

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034127.D
 Acq On : 21 Sep 2024 16:39
 Operator : JU/RC
 Sample : P4116-17
 Misc :
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20240917

Quant Time: Sep 22 23:59:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

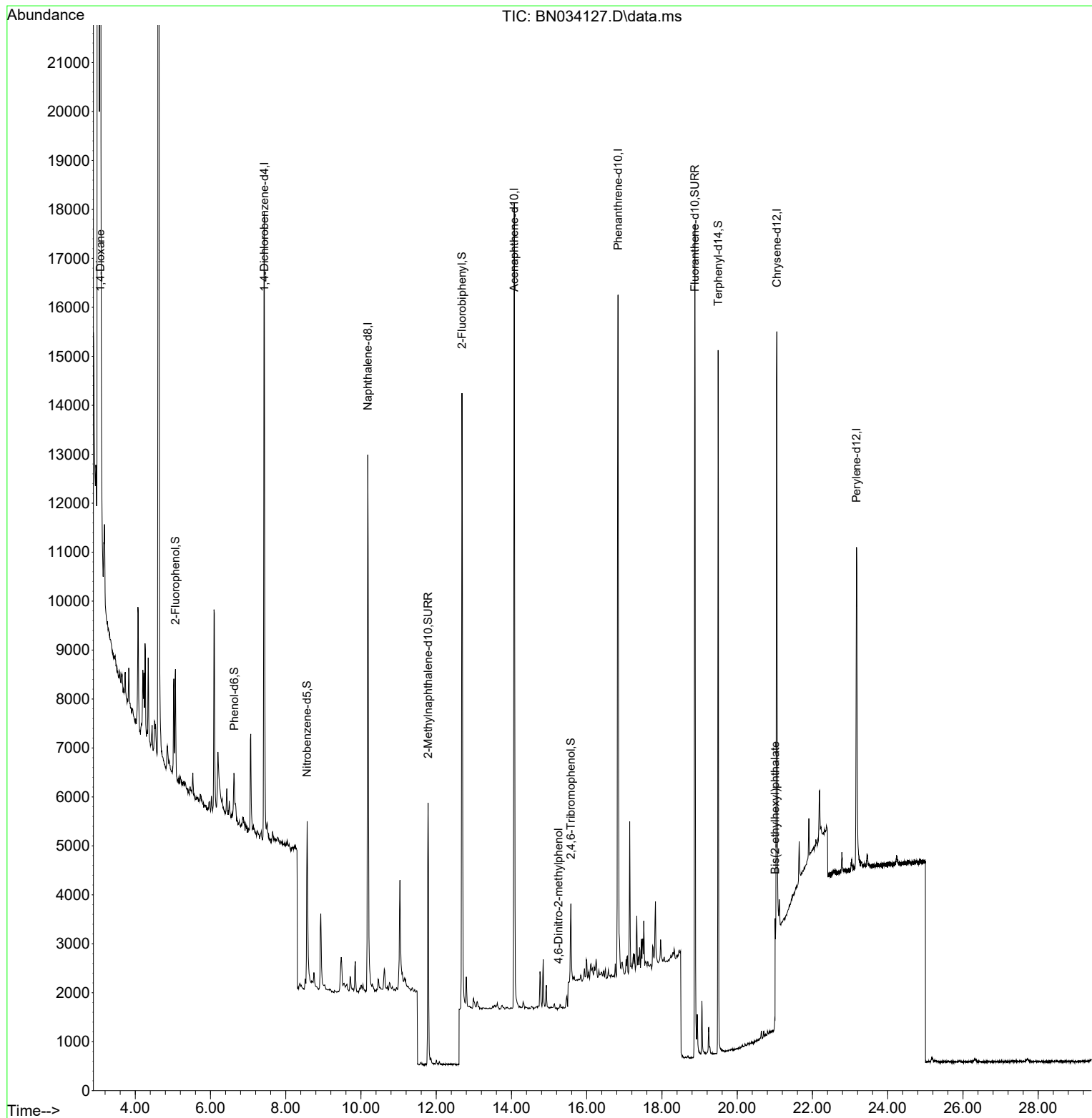
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	5590	0.400	ng	0.00
7) Naphthalene-d8	10.180	136	15625	0.400	ng	#-0.02
13) Acenaphthene-d10	14.072	164	9237	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	19840	0.400	ng	0.00
29) Chrysene-d12	21.053	240	13136	0.400	ng	# 0.00
35) Perylene-d12	23.171	264	9143	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1663	0.105	ng	0.00
5) Phenol-d6	6.629	99	1046	0.057	ng	0.00
8) Nitrobenzene-d5	8.568	82	3461	0.290	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	7502	0.325	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	946	0.226	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	11930	0.318	ng	-0.02
27) Fluoranthene-d10	18.876	212	19117	0.382	ng	-0.01
31) Terphenyl-d14	19.494	244	12494	0.476	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.068	88	58355	8.350	ng	# 88
20) 4,6-Dinitro-2-methylph...	15.248	198	5	0.139	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.008	149	1359	0.079	ng	# 76

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

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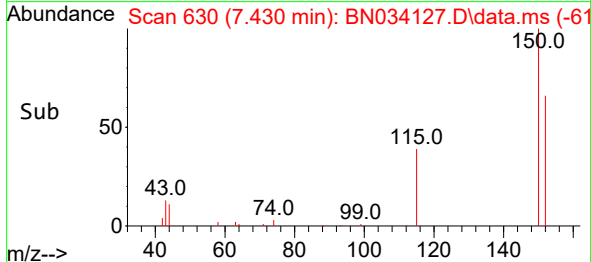
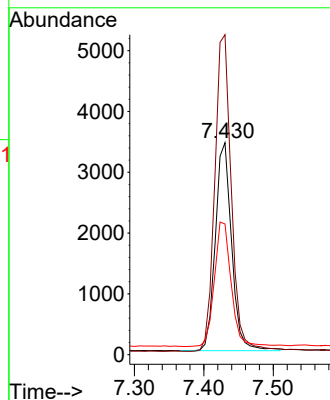
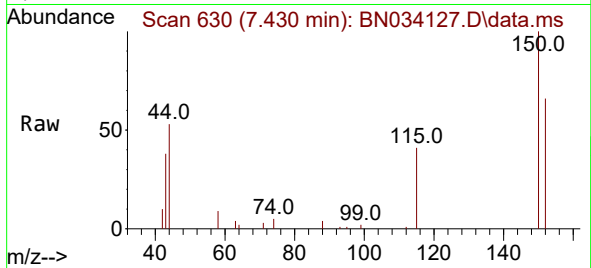




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.430 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034127.D
Acq: 21 Sep 2024 16:39

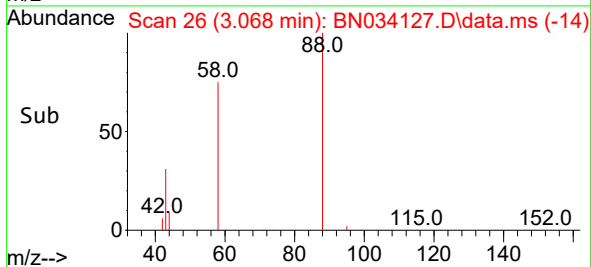
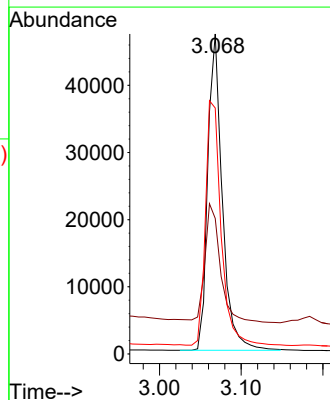
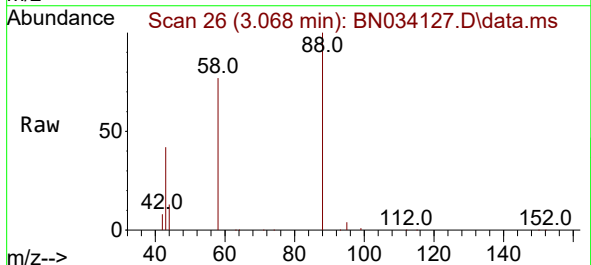
Instrument :
BNA_N
ClientSampleId :
RE131D2-20240917

Tgt Ion:152 Resp: 5590
Ion Ratio Lower Upper
152 100
150 151.0 124.6 187.0
115 61.7 50.0 75.0



#2
1,4-Dioxane
Concen: 8.350 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034127.D
Acq: 21 Sep 2024 16:39

Tgt Ion: 88 Resp: 58355
Ion Ratio Lower Upper
88 100
43 39.9 25.8 38.8#
58 83.2 58.8 88.2

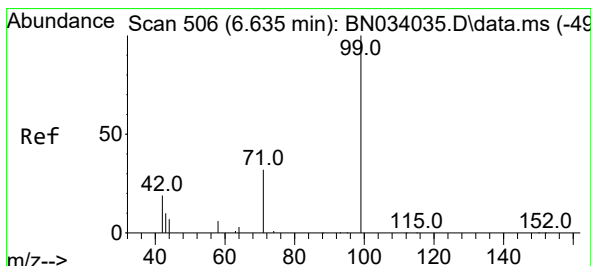
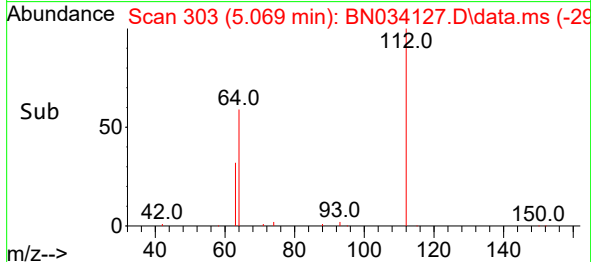
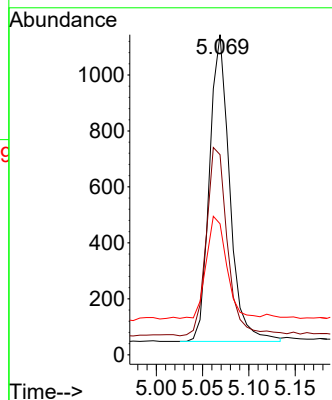
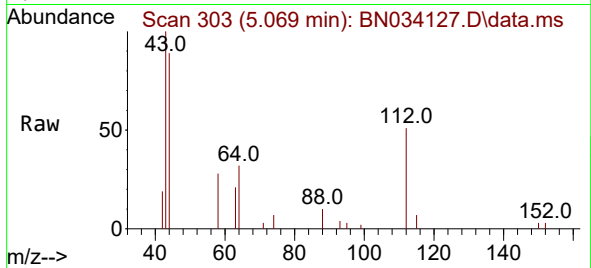




#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034127.D
Acq: 21 Sep 2024 16:39

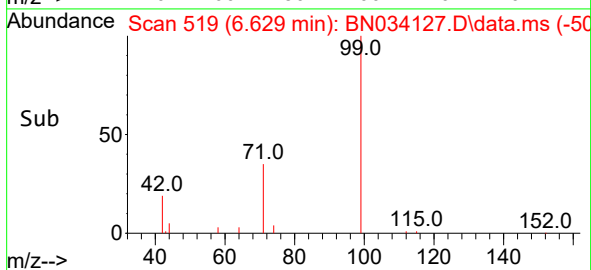
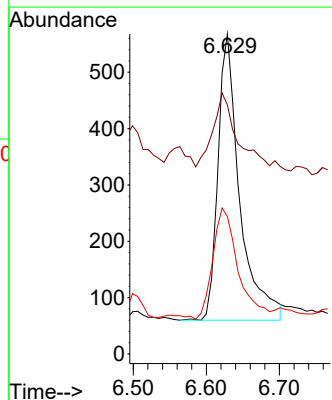
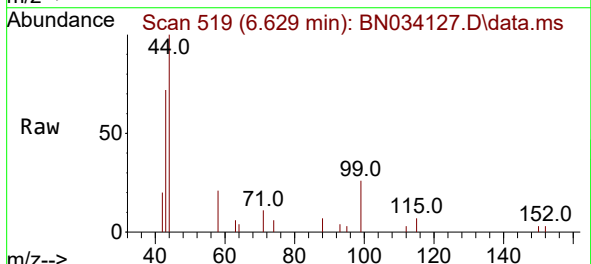
Instrument :
BNA_N
ClientSampleId :
RE131D2-20240917

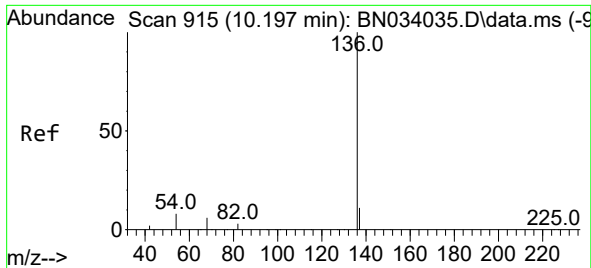
Tgt Ion:112 Resp: 1663
Ion Ratio Lower Upper
112 100
64 64.7 48.6 72.8
63 33.6 25.6 38.4



#5
Phenol-d6
Concen: 0.057 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034127.D
Acq: 21 Sep 2024 16:39

Tgt Ion: 99 Resp: 1046
Ion Ratio Lower Upper
99 100
42 28.1 17.8 26.8#
71 45.1 26.2 39.2#

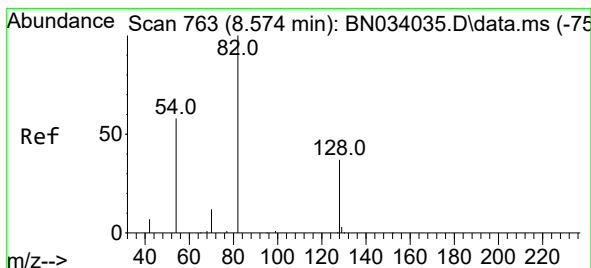
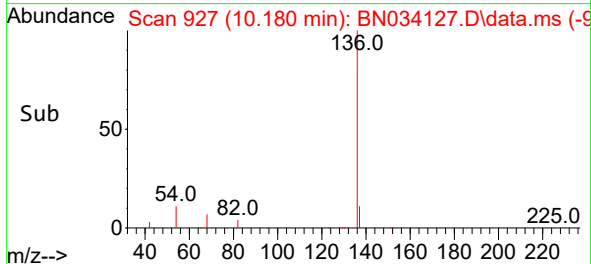
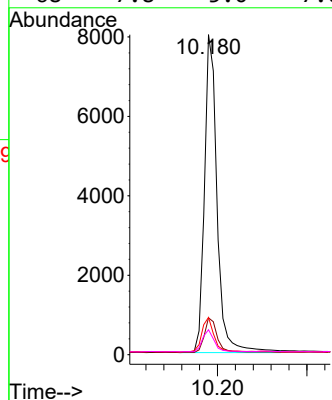
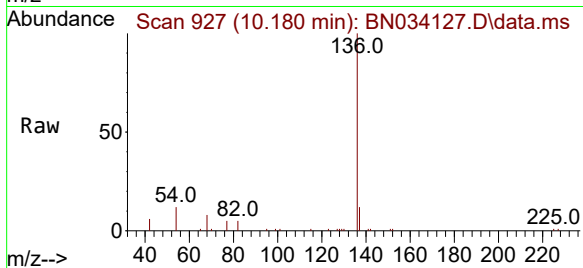




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034127.D
Acq: 21 Sep 2024 16:39

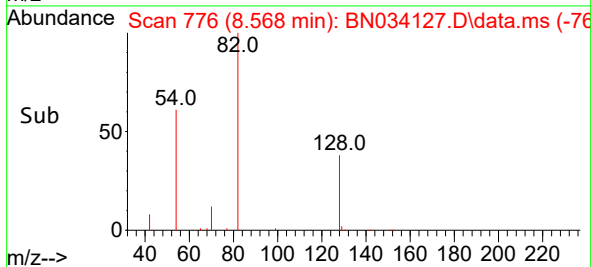
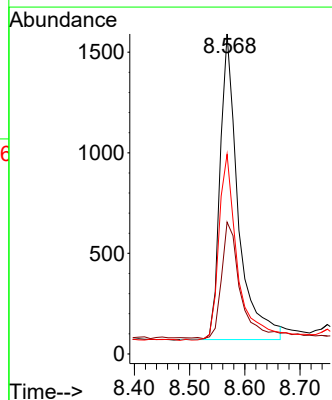
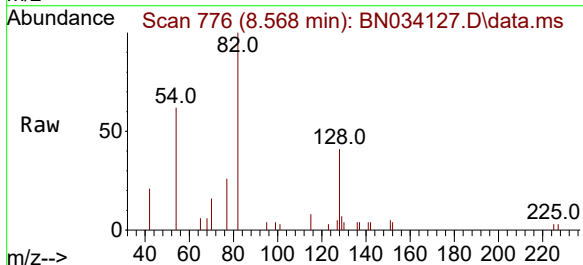
Instrument :
BNA_N
ClientSampleId :
RE131D2-20240917

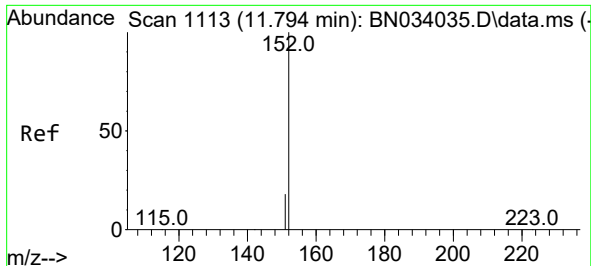
Tgt Ion:	136	Resp:	15625
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.6
54	11.6	6.8	10.2#
68	7.8	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034127.D
Acq: 21 Sep 2024 16:39

Tgt Ion:	82	Resp:	3461
Ion Ratio	Lower	Upper	
82	100		
128	41.2	31.4	47.2
54	62.4	47.4	71.0

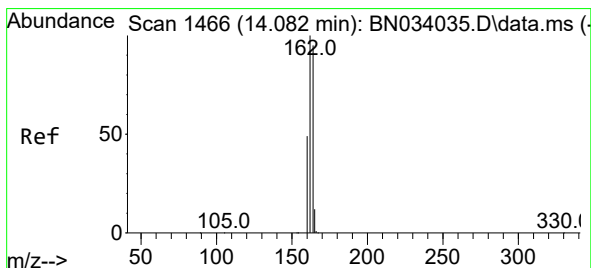
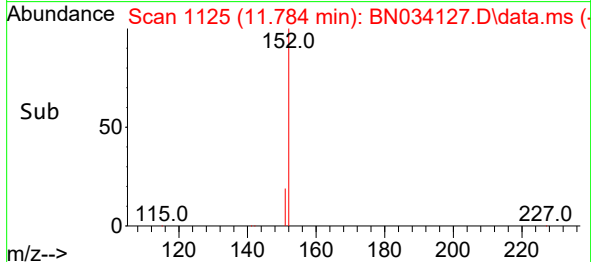
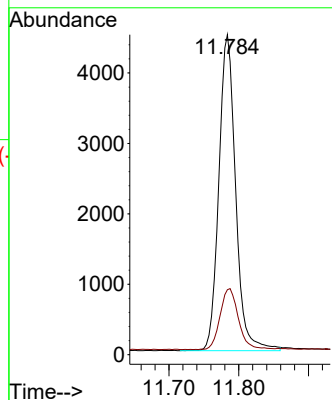
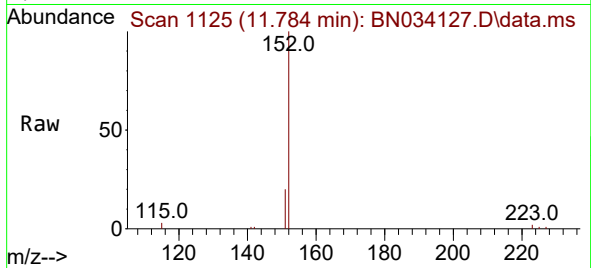




#11
2-Methylnaphthalene-d10
Concen: 0.325 ng
RT: 11.784 min Scan# 1113
Delta R.T. -0.010 min
Lab File: BN034127.D
Acq: 21 Sep 2024 16:39

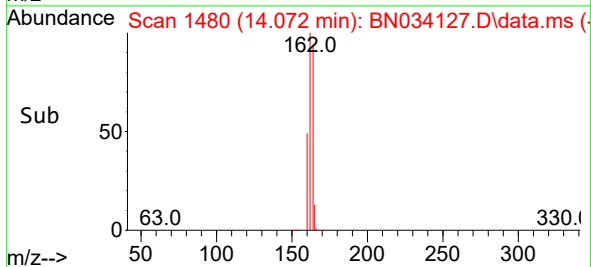
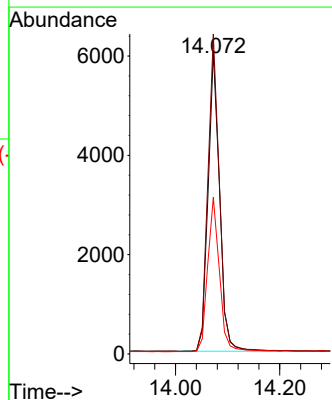
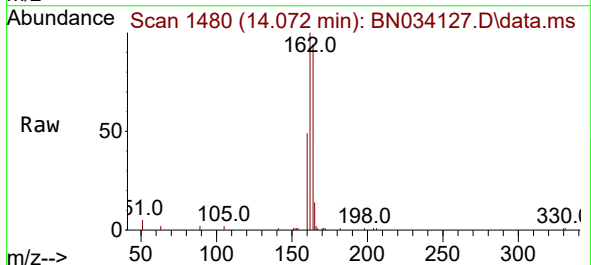
Instrument :
BNA_N
ClientSampleId :
RE131D2-20240917

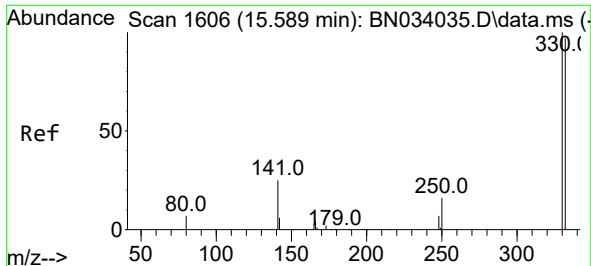
Tgt Ion:152 Resp: 7502
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.072 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BN034127.D
Acq: 21 Sep 2024 16:39

Tgt Ion:164 Resp: 9237
Ion Ratio Lower Upper
164 100
162 105.8 84.2 126.2
160 51.8 41.7 62.5

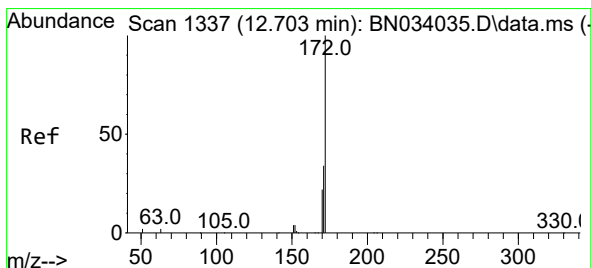
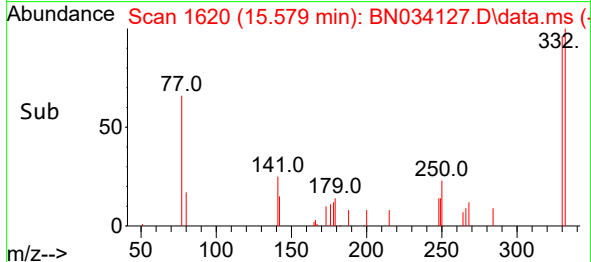
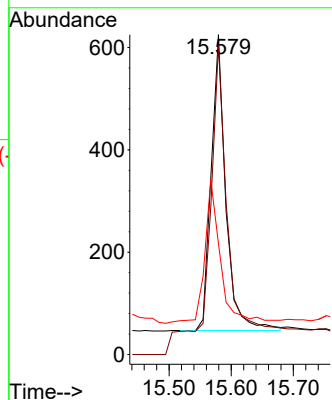
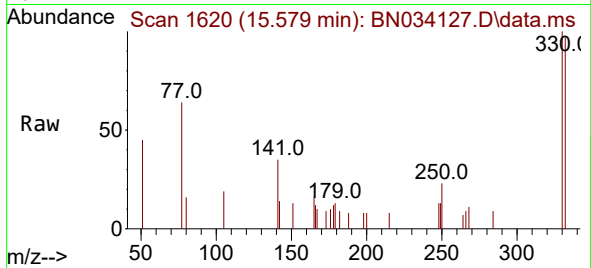




#14
2,4,6-Tribromophenol
Concen: 0.226 ng
RT: 15.579 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034127.D
Acq: 21 Sep 2024 16:39

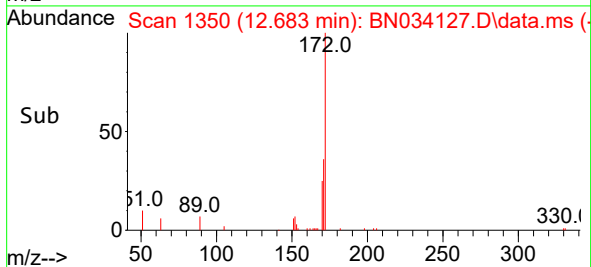
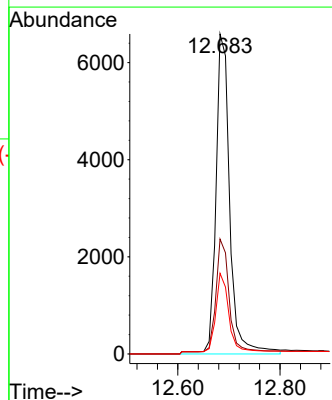
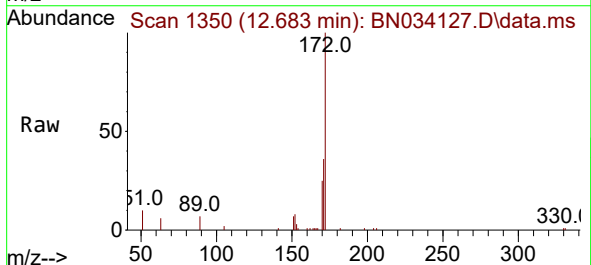
Instrument :
BNA_N
ClientSampleId :
RE131D2-20240917

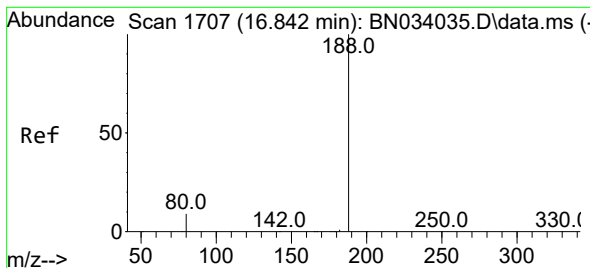
Tgt Ion:330 Resp: 946
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 48.7 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 12.683 min Scan# 1350
Delta R.T. -0.020 min
Lab File: BN034127.D
Acq: 21 Sep 2024 16:39

Tgt Ion:172 Resp: 11930
Ion Ratio Lower Upper
172 100
171 35.9 27.3 40.9
170 25.2 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.833 min Scan# 11

Delta R.T. -0.009 min

Lab File: BN034127.D

Acq: 21 Sep 2024 16:39

Instrument :

BNA_N

ClientSampleId :

RE131D2-20240917

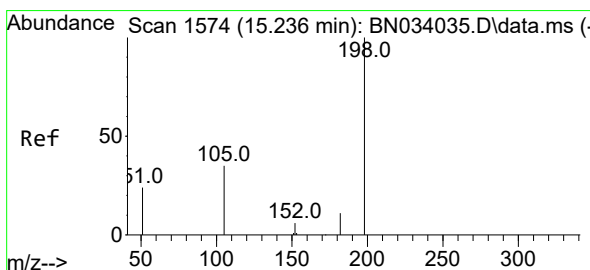
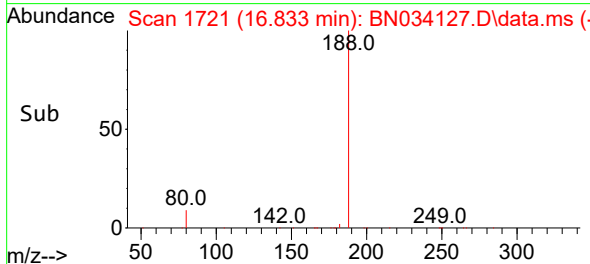
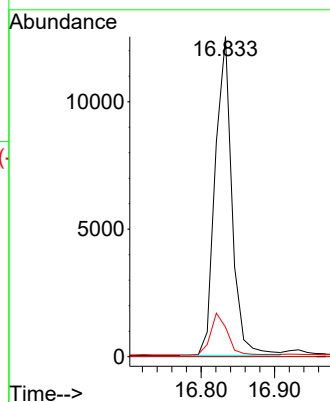
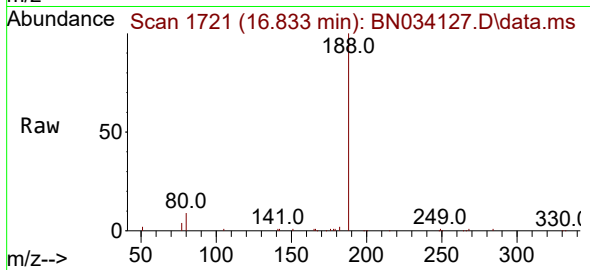
Tgt Ion:188 Resp: 19840

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.2 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.139 ng

RT: 15.248 min Scan# 1590

Delta R.T. 0.012 min

Lab File: BN034127.D

Acq: 21 Sep 2024 16:39

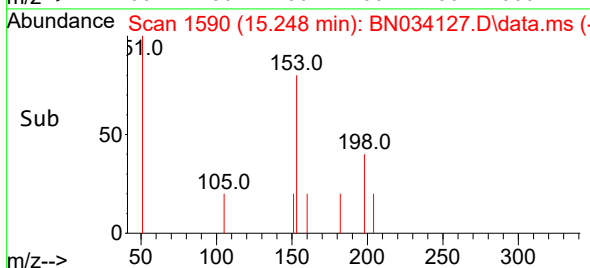
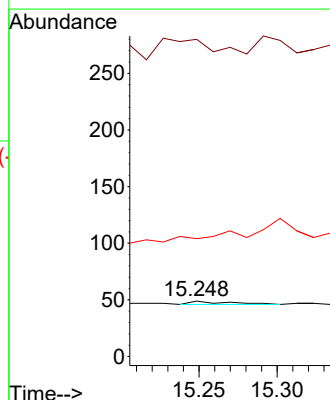
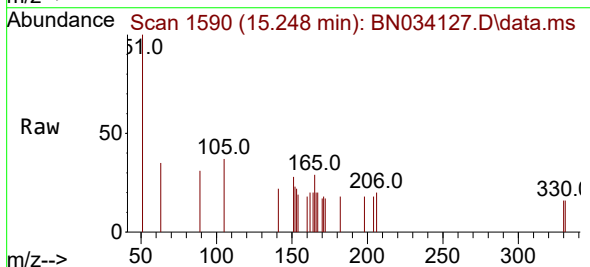
Tgt Ion:198 Resp: 5

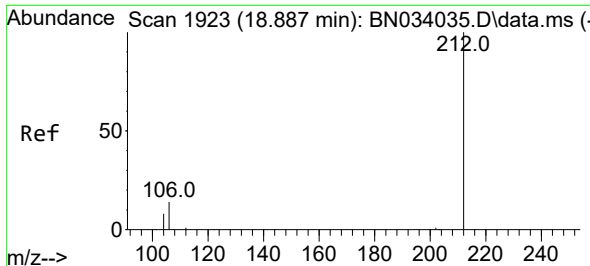
Ion Ratio Lower Upper

198 100

51 571.4 106.4 159.6#

105 212.2 38.5 57.7#

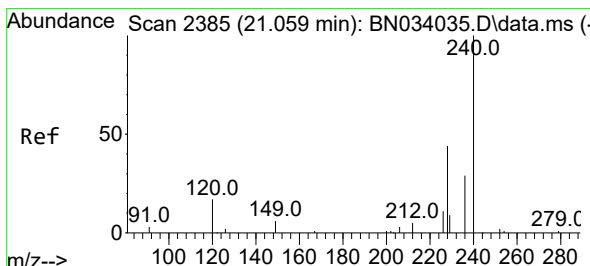
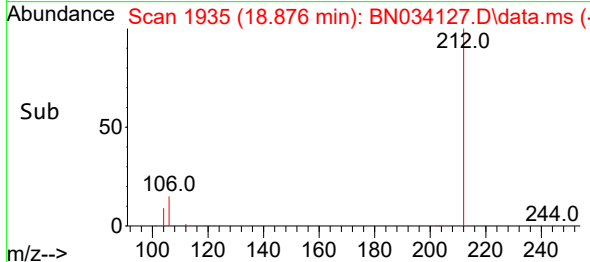
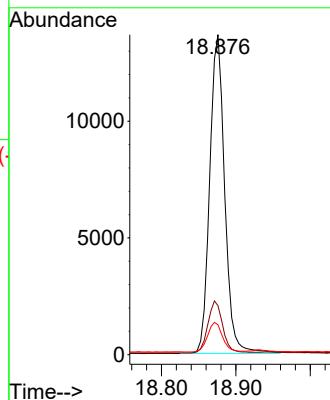
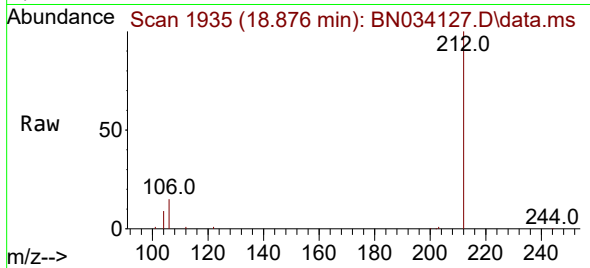




#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 18.876 min Scan# 1923
Delta R.T. -0.011 min
Lab File: BN034127.D
Acq: 21 Sep 2024 16:39

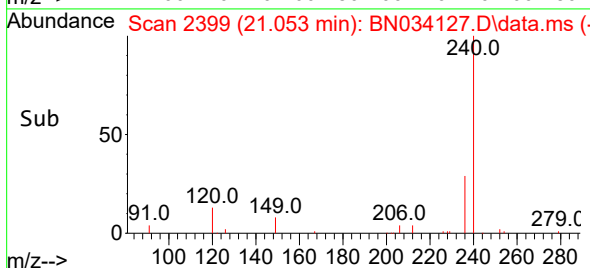
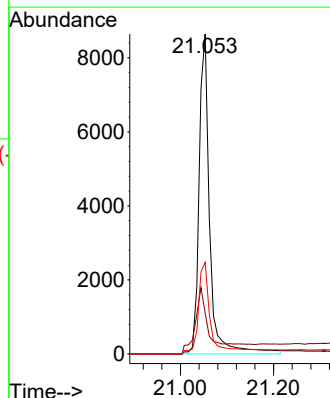
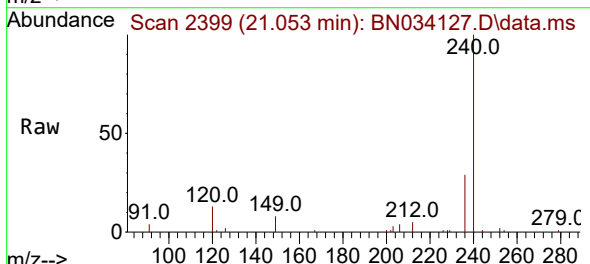
Instrument :
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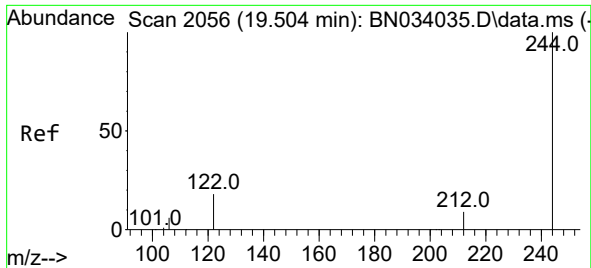
Tgt Ion:212 Resp: 19117
Ion Ratio Lower Upper
212 100
106 16.2 13.4 20.2
104 9.2 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BN034127.D
Acq: 21 Sep 2024 16:39

Tgt Ion:240 Resp: 13136
Ion Ratio Lower Upper
240 100
120 12.7 13.5 20.3#
236 28.7 23.4 35.0

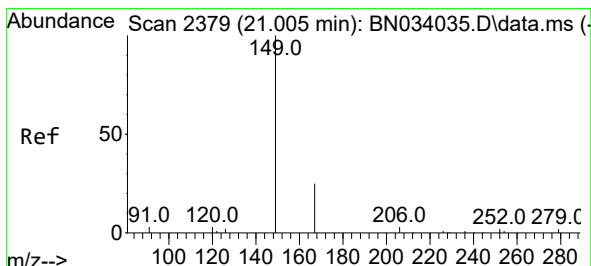
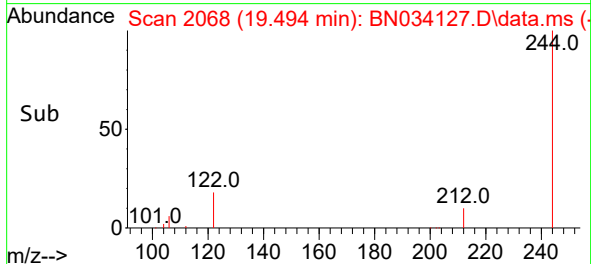
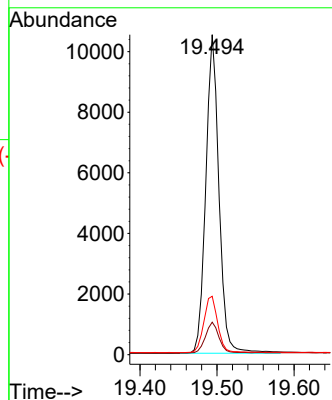
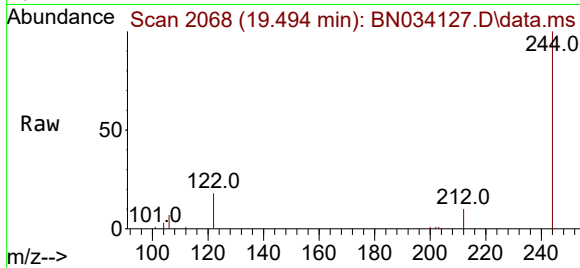




#31
 Terphenyl-d14
 Concen: 0.476 ng
 RT: 19.494 min Scan# 2056
 Delta R.T. -0.011 min
 Lab File: BN034127.D
 Acq: 21 Sep 2024 16:39

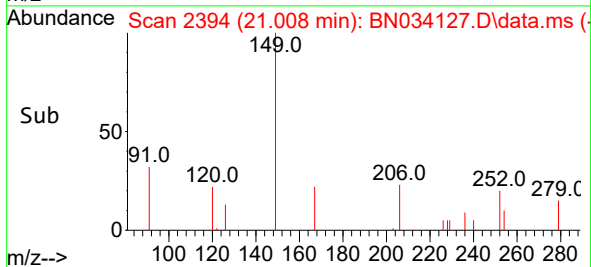
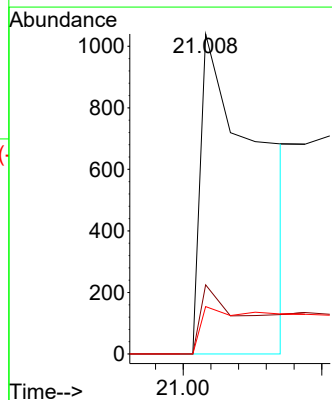
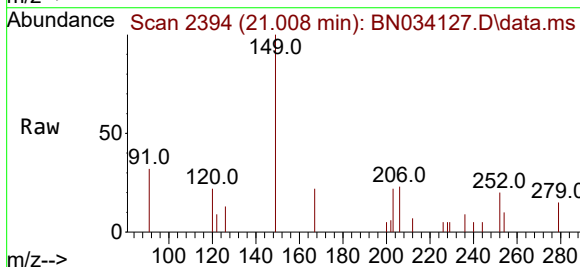
Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20240917

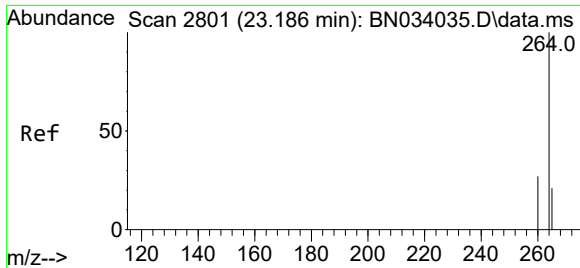
Tgt Ion:244 Resp: 12494
 Ion Ratio Lower Upper
 244 100
 212 10.1 7.8 11.6
 122 18.3 14.8 22.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.079 ng
 RT: 21.008 min Scan# 2394
 Delta R.T. 0.003 min
 Lab File: BN034127.D
 Acq: 21 Sep 2024 16:39

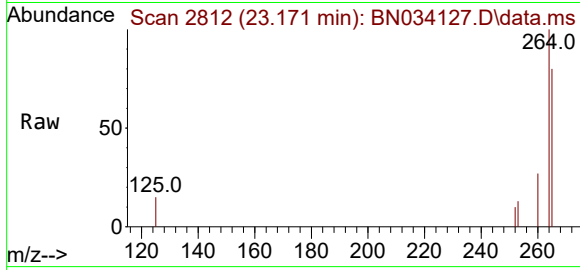
Tgt Ion:149 Resp: 1359
 Ion Ratio Lower Upper
 149 100
 167 14.2 19.9 29.9#
 279 17.4 4.6 6.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.171 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN034127.D
Acq: 21 Sep 2024 16:39

Instrument :
BNA_N
ClientSampleId :
RE131D2-20240917



Tgt Ion:264 Resp: 9143
Ion Ratio Lower Upper
264 100
260 26.9 21.7 32.5
265 79.6 52.1 78.1#

