

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034154.D
 Acq On : 22 Sep 2024 09:37
 Operator : JU/RC
 Sample : P4116-08
 Misc :
 ALS Vial : 119 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20240916

Quant Time: Sep 23 00:05:31 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)

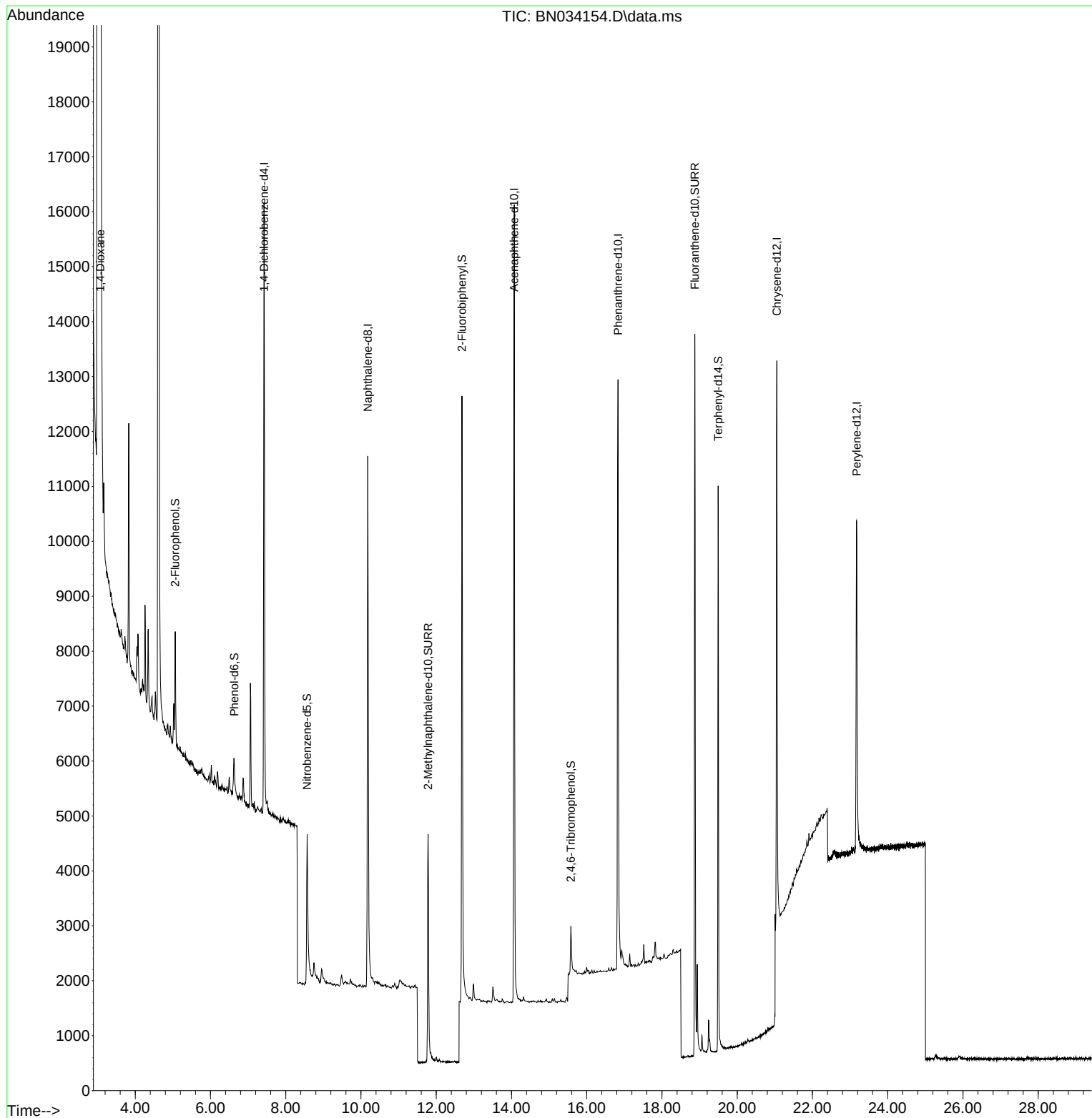
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	5275	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	14301	0.400	ng	#-0.02
13) Acenaphthene-d10	14.073	164	8377	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	17259	0.400	ng	0.00
29) Chrysene-d12	21.053	240	11173	0.400	ng	0.00
35) Perylene-d12	23.174	264	8811	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.062	112	1512	0.101	ng	-0.01
5) Phenol-d6	6.629	99	837	0.048	ng	0.00
8) Nitrobenzene-d5	8.568	82	3111	0.284	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	6813	0.323	ng	0.00
14) 2,4,6-Tribromophenol	15.580	330	626	0.165	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	11311	0.332	ng	-0.02
27) Fluoranthene-d10	18.871	212	15277	0.351	ng	-0.02
31) Terphenyl-d14	19.494	244	9948	0.446	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.068	88	26395	4.002	ng	Qvalue # 80

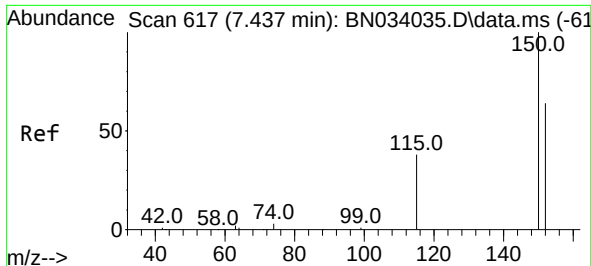
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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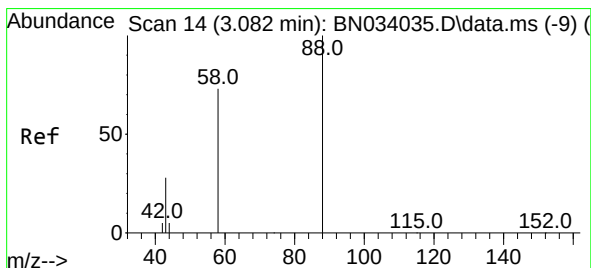
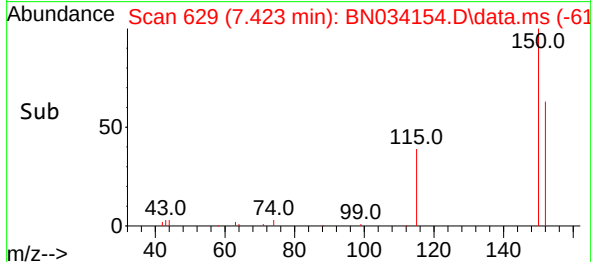
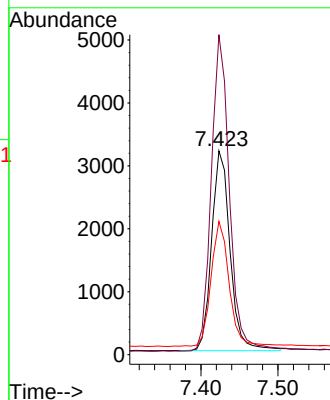
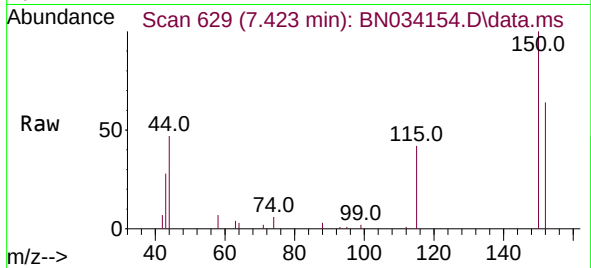




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.423 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034154.D
Acq: 22 Sep 2024 09:37

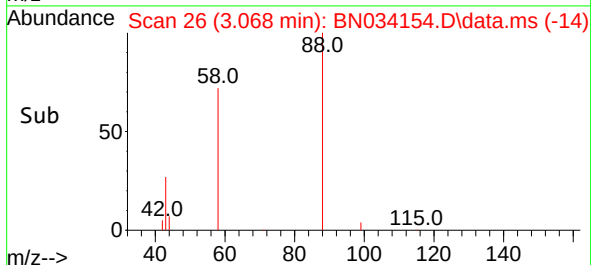
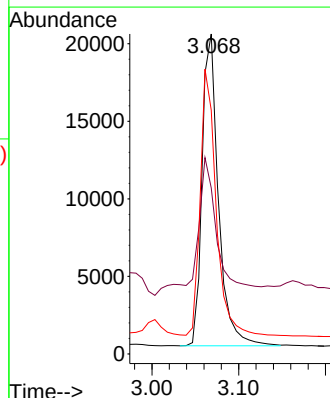
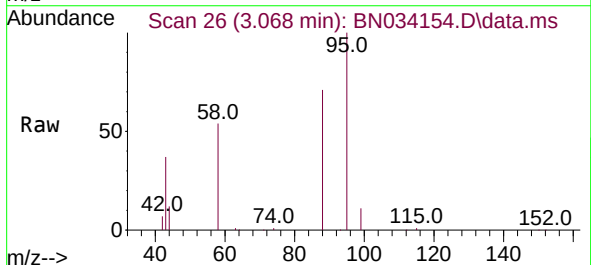
Instrument :
BNA_N
ClientSampleId :
RE122D2-20240916

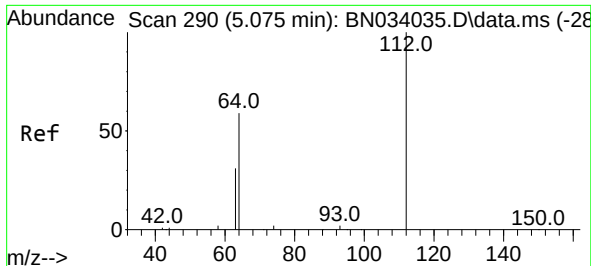
Tgt Ion:152 Resp: 5275
Ion Ratio Lower Upper
152 100
150 157.0 124.6 187.0
115 65.4 50.0 75.0



#2
1,4-Dioxane
Concen: 4.002 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034154.D
Acq: 22 Sep 2024 09:37

Tgt Ion: 88 Resp: 26395
Ion Ratio Lower Upper
88 100
43 55.4 25.8 38.8#
58 82.5 58.8 88.2

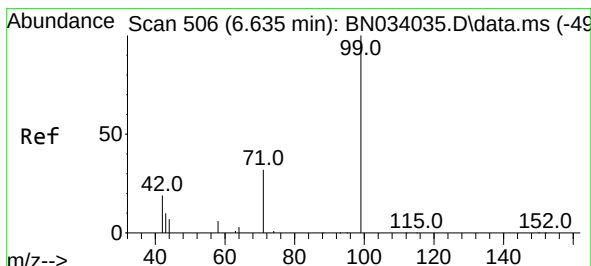
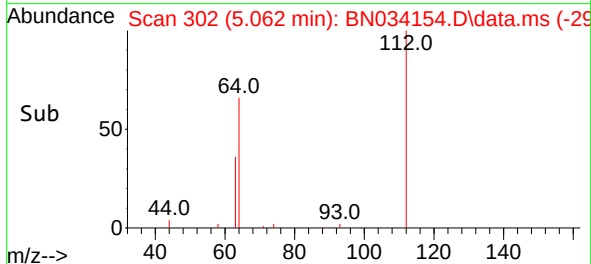
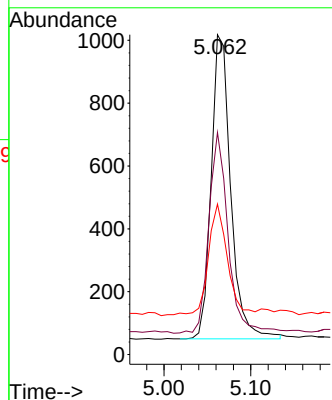
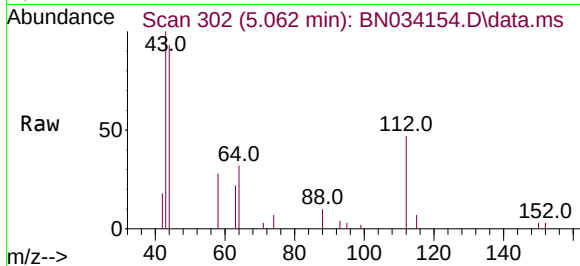




#4
2-Fluorophenol
Concen: 0.101 ng
RT: 5.062 min Scan# 30
Delta R.T. -0.013 min
Lab File: BN034154.D
Acq: 22 Sep 2024 09:37

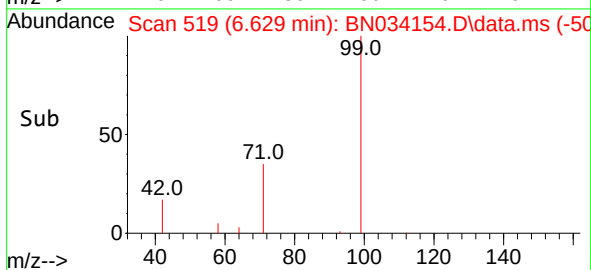
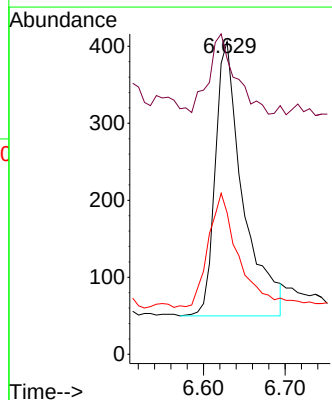
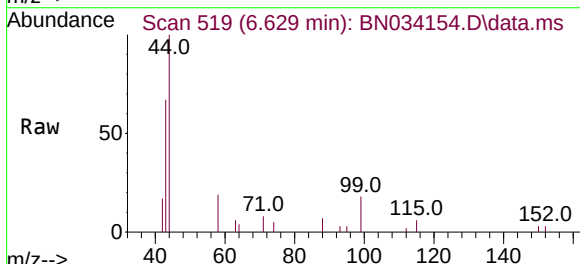
Instrument :
BNA_N
ClientSampleId :
RE122D2-20240916

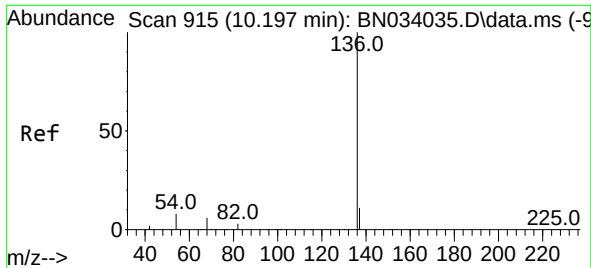
Tgt Ion:112 Resp: 1512
Ion Ratio Lower Upper
112 100
64 65.0 48.6 72.8
63 34.7 25.6 38.4



#5
Phenol-d6
Concen: 0.048 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034154.D
Acq: 22 Sep 2024 09:37

Tgt Ion: 99 Resp: 837
Ion Ratio Lower Upper
99 100
42 27.4 17.8 26.8#
71 43.6 26.2 39.2#

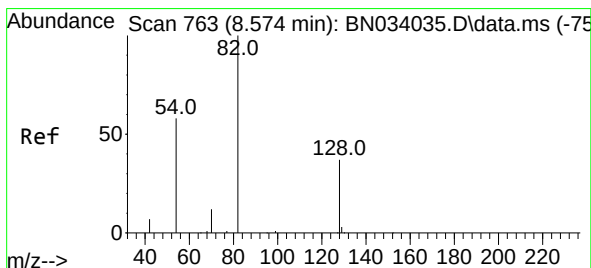
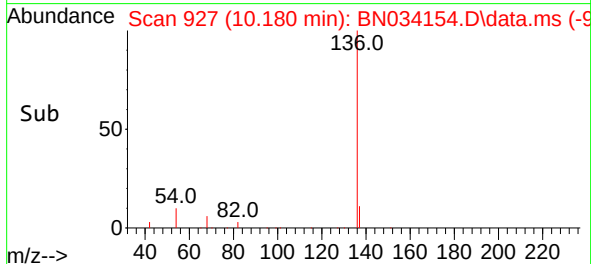
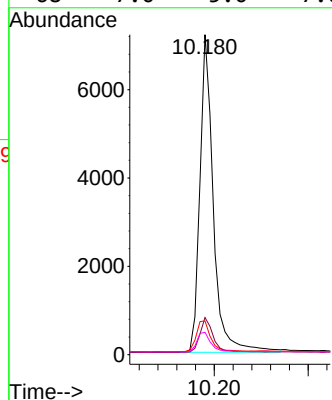
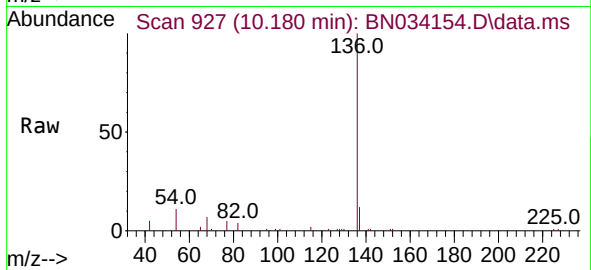




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034154.D
Acq: 22 Sep 2024 09:37

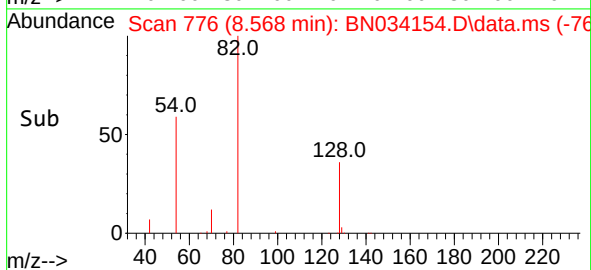
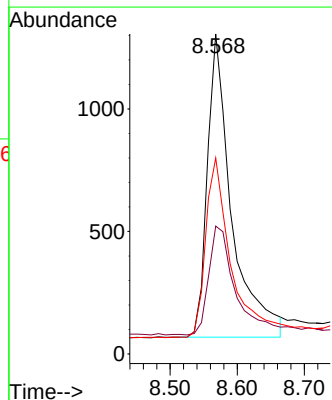
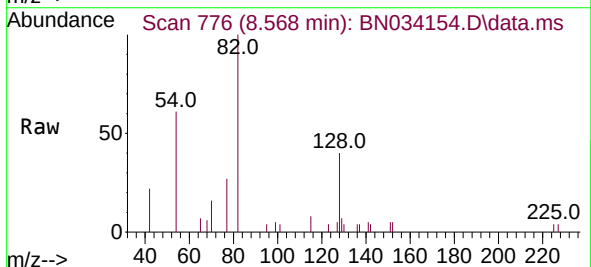
Instrument :
BNA_N
ClientSampleId :
RE122D2-20240916

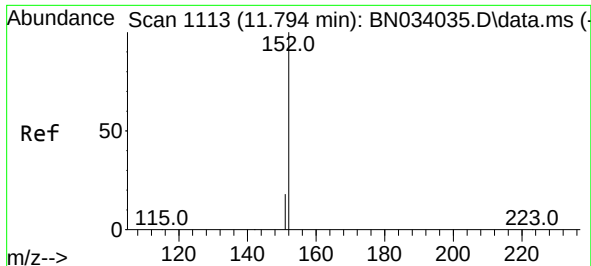
Tgt Ion:	136	Resp:	14301
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.0	13.6
54	10.6	6.8	10.2
68	7.0	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.284 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034154.D
Acq: 22 Sep 2024 09:37

Tgt Ion:	82	Resp:	3111
Ion Ratio	Lower	Upper	
82	100		
128	40.0	31.4	47.2
54	61.3	47.4	71.0

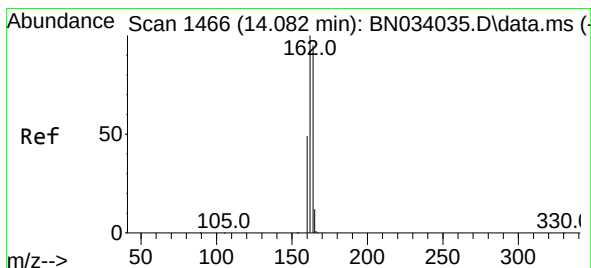
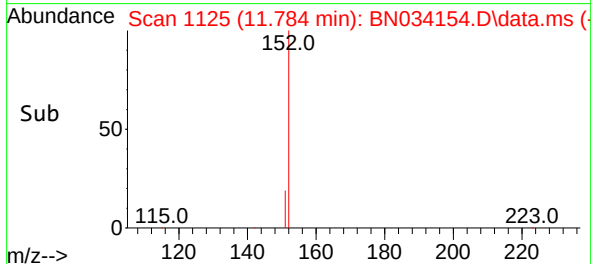
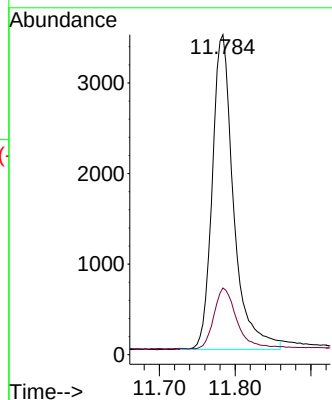
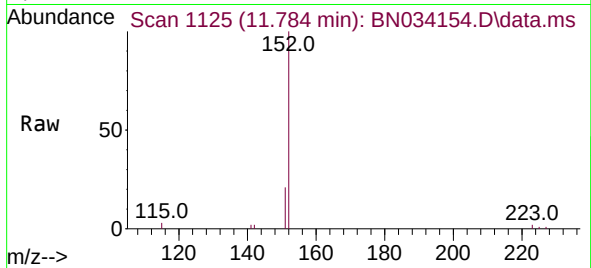




#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 11.784 min Scan# 1113
Delta R.T. -0.010 min
Lab File: BN034154.D
Acq: 22 Sep 2024 09:37

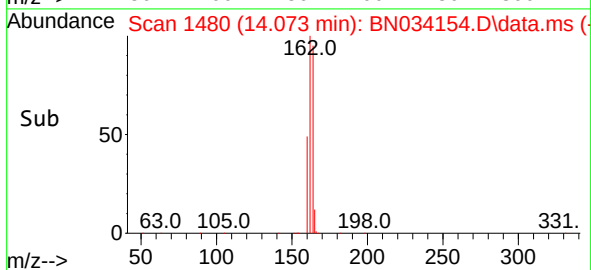
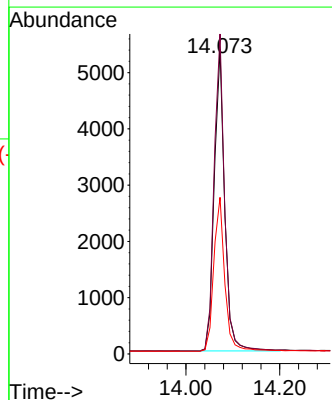
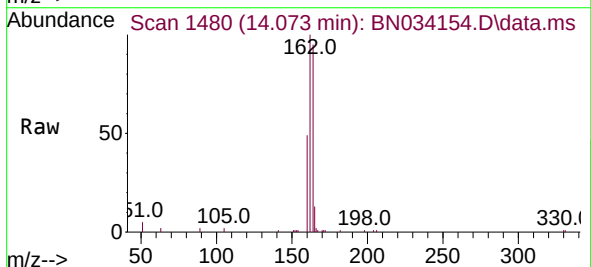
Instrument :
BNA_N
ClientSampleId :
RE122D2-20240916

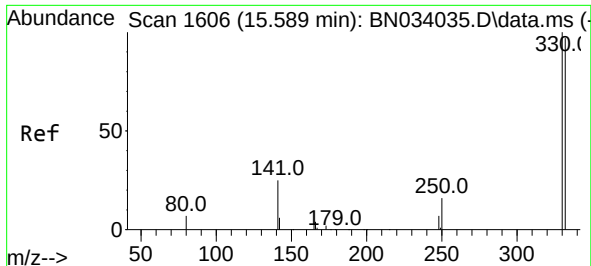
Tgt Ion:152 Resp: 6813
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.073 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BN034154.D
Acq: 22 Sep 2024 09:37

Tgt Ion:164 Resp: 8377
Ion Ratio Lower Upper
164 100
162 105.1 84.2 126.2
160 51.5 41.7 62.5

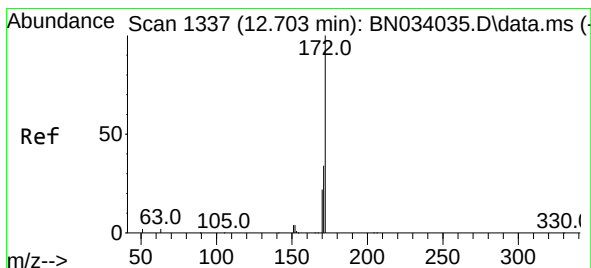
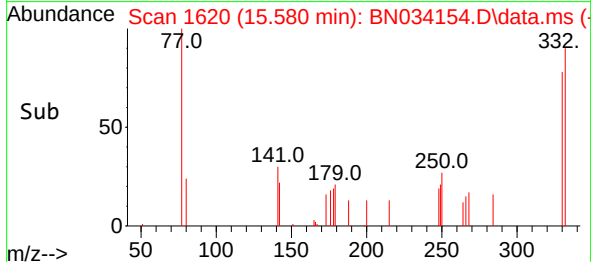
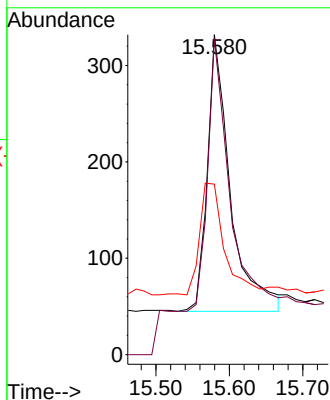
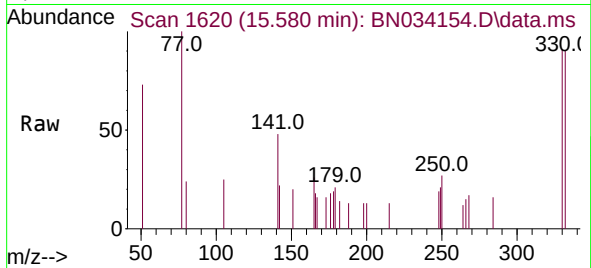




#14
2,4,6-Tribromophenol
Concen: 0.165 ng
RT: 15.580 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034154.D
Acq: 22 Sep 2024 09:37

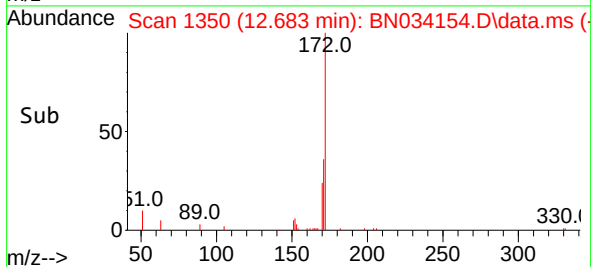
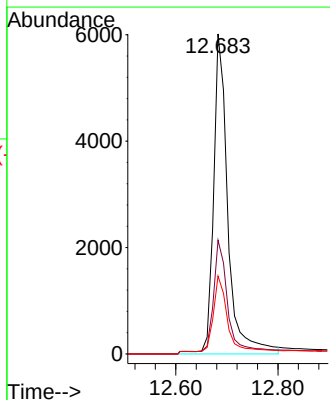
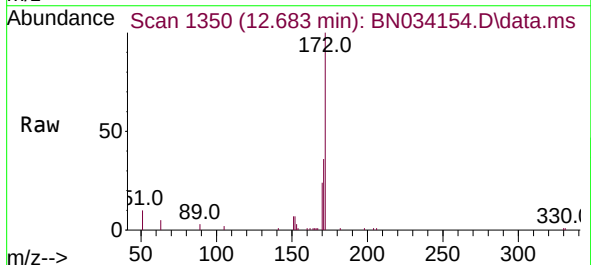
Instrument :
BNA_N
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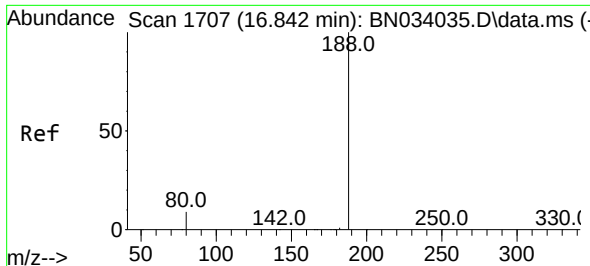
Tgt Ion:330 Resp: 626
Ion Ratio Lower Upper
330 100
332 95.4 77.4 116.0
141 46.0 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 12.683 min Scan# 1350
Delta R.T. -0.020 min
Lab File: BN034154.D
Acq: 22 Sep 2024 09:37

Tgt Ion:172 Resp: 11311
Ion Ratio Lower Upper
172 100
171 35.5 27.3 40.9
170 24.4 18.1 27.1

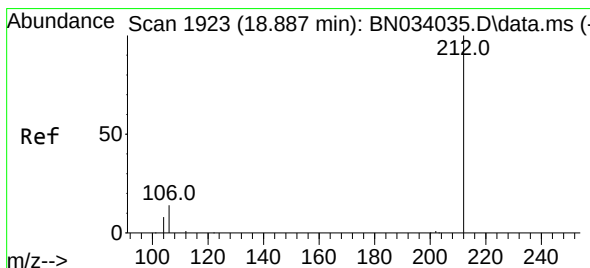
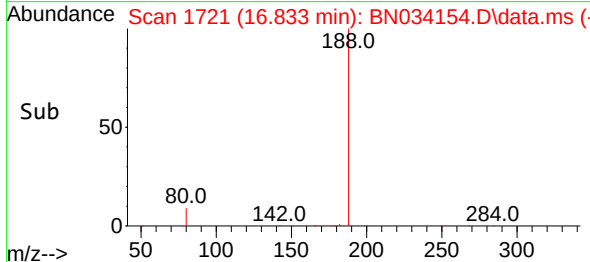
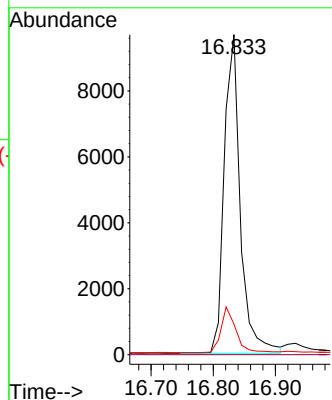
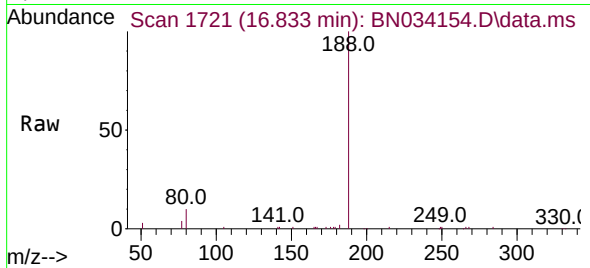




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034154.D
Acq: 22 Sep 2024 09:37

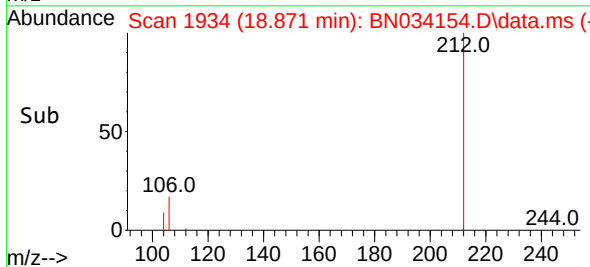
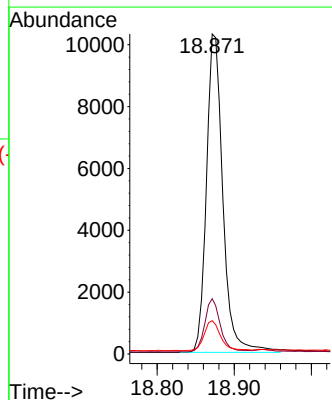
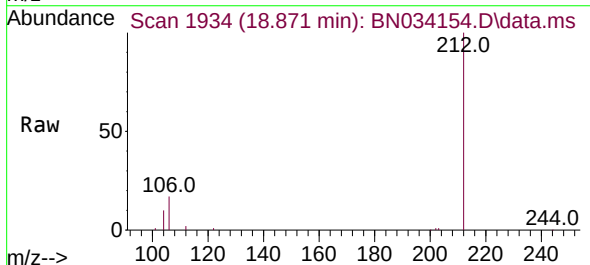
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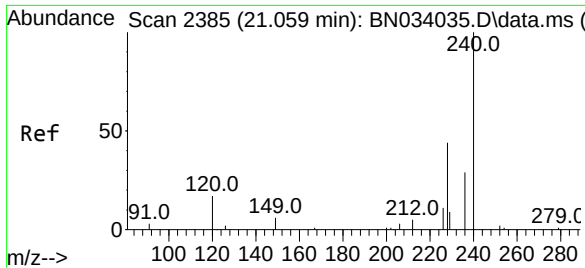
Tgt Ion:188 Resp: 17259
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 7.4 11.0



#27
Fluoranthene-d10
Concen: 0.351 ng
RT: 18.871 min Scan# 1934
Delta R.T. -0.015 min
Lab File: BN034154.D
Acq: 22 Sep 2024 09:37

Tgt Ion:212 Resp: 15277
Ion Ratio Lower Upper
212 100
106 15.9 13.4 20.2
104 9.4 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.053 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN034154.D

Acq: 22 Sep 2024 09:37

Instrument :

BNA_N

ClientSampleId :

RE122D2-20240916

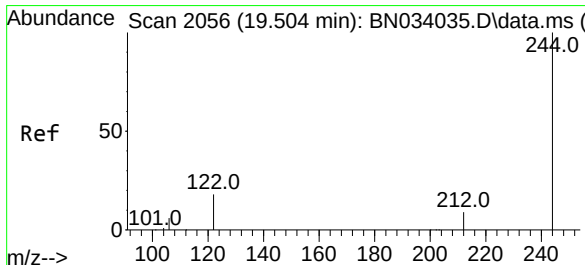
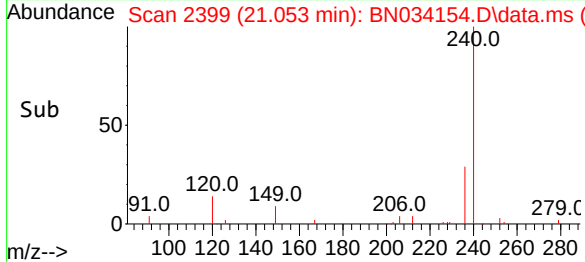
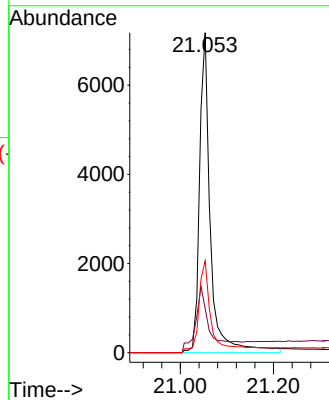
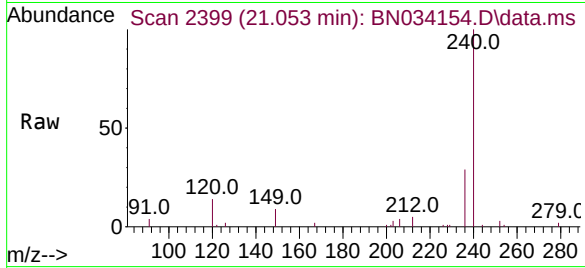
Tgt Ion:240 Resp: 11173

Ion Ratio Lower Upper

240 100

120 13.9 13.5 20.3

236 28.7 23.4 35.0



#31

Terphenyl-d14

Concen: 0.446 ng

RT: 19.494 min Scan# 2068

Delta R.T. -0.011 min

Lab File: BN034154.D

Acq: 22 Sep 2024 09:37

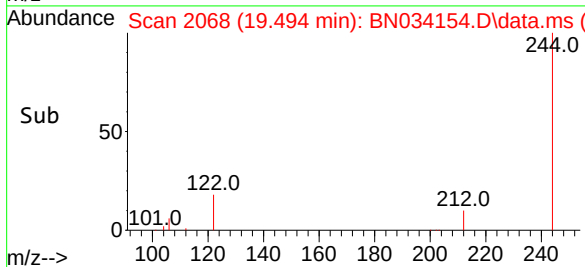
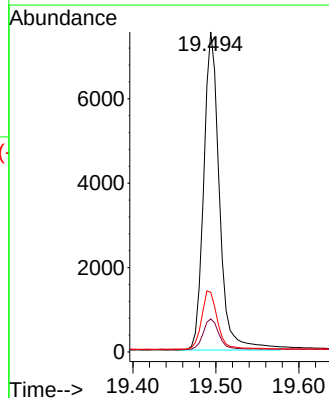
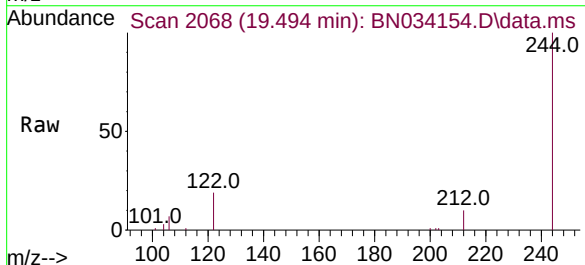
Tgt Ion:244 Resp: 9948

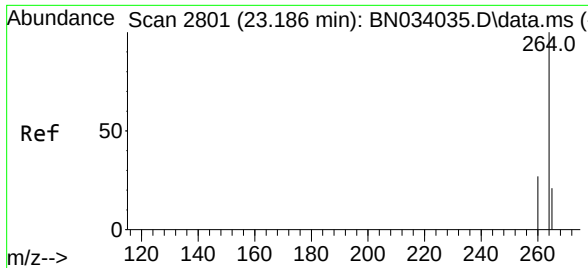
Ion Ratio Lower Upper

244 100

212 10.3 7.8 11.6

122 18.6 14.8 22.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.174 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN034154.D
Acq: 22 Sep 2024 09:37

Instrument :
BNA_N
ClientSampleId :
RE122D2-20240916

Tgt Ion:264 Resp: 8811
Ion Ratio Lower Upper
264 100
260 27.0 21.7 32.5
265 84.4 52.1 78.1#

