

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112724\
 Data File : BN035374.D
 Acq On : 28 Nov 2024 08:26
 Operator : RC/JU
 Sample : P4959-01 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20241121

Quant Time: Nov 29 00:19:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 23:03:24 2024
 Response via : Initial Calibration

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

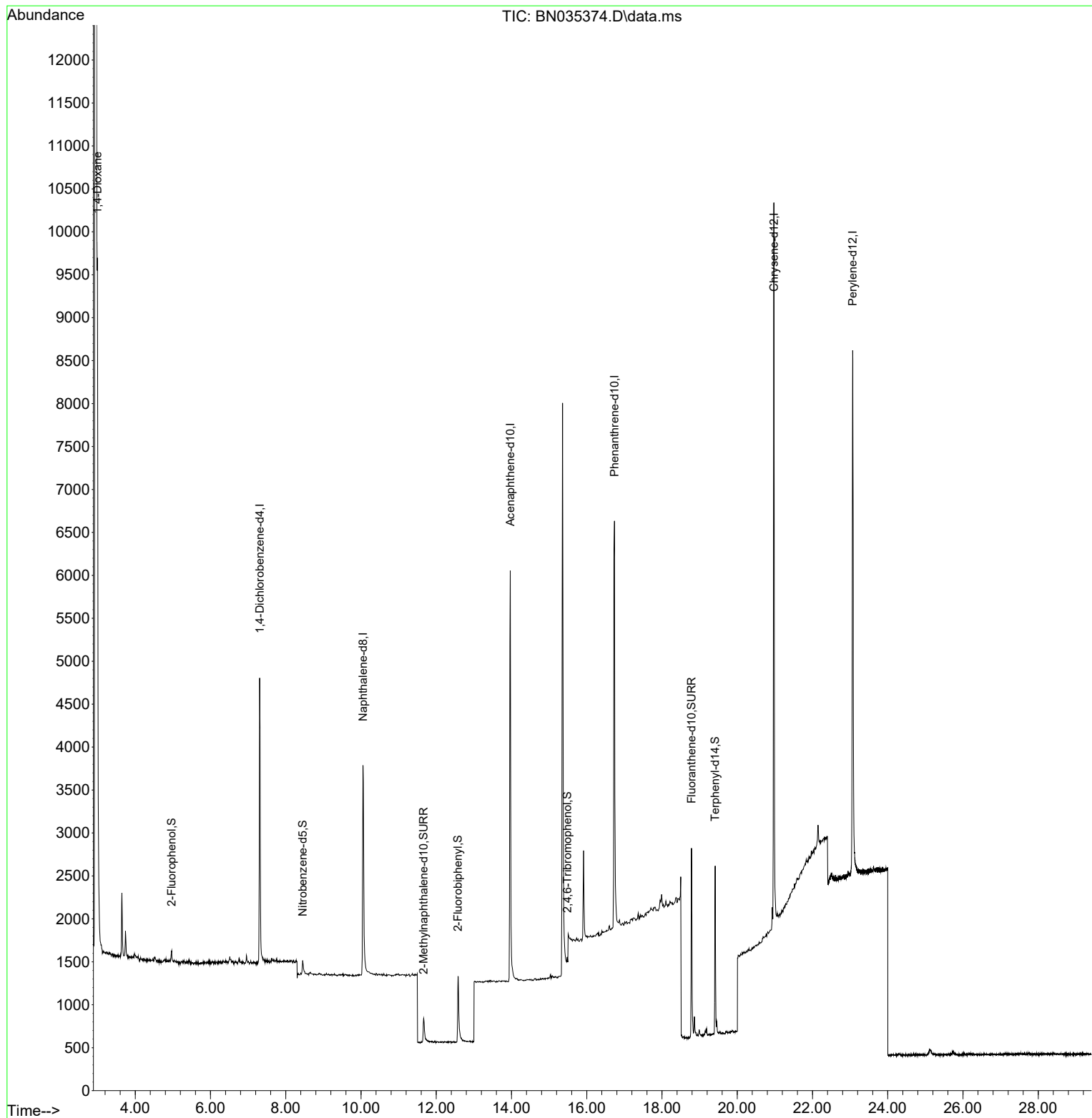
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.308	152	1752	0.400	ng	0.00
7) Naphthalene-d8	10.052	136	4244	0.400	ng	0.00
13) Acenaphthene-d10	13.967	164	3218	0.400	ng	0.00
19) Phenanthrene-d10	16.736	188	8380	0.400	ng	# 0.00
29) Chrysene-d12	20.974	240	7890	0.400	ng	0.00
35) Perylene-d12	23.067	264	7953	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.968	112	133	0.030	ng	0.00
5) Phenol-d6	6.513	99	78	0.015	ng	0.00
8) Nitrobenzene-d5	8.450	82	220m	0.085	ng	0.01
11) 2-Methylnaphthalene-d10	11.666	152	652	0.098	ng	0.01
14) 2,4,6-Tribromophenol	15.485	330	129	0.056	ng	0.01
15) 2-Fluorobiphenyl	12.579	172	1075	0.088	ng	0.00
27) Fluoranthene-d10	18.785	212	2744	0.116	ng	0.00
31) Terphenyl-d14	19.412	244	2060	0.132	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.996	88	3433	2.050	ng	Qvalue 96

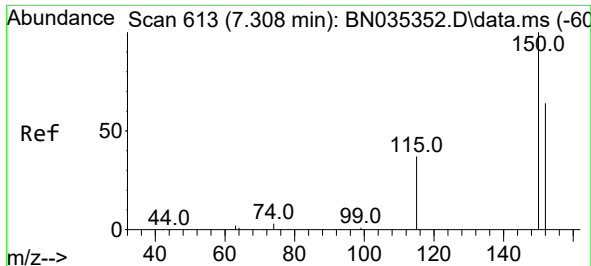
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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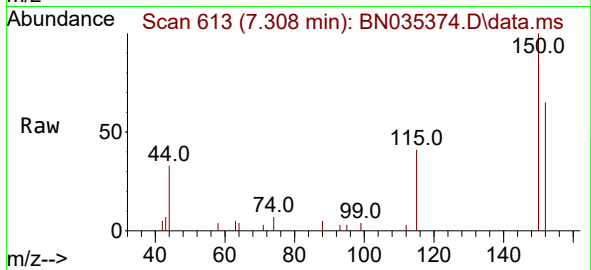
Quant Time: Nov 29 00:19:22 2024
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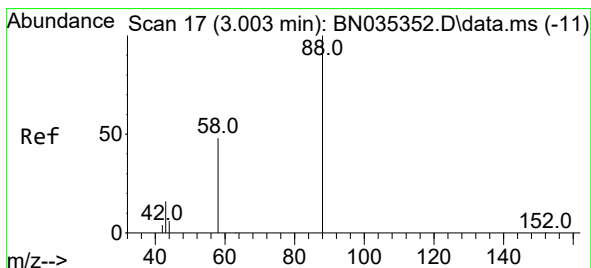
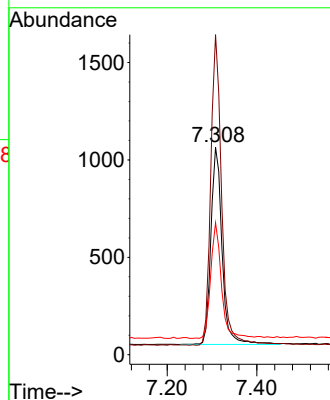
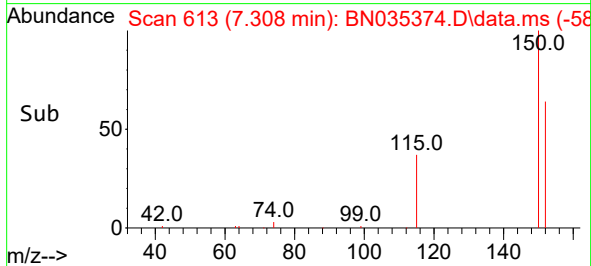


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.308 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN035374.D
 Acq: 28 Nov 2024 08:26

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20241121

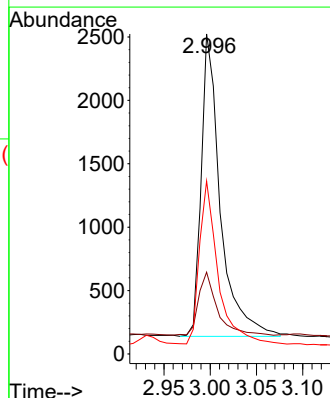
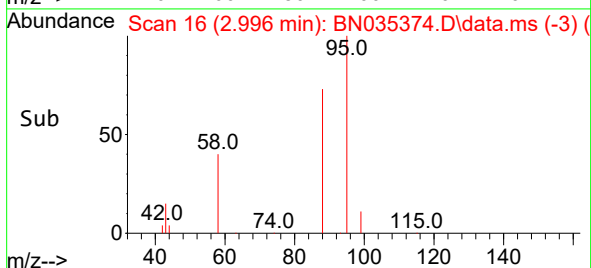
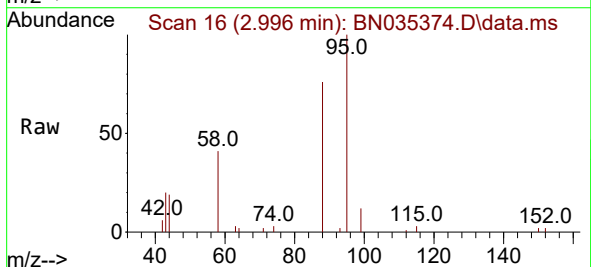


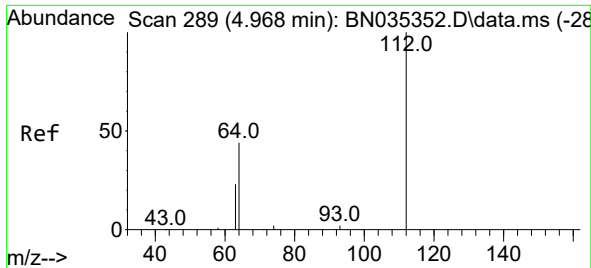
Tgt Ion:152 Resp: 1752
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.0 186.0
 115 63.6 49.6 74.4



#2
 1,4-Dioxane
 Concen: 2.050 ng
 RT: 2.996 min Scan# 16
 Delta R.T. -0.007 min
 Lab File: BN035374.D
 Acq: 28 Nov 2024 08:26

Tgt Ion: 88 Resp: 3433
 Ion Ratio Lower Upper
 88 100
 43 20.4 17.2 25.8
 58 52.1 44.5 66.7

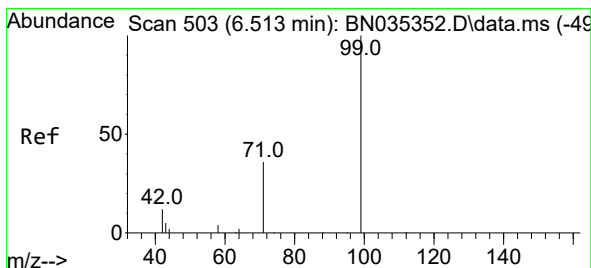
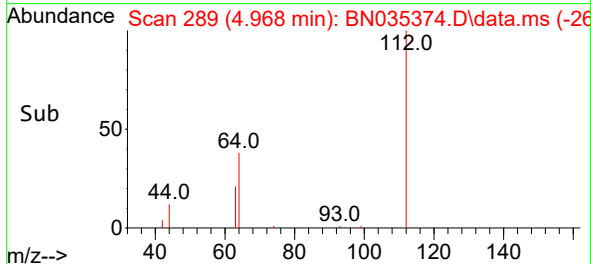
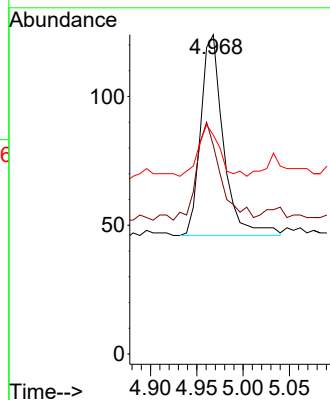
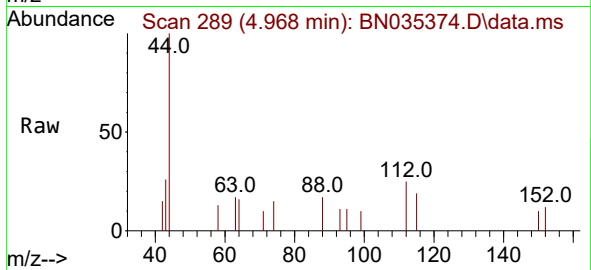




#4
2-Fluorophenol
Concen: 0.030 ng
RT: 4.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN035374.D
Acq: 28 Nov 2024 08:26

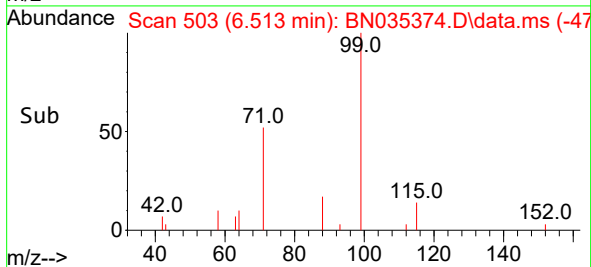
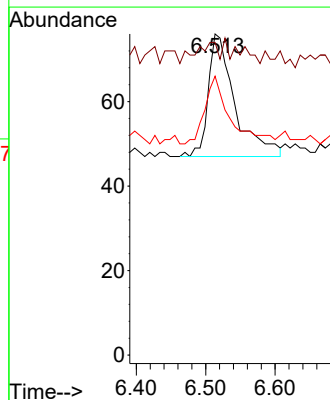
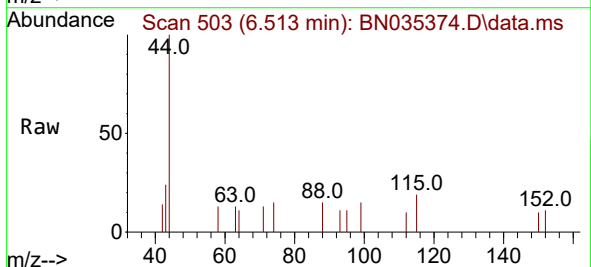
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241121

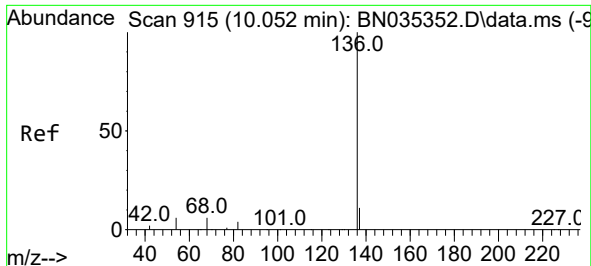
Tgt Ion:112 Resp: 133
Ion Ratio Lower Upper
112 100
64 50.4 39.8 59.8
63 27.8 21.0 31.6



#5
Phenol-d6
Concen: 0.015 ng
RT: 6.513 min Scan# 503
Delta R.T. 0.000 min
Lab File: BN035374.D
Acq: 28 Nov 2024 08:26

Tgt Ion: 99 Resp: 78
Ion Ratio Lower Upper
99 100
42 14.1 11.4 17.2
71 56.4 29.3 43.9#

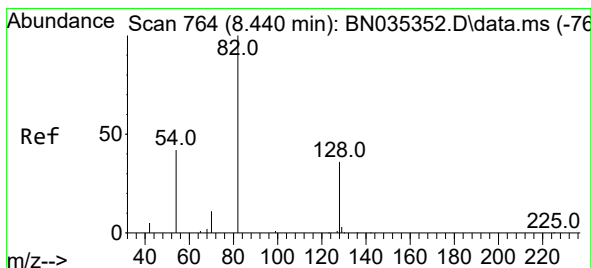
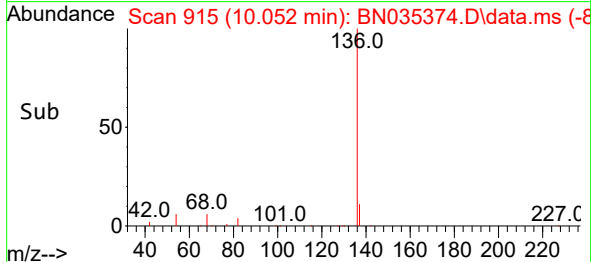
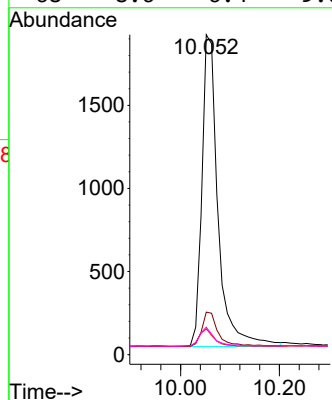
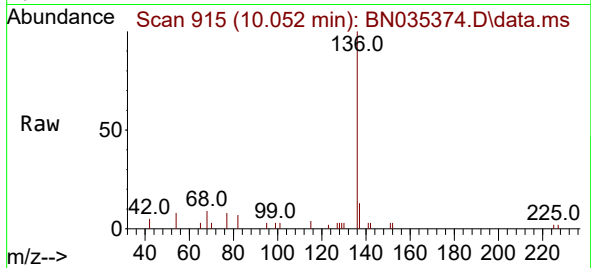




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.052 min Scan# 915
Delta R.T. 0.000 min
Lab File: BN035374.D
Acq: 28 Nov 2024 08:26

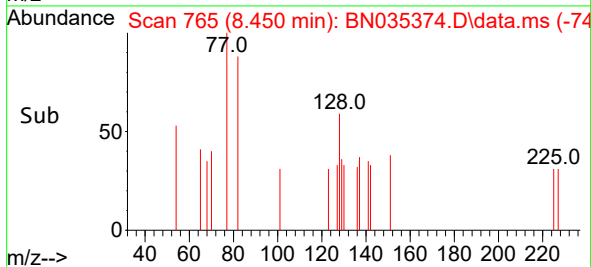
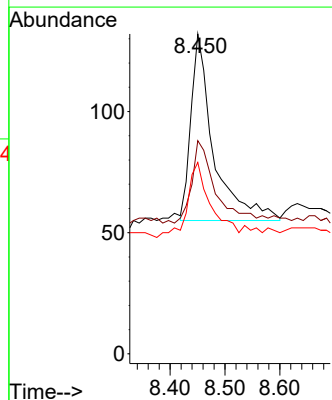
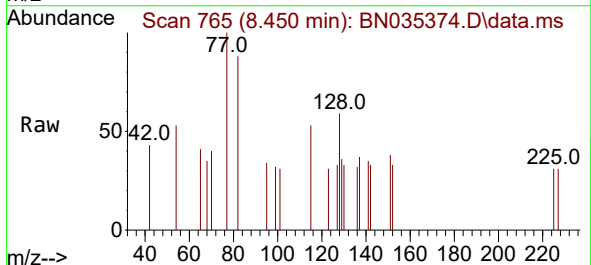
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241121

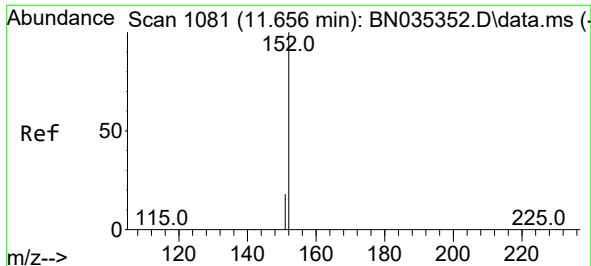
Tgt Ion:	136	Resp:	4244
Ion Ratio	Lower	Upper	
136	100		
137	13.3	10.2	15.2
54	8.1	6.1	9.1
68	8.6	6.4	9.6



#8
Nitrobenzene-d5
Concen: 0.085 ng m
RT: 8.450 min Scan# 765
Delta R.T. 0.011 min
Lab File: BN035374.D
Acq: 28 Nov 2024 08:26

Tgt Ion:	82	Resp:	220
Ion Ratio	Lower	Upper	
82	100		
128	66.7	33.4	50.0#
54	59.8	36.7	55.1#

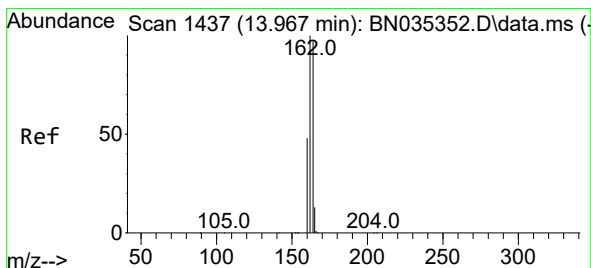
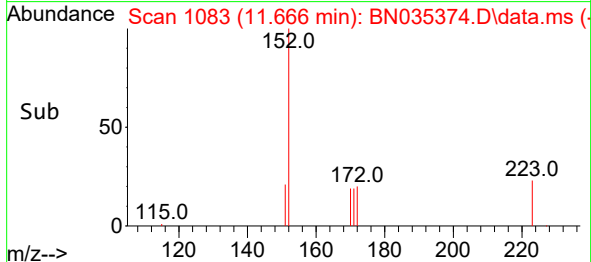
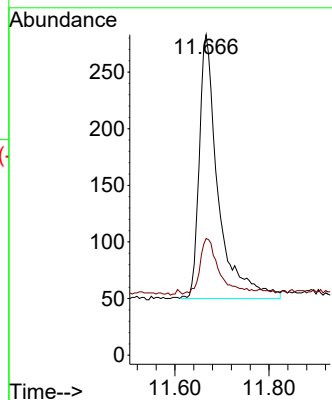
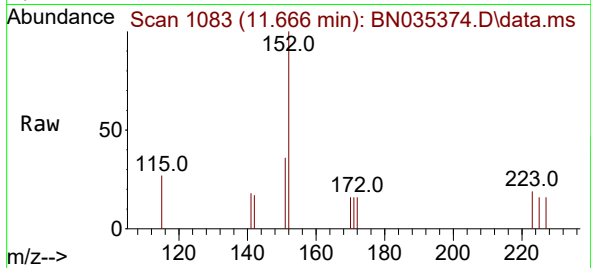




#11
2-Methylnaphthalene-d10
Concen: 0.098 ng
RT: 11.666 min Scan# 1083
Delta R.T. 0.010 min
Lab File: BN035374.D
Acq: 28 Nov 2024 08:26

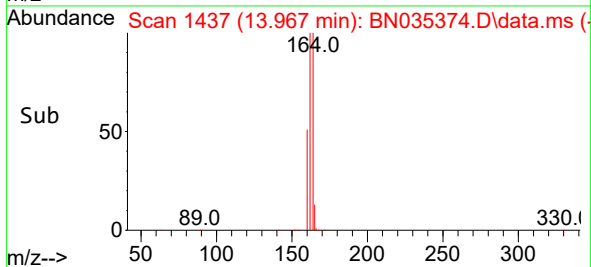
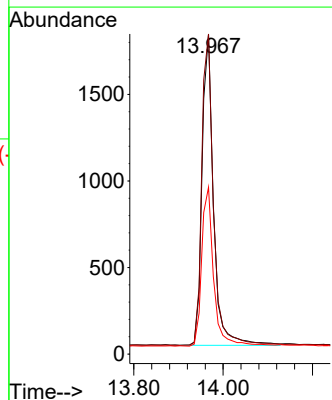
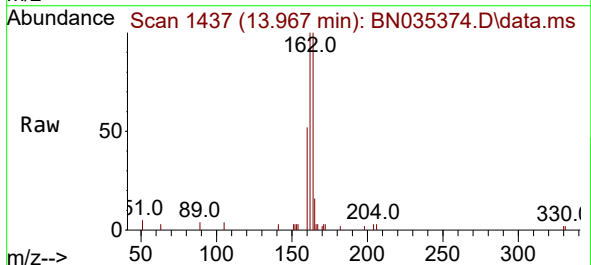
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241121

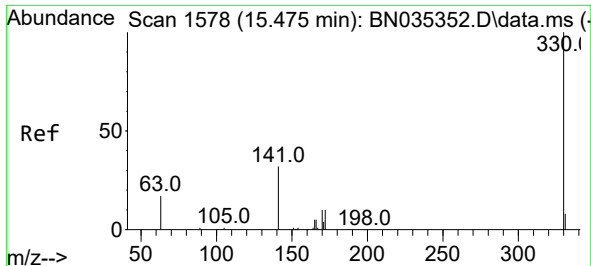
Tgt Ion:152 Resp: 652
Ion Ratio Lower Upper
152 100
151 21.3 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.967 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BN035374.D
Acq: 28 Nov 2024 08:26

Tgt Ion:164 Resp: 3218
Ion Ratio Lower Upper
164 100
162 100.1 82.2 123.2
160 52.2 40.1 60.1

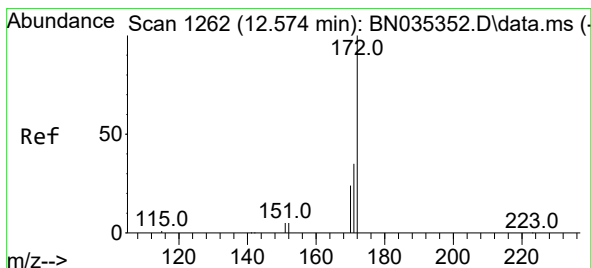
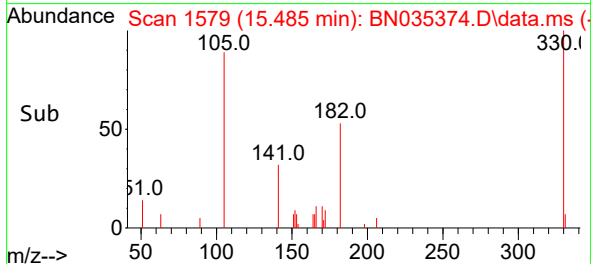
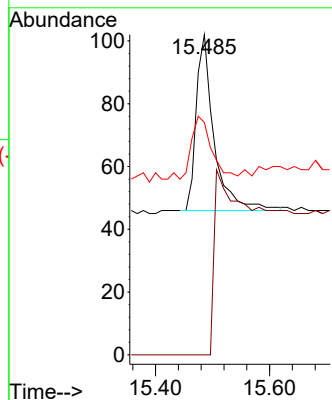
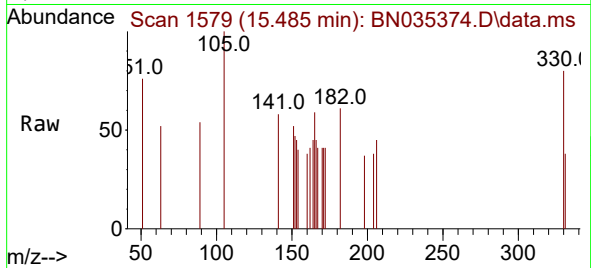




#14
2,4,6-Tribromophenol
Concen: 0.056 ng
RT: 15.485 min Scan# 1579
Delta R.T. 0.011 min
Lab File: BN035374.D
Acq: 28 Nov 2024 08:26

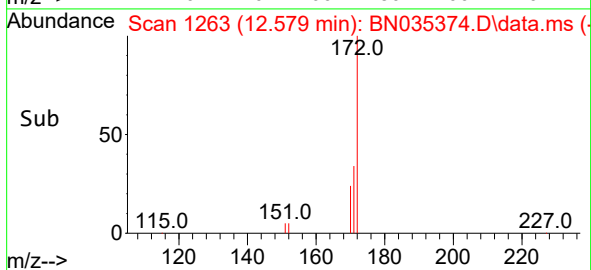
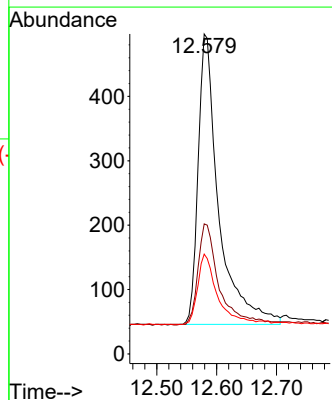
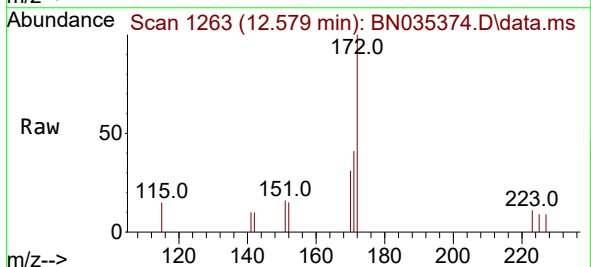
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241121

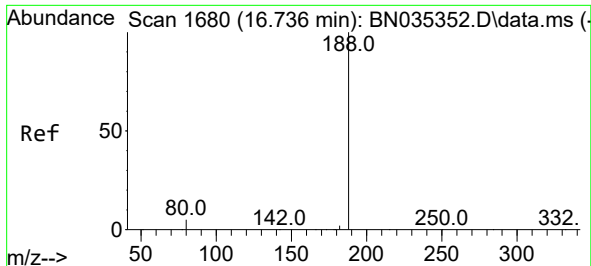
Tgt Ion:330 Resp: 129
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.5 26.6 40.0



#15
2-Fluorobiphenyl
Concen: 0.088 ng
RT: 12.579 min Scan# 1263
Delta R.T. 0.005 min
Lab File: BN035374.D
Acq: 28 Nov 2024 08:26

Tgt Ion:172 Resp: 1075
Ion Ratio Lower Upper
172 100
171 40.6 29.0 43.4
170 31.2 19.8 29.8#

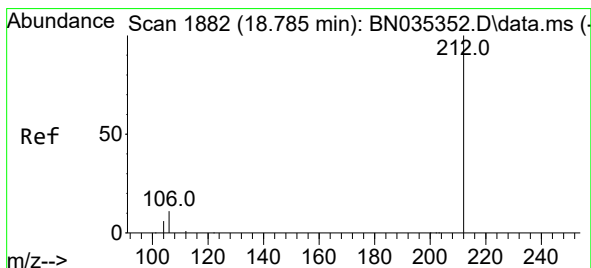
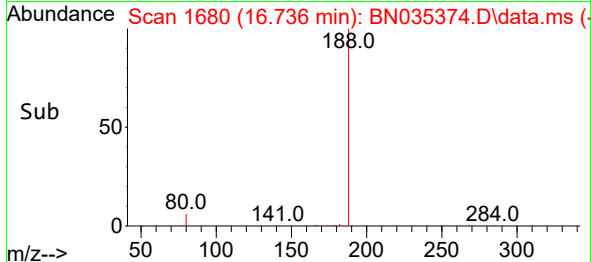
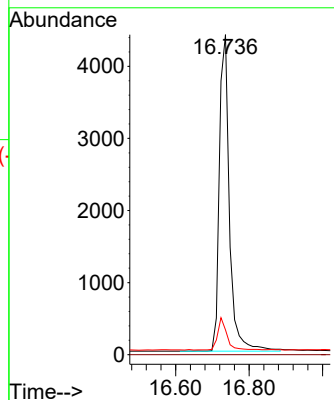
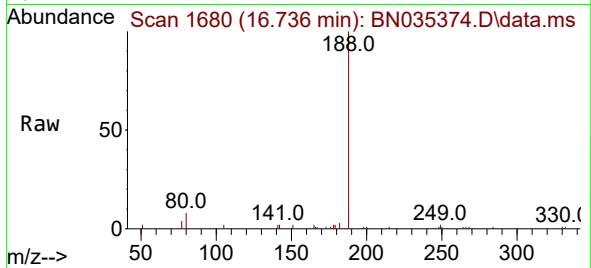




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.736 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN035374.D
Acq: 28 Nov 2024 08:26

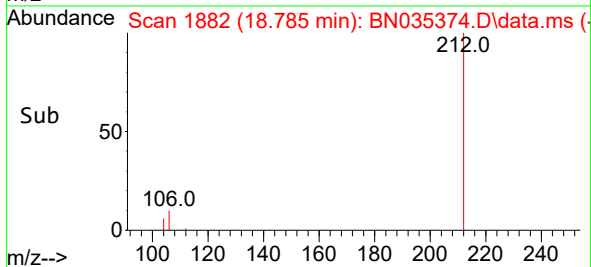
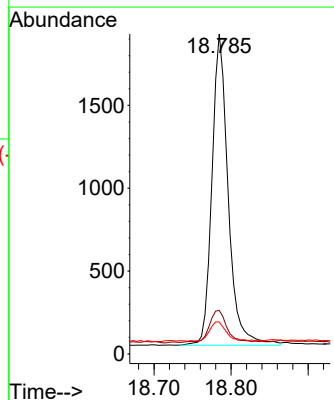
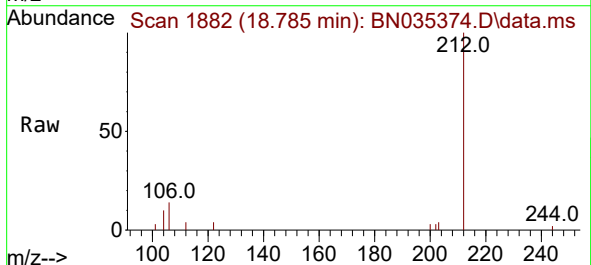
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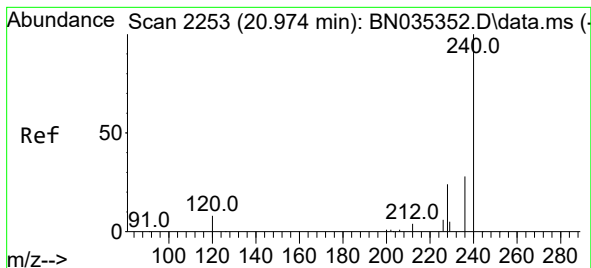
Tgt Ion:188 Resp: 8380
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 4.6 6.8#



#27
Fluoranthene-d10
Concen: 0.116 ng
RT: 18.785 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BN035374.D
Acq: 28 Nov 2024 08:26

Tgt Ion:212 Resp: 2744
Ion Ratio Lower Upper
212 100
106 11.4 9.2 13.8
104 6.7 5.3 7.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 20.974 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN035374.D

Acq: 28 Nov 2024 08:26

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-20241121

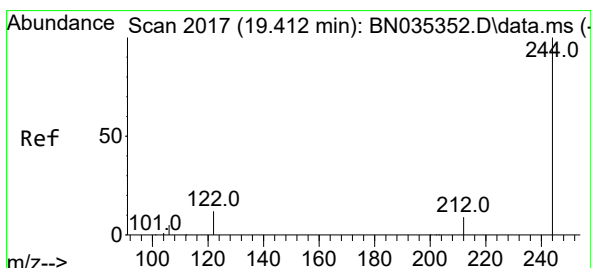
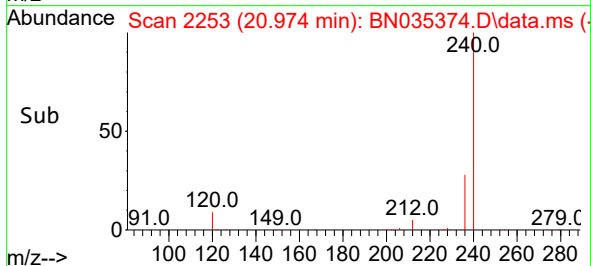
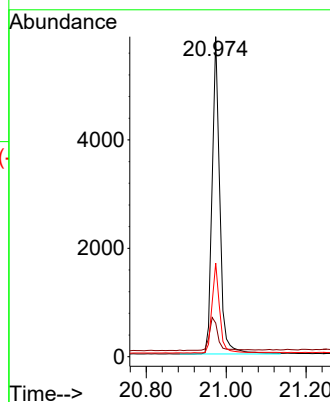
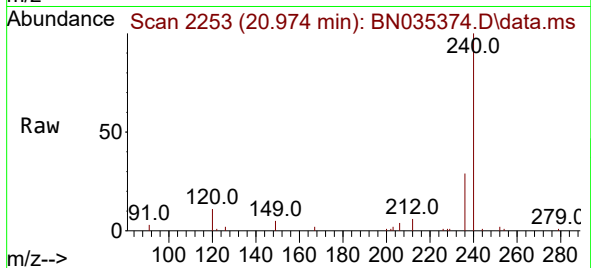
Tgt Ion:240 Resp: 7890

Ion Ratio Lower Upper

240 100

120 10.5 7.9 11.9

236 29.2 22.9 34.3



#31

Terphenyl-d14

Concen: 0.132 ng

RT: 19.412 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BN035374.D

Acq: 28 Nov 2024 08:26

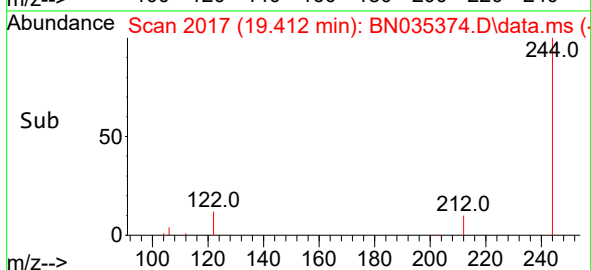
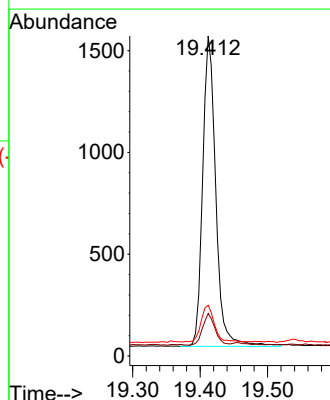
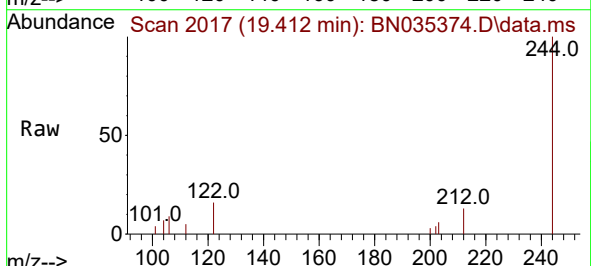
Tgt Ion:244 Resp: 2060

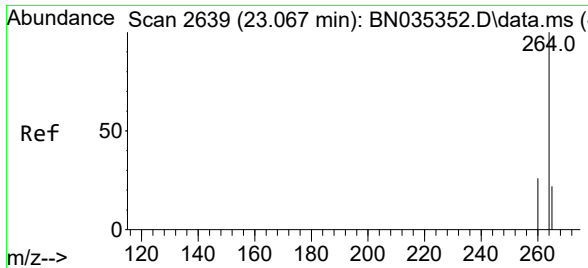
Ion Ratio Lower Upper

244 100

212 13.3 8.1 12.1#

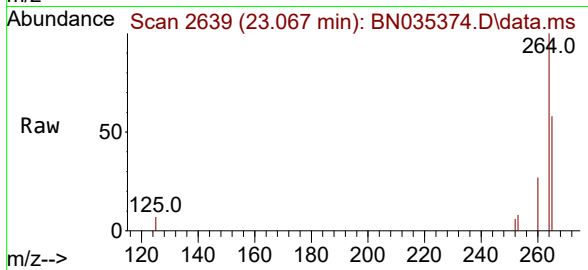
122 15.8 10.3 15.5#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.067 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN035374.D
Acq: 28 Nov 2024 08:26

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241121



Tgt Ion:264 Resp: 7953
Ion Ratio Lower Upper
264 100
260 26.9 21.4 32.2
265 58.1 40.2 60.4

