

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
 Data File : BN034524.D
 Acq On : 10 Oct 2024 16:55
 Operator : RC/JU
 Sample : P4263-06
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20240930

Quant Time: Oct 10 17:51:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

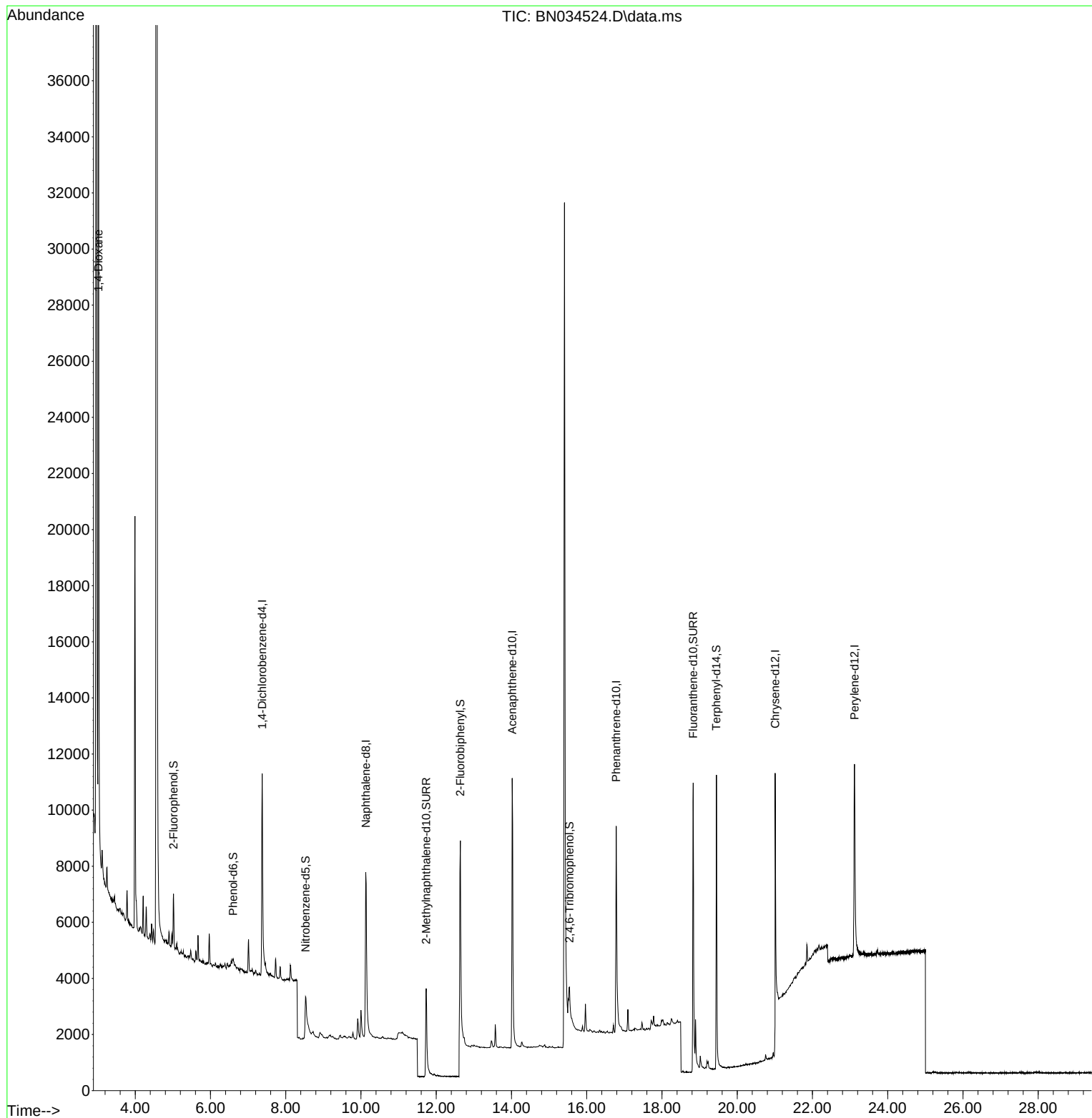
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	4252	0.400	ng	-0.02
7) Naphthalene-d8	10.127	136	12054	0.400	ng	-0.02
13) Acenaphthene-d10	14.019	164	6850	0.400	ng	-0.03
19) Phenanthrene-d10	16.784	188	13020	0.400	ng	#-0.02
29) Chrysene-d12	21.008	240	7655	0.400	ng	0.00
35) Perylene-d12	23.116	264	10465	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	1613	0.134	ng	-0.01
5) Phenol-d6	6.600	99	589	0.042	ng	0.00
8) Nitrobenzene-d5	8.525	82	2428	0.263	ng	-0.01
11) 2-Methylnaphthalene-d10	11.731	152	6299	0.354	ng	-0.02
14) 2,4,6-Tribromophenol	15.542	330	923	0.297	ng	0.00
15) 2-Fluorobiphenyl	12.640	172	8911	0.320	ng	-0.02
27) Fluoranthene-d10	18.829	212	13718	0.418	ng	-0.02
31) Terphenyl-d14	19.447	244	11027	0.721	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.025	88	19993	3.761	ng	Qvalue 99

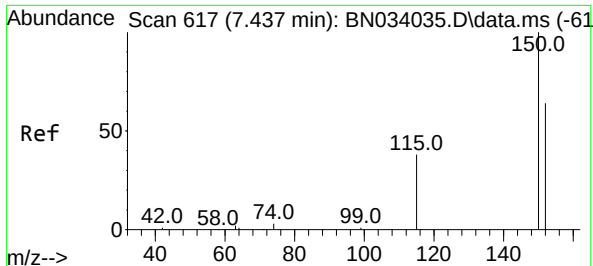
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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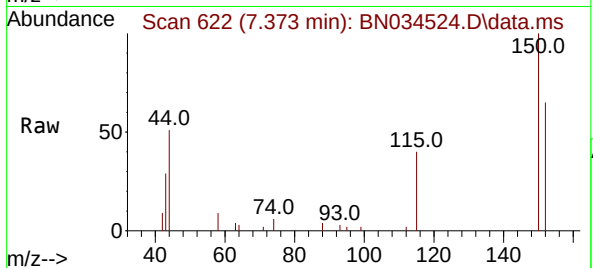
Quant Time: Oct 10 17:51:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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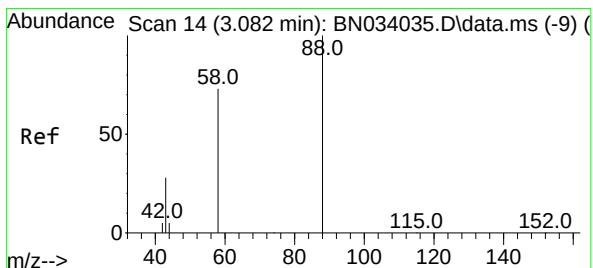
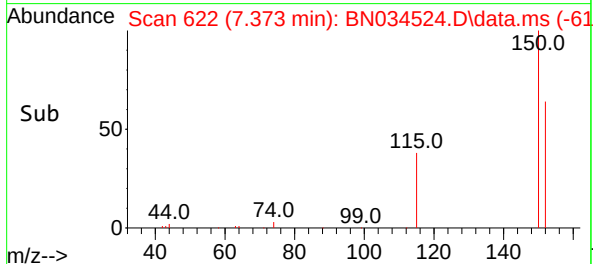
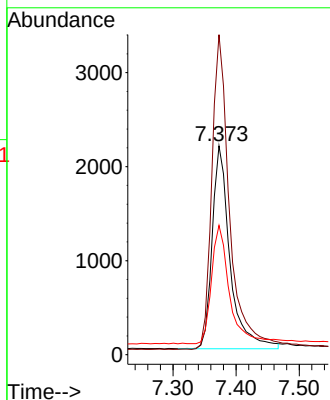


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN034524.D
Acq: 10 Oct 2024 16:55

Instrument :
BNA_N
ClientSampleId :
RE114D2-20240930

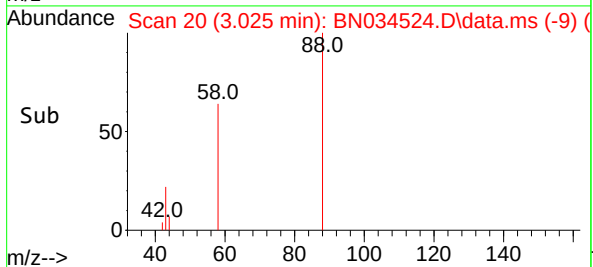
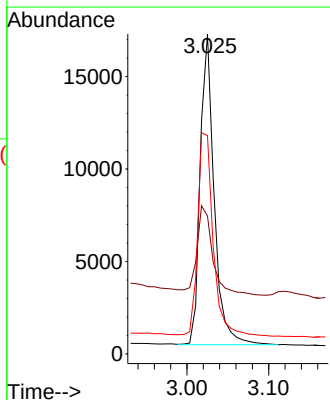
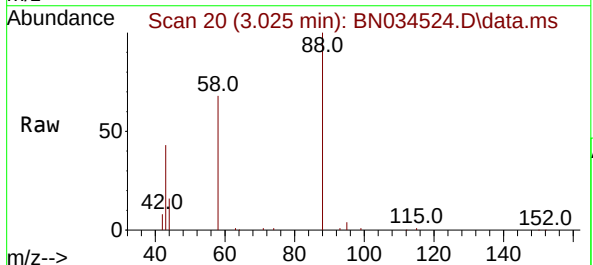


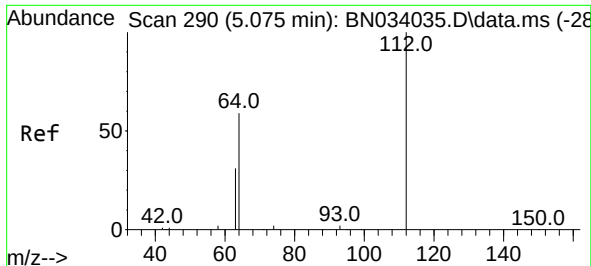
Tgt Ion:152 Resp: 4252
Ion Ratio Lower Upper
152 100
150 153.3 124.6 187.0
115 62.0 50.0 75.0



#2
1,4-Dioxane
Concen: 3.761 ng
RT: 3.025 min Scan# 20
Delta R.T. -0.022 min
Lab File: BN034524.D
Acq: 10 Oct 2024 16:55

Tgt Ion: 88 Resp: 19993
Ion Ratio Lower Upper
88 100
43 32.4 25.8 38.8
58 72.8 58.8 88.2

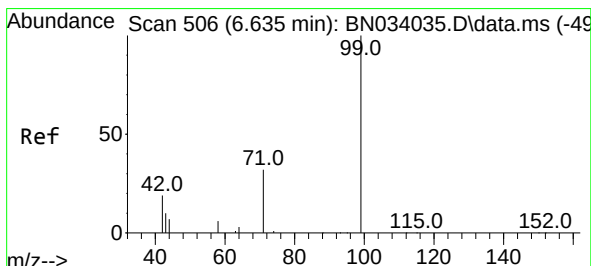
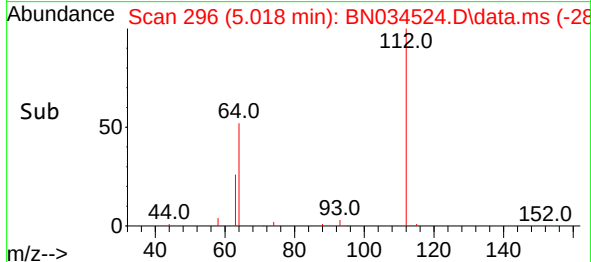
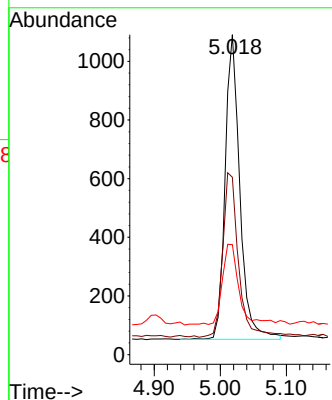
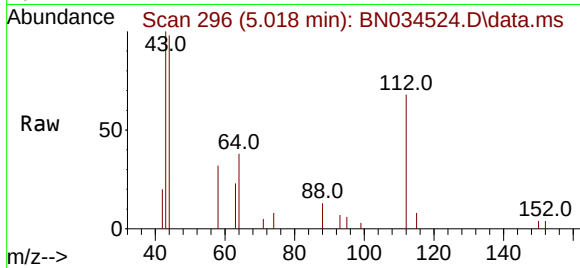




#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.018 min Scan# 290
Delta R.T. -0.014 min
Lab File: BN034524.D
Acq: 10 Oct 2024 16:55

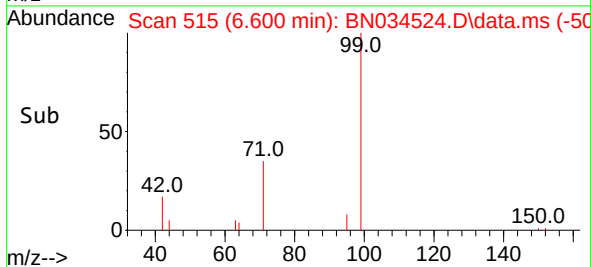
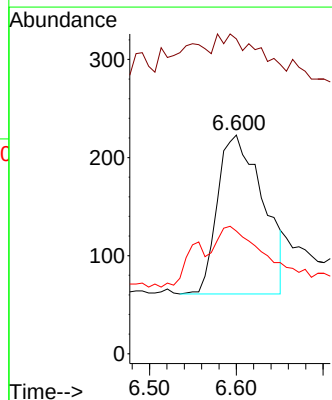
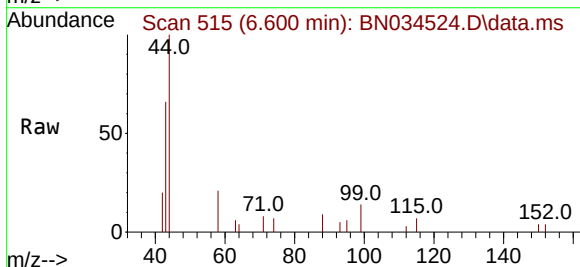
Instrument :
BNA_N
ClientSampleId :
RE114D2-20240930

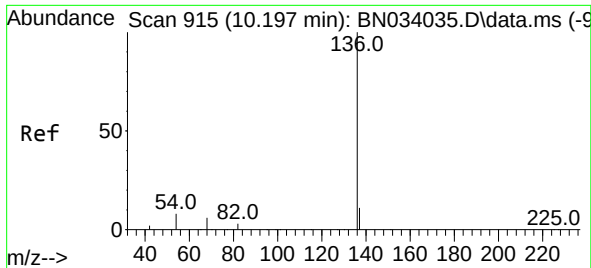
Tgt Ion:112 Resp: 1613
Ion Ratio Lower Upper
112 100
64 57.4 48.6 72.8
63 28.7 25.6 38.4



#5
Phenol-d6
Concen: 0.042 ng
RT: 6.600 min Scan# 515
Delta R.T. 0.000 min
Lab File: BN034524.D
Acq: 10 Oct 2024 16:55

Tgt Ion: 99 Resp: 589
Ion Ratio Lower Upper
99 100
42 0.0 17.8 26.8#
71 22.2 26.2 39.2#

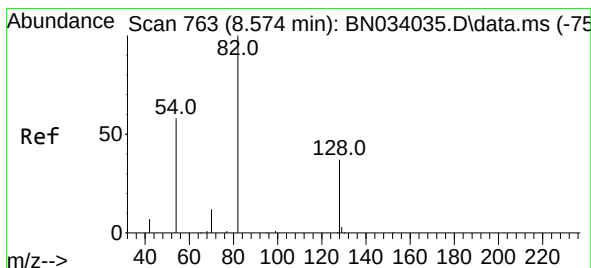
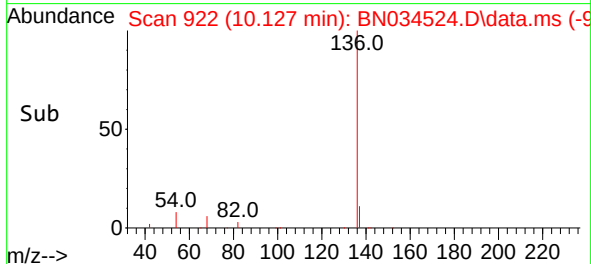
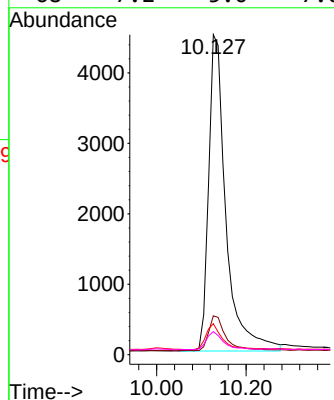
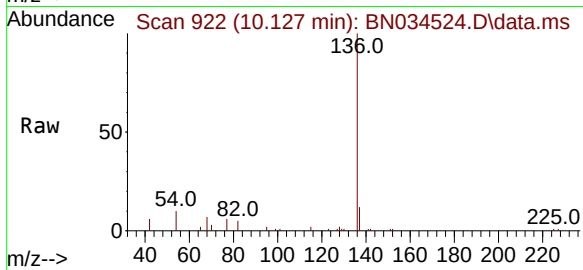




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 915
Delta R.T. -0.021 min
Lab File: BN034524.D
Acq: 10 Oct 2024 16:55

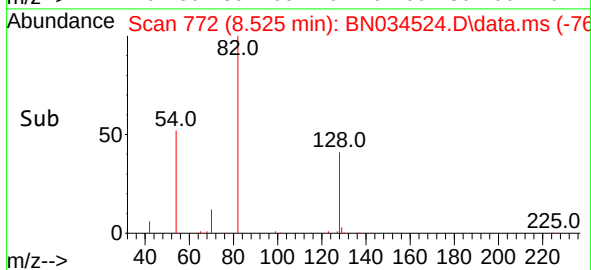
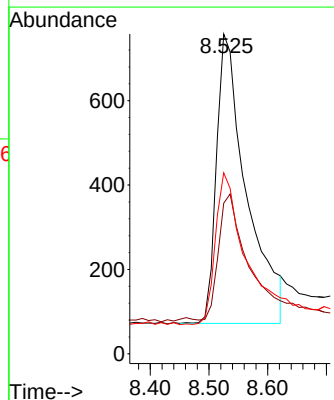
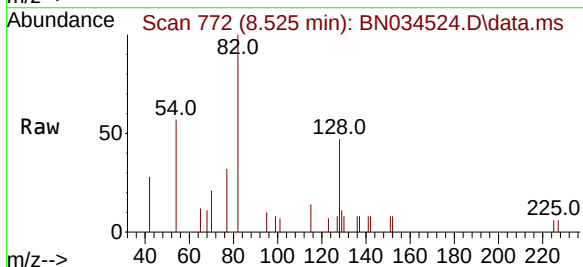
Instrument :
BNA_N
ClientSampleId :
RE114D2-20240930

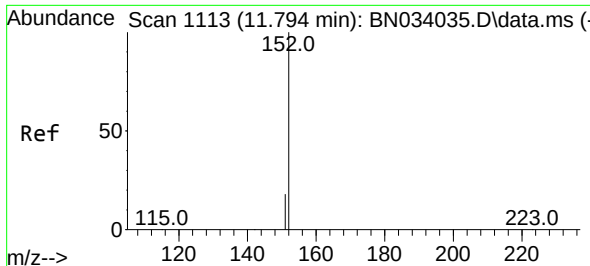
Tgt Ion:	136	Resp:	12054
Ion Ratio	Lower	Upper	
136	100		
137	12.2	9.0	13.6
54	9.7	6.8	10.2
68	7.2	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.263 ng
RT: 8.525 min Scan# 772
Delta R.T. -0.011 min
Lab File: BN034524.D
Acq: 10 Oct 2024 16:55

Tgt Ion:	82	Resp:	2428
Ion Ratio	Lower	Upper	
82	100		
128	47.1	31.4	47.2
54	56.6	47.4	71.0

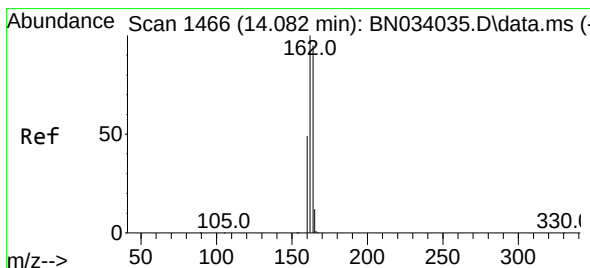
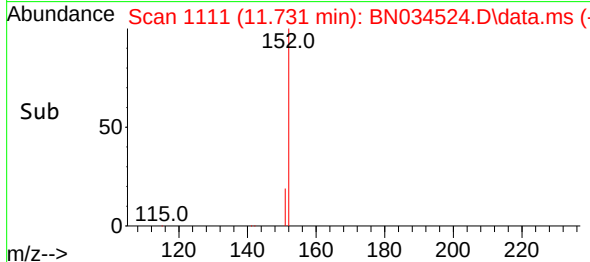
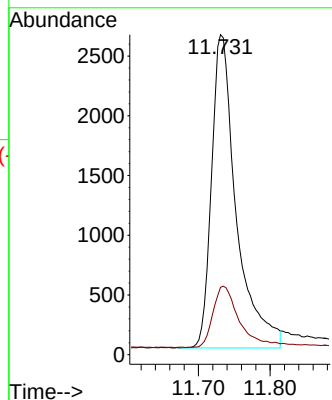
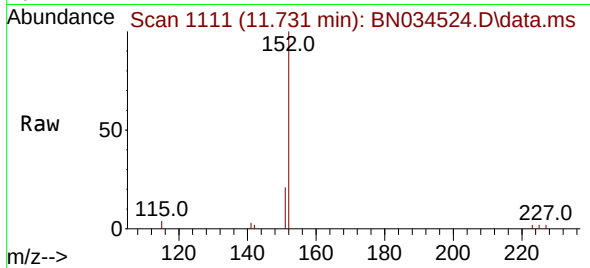




#11
2-Methylnaphthalene-d10
Concen: 0.354 ng
RT: 11.731 min Scan# 1111
Delta R.T. -0.023 min
Lab File: BN034524.D
Acq: 10 Oct 2024 16:55

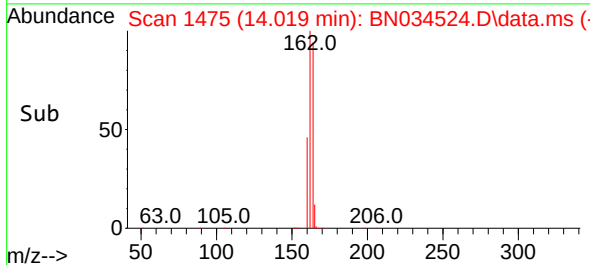
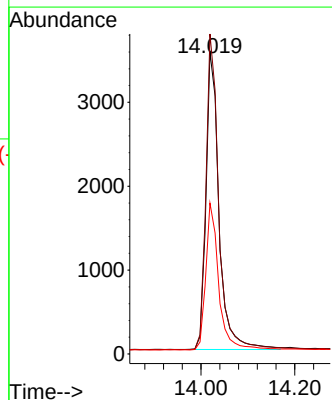
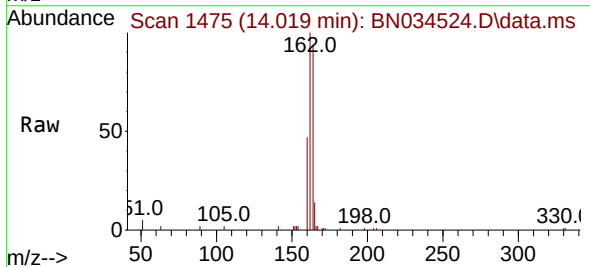
Instrument :
BNA_N
ClientSampleId :
RE114D2-20240930

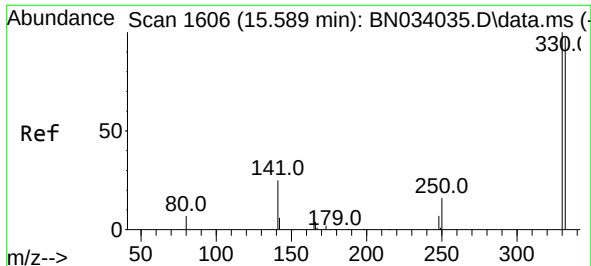
Tgt Ion:152 Resp: 6299
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.019 min Scan# 1475
Delta R.T. -0.028 min
Lab File: BN034524.D
Acq: 10 Oct 2024 16:55

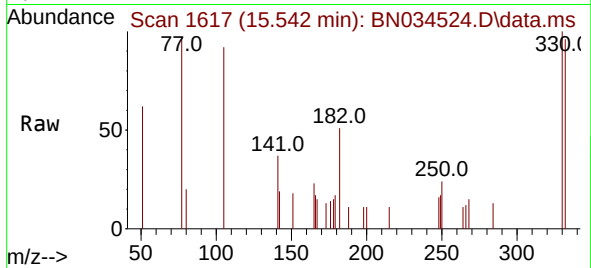
Tgt Ion:164 Resp: 6850
Ion Ratio Lower Upper
164 100
162 106.1 84.2 126.2
160 50.0 41.7 62.5



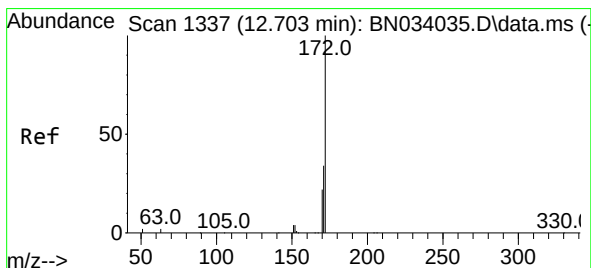
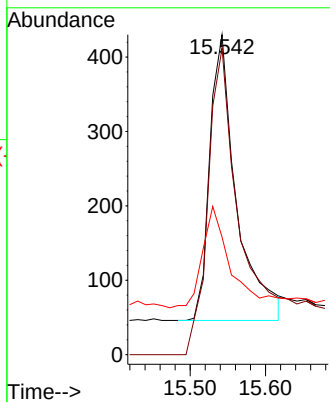
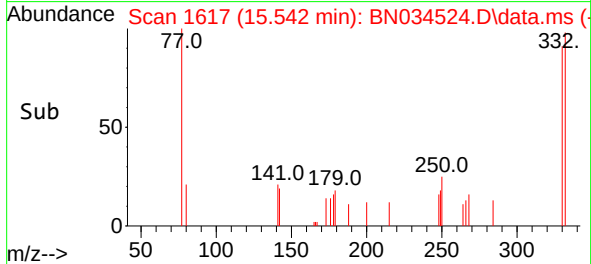


#14
2,4,6-Tribromophenol
Concen: 0.297 ng
RT: 15.542 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN034524.D
Acq: 10 Oct 2024 16:55

Instrument :
BNA_N
ClientSampleId :
RE114D2-20240930

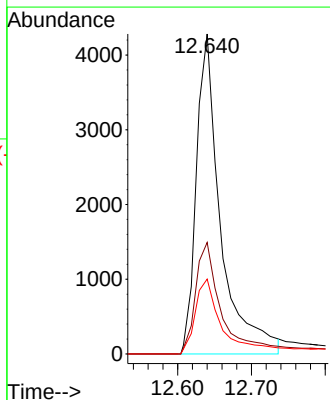
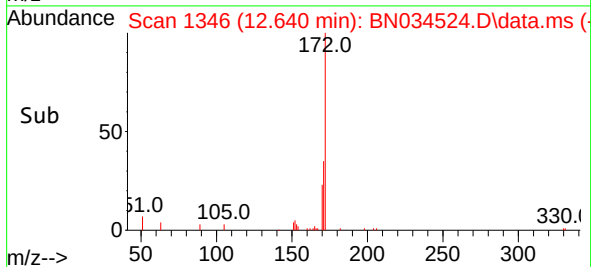
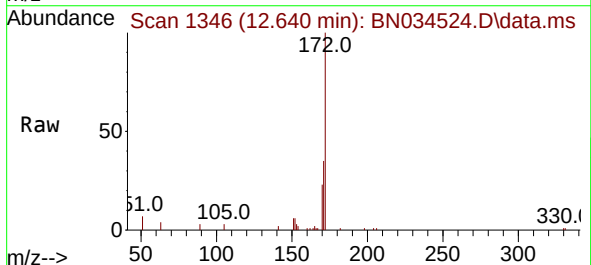


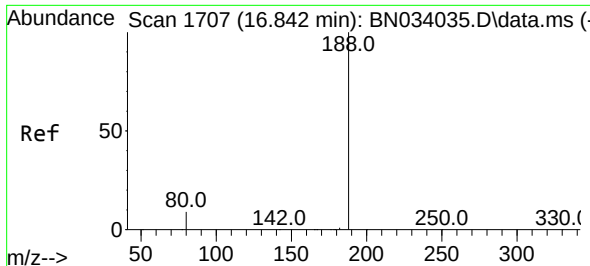
Tgt Ion:330 Resp: 923
Ion Ratio Lower Upper
330 100
332 131.9 77.4 116.0#
141 37.4 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 12.640 min Scan# 1346
Delta R.T. -0.017 min
Lab File: BN034524.D
Acq: 10 Oct 2024 16:55

Tgt Ion:172 Resp: 8911
Ion Ratio Lower Upper
172 100
171 34.8 27.3 40.9
170 23.4 18.1 27.1

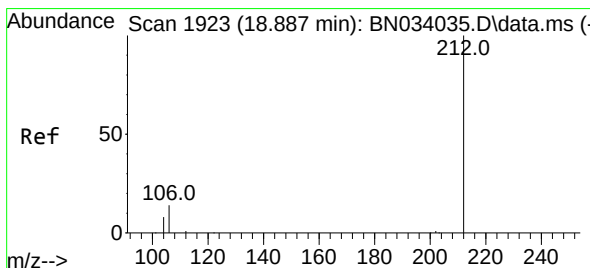
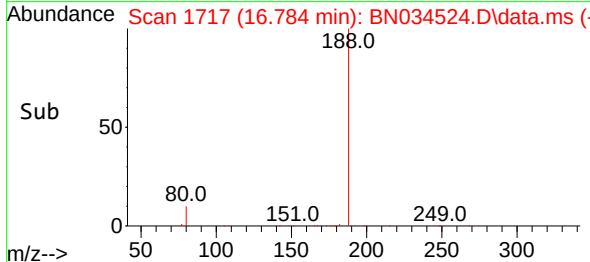
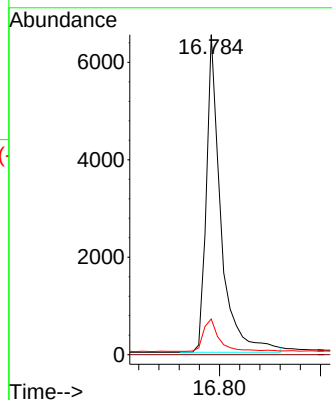
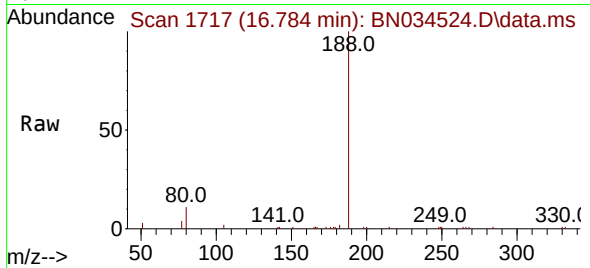




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.784 min Scan# 11
Delta R.T. -0.019 min
Lab File: BN034524.D
Acq: 10 Oct 2024 16:55

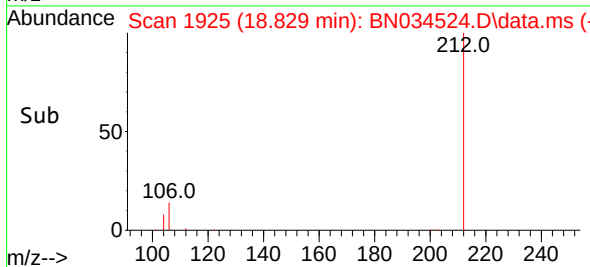
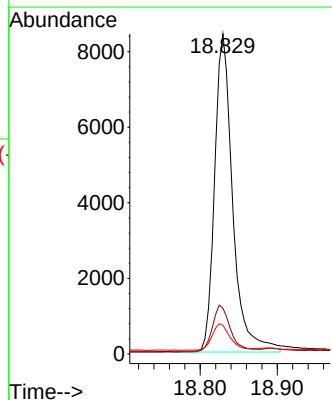
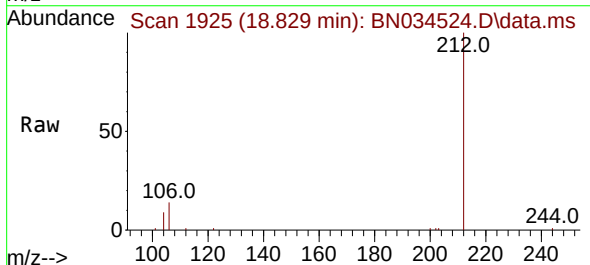
Instrument :
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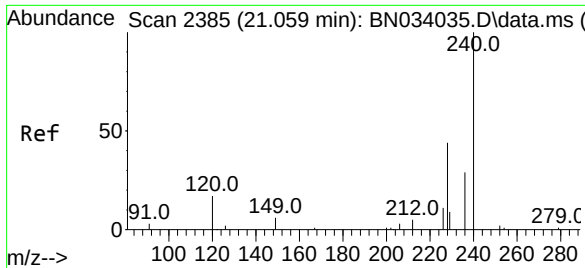
Tgt Ion:188 Resp: 13020
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 7.4 11.0#



#27
Fluoranthene-d10
Concen: 0.418 ng
RT: 18.829 min Scan# 1925
Delta R.T. -0.016 min
Lab File: BN034524.D
Acq: 10 Oct 2024 16:55

Tgt Ion:212 Resp: 13718
Ion Ratio Lower Upper
212 100
106 14.2 13.4 20.2
104 8.3 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.008 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN034524.D

Acq: 10 Oct 2024 16:55

Instrument :

BNA_N

ClientSampleId :

RE114D2-20240930

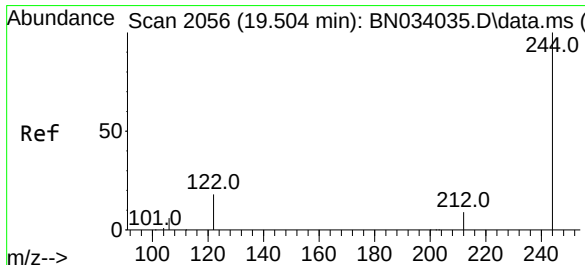
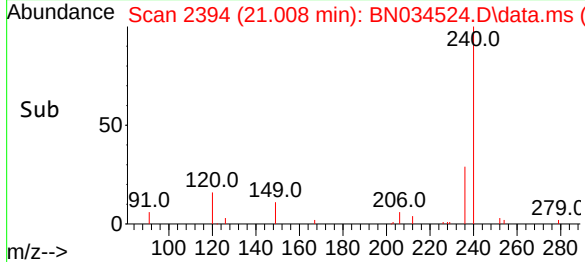
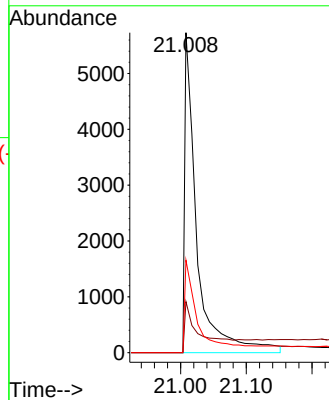
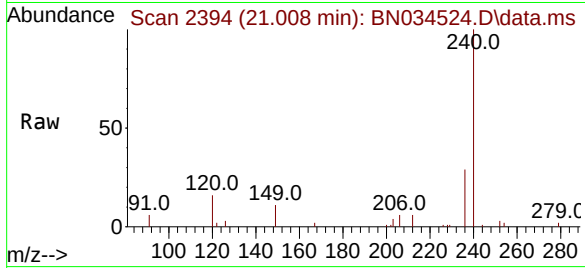
Tgt Ion:240 Resp: 7655

Ion Ratio Lower Upper

240 100

120 15.9 13.5 20.3

236 28.9 23.4 35.0



#31

Terphenyl-d14

Concen: 0.721 ng

RT: 19.447 min Scan# 2058

Delta R.T. -0.021 min

Lab File: BN034524.D

Acq: 10 Oct 2024 16:55

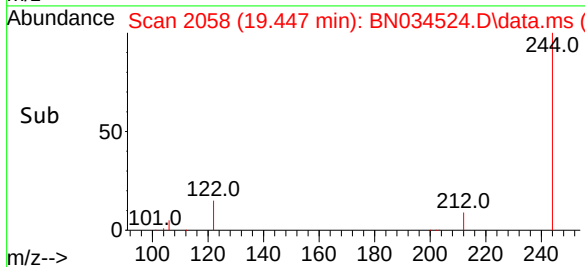
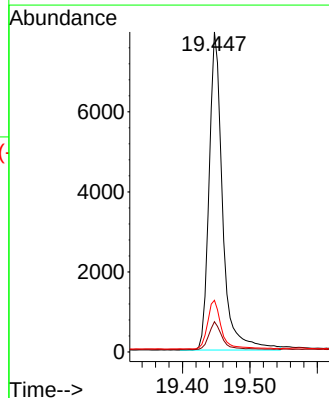
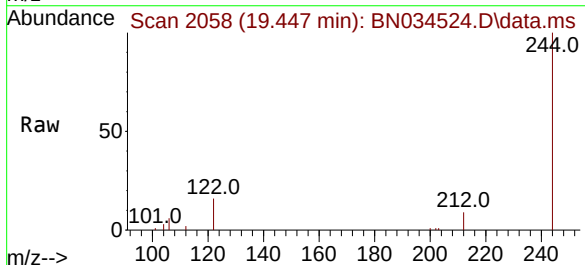
Tgt Ion:244 Resp: 11027

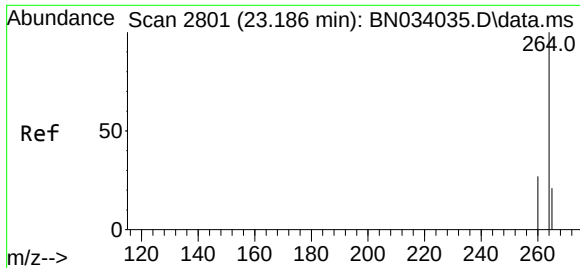
Ion Ratio Lower Upper

244 100

212 9.5 7.8 11.6

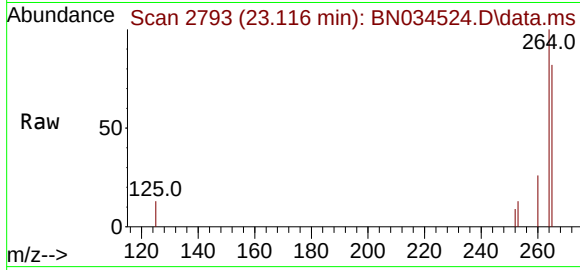
122 16.2 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.116 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN034524.D
 Acq: 10 Oct 2024 16:55

Instrument :
 BNA_N
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 RE114D2-20240930



Tgt Ion:264 Resp: 10465
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.7 32.5
 265 81.9 52.1 78.1#

