

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034142.D
 Acq On : 22 Sep 2024 02:23
 Operator : JU/RC
 Sample : P4116-27
 Misc :
 ALS Vial : 107 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20240918

Quant Time: Sep 23 00:02:45 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)

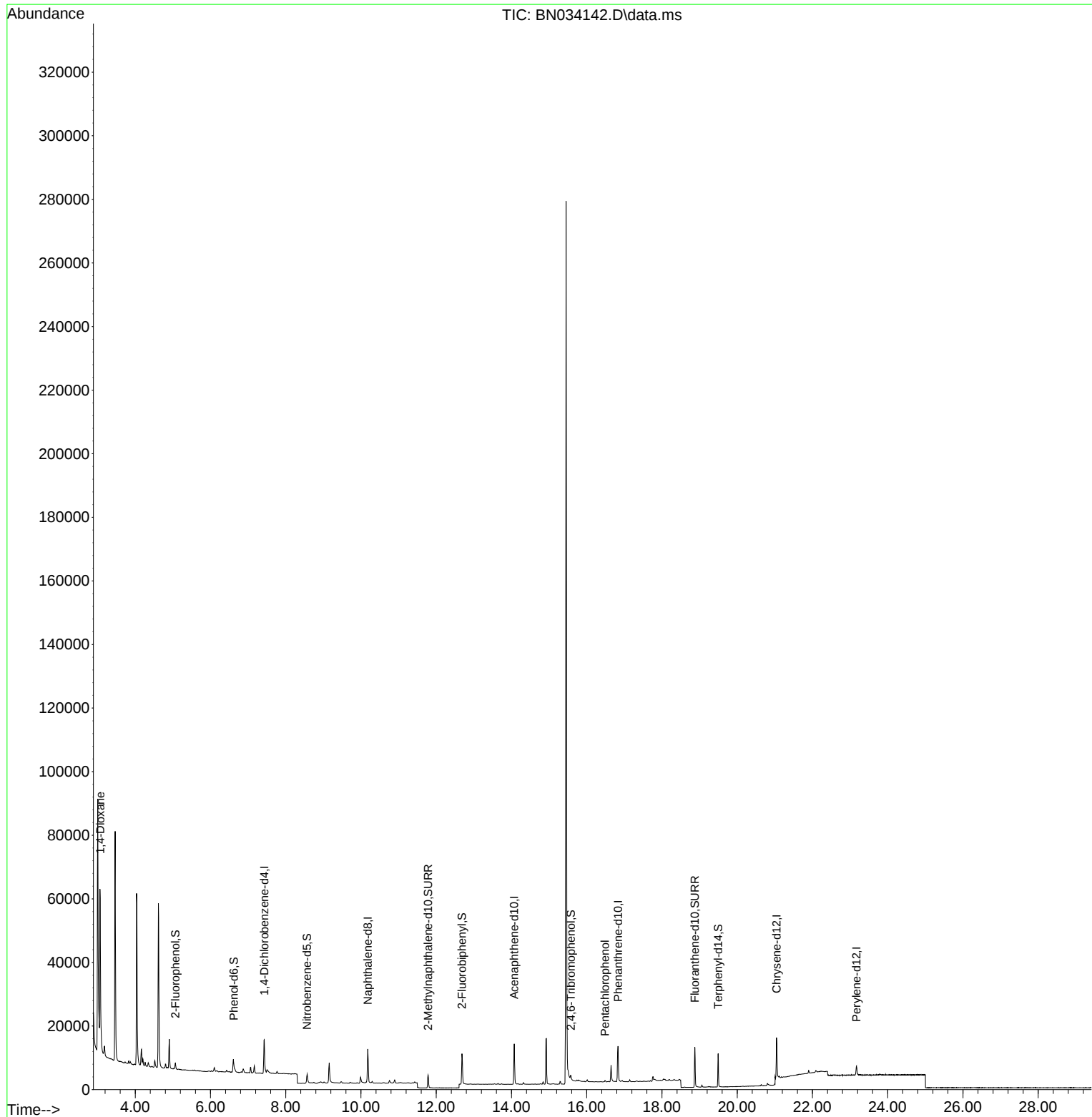
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	4792	0.400	ng	0.00
7) Naphthalene-d8	10.180	136	13672	0.400	ng	#-0.02
13) Acenaphthene-d10	14.072	164	6980	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	16412	0.400	ng	0.00
29) Chrysene-d12	21.044	240	12868	0.400	ng	#-0.01
35) Perylene-d12	23.168	264	3872	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1577	0.116	ng	0.00
5) Phenol-d6	6.622	99	1303	0.082	ng	-0.01
8) Nitrobenzene-d5	8.568	82	2776	0.265	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	5854	0.290	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	818	0.259	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	9445	0.333	ng	-0.02
27) Fluoranthene-d10	18.871	212	13663	0.330	ng	-0.02
31) Terphenyl-d14	19.494	244	9537	0.371	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.068	88	31900	5.325	ng	# 87
24) Pentachlorophenol	16.486	266	256	0.075	ng	# 91

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

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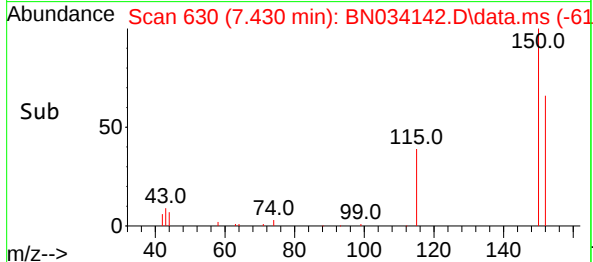
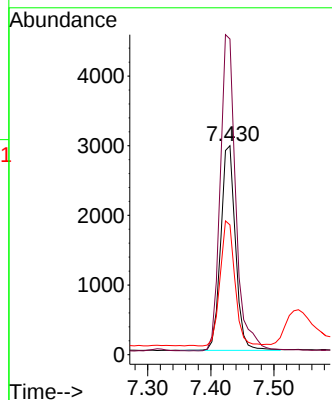
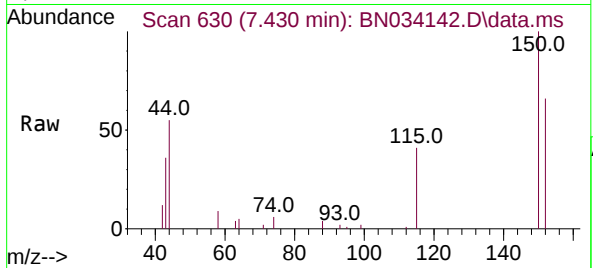




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.430 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034142.D
Acq: 22 Sep 2024 02:23

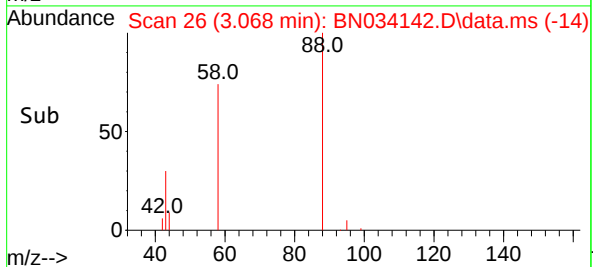
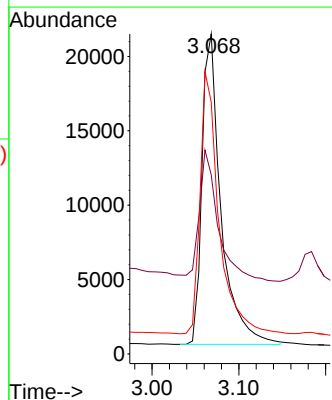
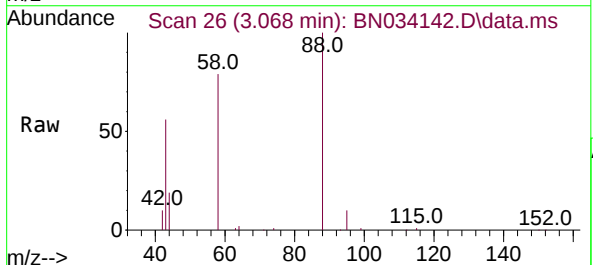
Instrument :
BNA_N
ClientSampleId :
DUP05-20240918

Tgt Ion:152 Resp: 4792
Ion Ratio Lower Upper
152 100
150 151.0 124.6 187.0
115 62.1 50.0 75.0



#2
1,4-Dioxane
Concen: 5.325 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034142.D
Acq: 22 Sep 2024 02:23

Tgt Ion: 88 Resp: 31900
Ion Ratio Lower Upper
88 100
43 41.9 25.8 38.8#
58 83.4 58.8 88.2

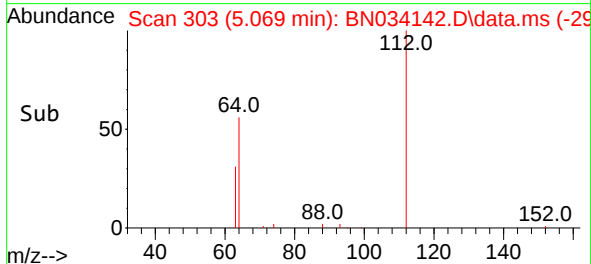
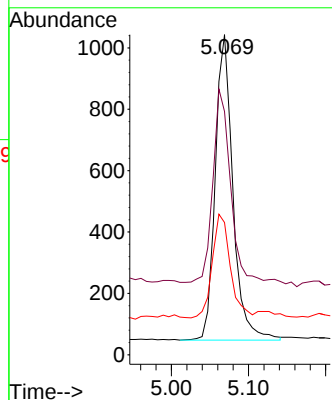
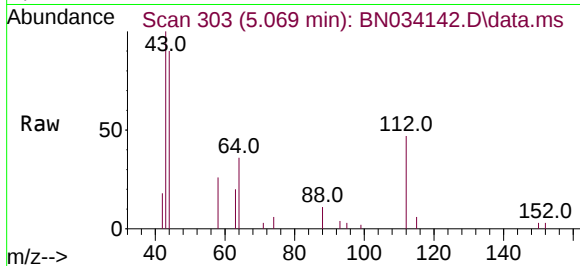




#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.069 min Scan# 303
Delta R.T. -0.006 min
Lab File: BN034142.D
Acq: 22 Sep 2024 02:23

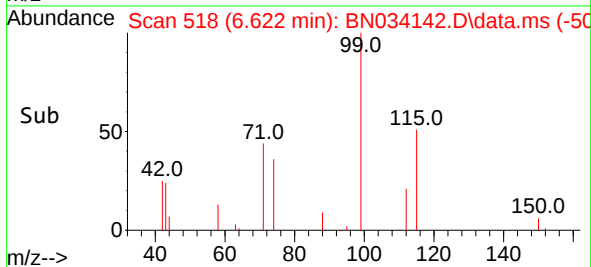
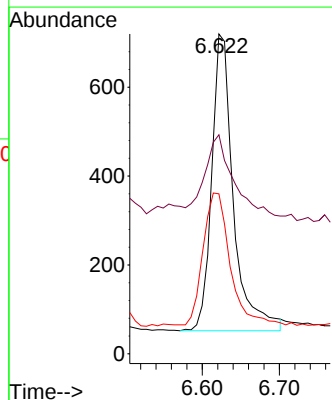
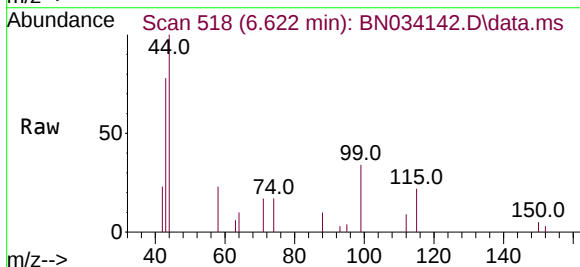
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BNA_N
ClientSampleId :
DUP05-20240918

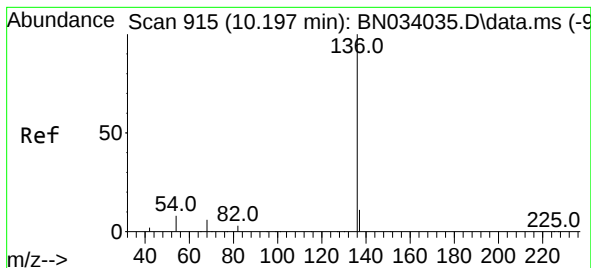
Tgt Ion:112 Resp: 1577
Ion Ratio Lower Upper
112 100
64 62.8 48.6 72.8
63 34.8 25.6 38.4



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.622 min Scan# 518
Delta R.T. -0.013 min
Lab File: BN034142.D
Acq: 22 Sep 2024 02:23

Tgt Ion: 99 Resp: 1303
Ion Ratio Lower Upper
99 100
42 35.5 17.8 26.8#
71 55.0 26.2 39.2#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.180 min Scan# 91

Delta R.T. -0.017 min

Lab File: BN034142.D

Acq: 22 Sep 2024 02:23

Instrument :

BNA_N

ClientSampleId :

DUP05-20240918

Tgt Ion:136 Resp: 13672

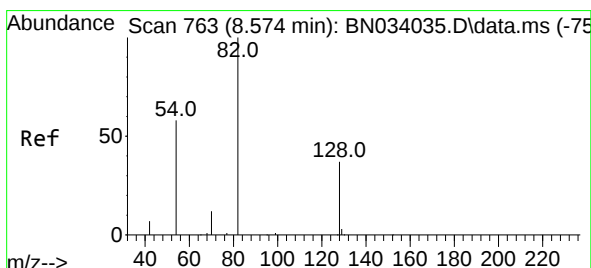
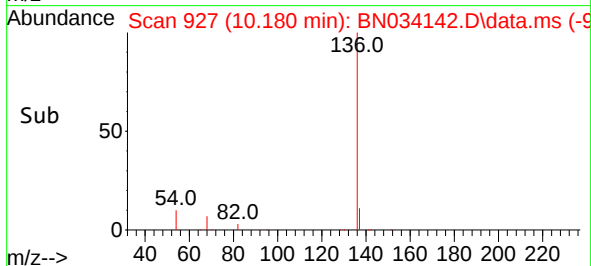
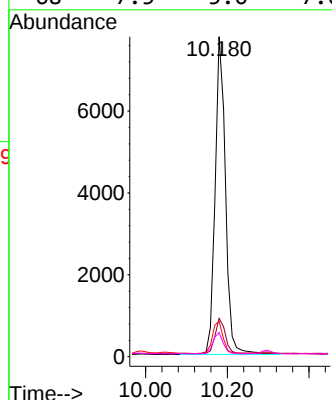
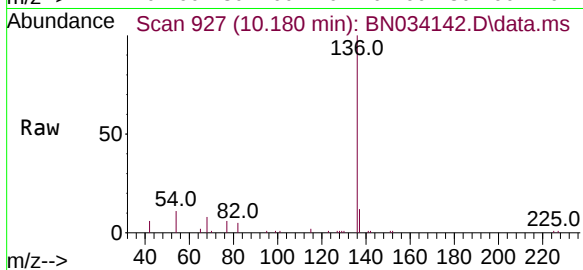
Ion Ratio Lower Upper

136 100

137 12.0 9.0 13.6

54 11.1 6.8 10.2#

68 7.5 5.0 7.6



#8

Nitrobenzene-d5

Concen: 0.265 ng

RT: 8.568 min Scan# 776

Delta R.T. -0.006 min

Lab File: BN034142.D

Acq: 22 Sep 2024 02:23

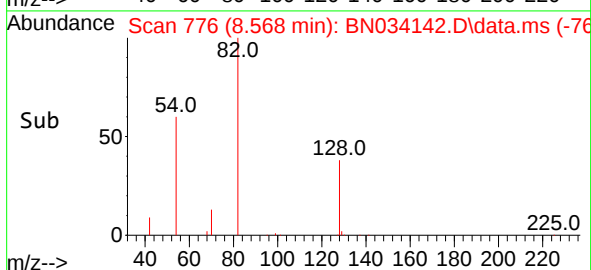
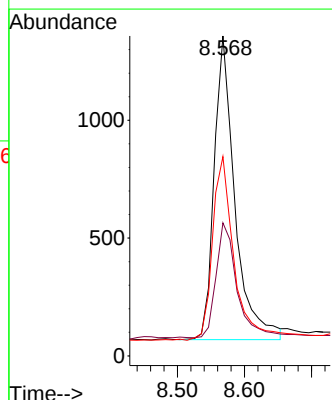
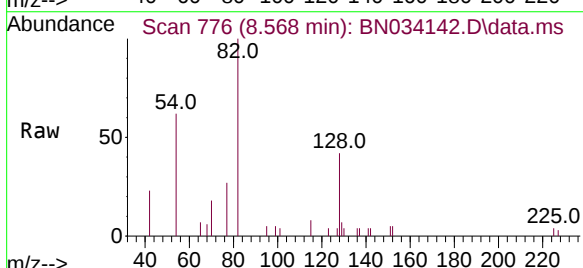
Tgt Ion: 82 Resp: 2776

Ion Ratio Lower Upper

82 100

128 41.6 31.4 47.2

54 62.3 47.4 71.0

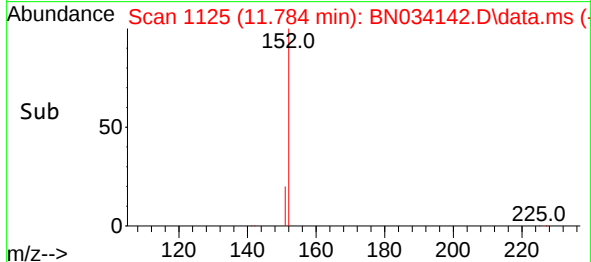
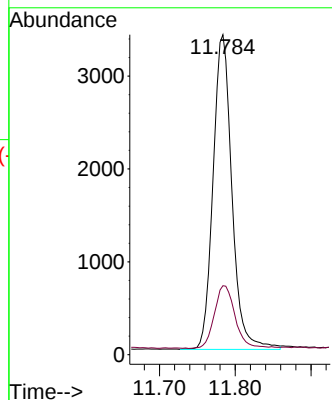
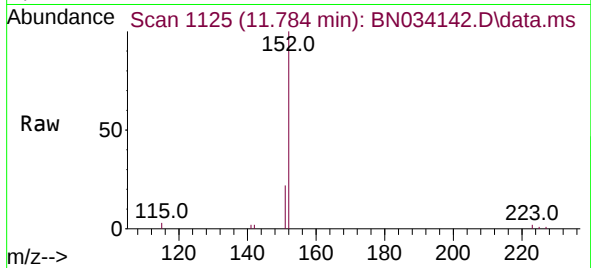




#11
2-Methylnaphthalene-d10
Concen: 0.290 ng
RT: 11.784 min Scan# 1113
Delta R.T. -0.010 min
Lab File: BN034142.D
Acq: 22 Sep 2024 02:23

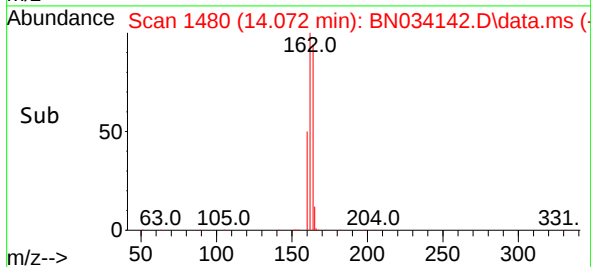
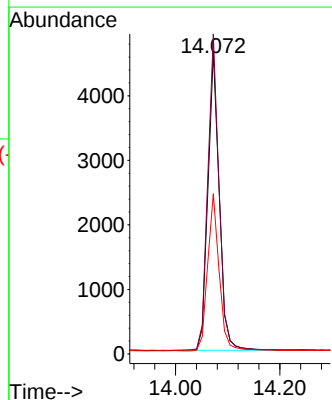
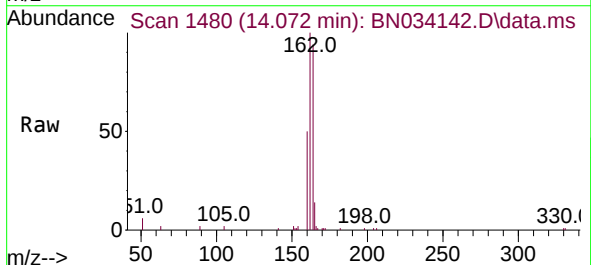
Instrument :
BNA_N
ClientSampleId :
DUP05-20240918

Tgt Ion:152 Resp: 5854
Ion Ratio Lower Upper
152 100
151 22.1 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: BN034142.D
Acq: 22 Sep 2024 02:23

Tgt Ion:164 Resp: 6980
Ion Ratio Lower Upper
164 100
162 105.8 84.2 126.2
160 53.0 41.7 62.5

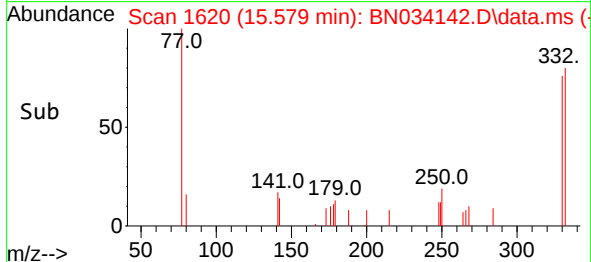
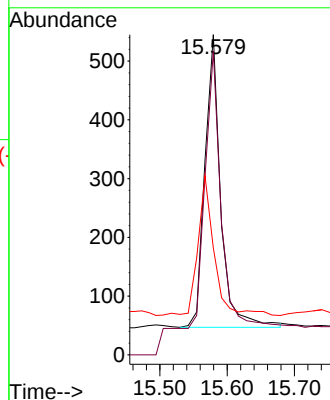
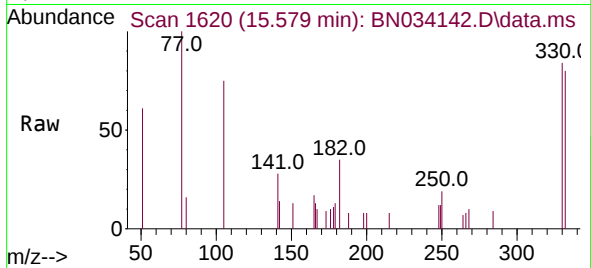




#14
2,4,6-Tribromophenol
Concen: 0.259 ng
RT: 15.579 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034142.D
Acq: 22 Sep 2024 02:23

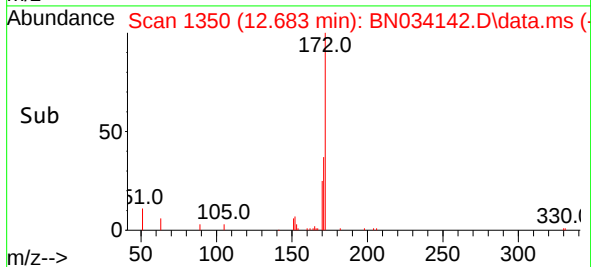
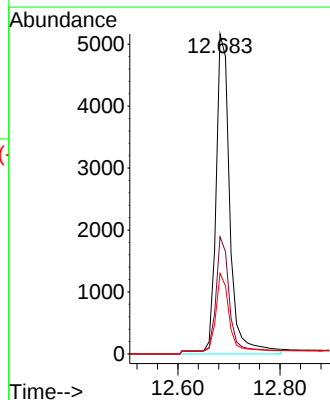
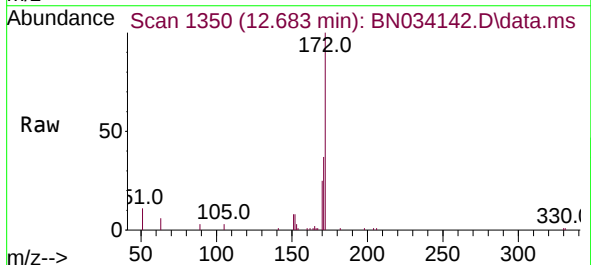
Instrument :
BNA_N
ClientSampleId :
DUP05-20240918

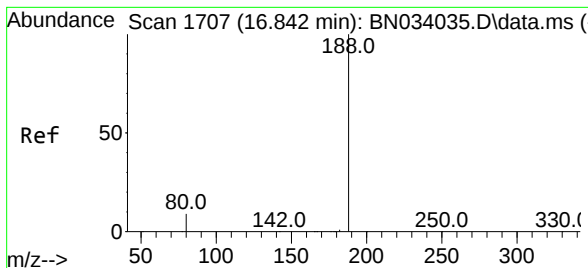
Tgt Ion:330 Resp: 818
Ion Ratio Lower Upper
330 100
332 95.0 77.4 116.0
141 48.4 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 12.683 min Scan# 1350
Delta R.T. -0.020 min
Lab File: BN034142.D
Acq: 22 Sep 2024 02:23

Tgt Ion:172 Resp: 9445
Ion Ratio Lower Upper
172 100
171 36.6 27.3 40.9
170 25.2 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.833 min Scan# 1

Delta R.T. -0.009 min

Lab File: BN034142.D

Acq: 22 Sep 2024 02:23

Instrument :

BNA_N

ClientSampleId :

DUP05-20240918

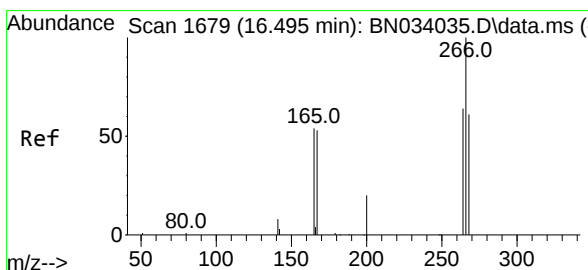
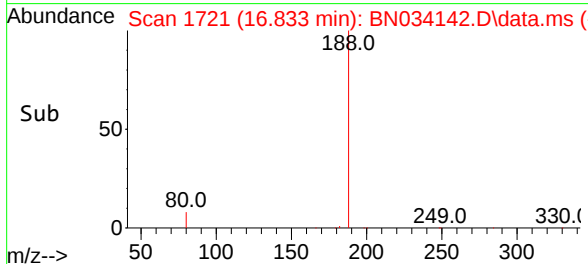
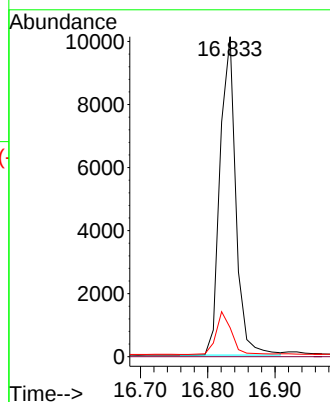
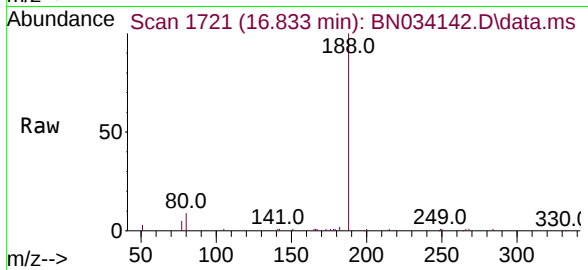
Tgt Ion:188 Resp: 16412

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.1 7.4 11.0



#24

Pentachlorophenol

Concen: 0.075 ng

RT: 16.486 min Scan# 1693

Delta R.T. -0.009 min

Lab File: BN034142.D

Acq: 22 Sep 2024 02:23

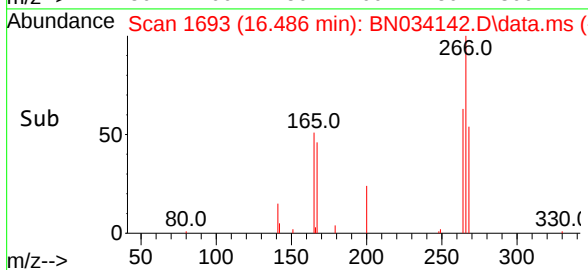
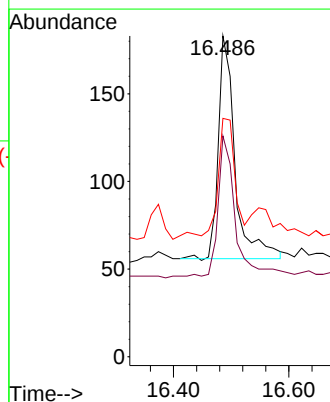
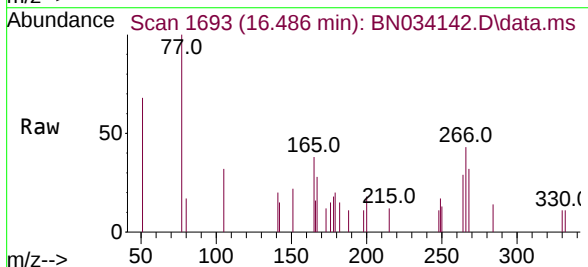
Tgt Ion:266 Resp: 256

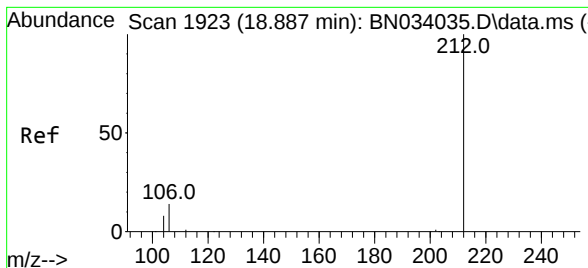
Ion Ratio Lower Upper

266 100

264 63.3 50.2 75.2

268 50.8 51.0 76.4#

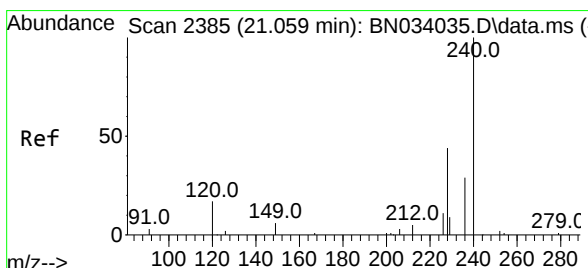
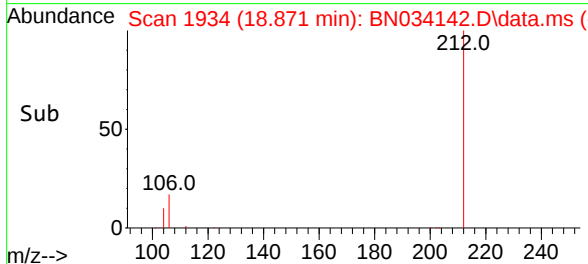
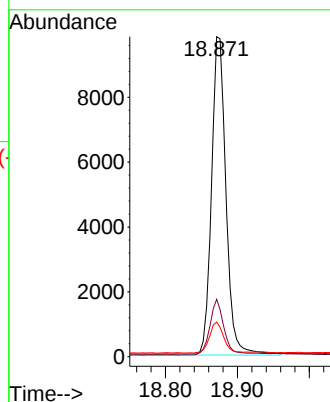
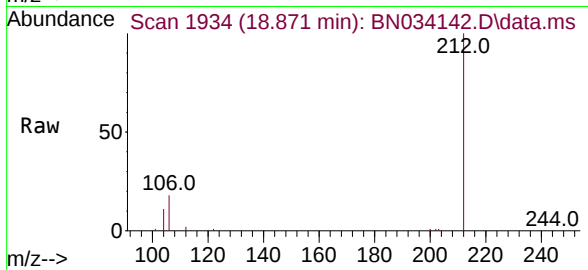




#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 18.871 min Scan# 1923
Delta R.T. -0.015 min
Lab File: BN034142.D
Acq: 22 Sep 2024 02:23

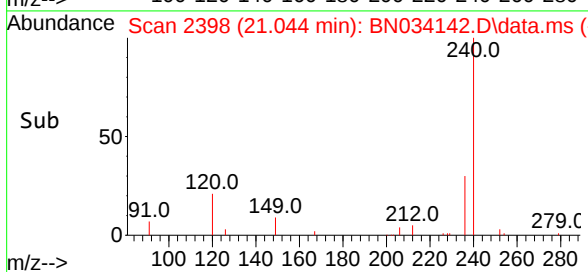
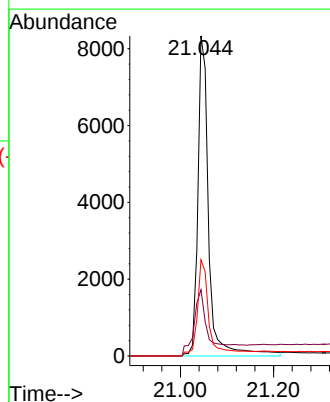
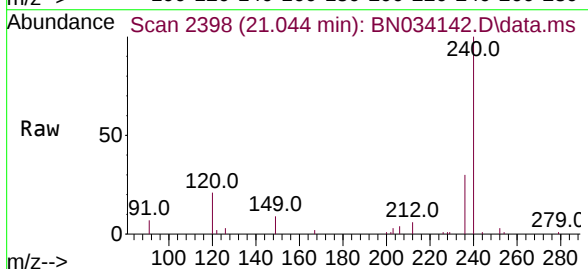
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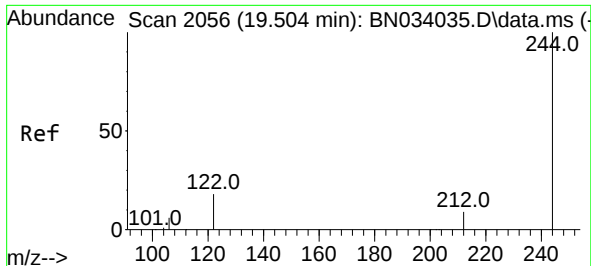
Tgt Ion:212 Resp: 13663
Ion Ratio Lower Upper
212 100
106 16.3 13.4 20.2
104 9.5 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.044 min Scan# 2398
Delta R.T. -0.015 min
Lab File: BN034142.D
Acq: 22 Sep 2024 02:23

Tgt Ion:240 Resp: 12868
Ion Ratio Lower Upper
240 100
120 20.7 13.5 20.3#
236 30.0 23.4 35.0

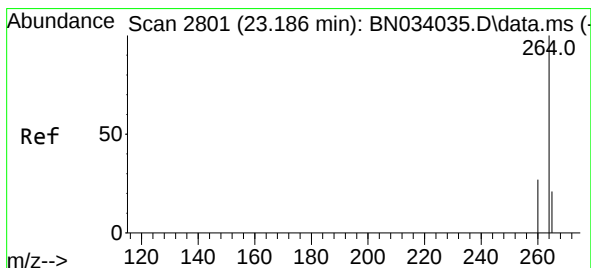
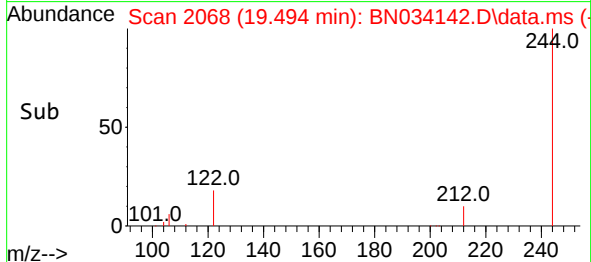
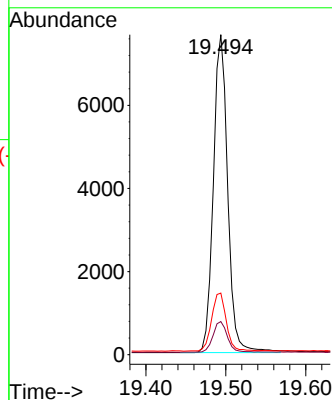
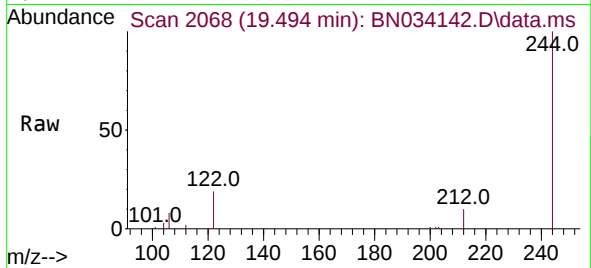




#31
 Terphenyl-d14
 Concen: 0.371 ng
 RT: 19.494 min Scan# 2056
 Delta R.T. -0.011 min
 Lab File: BN034142.D
 Acq: 22 Sep 2024 02:23

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20240918

Tgt Ion:244	Resp:	9537
Ion Ratio	Lower	Upper
244	100	
212	10.4	7.8 11.6
122	19.3	14.8 22.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.168 min Scan# 2811
 Delta R.T. -0.018 min
 Lab File: BN034142.D
 Acq: 22 Sep 2024 02:23

Tgt Ion:264	Resp:	3872
Ion Ratio	Lower	Upper
264	100	
260	29.3	21.7 32.5
265	154.6	52.1 78.1#

