

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034148.D
 Acq On : 22 Sep 2024 06:00
 Operator : JU/RC
 Sample : P4116-02
 Misc :
 ALS Vial : 113 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D2-20240916

Quant Time: Sep 23 00:04:02 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)

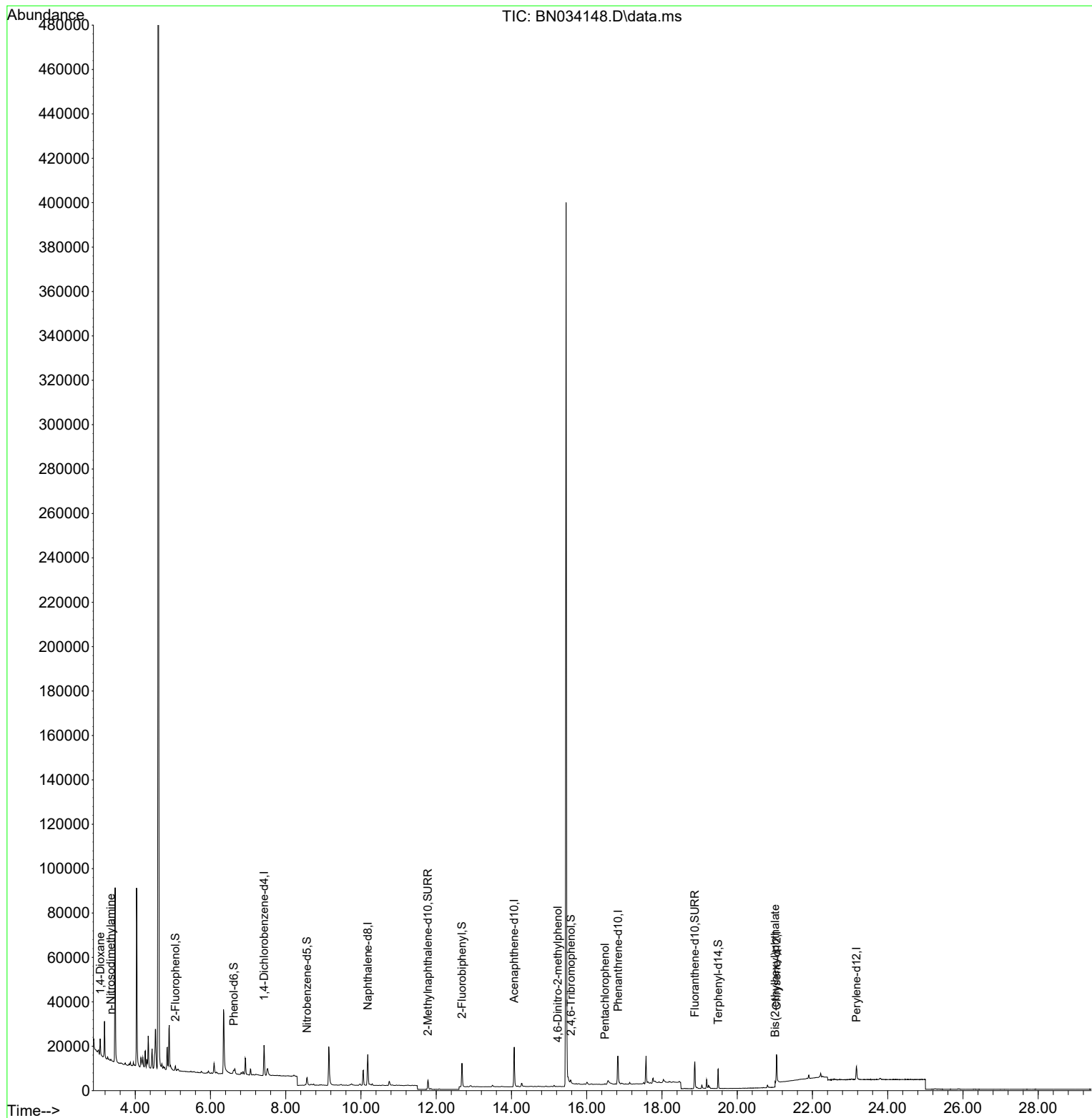
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	6308	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	17705	0.400	ng	-0.02
13) Acenaphthene-d10	14.072	164	9573	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	19888	0.400	ng	0.00
29) Chrysene-d12	21.044	240	12392	0.400	ng	#-0.01
35) Perylene-d12	23.168	264	7751	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1462	0.082	ng	0.00
5) Phenol-d6	6.622	99	1161	0.056	ng	-0.01
8) Nitrobenzene-d5	8.568	82	3239	0.239	ng	0.00
11) 2-Methylnaphthalene-d10	11.780	152	5884	0.225	ng	-0.01
14) 2,4,6-Tribromophenol	15.579	330	804	0.185	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	9648	0.248	ng	-0.02
27) Fluoranthene-d10	18.871	212	12427	0.248	ng	-0.02
31) Terphenyl-d14	19.494	244	8042	0.325	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.068	88	1544	0.196	ng	# 1
3) n-Nitrosodimethylamine	3.350	42	211	0.024	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.227	198	22	0.144	ng	# 1
24) Pentachlorophenol	16.486	266	180	0.043	ng	93
34) Bis(2-ethylhexyl)phtha...	21.008	149	1095	0.067	ng	# 87

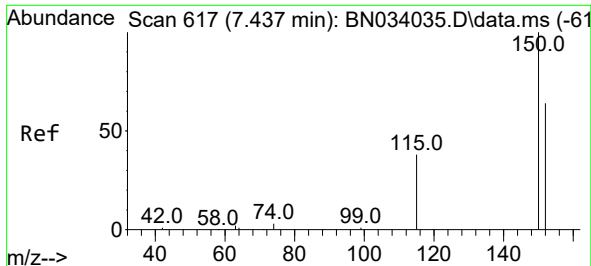
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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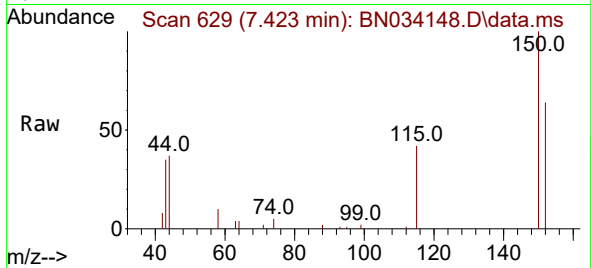
Quant Time: Sep 23 00:04:02 2024
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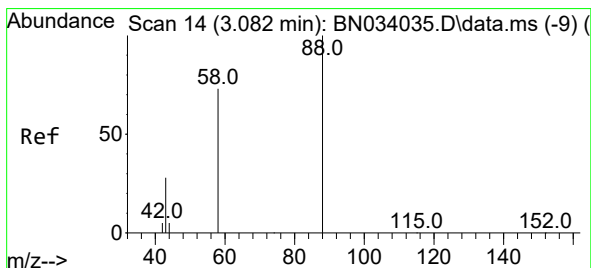
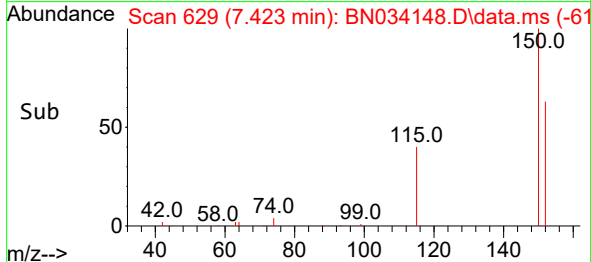
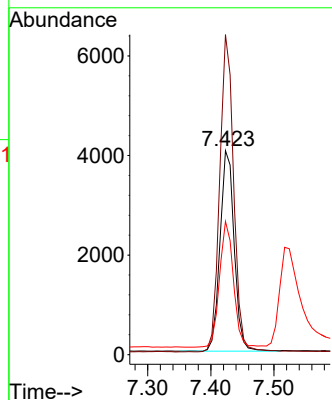


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.423 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

Instrument :
BNA_N
ClientSampleId :
RE123D2-20240916

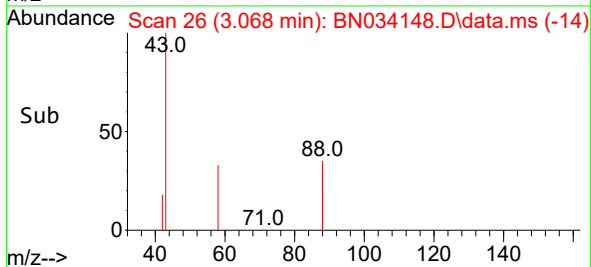
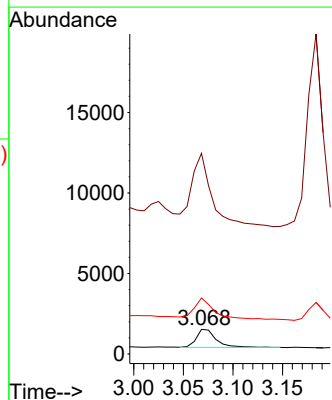
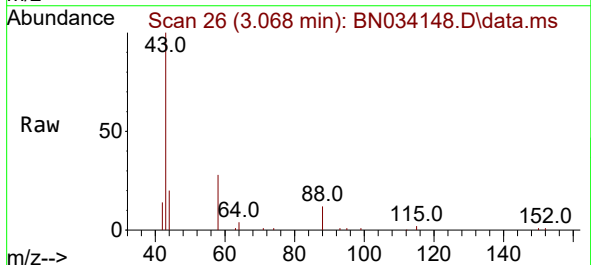


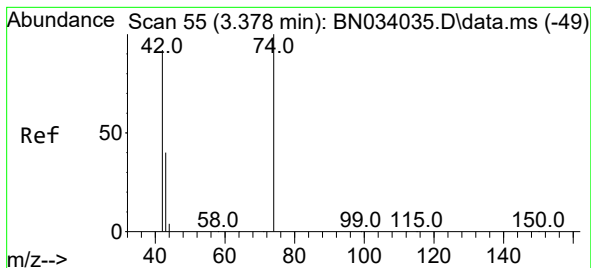
Tgt Ion:152 Resp: 6308
Ion Ratio Lower Upper
152 100
150 156.9 124.6 187.0
115 65.3 50.0 75.0



#2
1,4-Dioxane
Concen: 0.196 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

Tgt Ion: 88 Resp: 1544
Ion Ratio Lower Upper
88 100
43 415.5 25.8 38.8#
58 120.1 58.8 88.2#





#3

n-Nitrosodimethylamine

Concen: 0.024 ng

RT: 3.350 min Scan# 61

Delta R.T. -0.028 min

Lab File: BN034148.D

Acq: 22 Sep 2024 06:00

Instrument :

BNA_N

ClientSampleId :

RE123D2-20240916

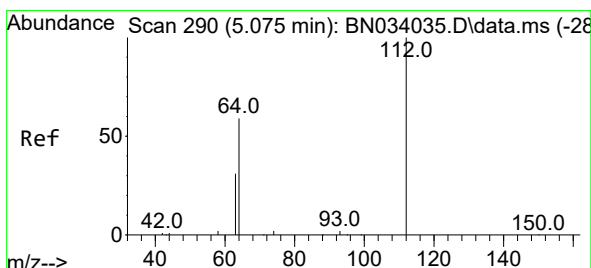
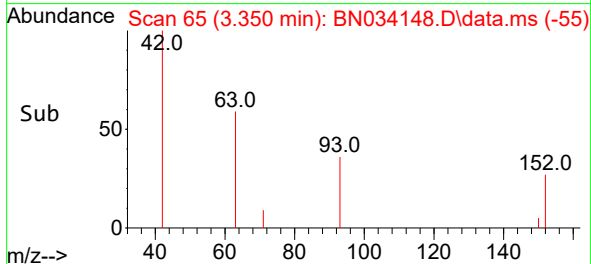
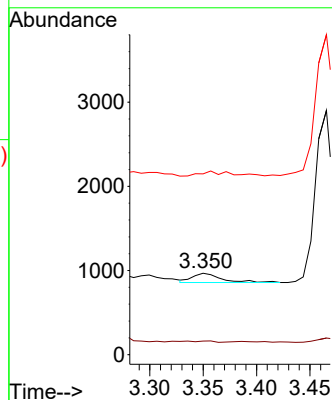
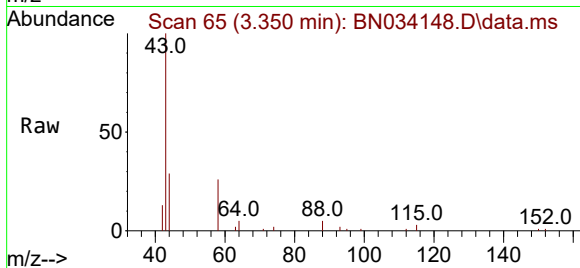
Tgt Ion: 42 Resp: 211

Ion Ratio Lower Upper

42 100

74 0.0 94.6 142.0#

44 45.5 12.4 18.6#



#4

2-Fluorophenol

Concen: 0.082 ng

RT: 5.069 min Scan# 303

Delta R.T. -0.006 min

Lab File: BN034148.D

Acq: 22 Sep 2024 06:00

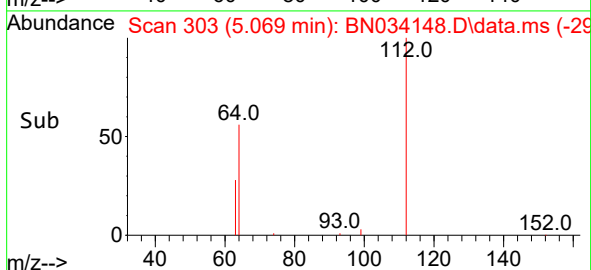
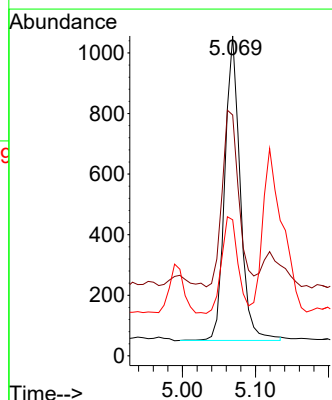
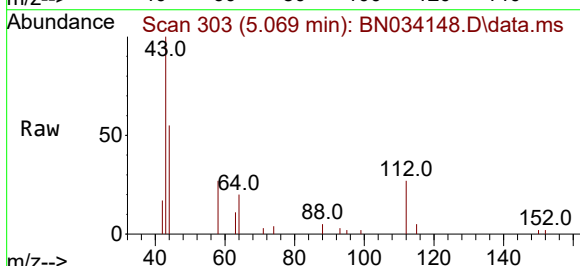
Tgt Ion: 112 Resp: 1462

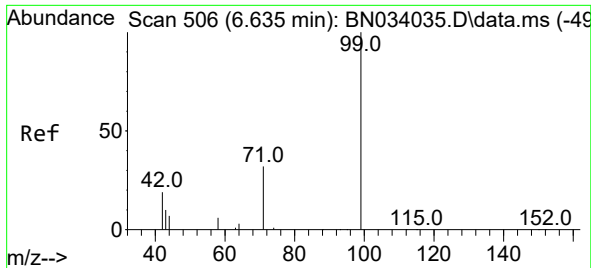
Ion Ratio Lower Upper

112 100

64 62.7 48.6 72.8

63 33.8 25.6 38.4

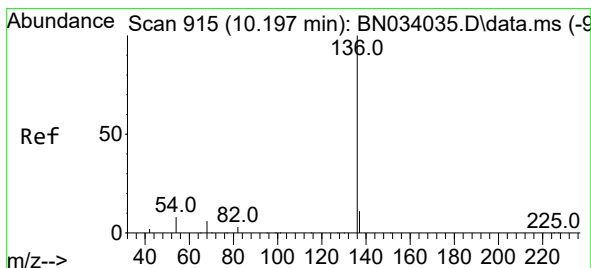
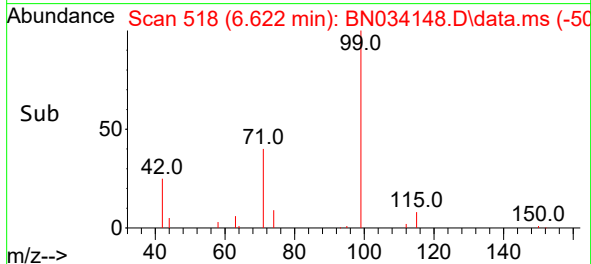
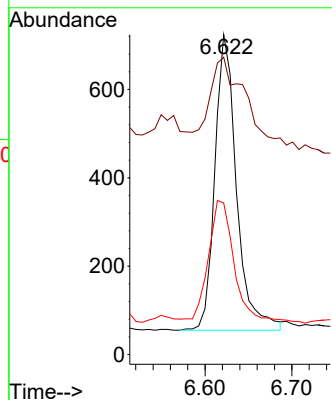
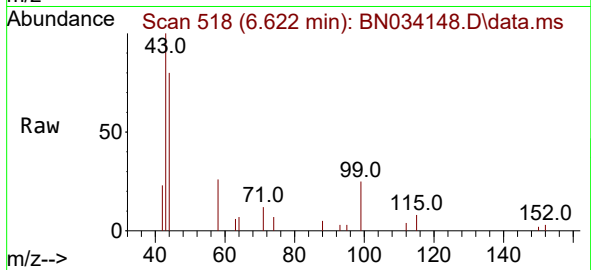




#5
Phenol-d6
Concen: 0.056 ng
RT: 6.622 min Scan# 51
Delta R.T. -0.013 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

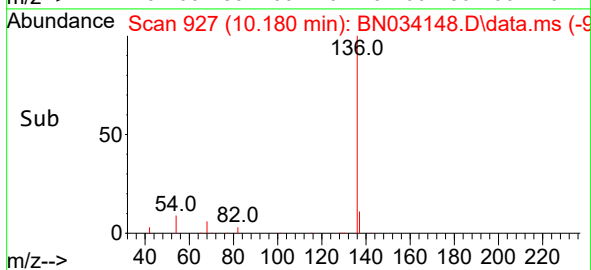
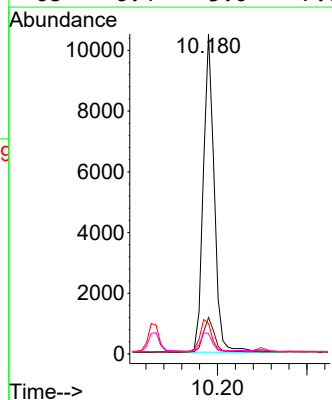
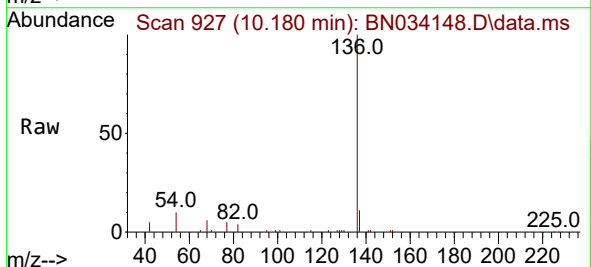
Instrument :
BNA_N
ClientSampleId :
RE123D2-20240916

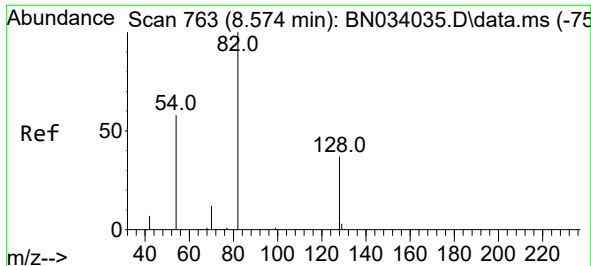
Tgt Ion: 99 Resp: 1161
Ion Ratio Lower Upper
99 100
42 46.7 17.8 26.8#
71 45.9 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 927
Delta R.T. -0.017 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

Tgt Ion: 136 Resp: 17705
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.5 6.8 10.2
68 6.4 5.0 7.6

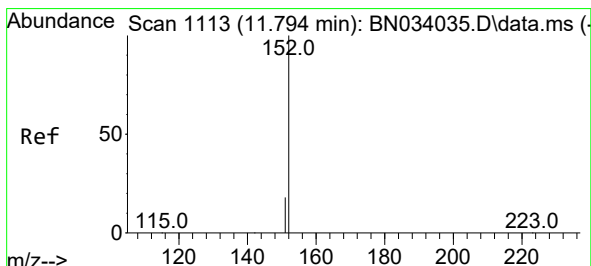
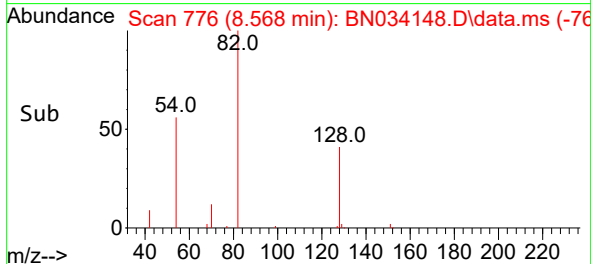
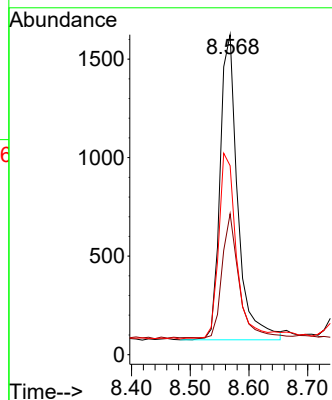
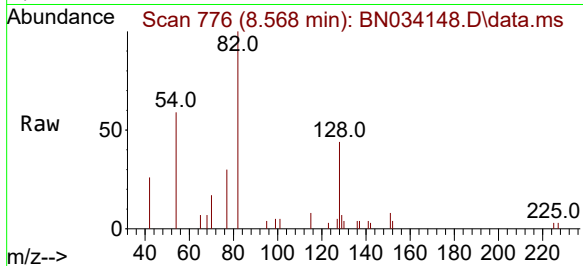




#8
Nitrobenzene-d5
Concen: 0.239 ng
RT: 8.568 min Scan# 71
Delta R.T. -0.006 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

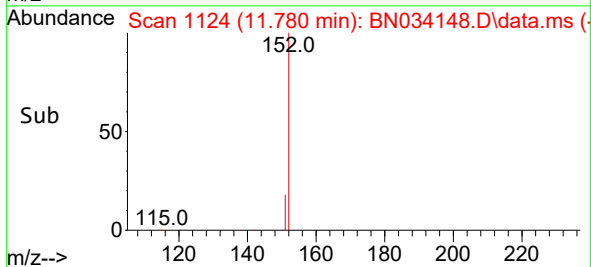
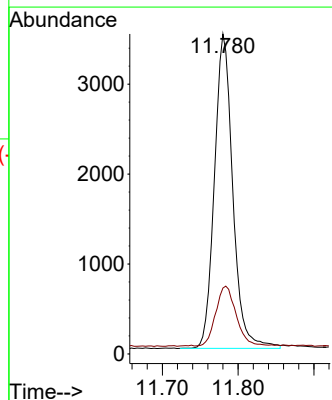
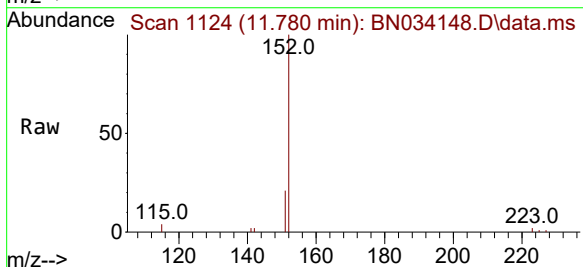
Instrument :
BNA_N
ClientSampleId :
RE123D2-20240916

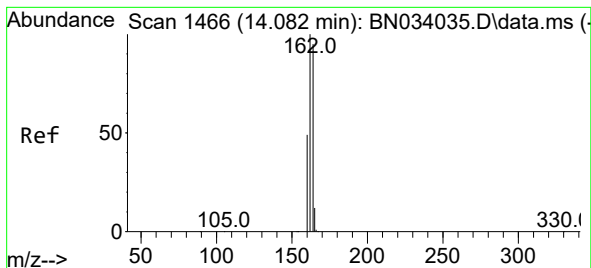
Tgt Ion: 82 Resp: 3239
Ion Ratio Lower Upper
82 100
128 44.0 31.4 47.2
54 59.1 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.225 ng
RT: 11.780 min Scan# 1124
Delta R.T. -0.014 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

Tgt Ion:152 Resp: 5884
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.072 min Scan# 1466

Delta R.T. -0.009 min

Lab File: BN034148.D

Acq: 22 Sep 2024 06:00

Instrument :

BNA_N

ClientSampleId :

RE123D2-20240916

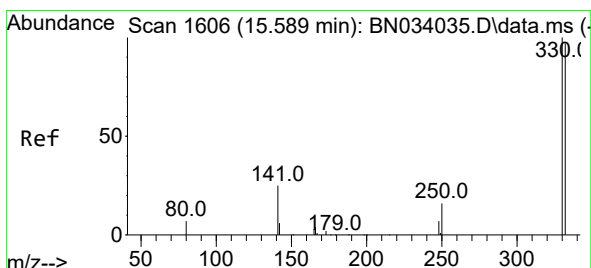
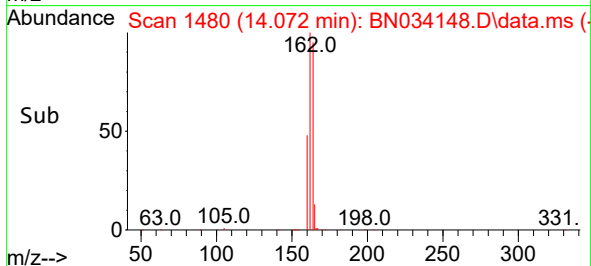
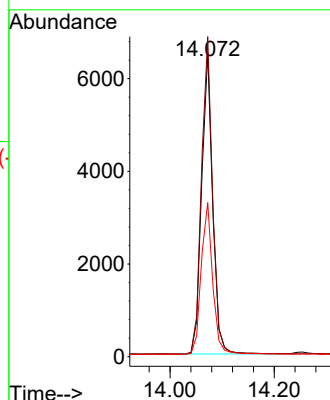
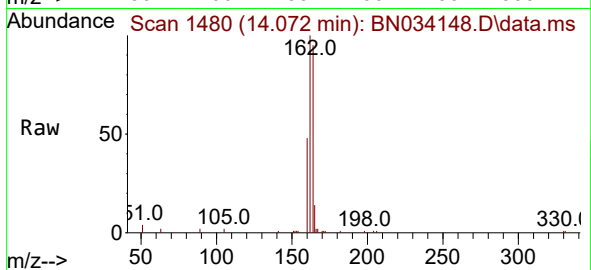
Tgt Ion:164 Resp: 9573

Ion Ratio Lower Upper

164 100

162 105.5 84.2 126.2

160 50.8 41.7 62.5



#14

2,4,6-Tribromophenol

Concen: 0.185 ng

RT: 15.579 min Scan# 1620

Delta R.T. -0.009 min

Lab File: BN034148.D

Acq: 22 Sep 2024 06:00

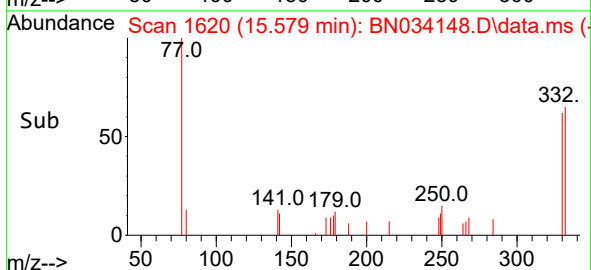
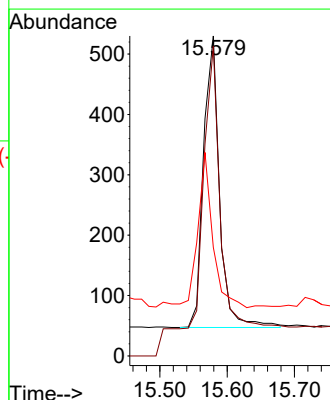
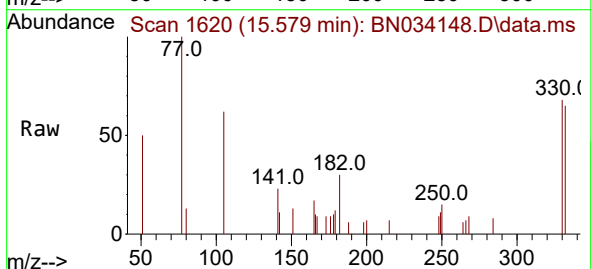
Tgt Ion:330 Resp: 804

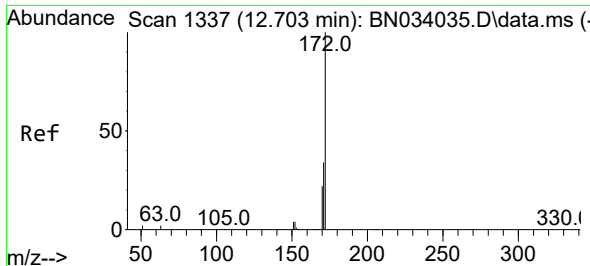
Ion Ratio Lower Upper

330 100

332 95.1 77.4 116.0

141 46.9 35.9 53.9

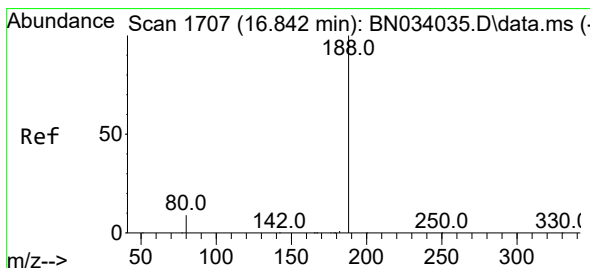
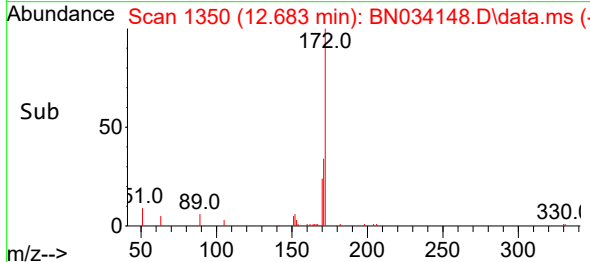
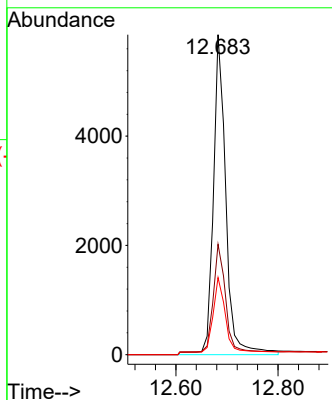
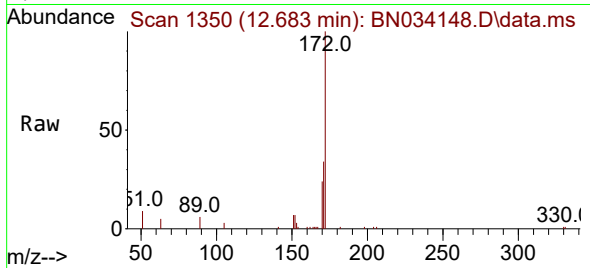




#15
2-Fluorobiphenyl
Concen: 0.248 ng
RT: 12.683 min Scan# 11
Delta R.T. -0.020 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

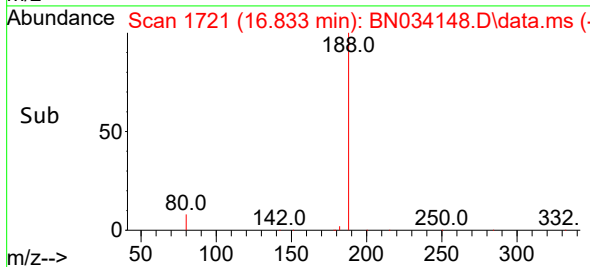
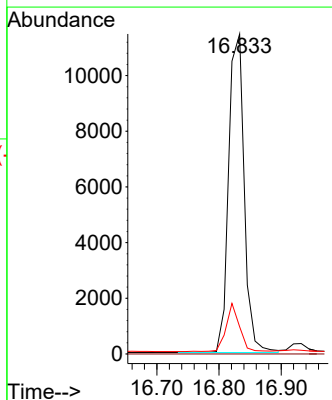
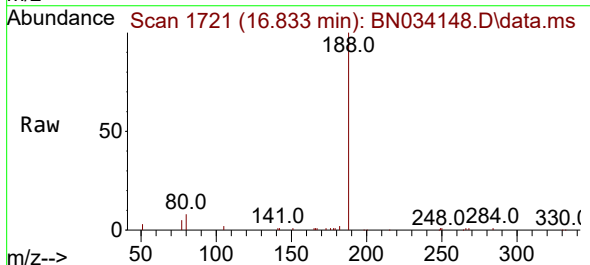
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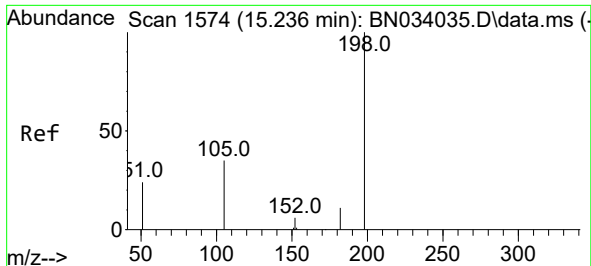
Tgt Ion:172 Resp: 9648
Ion Ratio Lower Upper
172 100
171 34.5 27.3 40.9
170 24.1 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1721
Delta R.T. -0.009 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

Tgt Ion:188 Resp: 19888
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 7.4 11.0

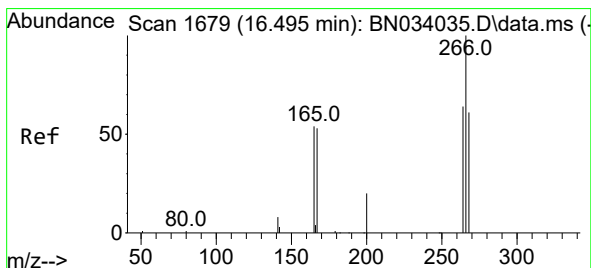
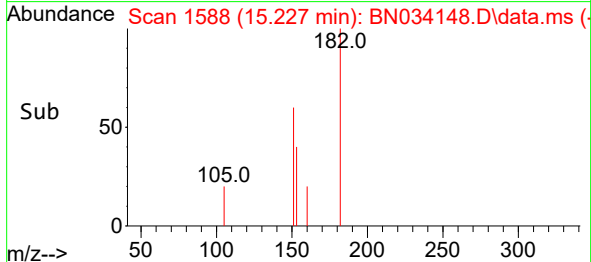
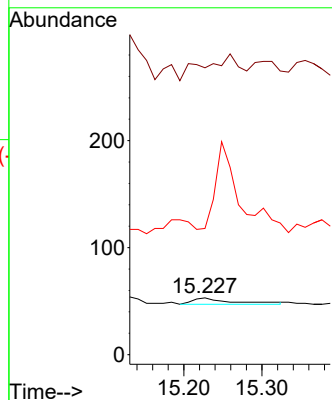
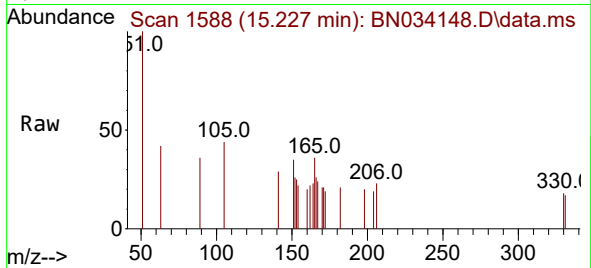




#20
4,6-Dinitro-2-methylphenol
Concen: 0.144 ng
RT: 15.227 min Scan# 1588
Delta R.T. -0.009 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

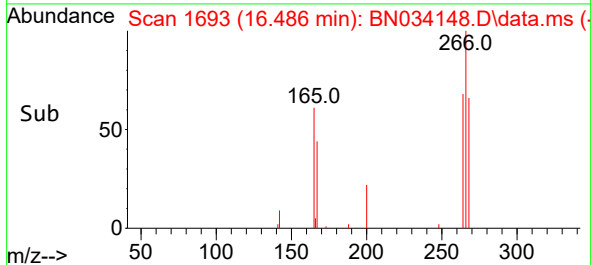
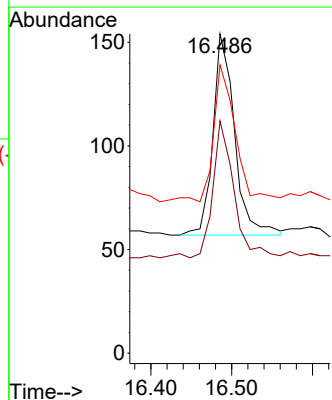
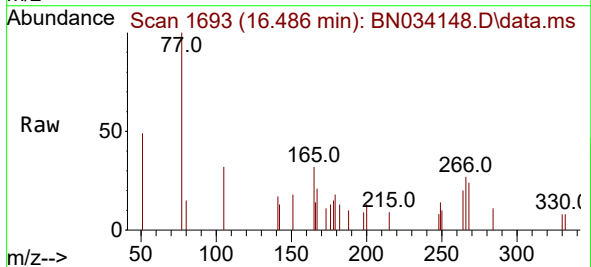
Instrument :
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RE123D2-20240916

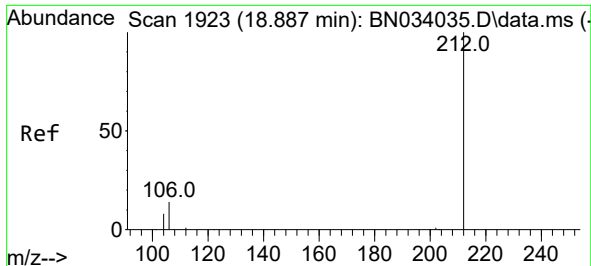
Tgt Ion:198 Resp: 22
Ion Ratio Lower Upper
198 100
51 505.7 106.4 159.6#
105 222.6 38.5 57.7#



#24
Pentachlorophenol
Concen: 0.043 ng
RT: 16.486 min Scan# 1693
Delta R.T. -0.009 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

Tgt Ion:266 Resp: 180
Ion Ratio Lower Upper
266 100
264 67.2 50.2 75.2
268 69.4 51.0 76.4

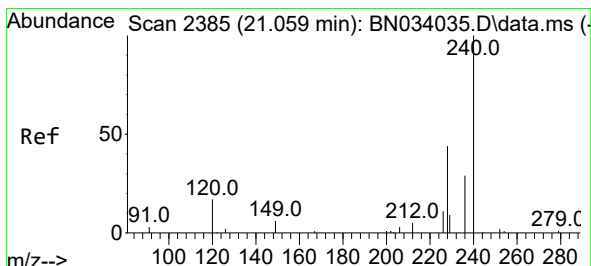
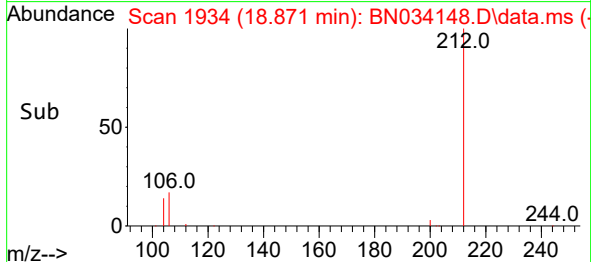
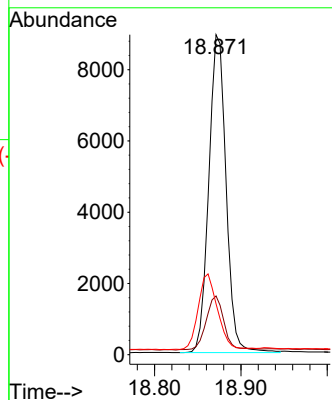
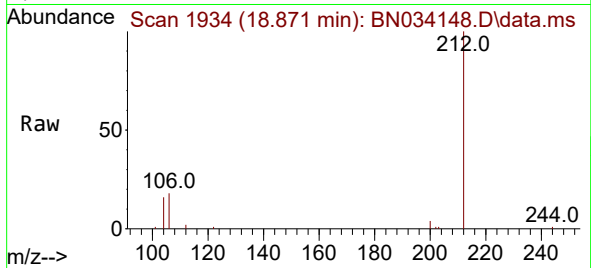




#27
Fluoranthene-d10
Concen: 0.248 ng
RT: 18.871 min Scan# 1923
Delta R.T. -0.016 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

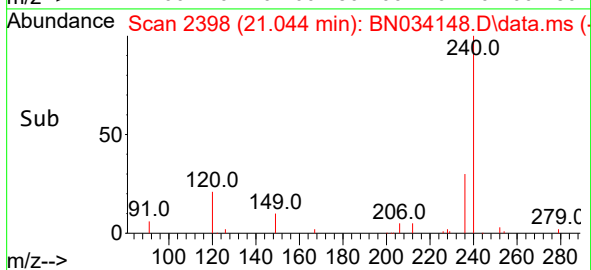
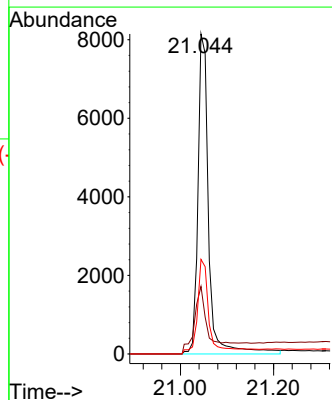
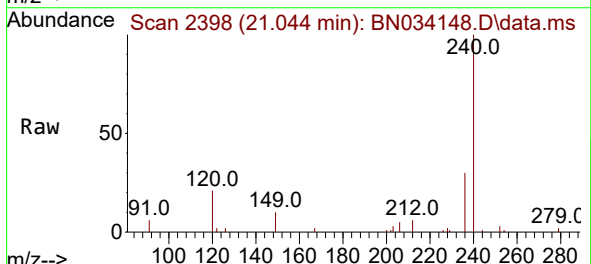
Instrument :
BNA_N
ClientSampleId :
RE123D2-20240916

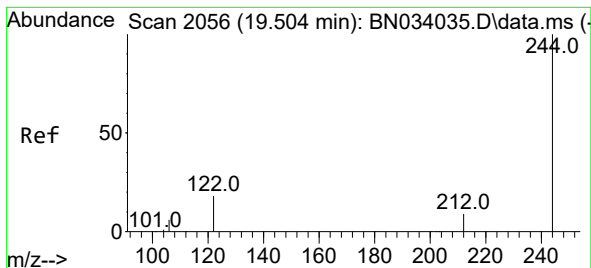
Tgt Ion:212 Resp: 12427
Ion Ratio Lower Upper
212 100
106 17.7 13.4 20.2
104 26.6 7.8 11.6#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.044 min Scan# 2398
Delta R.T. -0.015 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

Tgt Ion:240 Resp: 12392
Ion Ratio Lower Upper
240 100
120 21.1 13.5 20.3#
236 29.6 23.4 35.0





#31

Terphenyl-d14

Concen: 0.325 ng

RT: 19.494 min Scan# 2056

Delta R.T. -0.011 min

Lab File: BN034148.D

Acq: 22 Sep 2024 06:00

Instrument :

BNA_N

ClientSampleId :

RE123D2-20240916

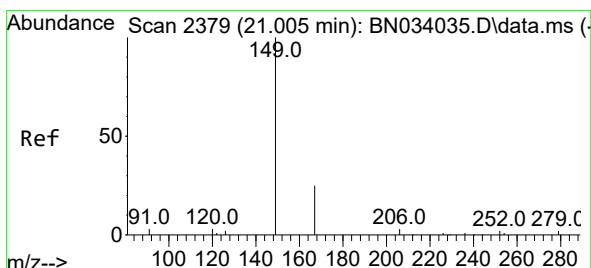
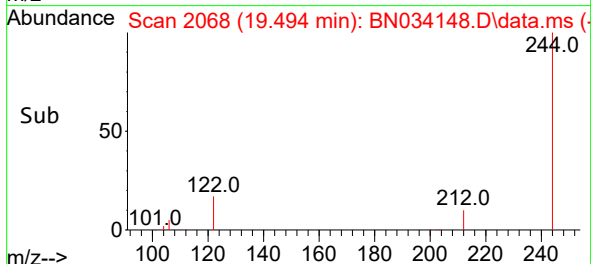
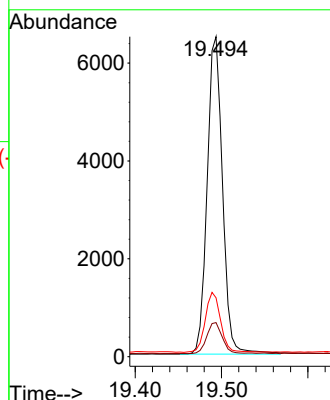
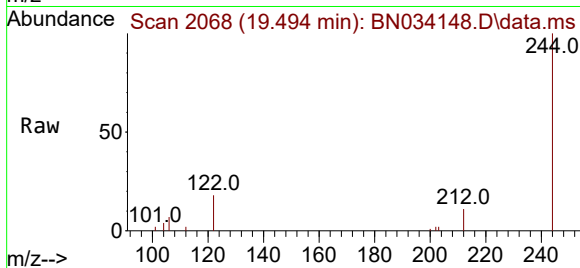
Tgt Ion:244 Resp: 8042

Ion Ratio Lower Upper

244 100

212 10.7 7.8 11.6

122 18.4 14.8 22.2



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.067 ng

RT: 21.008 min Scan# 2394

Delta R.T. 0.003 min

Lab File: BN034148.D

Acq: 22 Sep 2024 06:00

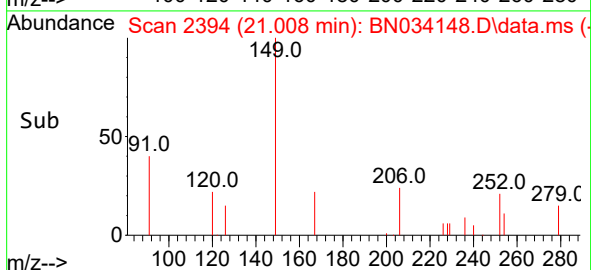
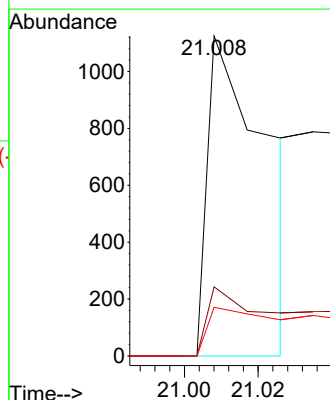
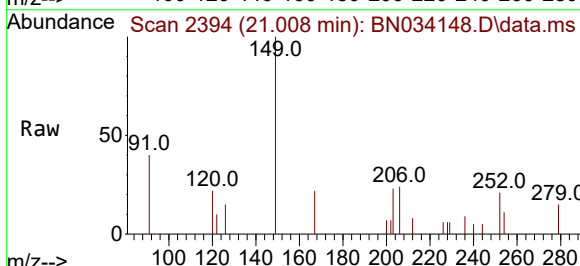
Tgt Ion:149 Resp: 1095

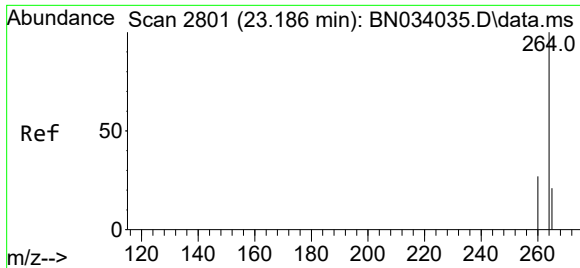
Ion Ratio Lower Upper

149 100

167 20.5 19.9 29.9

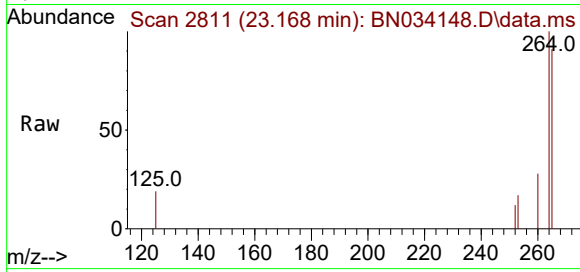
279 16.6 4.6 6.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.168 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN034148.D
 Acq: 22 Sep 2024 06:00

Instrument :
 BNA_N
 ClientSampleId :
 RE123D2-20240916



Tgt Ion:264 Resp: 7751

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.7	32.5
265	91.0	52.1	78.1

