

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022425\
 Data File : BN036504.D
 Acq On : 24 Feb 2025 18:50
 Operator : RC/JU
 Sample : Q1402-01DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250219DL

Quant Time: Feb 25 00:14:37 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)

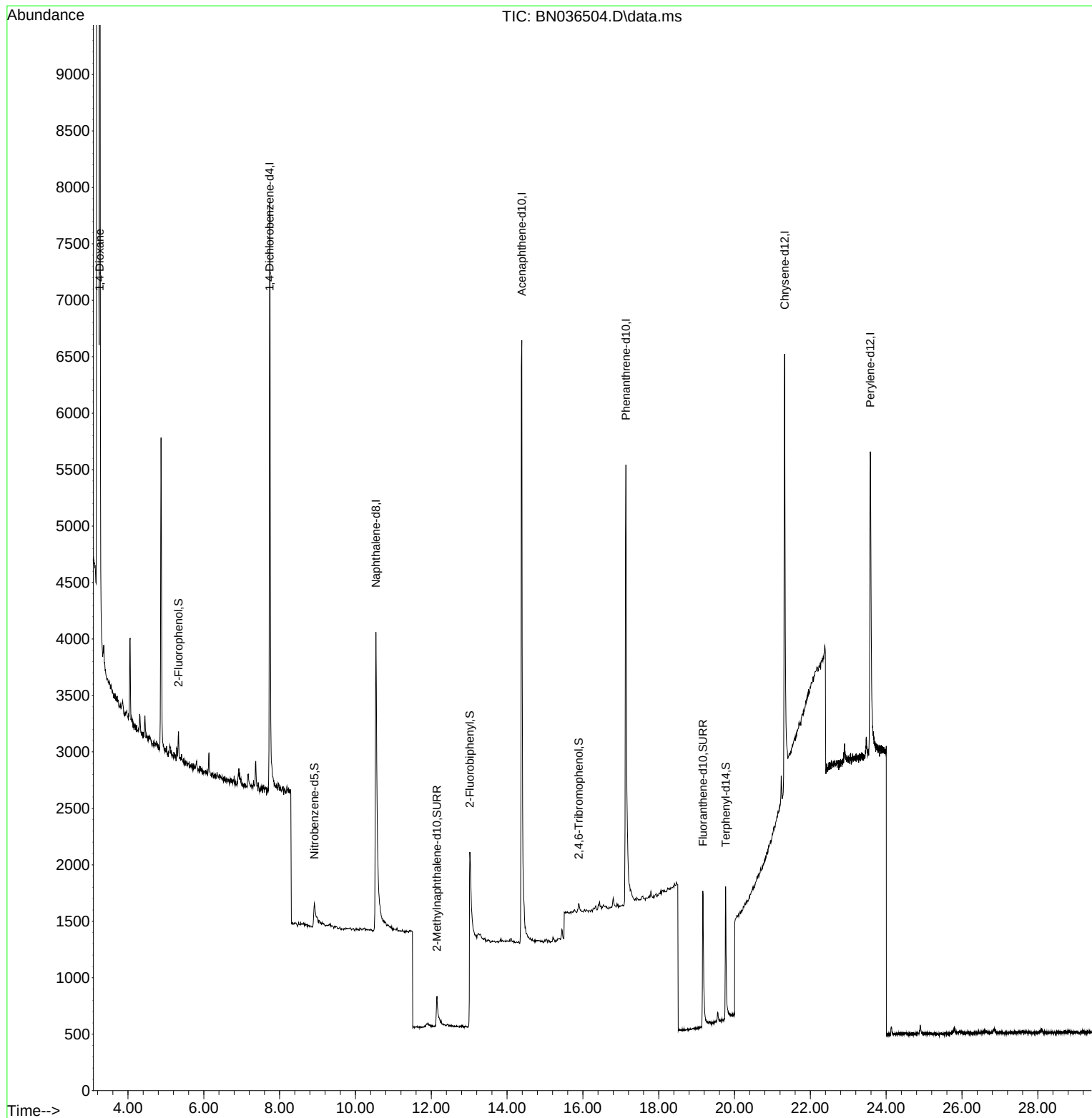
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	2805	0.400	ng	-0.01
7) Naphthalene-d8	10.541	136	6237	0.400	ng	0.00
13) Acenaphthene-d10	14.388	164	4354	0.400	ng	0.00
19) Phenanthrene-d10	17.136	188	8448	0.400	ng	0.00
29) Chrysene-d12	21.322	240	5595	0.400	ng	0.00
35) Perylene-d12	23.584	264	4920	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	195	0.029	ng	-0.01
5) Phenol-d6	6.915	99	139	0.018	ng	-0.02
8) Nitrobenzene-d5	8.918	82	438	0.071	ng	0.01
11) 2-Methylnaphthalene-d10	12.151	152	740	0.077	ng	0.01
14) 2,4,6-Tribromophenol	15.895	330	73	0.034	ng	0.01
15) 2-Fluorobiphenyl	13.019	172	1264	0.077	ng	0.00
27) Fluoranthene-d10	19.164	212	1971	0.084	ng	0.00
31) Terphenyl-d14	19.768	244	1603	0.134	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	4857	1.583	ng	Qvalue 98

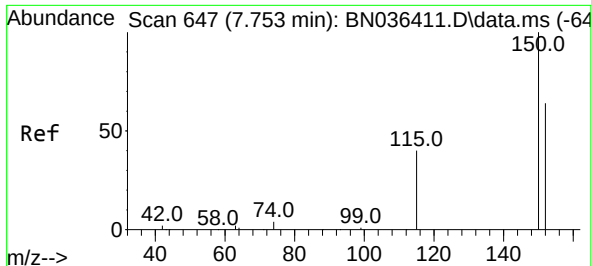
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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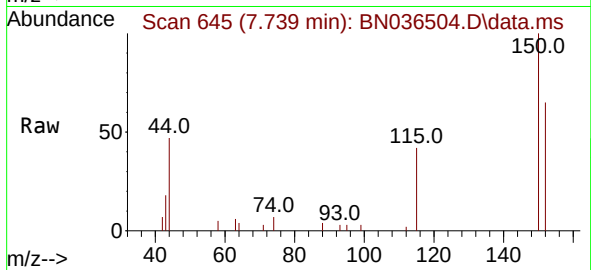
Quant Time: Feb 25 00:14:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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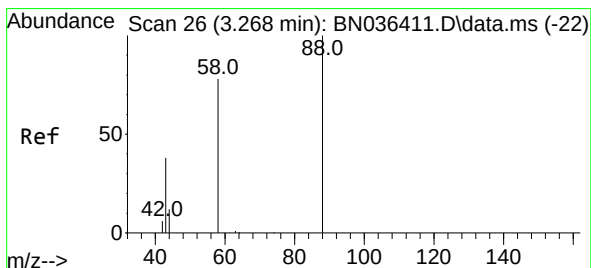
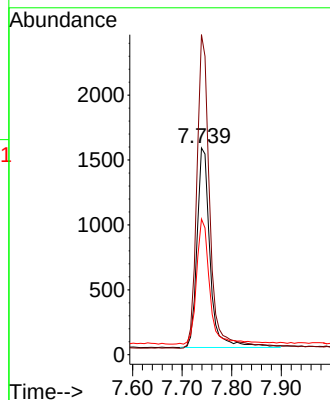
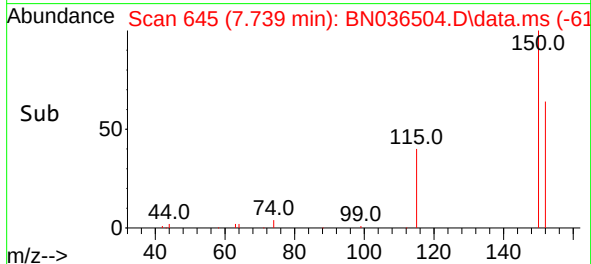


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.739 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN036504.D
 Acq: 24 Feb 2025 18:50

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250219DL

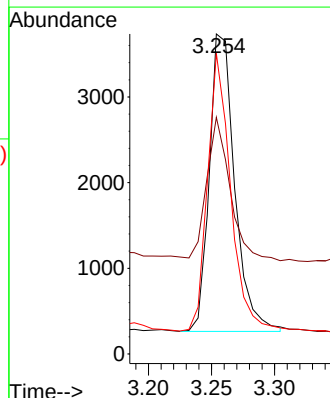
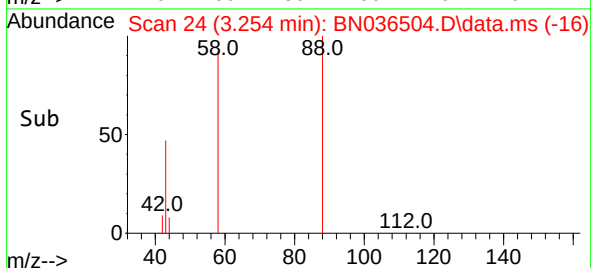
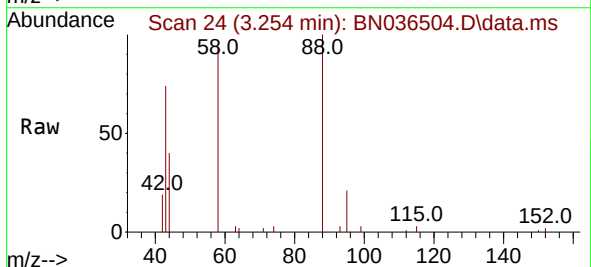


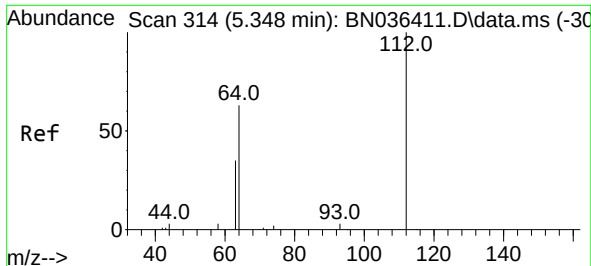
Tgt Ion:152 Resp: 2805
 Ion Ratio Lower Upper
 152 100
 150 154.8 123.7 185.5
 115 65.6 52.5 78.7



#2
 1,4-Dioxane
 Concen: 1.583 ng
 RT: 3.254 min Scan# 24
 Delta R.T. -0.014 min
 Lab File: BN036504.D
 Acq: 24 Feb 2025 18:50

Tgt Ion: 88 Resp: 4857
 Ion Ratio Lower Upper
 88 100
 43 44.5 33.7 50.5
 58 84.8 68.9 103.3





#4

2-Fluorophenol

Concen: 0.029 ng

RT: 5.334 min Scan# 31

Delta R.T. -0.014 min

Lab File: BN036504.D

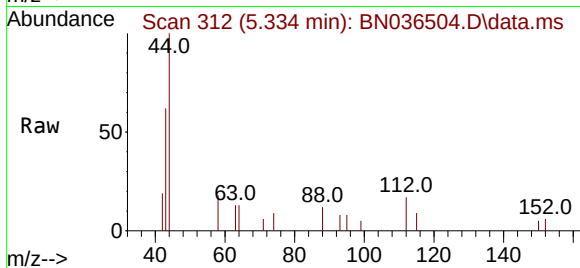
Acq: 24 Feb 2025 18:50

Instrument :

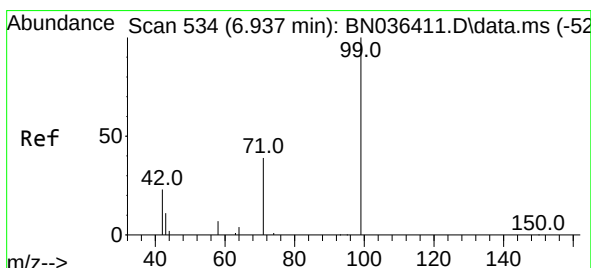
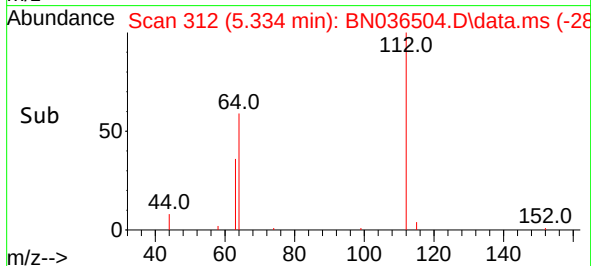
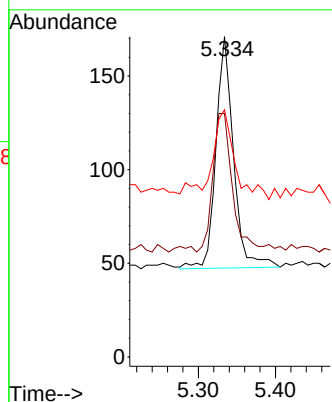
BNA_N

ClientSampleId :

RW5-SP100-20250219DL



Tgt Ion:	112	Resp:	195
Ion	Ratio	Lower	Upper
112	100		
64	70.3	53.4	80.0
63	45.6	30.3	45.5



#5

Phenol-d6

Concen: 0.018 ng

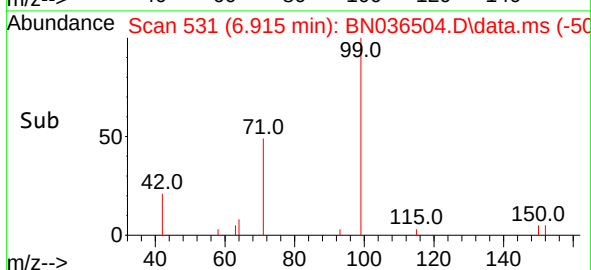
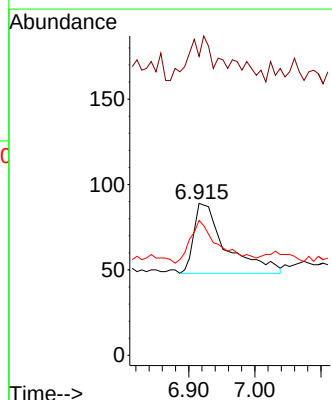
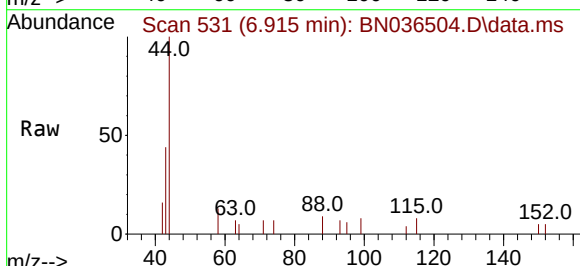
RT: 6.915 min Scan# 531

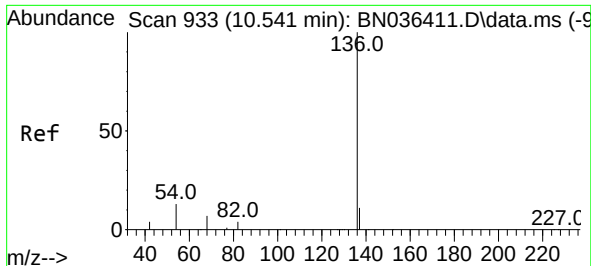
Delta R.T. -0.022 min

Lab File: BN036504.D

Acq: 24 Feb 2025 18:50

Tgt Ion:	99	Resp:	139
Ion	Ratio	Lower	Upper
99	100		
42	23.0	21.7	32.5
71	54.0	32.6	49.0

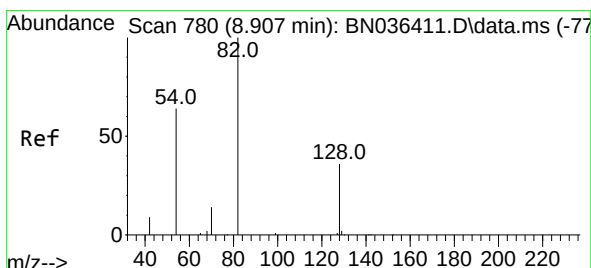
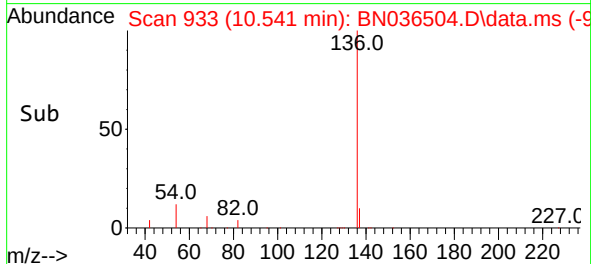
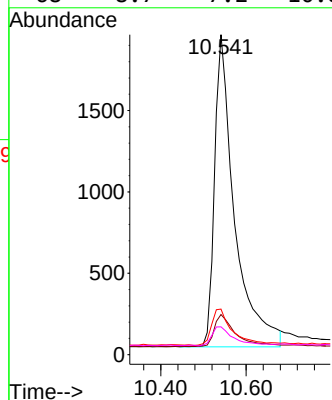
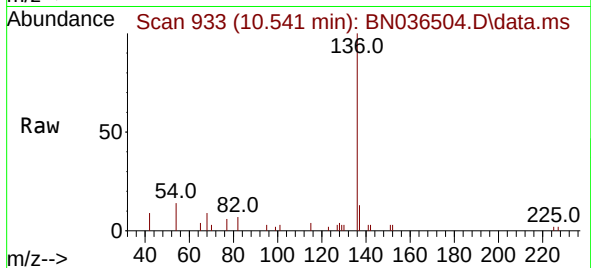




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.541 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN036504.D
Acq: 24 Feb 2025 18:50

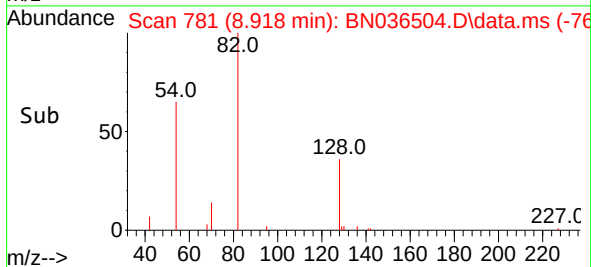
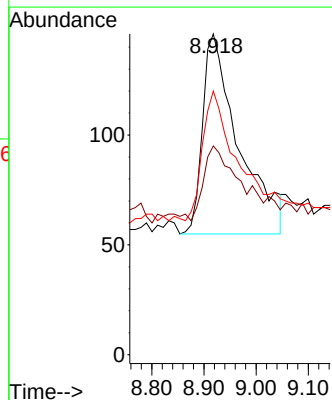
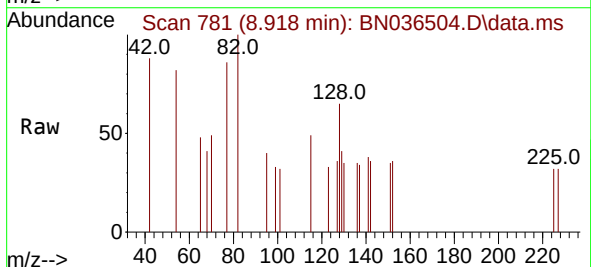
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250219DL

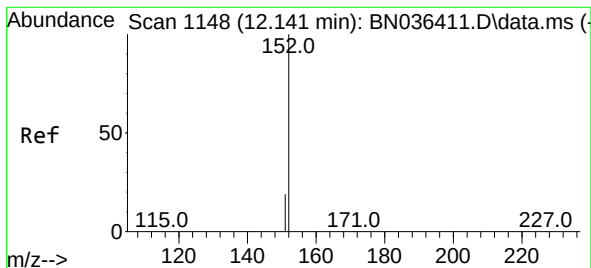
Tgt Ion:	136	Resp:	6237
Ion	Ratio	Lower	Upper
136	100		
137	12.6	10.1	15.1
54	14.2	11.8	17.6
68	8.7	7.2	10.8



#8
Nitrobenzene-d5
Concen: 0.071 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.011 min
Lab File: BN036504.D
Acq: 24 Feb 2025 18:50

Tgt Ion:	82	Resp:	438
Ion	Ratio	Lower	Upper
82	100		
128	65.1	31.9	47.9#
54	82.2	53.1	79.7#

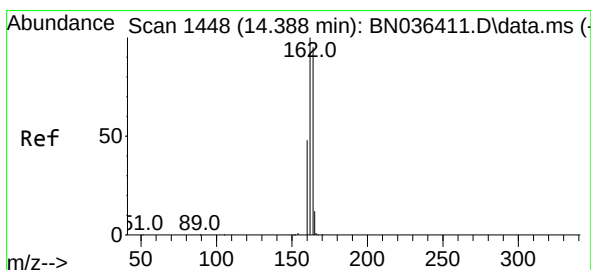
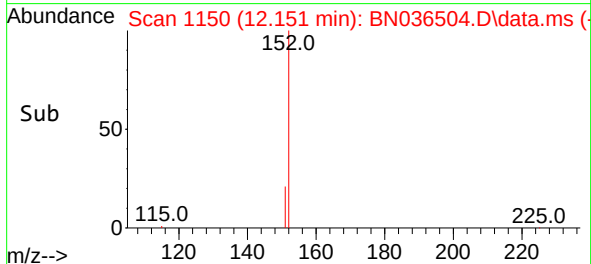
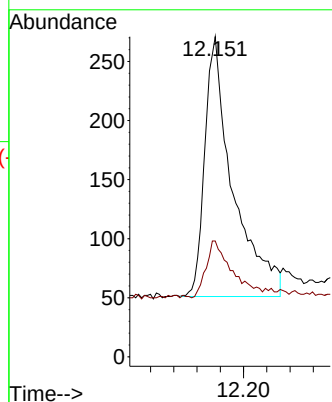
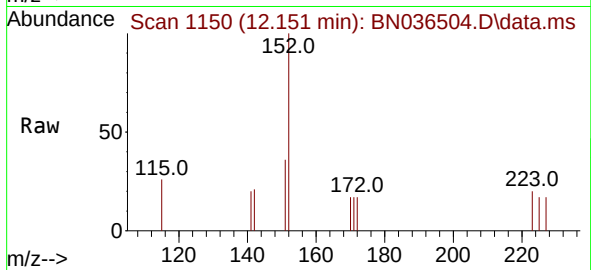




#11
2-Methylnaphthalene-d10
Concen: 0.077 ng
RT: 12.151 min Scan# 1150
Delta R.T. 0.010 min
Lab File: BN036504.D
Acq: 24 Feb 2025 18:50

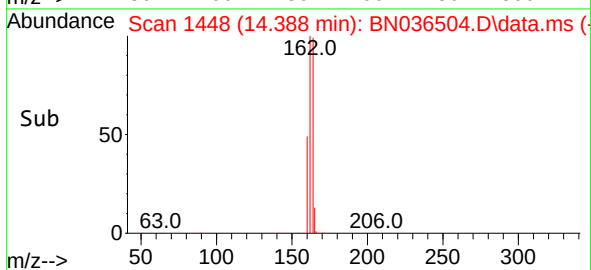
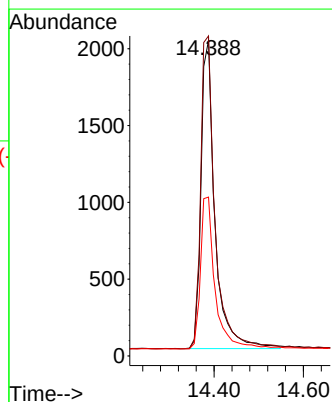
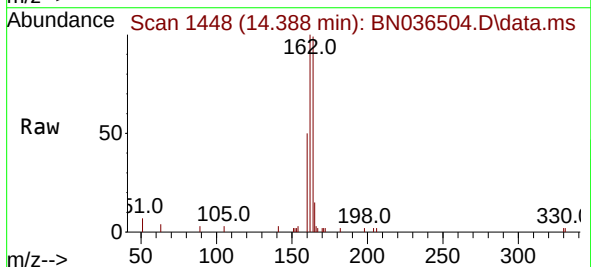
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250219DL

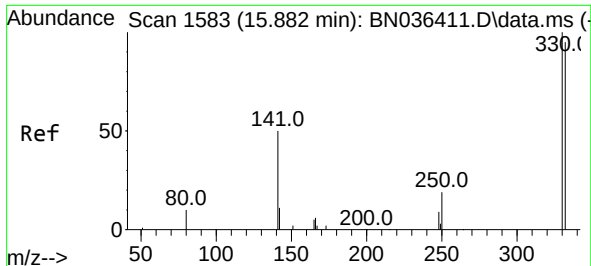
Tgt Ion:152 Resp: 740
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BN036504.D
Acq: 24 Feb 2025 18:50

Tgt Ion:164 Resp: 4354
Ion Ratio Lower Upper
164 100
162 101.4 84.1 126.1
160 50.3 41.4 62.0

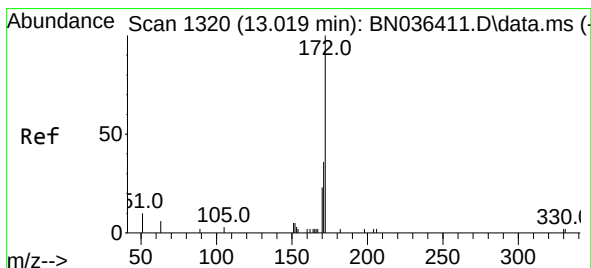
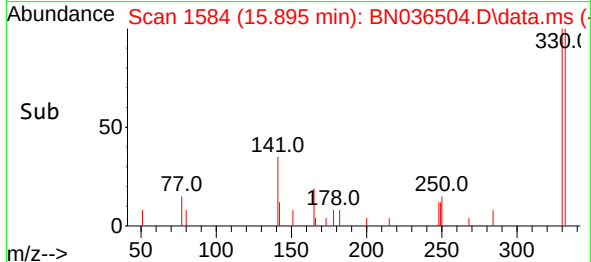
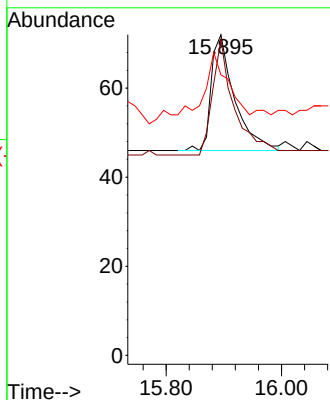
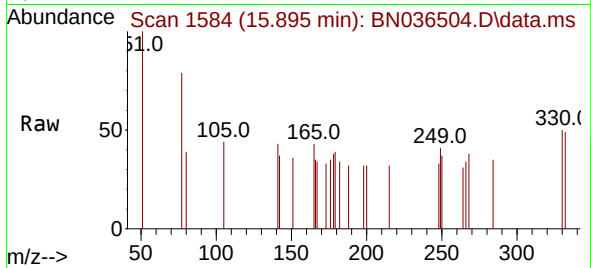




#14
2,4,6-Tribromophenol
Concen: 0.034 ng
RT: 15.895 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN036504.D
Acq: 24 Feb 2025 18:50

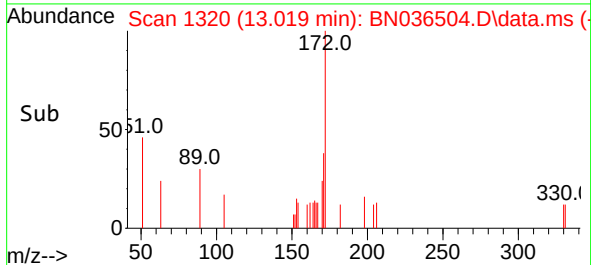
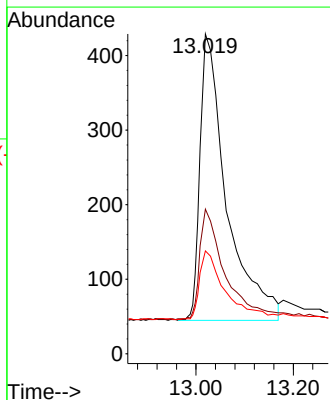
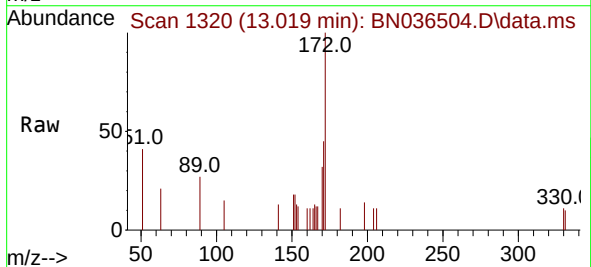
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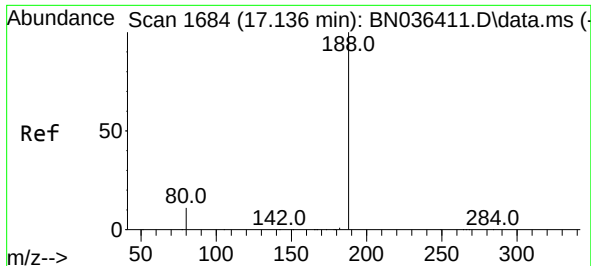
Tgt Ion:330 Resp: 73
Ion Ratio Lower Upper
330 100
332 95.9 76.6 114.8
141 80.8 37.8 56.8#



#15
2-Fluorobiphenyl
Concen: 0.077 ng
RT: 13.019 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BN036504.D
Acq: 24 Feb 2025 18:50

Tgt Ion:172 Resp: 1264
Ion Ratio Lower Upper
172 100
171 45.2 29.6 44.4#
170 32.2 19.8 29.6#

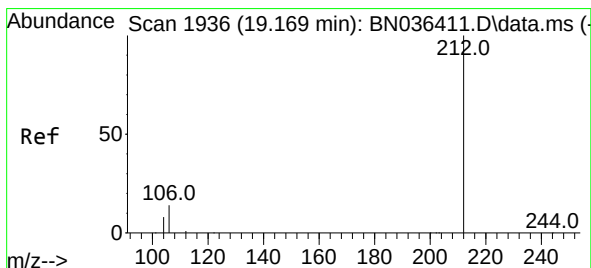
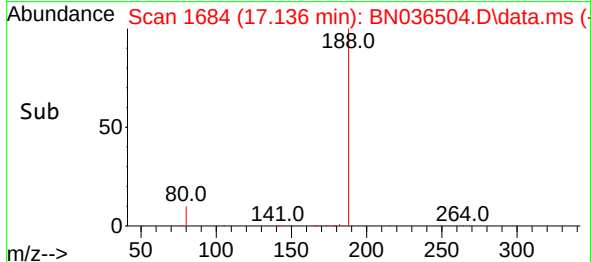
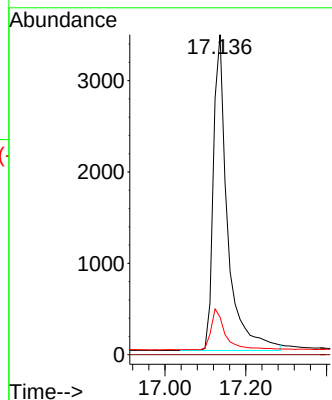
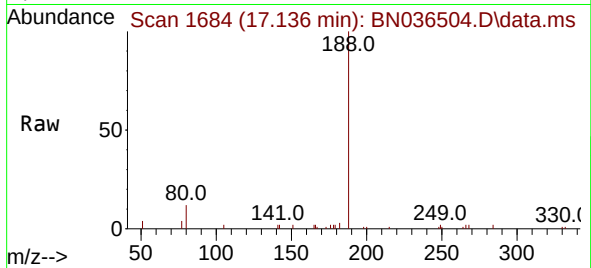




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.000 min
Lab File: BN036504.D
Acq: 24 Feb 2025 18:50

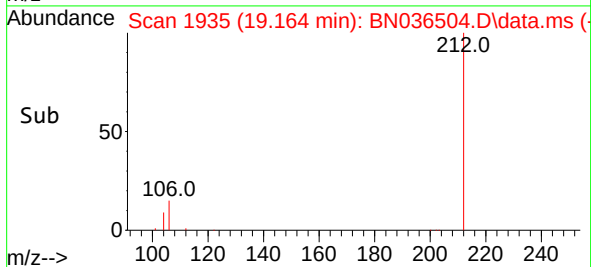
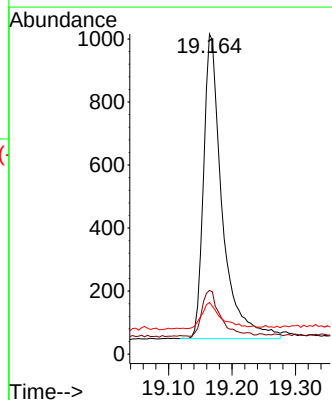
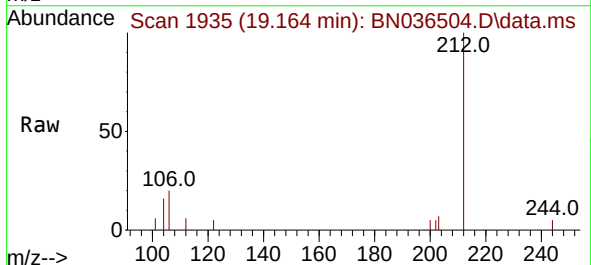
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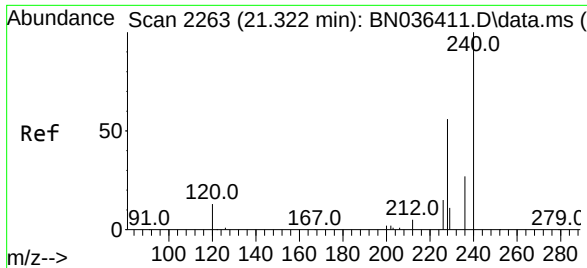
Tgt Ion:188 Resp: 8448
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 9.8 14.6



#27
Fluoranthene-d10
Concen: 0.084 ng
RT: 19.164 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BN036504.D
Acq: 24 Feb 2025 18:50

Tgt Ion:212 Resp: 1971
Ion Ratio Lower Upper
212 100
106 14.9 11.5 17.3
104 9.2 7.1 10.7

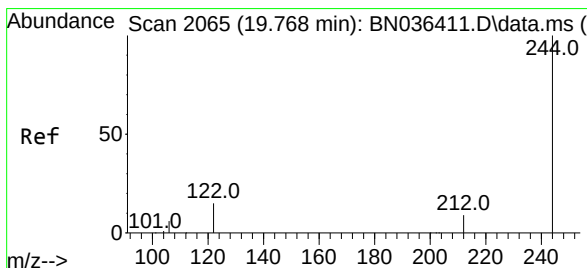
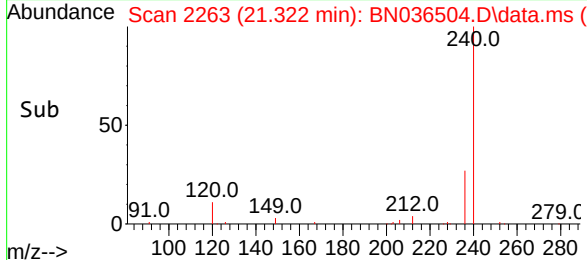
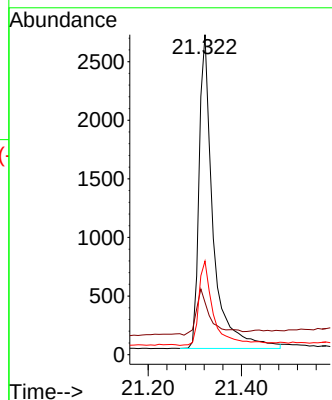
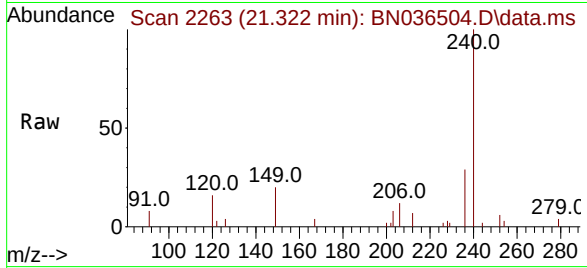




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.322 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN036504.D
Acq: 24 Feb 2025 18:50

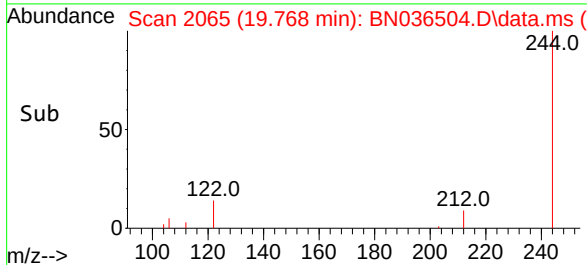
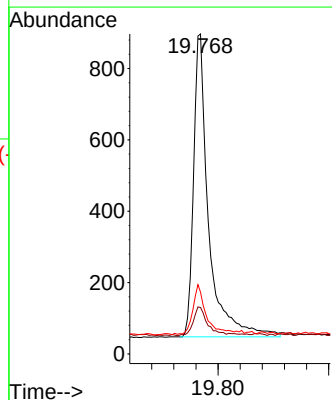
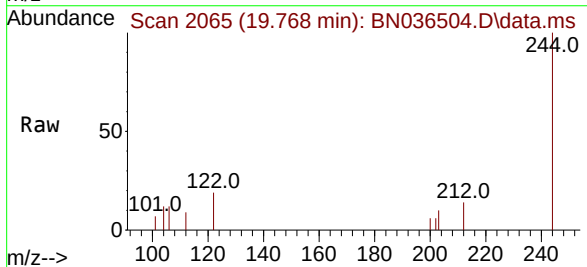
Instrument :
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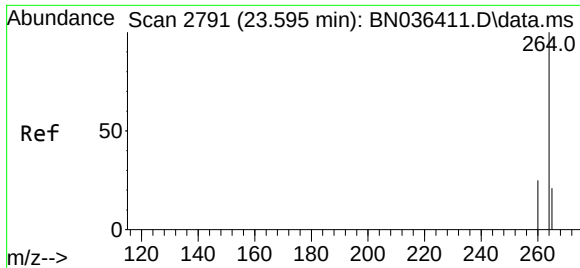
Tgt Ion:240 Resp: 5595
Ion Ratio Lower Upper
240 100
120 16.3 13.3 19.9
236 29.3 23.0 34.6



#31
Terphenyl-d14
Concen: 0.134 ng
RT: 19.768 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN036504.D
Acq: 24 Feb 2025 18:50

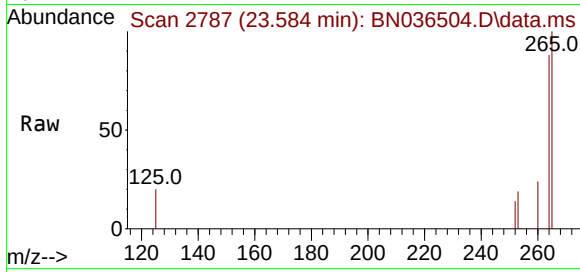
Tgt Ion:244 Resp: 1603
Ion Ratio Lower Upper
244 100
212 14.5 8.1 12.1#
122 19.3 12.8 19.2#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.584 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN036504.D
Acq: 24 Feb 2025 18:50

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250219DL



Tgt Ion:264 Resp: 4920

Ion	Ratio	Lower	Upper
264	100		
260	27.2	20.9	31.3
265	113.8	60.7	91.1#

