

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043025\
 Data File : BN036948.D
 Acq On : 30 Apr 2025 15:52
 Operator : RC/JU
 Sample : Q1886-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20250423

Quant Time: Apr 30 16:39:47 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)

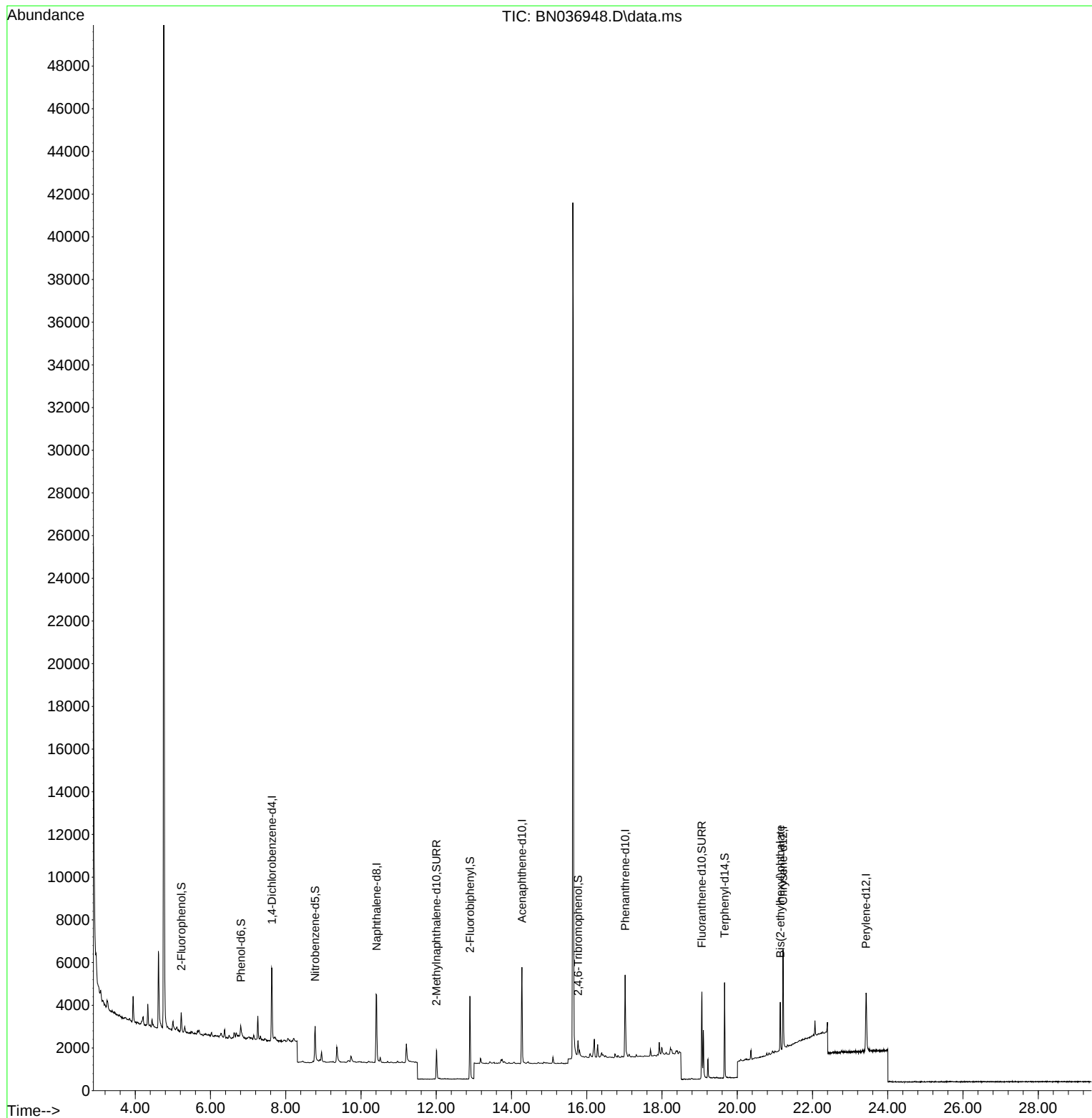
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	1784	0.400	ng	0.00
7) Naphthalene-d8	10.415	136	4537	0.400	ng	0.00
13) Acenaphthene-d10	14.277	164	2513	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	5104	0.400	ng	0.00
29) Chrysene-d12	21.215	240	4282	0.400	ng	0.00
35) Perylene-d12	23.424	264	3782	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	654	0.143	ng	0.00
5) Phenol-d6	6.809	99	447	0.080	ng	0.00
8) Nitrobenzene-d5	8.781	82	1523	0.321	ng	0.00
11) 2-Methylnaphthalene-d10	12.006	152	1965	0.310	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	373	0.333	ng	0.00
15) 2-Fluorobiphenyl	12.899	172	4008	0.330	ng	0.00
27) Fluoranthene-d10	19.059	212	4567	0.345	ng	0.00
31) Terphenyl-d14	19.663	244	4024	0.398	ng	0.00
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	21.144	149	2096	0.234	ng	# 96

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

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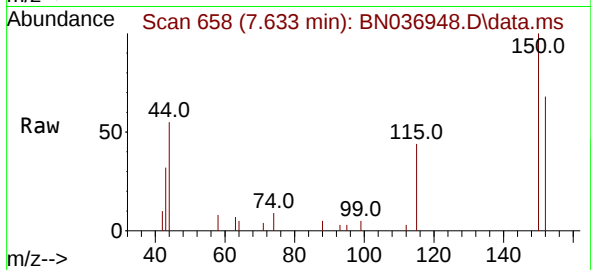
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 15:35:03 2025
Response via : Initial Calibration



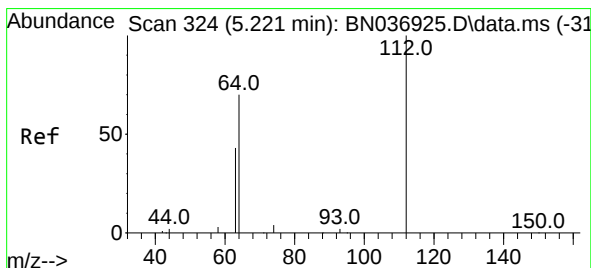
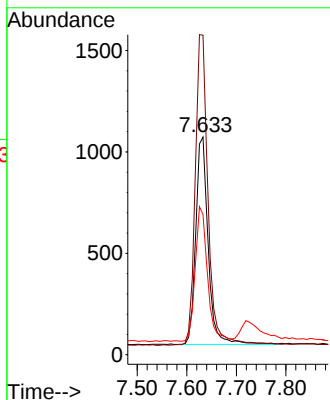
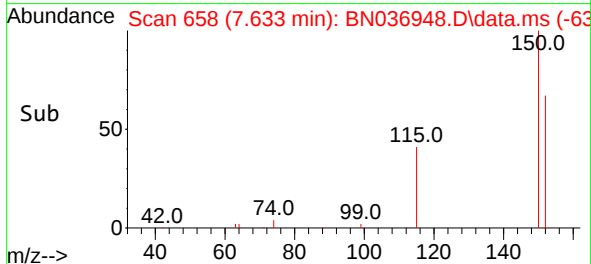


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN036948.D
Acq: 30 Apr 2025 15:52

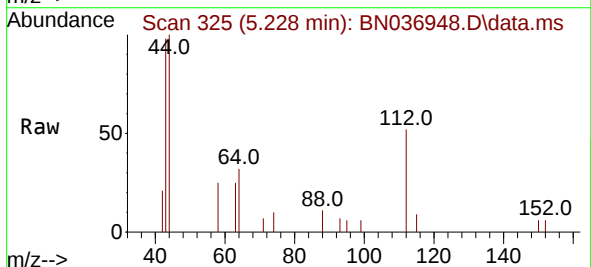
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250423



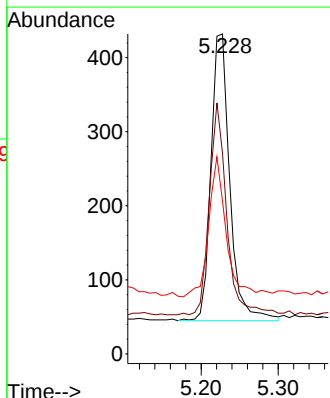
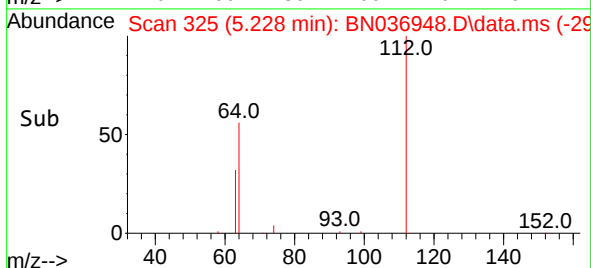
Tgt Ion:152 Resp: 1784
Ion Ratio Lower Upper
152 100
150 146.9 121.1 181.7
115 64.4 51.8 77.6

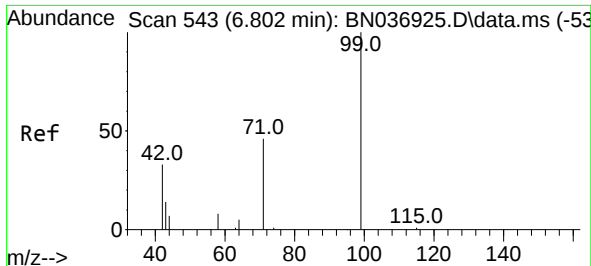


#4
2-Fluorophenol
Concen: 0.143 ng
RT: 5.228 min Scan# 325
Delta R.T. 0.007 min
Lab File: BN036948.D
Acq: 30 Apr 2025 15:52



Tgt Ion:112 Resp: 654
Ion Ratio Lower Upper
112 100
64 68.2 55.7 83.5
63 46.2 33.9 50.9

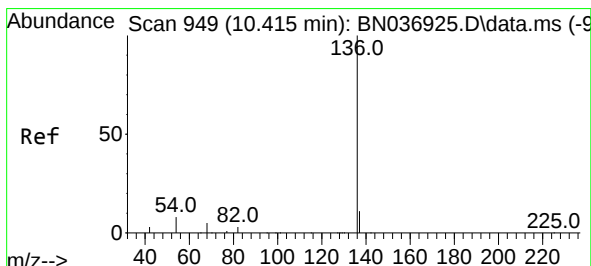
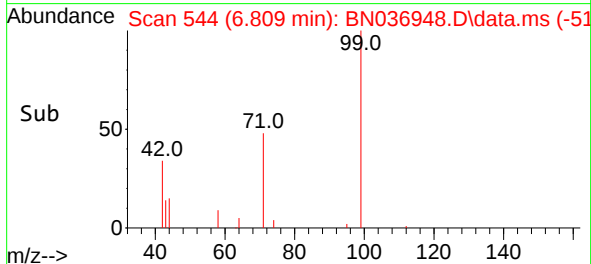
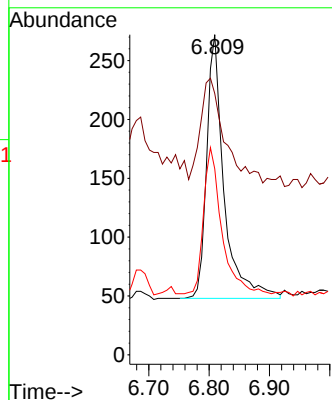
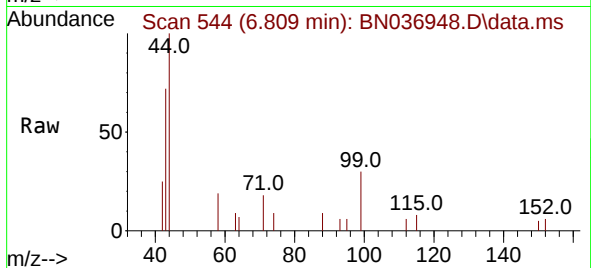




#5
Phenol-d6
Concen: 0.080 ng
RT: 6.809 min Scan# 543
Delta R.T. 0.007 min
Lab File: BN036948.D
Acq: 30 Apr 2025 15:52

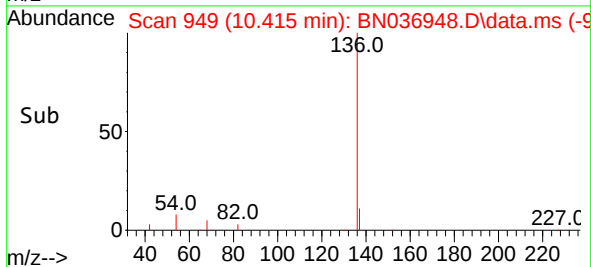
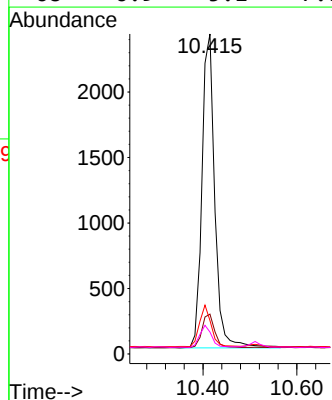
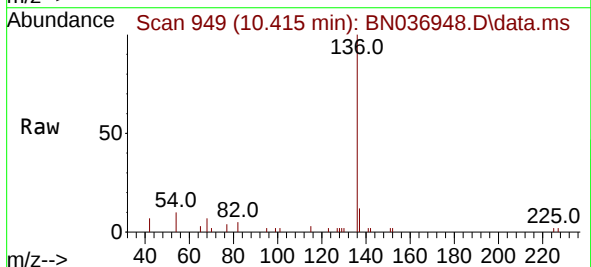
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250423

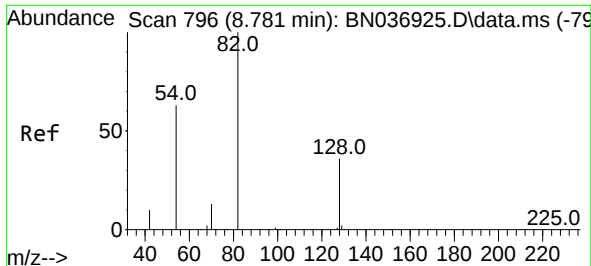
Tgt Ion: 99 Resp: 447
Ion Ratio Lower Upper
99 100
42 49.9 29.6 44.4#
71 60.4 36.0 54.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.415 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN036948.D
Acq: 30 Apr 2025 15:52

Tgt Ion: 136 Resp: 4537
Ion Ratio Lower Upper
136 100
137 12.4 9.7 14.5
54 10.5 8.0 12.0
68 6.9 5.1 7.7

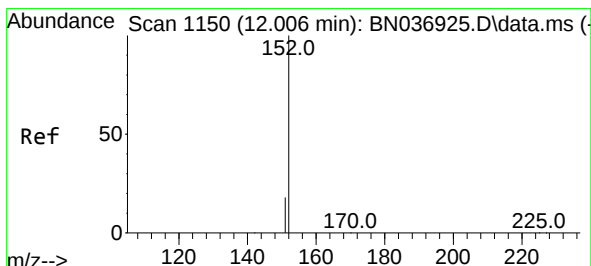
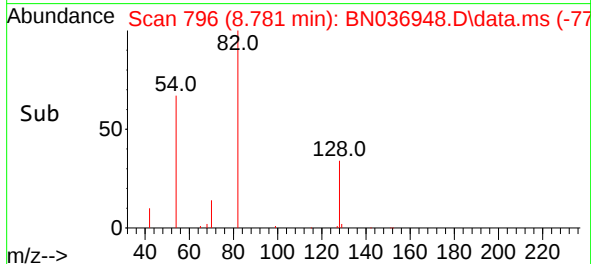
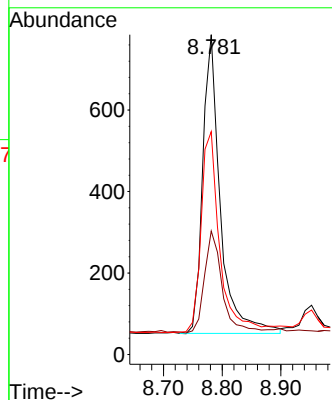
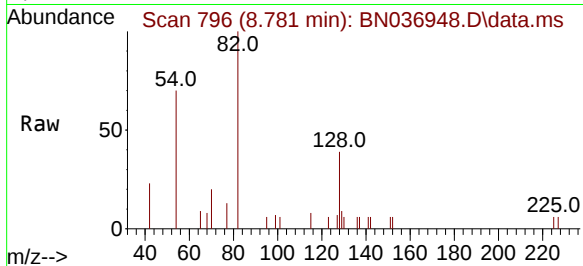




#8
 Nitrobenzene-d5
 Concen: 0.321 ng
 RT: 8.781 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: BN036948.D
 Acq: 30 Apr 2025 15:52

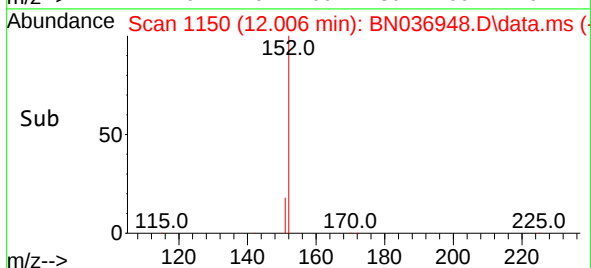
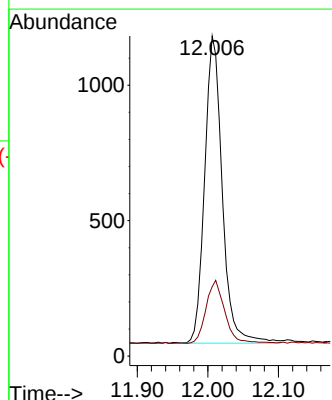
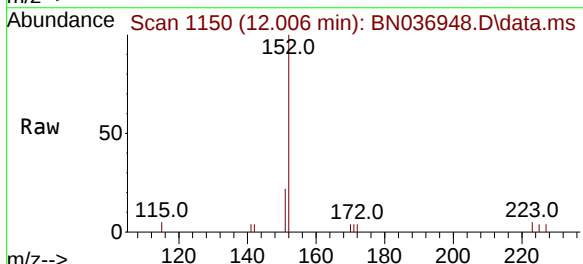
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20250423

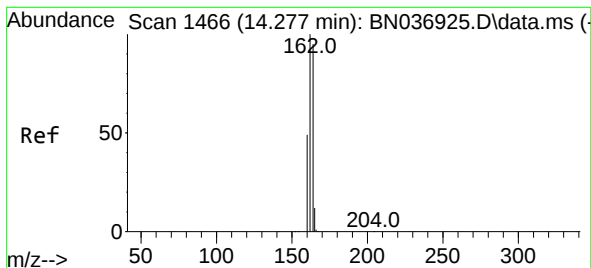
Tgt Ion: 82 Resp: 1523
 Ion Ratio Lower Upper
 82 100
 128 38.6 30.7 46.1
 54 69.7 52.1 78.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.310 ng
 RT: 12.006 min Scan# 1150
 Delta R.T. -0.000 min
 Lab File: BN036948.D
 Acq: 30 Apr 2025 15:52

Tgt Ion: 152 Resp: 1965
 Ion Ratio Lower Upper
 152 100
 151 21.9 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: BN036948.D

Acq: 30 Apr 2025 15:52

Instrument :

BNA_N

ClientSampleId :

RW5-SP201-20250423

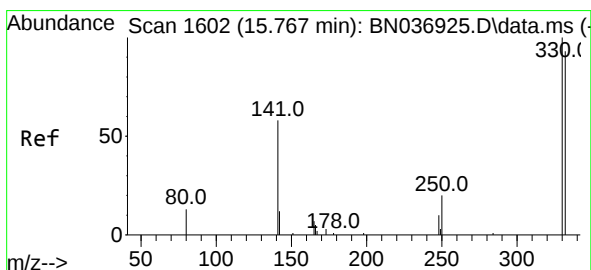
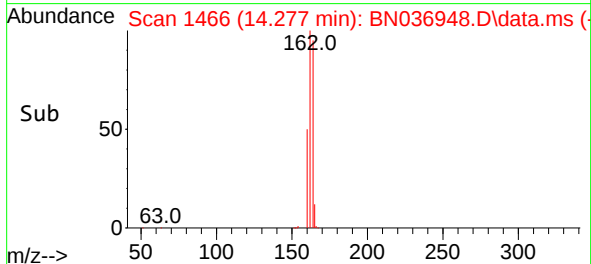
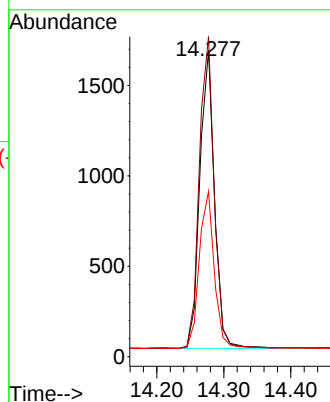
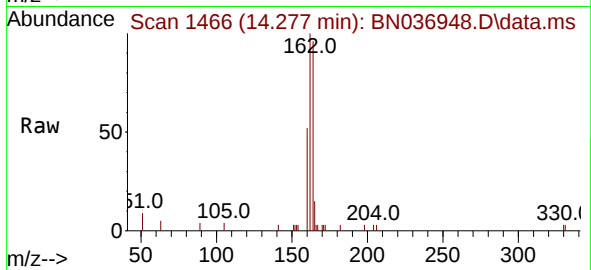
Tgt Ion:164 Resp: 2513

Ion Ratio Lower Upper

164 100

162 104.4 83.8 125.8

160 53.9 42.0 63.0



#14

2,4,6-Tribromophenol

Concen: 0.333 ng

RT: 15.767 min Scan# 1602

Delta R.T. -0.000 min

Lab File: BN036948.D

Acq: 30 Apr 2025 15:52

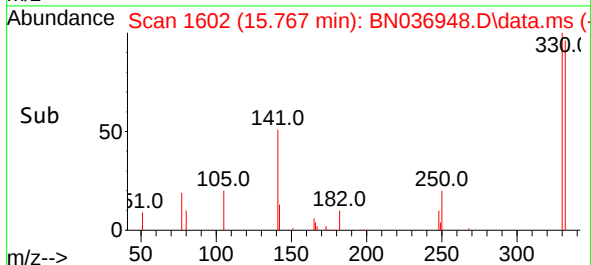
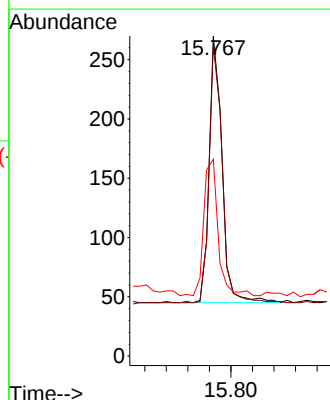
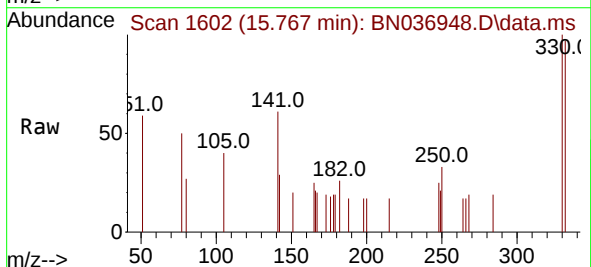
Tgt Ion:330 Resp: 373

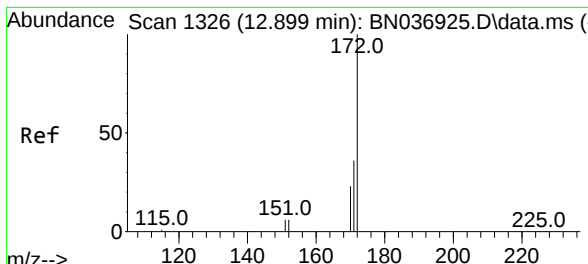
Ion Ratio Lower Upper

330 100

332 97.1 76.3 114.5

141 56.6 45.4 68.2

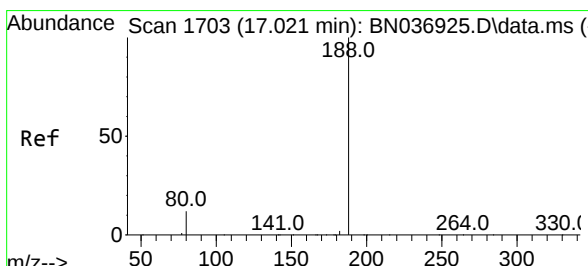
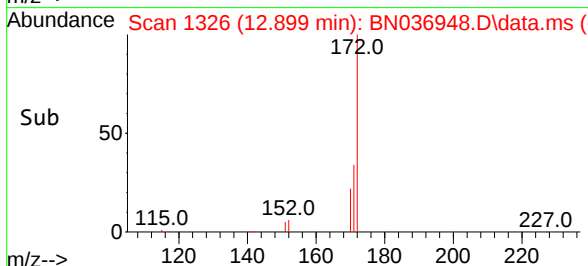
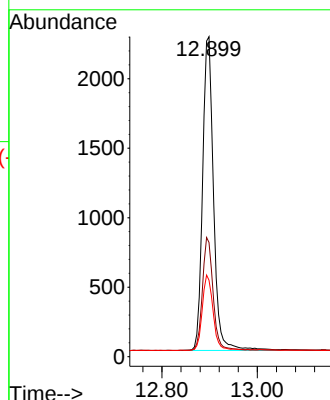
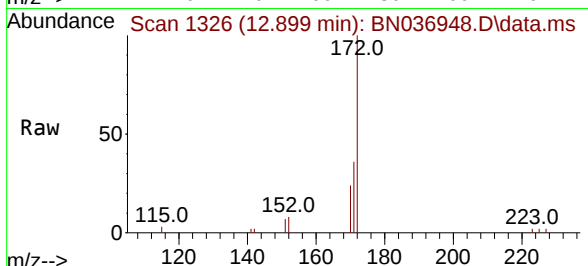




#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 12.899 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN036948.D
Acq: 30 Apr 2025 15:52

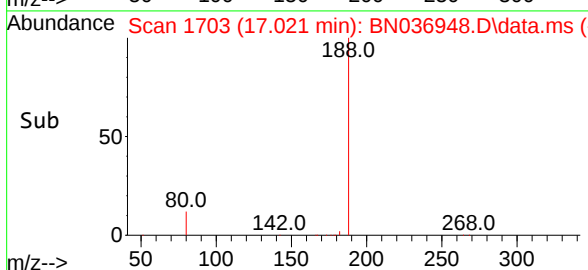
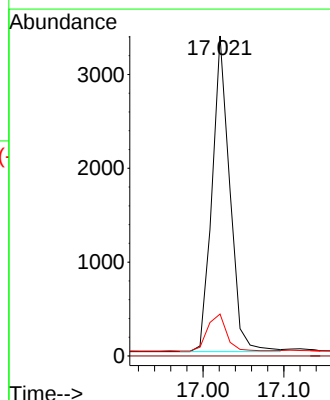
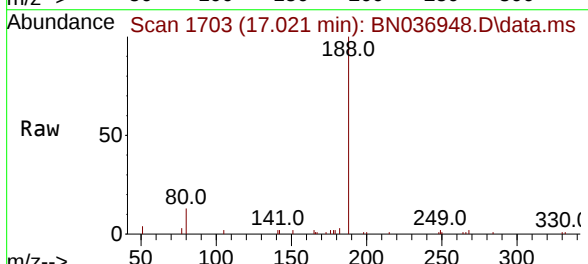
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250423

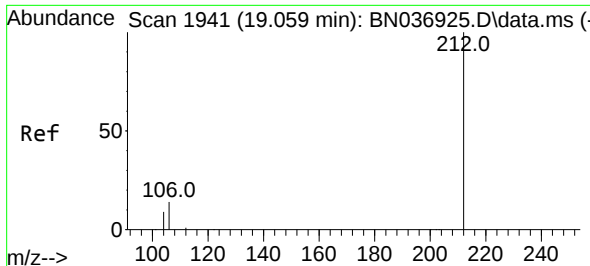
Tgt Ion:	172	Resp:	4008
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	23.9	19.4	29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.021 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN036948.D
Acq: 30 Apr 2025 15:52

Tgt Ion:	188	Resp:	5104
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.1	10.7	16.1

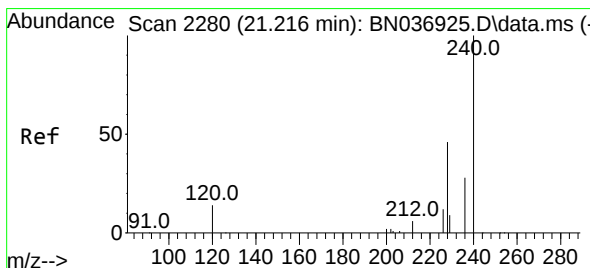
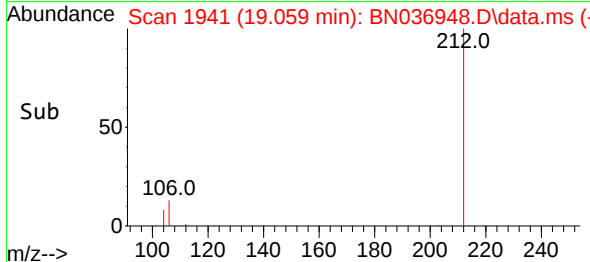
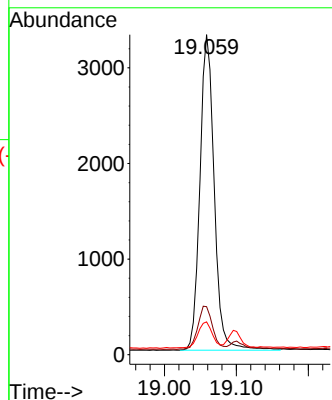
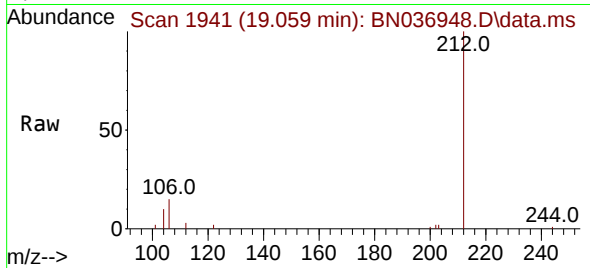




#27
Fluoranthene-d10
Concen: 0.345 ng
RT: 19.059 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BN036948.D
Acq: 30 Apr 2025 15:52

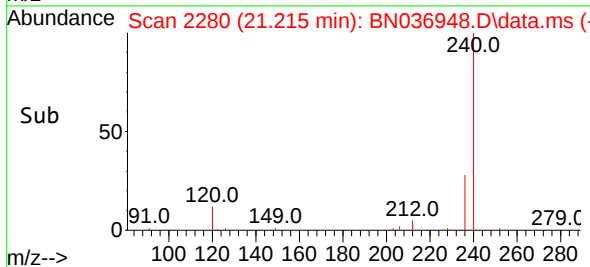
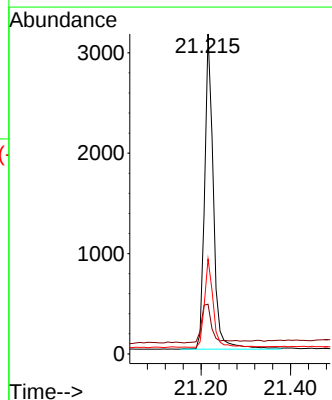
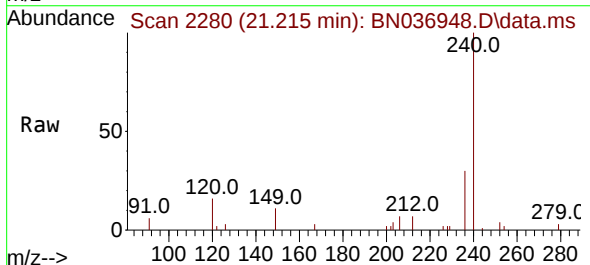
Instrument :
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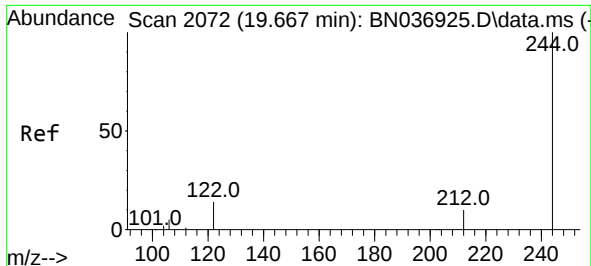
Tgt Ion:212 Resp: 4567
Ion Ratio Lower Upper
212 100
106 14.1 11.6 17.4
104 8.1 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.215 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BN036948.D
Acq: 30 Apr 2025 15:52

Tgt Ion:240 Resp: 4282
Ion Ratio Lower Upper
240 100
120 15.5 14.1 21.1
236 29.7 23.8 35.8

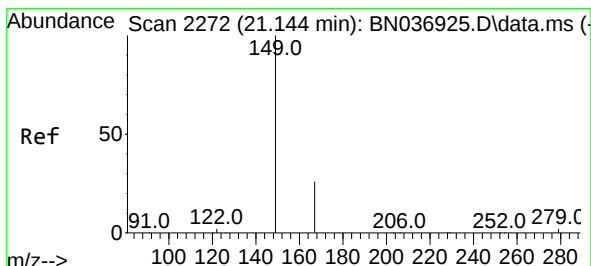
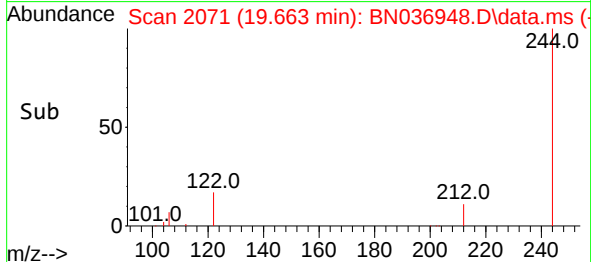
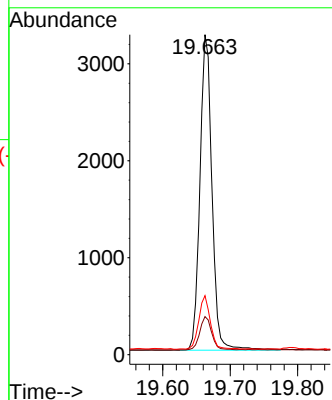
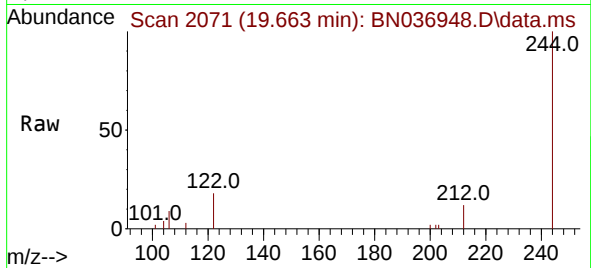




#31
 Terphenyl-d14
 Concen: 0.398 ng
 RT: 19.663 min Scan# 2072
 Delta R.T. -0.005 min
 Lab File: BN036948.D
 Acq: 30 Apr 2025 15:52

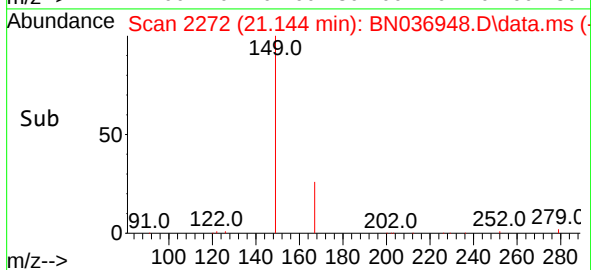
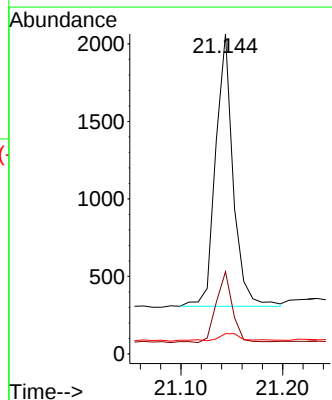
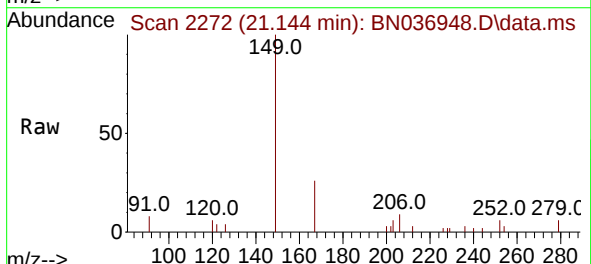
Instrument :
 BNA_N
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 RW5-SP201-20250423

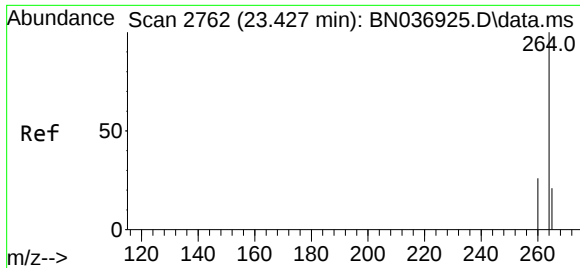
Tgt Ion:244 Resp: 4024
 Ion Ratio Lower Upper
 244 100
 212 11.9 9.6 14.4
 122 18.4 12.7 19.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.234 ng
 RT: 21.144 min Scan# 2272
 Delta R.T. -0.000 min
 Lab File: BN036948.D
 Acq: 30 Apr 2025 15:52

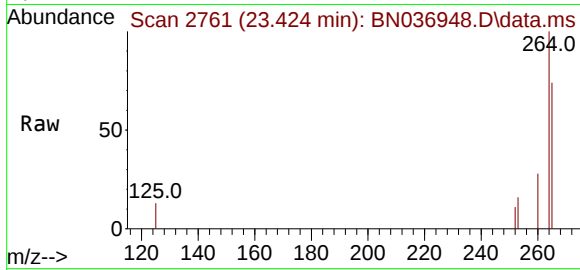
Tgt Ion:149 Resp: 2096
 Ion Ratio Lower Upper
 149 100
 167 24.4 21.0 31.6
 279 4.5 2.7 4.1#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.424 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BN036948.D
 Acq: 30 Apr 2025 15:52

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20250423



Tgt Ion:264 Resp: 3782

Ion	Ratio	Lower	Upper
264	100		
260	28.0	22.2	33.2
265	73.9	65.8	98.6

