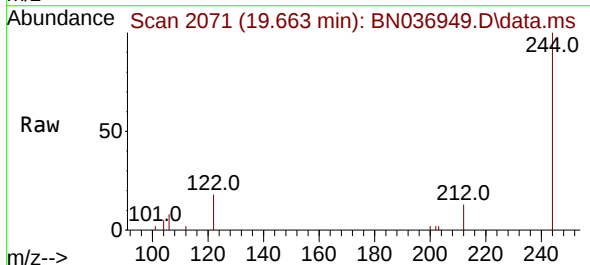
Instrument :
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RW5-SP303-20250423

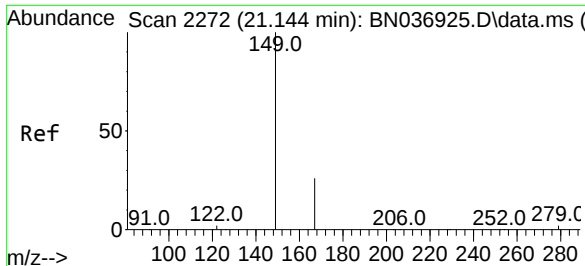
Tgt Ion:240 Resp: 4527
Ion Ratio Lower Upper
240 100
120 15.6 14.1 21.1
236 29.3 23.8 35.8



#31
Terphenyl-d14
Concen: 0.334 ng
RT: 19.663 min Scan# 2071
Delta R.T. -0.005 min
Lab File: BN036949.D
Acq: 30 Apr 2025 16:28

Tgt Ion:244 Resp: 3573
Ion Ratio Lower Upper
244 100
212 12.6 9.6 14.4
122 18.0 12.7 19.1

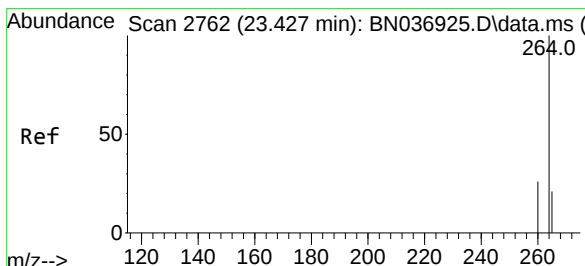
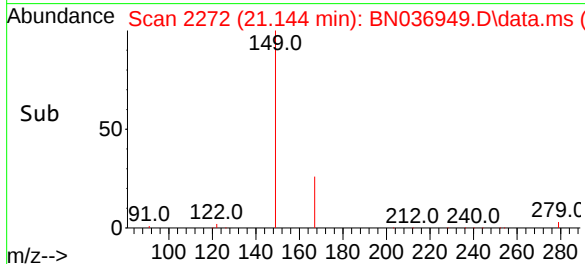
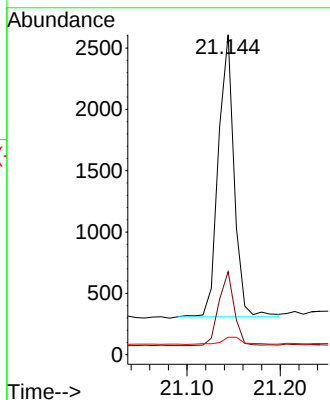
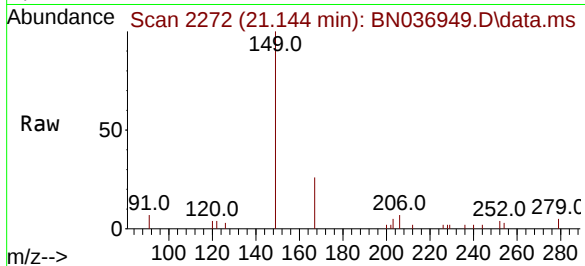




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.284 ng
 RT: 21.144 min Scan# 2114
 Delta R.T. 0.000 min
 Lab File: BN036949.D
 Acq: 30 Apr 2025 16:28

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250423

Tgt Ion:	149	Resp:	2698
Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.0	31.6
279	3.4	2.7	4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.424 min Scan# 2761
 Delta R.T. -0.003 min
 Lab File: BN036949.D
 Acq: 30 Apr 2025 16:28

Tgt Ion:	264	Resp:	3928
Ion	Ratio	Lower	Upper
264	100		
260	27.9	22.2	33.2
265	68.8	65.8	98.6

