

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030525\
 Data File : BN036527.D
 Acq On : 05 Mar 2025 16:54
 Operator : RC/JU
 Sample : Q1477-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20250228

Quant Time: Mar 05 17:18:53 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)

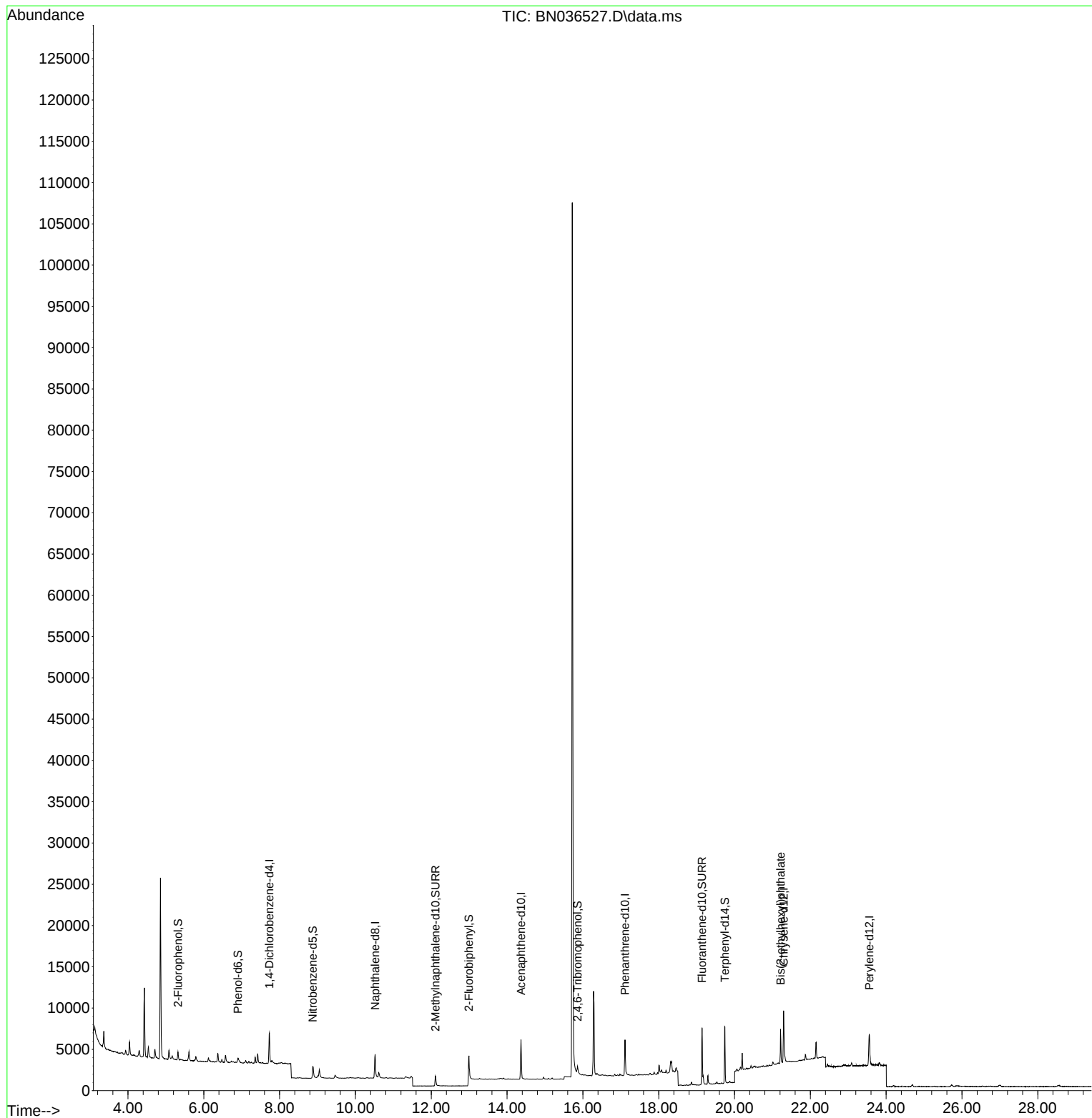
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	1905	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	4453	0.400	ng	0.01
13) Acenaphthene-d10	14.366	164	2798	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	6074	0.400	ng	0.00
29) Chrysene-d12	21.295	240	6274	0.400	ng	0.00
35) Perylene-d12	23.554	264	5876	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	702	0.156	ng	0.00
5) Phenol-d6	6.901	99	486	0.092	ng	0.00
8) Nitrobenzene-d5	8.875	82	1511	0.344	ng	0.00
11) 2-Methylnaphthalene-d10	12.111	152	2095	0.306	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	521	0.376	ng	0.00
15) 2-Fluorobiphenyl	12.993	172	5283	0.502	ng	0.00
27) Fluoranthene-d10	19.141	212	7958	0.471	ng	0.00
31) Terphenyl-d14	19.745	244	6711	0.501	ng	0.00
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	21.214	149	3964	0.308	ng	# 97

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

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BNA_N
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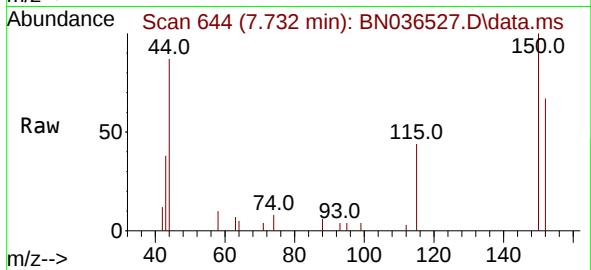
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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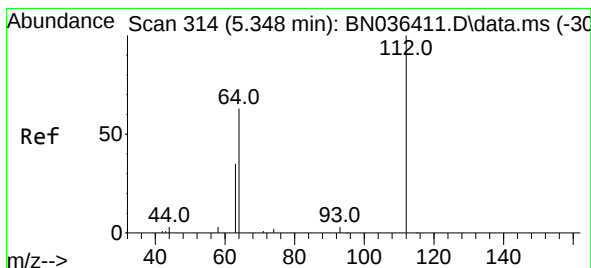
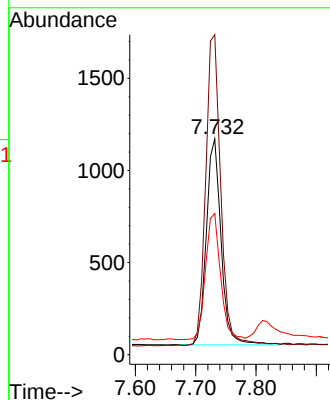
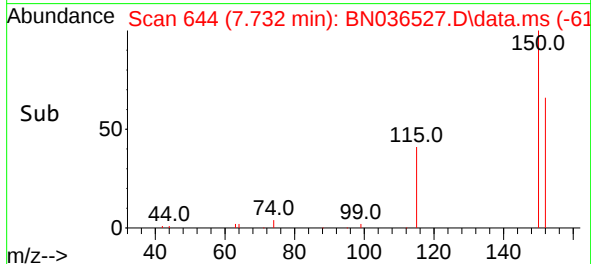


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.732 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN036527.D
Acq: 05 Mar 2025 16:54

Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250228

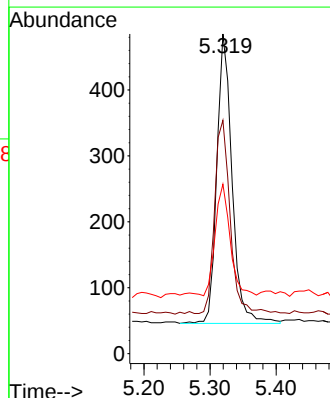
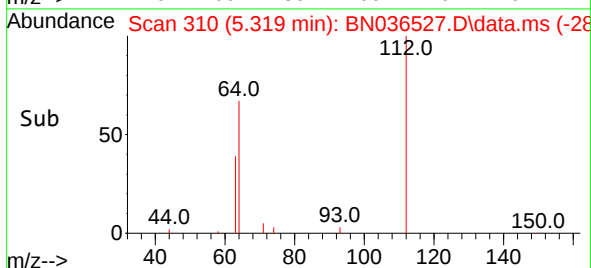
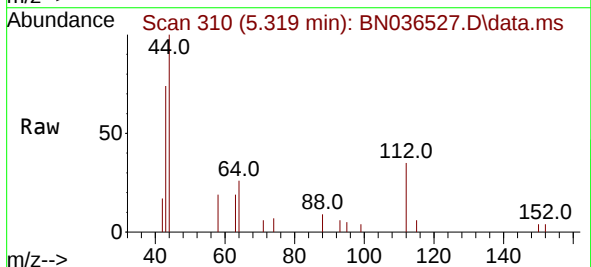


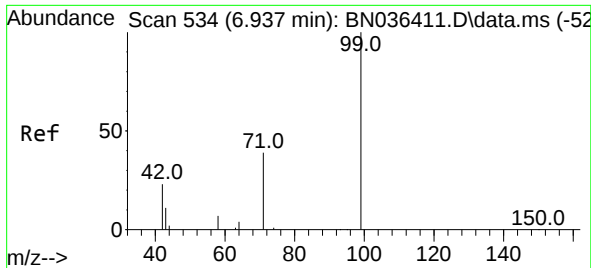
Tgt Ion:152 Resp: 1905
Ion Ratio Lower Upper
152 100
150 148.2 123.7 185.5
115 65.4 52.5 78.7



#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.319 min Scan# 310
Delta R.T. -0.000 min
Lab File: BN036527.D
Acq: 05 Mar 2025 16:54

Tgt Ion:112 Resp: 702
Ion Ratio Lower Upper
112 100
64 68.1 53.4 80.0
63 38.9 30.3 45.5

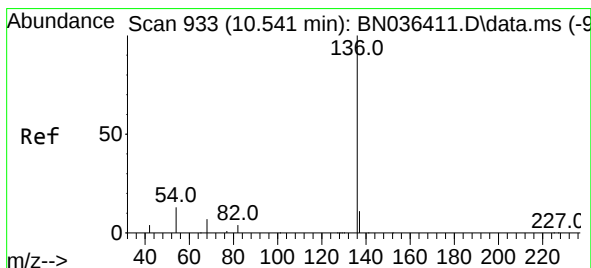
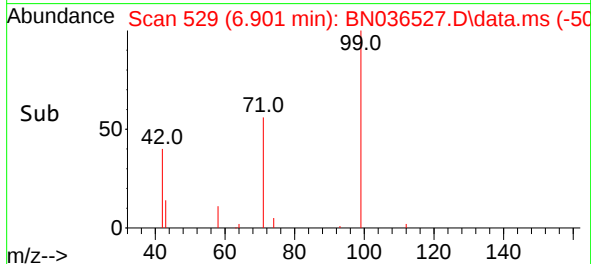
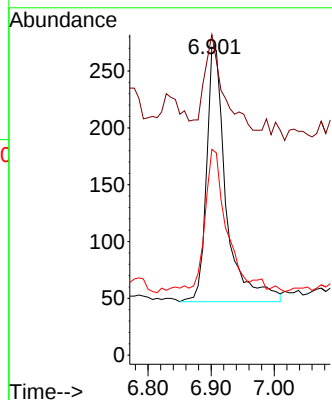
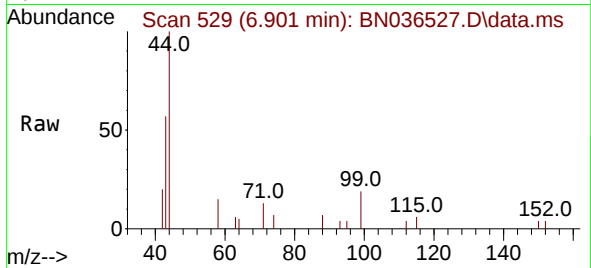




#5
Phenol-d6
Concen: 0.092 ng
RT: 6.901 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN036527.D
Acq: 05 Mar 2025 16:54

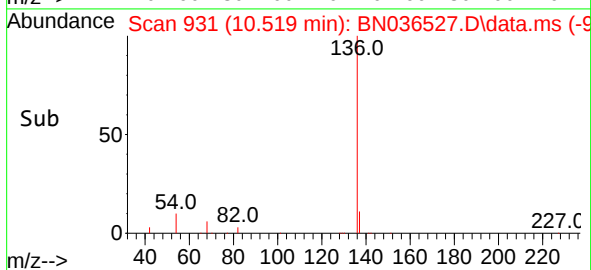
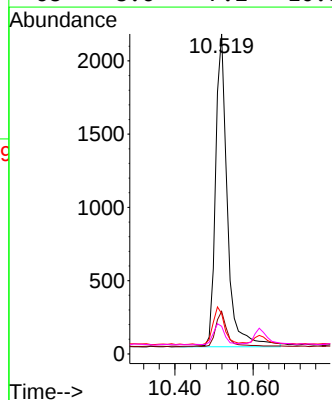
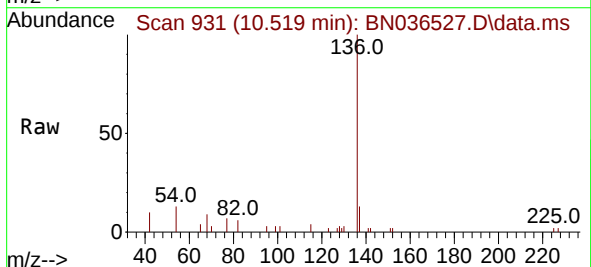
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BNA_N
ClientSampleId :
RW7-SP201-20250228

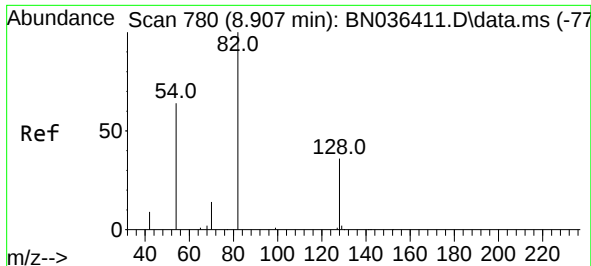
Tgt Ion: 99 Resp: 486
Ion Ratio Lower Upper
99 100
42 36.0 21.7 32.5#
71 62.1 32.6 49.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. 0.011 min
Lab File: BN036527.D
Acq: 05 Mar 2025 16:54

Tgt Ion: 136 Resp: 4453
Ion Ratio Lower Upper
136 100
137 13.3 10.1 15.1
54 12.6 11.8 17.6
68 8.6 7.2 10.8

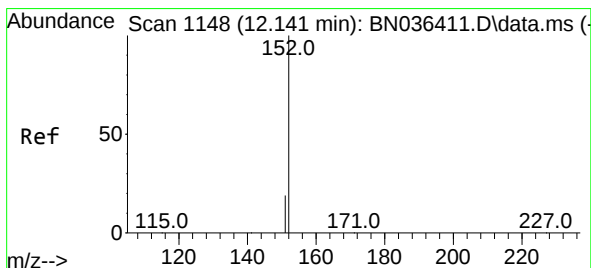
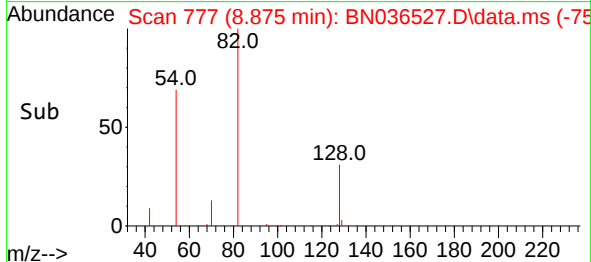
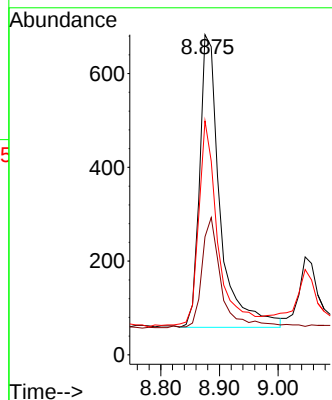
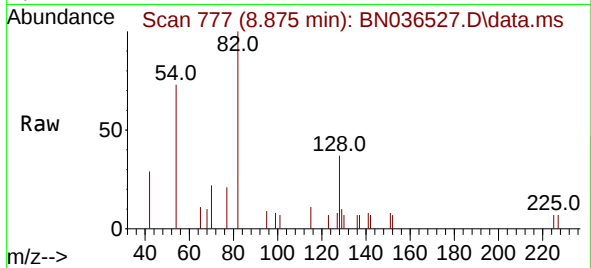




#8
Nitrobenzene-d5
Concen: 0.344 ng
RT: 8.875 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN036527.D
Acq: 05 Mar 2025 16:54

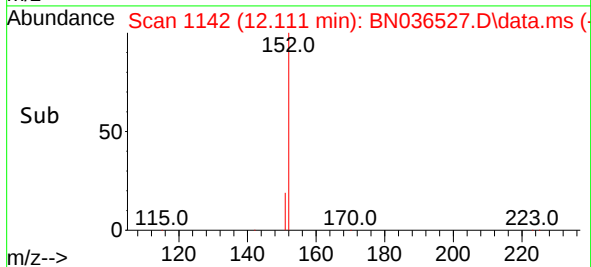
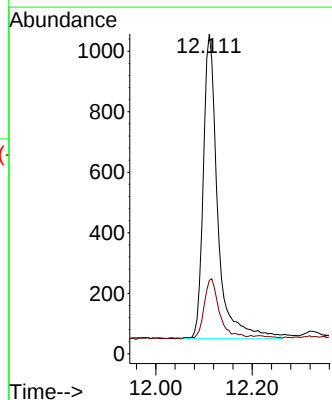
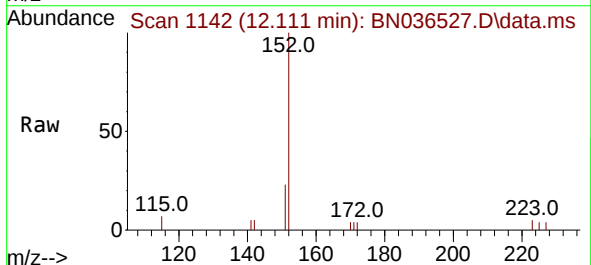
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250228

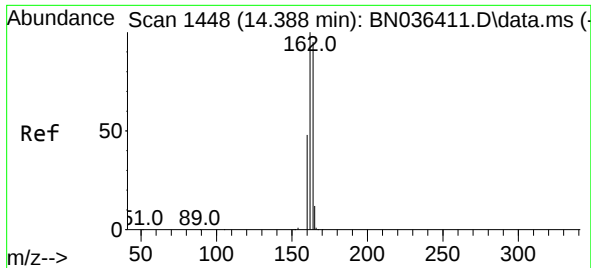
Tgt Ion: 82 Resp: 1511
Ion Ratio Lower Upper
82 100
128 36.9 31.9 47.9
54 73.1 53.1 79.7



#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 12.111 min Scan# 1142
Delta R.T. 0.005 min
Lab File: BN036527.D
Acq: 05 Mar 2025 16:54

Tgt Ion: 152 Resp: 2095
Ion Ratio Lower Upper
152 100
151 19.6 16.6 25.0

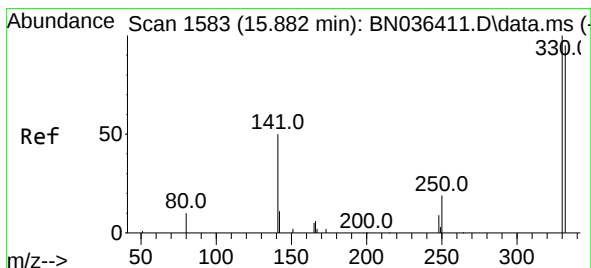
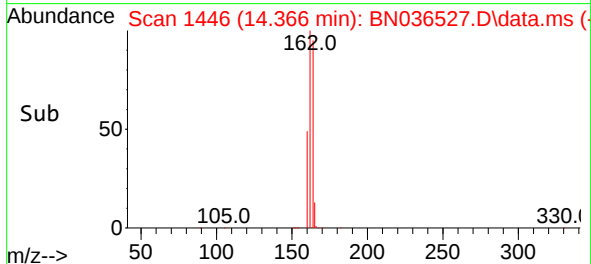
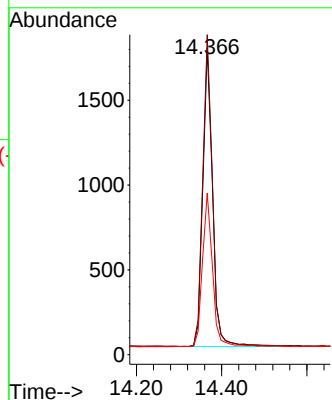
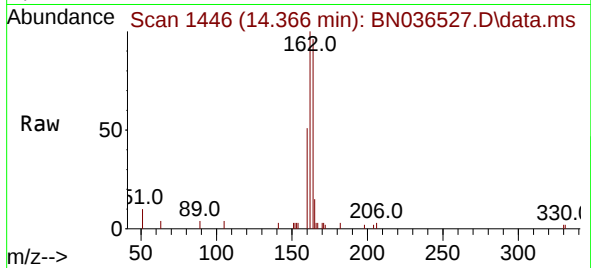




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BN036527.D
Acq: 05 Mar 2025 16:54

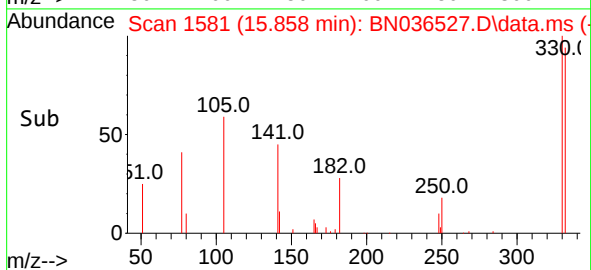
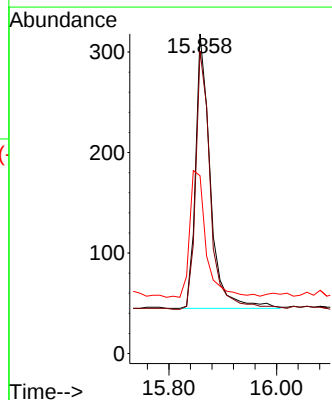
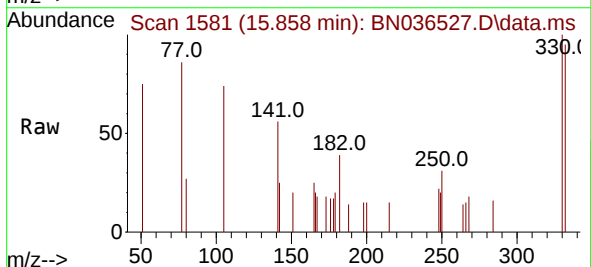
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ClientSampleId :
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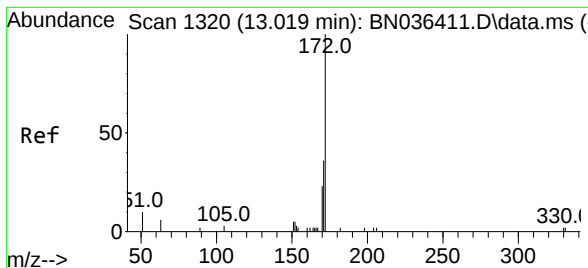
Tgt Ion:164 Resp: 2798
Ion Ratio Lower Upper
164 100
162 104.4 84.1 126.1
160 52.7 41.4 62.0



#14
2,4,6-Tribromophenol
Concen: 0.376 ng
RT: 15.858 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BN036527.D
Acq: 05 Mar 2025 16:54

Tgt Ion:330 Resp: 521
Ion Ratio Lower Upper
330 100
332 94.8 76.6 114.8
141 51.2 37.8 56.8





#15

2-Fluorobiphenyl

Concen: 0.502 ng

RT: 12.993 min Scan# 1

Delta R.T. 0.005 min

Lab File: BN036527.D

Acq: 05 Mar 2025 16:54

Instrument :

BNA_N

ClientSampleId :

RW7-SP201-20250228

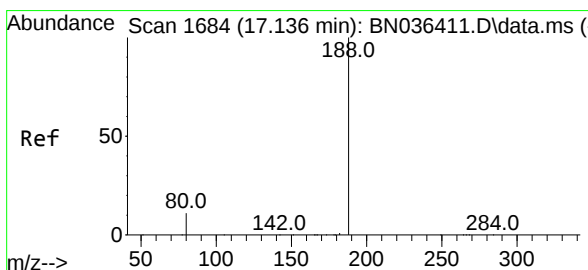
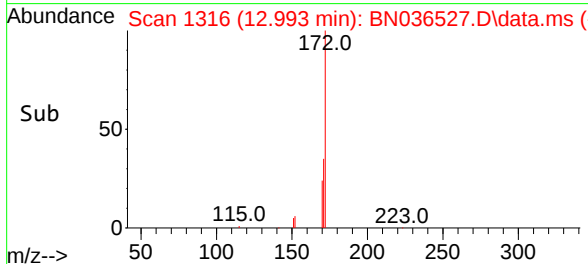
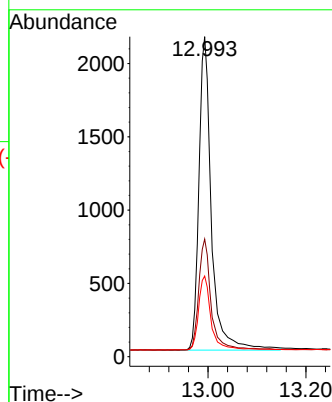
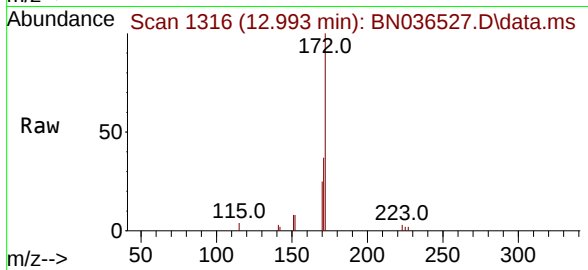
Tgt Ion:172 Resp: 5283

Ion Ratio Lower Upper

172 100

171 36.8 29.6 44.4

170 25.2 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: BN036527.D

Acq: 05 Mar 2025 16:54

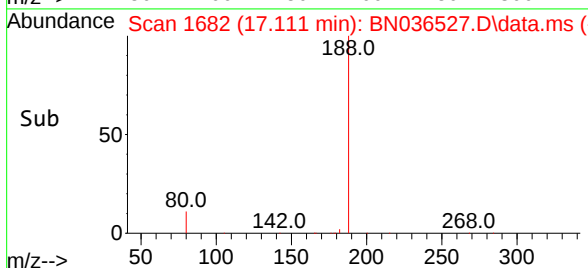
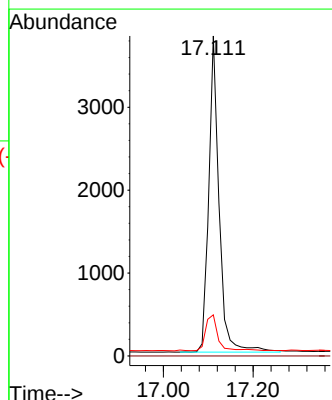
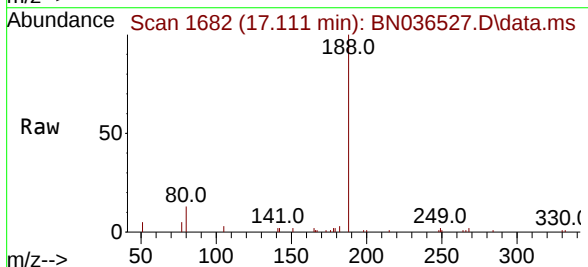
Tgt Ion:188 Resp: 6074

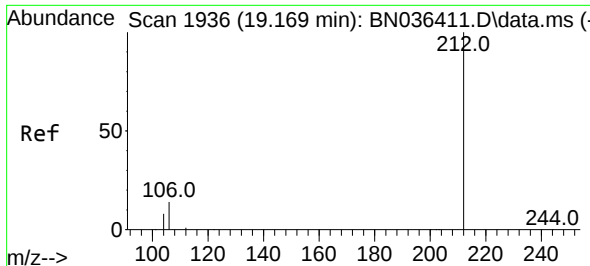
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.8 9.8 14.6

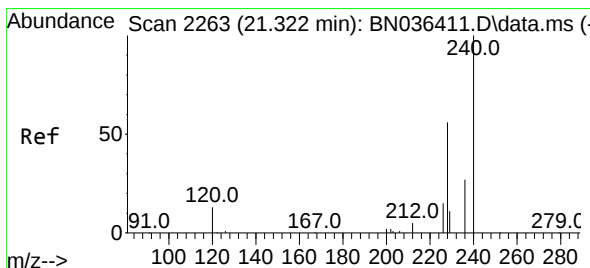
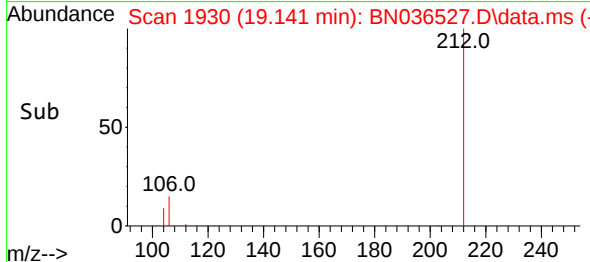
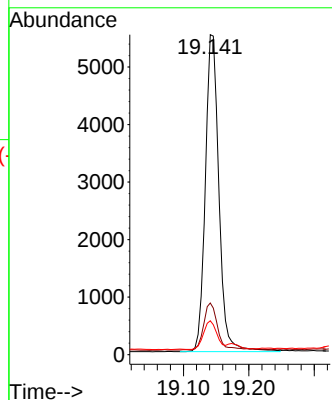
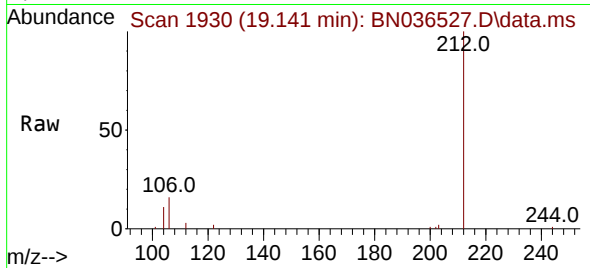




#27
Fluoranthene-d10
Concen: 0.471 ng
RT: 19.141 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BN036527.D
Acq: 05 Mar 2025 16:54

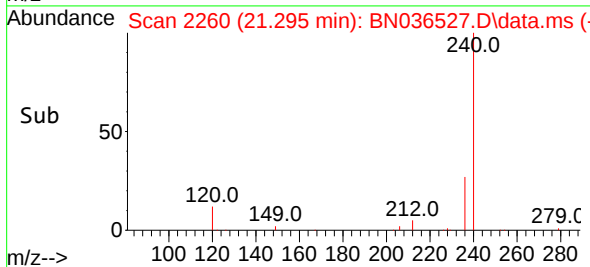
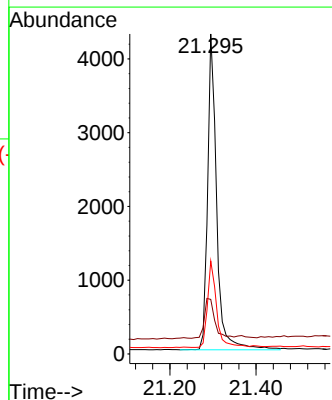
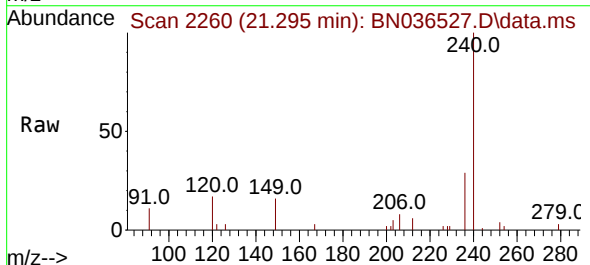
Instrument :
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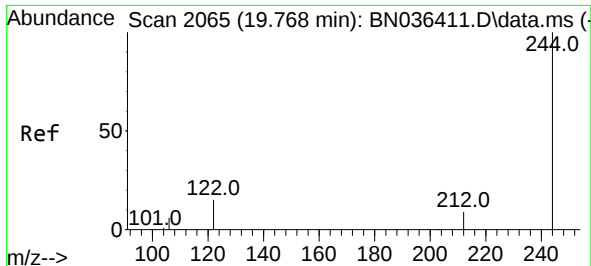
Tgt Ion:212 Resp: 7958
Ion Ratio Lower Upper
212 100
106 15.5 11.5 17.3
104 9.0 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BN036527.D
Acq: 05 Mar 2025 16:54

Tgt Ion:240 Resp: 6274
Ion Ratio Lower Upper
240 100
120 17.1 13.3 19.9
236 29.0 23.0 34.6

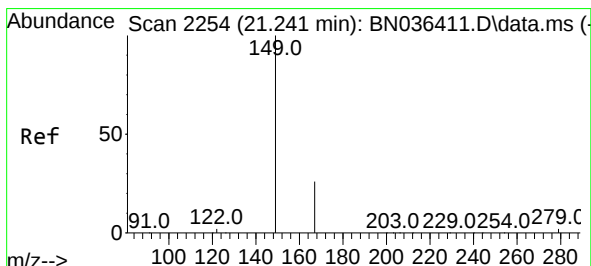
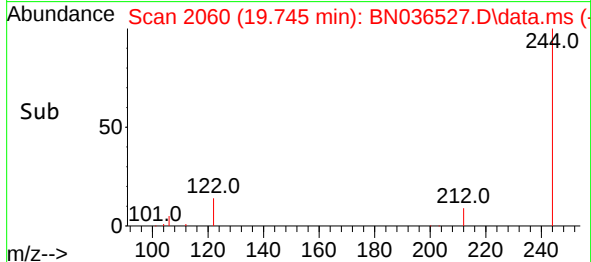
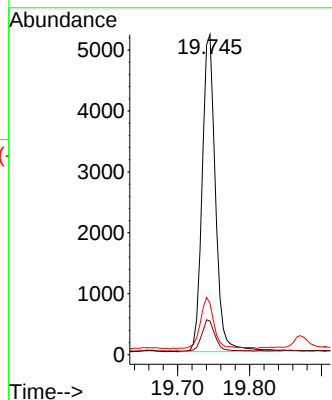
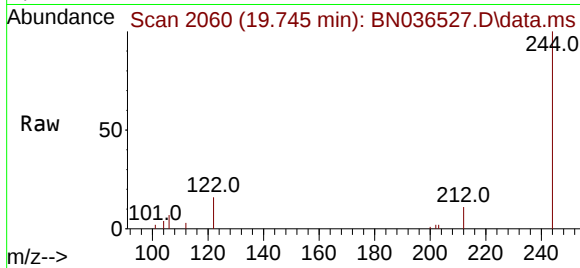




#31
 Terphenyl-d14
 Concen: 0.501 ng
 RT: 19.745 min Scan# 2060
 Delta R.T. -0.000 min
 Lab File: BN036527.D
 Acq: 05 Mar 2025 16:54

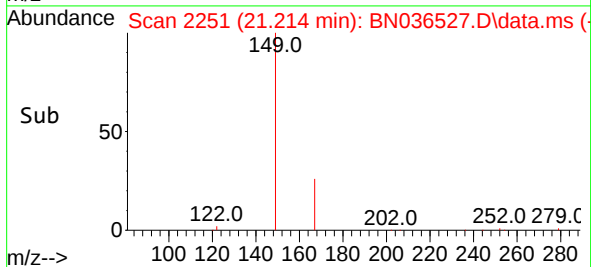
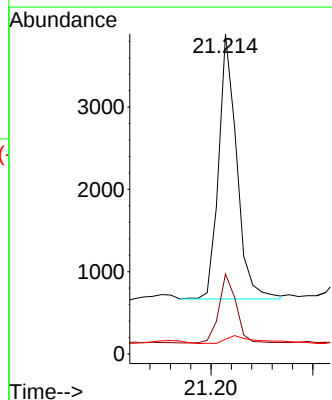
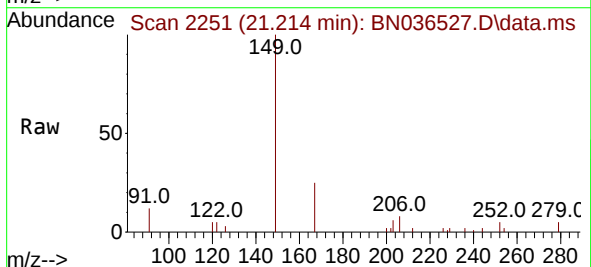
Instrument :
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 RW7-SP201-20250228

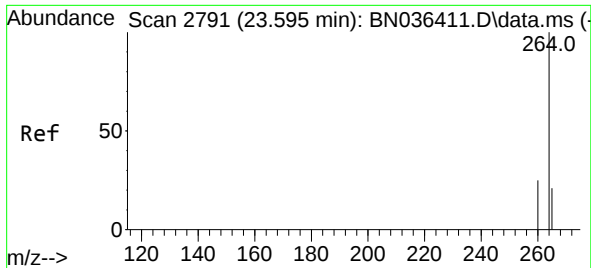
Tgt Ion:244 Resp: 6711
 Ion Ratio Lower Upper
 244 100
 212 10.5 8.1 12.1
 122 16.0 12.8 19.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.308 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. -0.000 min
 Lab File: BN036527.D
 Acq: 05 Mar 2025 16:54

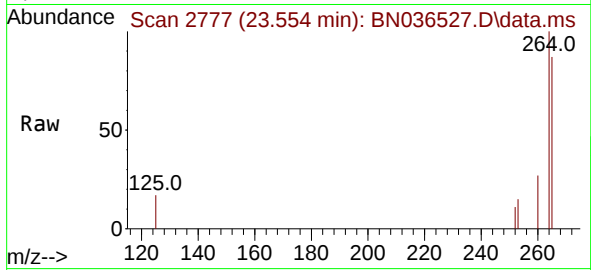
Tgt Ion:149 Resp: 3964
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.2 31.8
 279 5.2 2.7 4.1#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.554 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN036527.D
 Acq: 05 Mar 2025 16:54

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20250228



Tgt Ion: 264 Resp: 5876

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.9	31.3
265	87.3	60.7	91.1

