

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
 Data File : BN034239.D
 Acq On : 25 Sep 2024 23:47
 Operator : RC/JU
 Sample : P4164-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D1-20240920

Quant Time: Sep 26 04:32:05 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 03:57:12 2024
 Response via : Initial Calibration

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

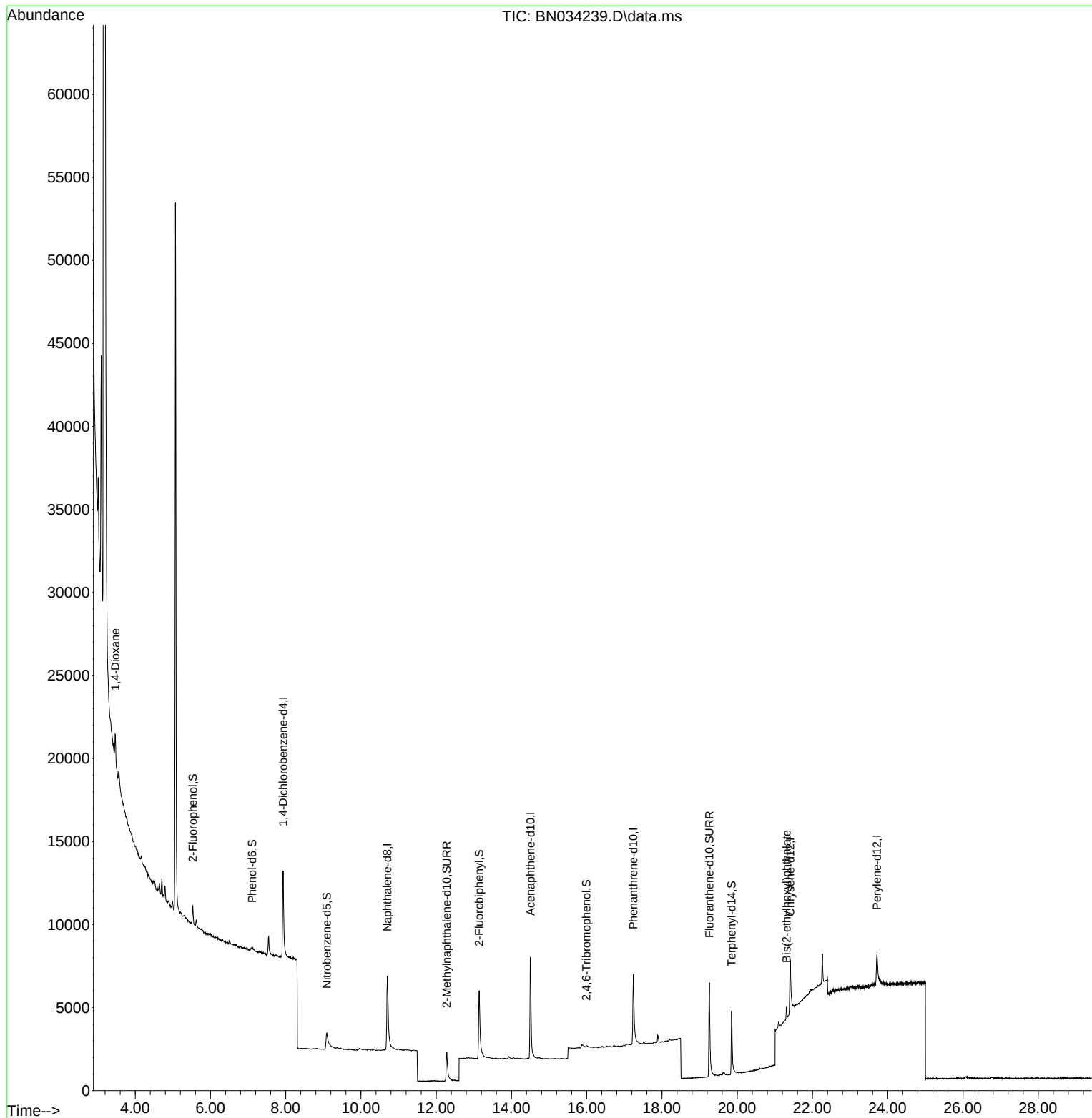
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	3723	0.400	ng	-0.04
7) Naphthalene-d8	10.703	136	9841	0.400	ng	#-0.04
13) Acenaphthene-d10	14.511	164	5151	0.400	ng	-0.03
19) Phenanthrene-d10	17.243	188	9491	0.400	ng	#-0.04
29) Chrysene-d12	21.411	240	5396	0.400	ng	#-0.03
35) Perylene-d12	23.715	264	4398	0.400	ng	#-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.531	112	1048	0.099	ng	-0.04
5) Phenol-d6	7.113	99	384	0.031	ng	-0.04
8) Nitrobenzene-d5	9.091	82	1967	0.261	ng	-0.03
11) 2-Methylnaphthalene-d10	12.279	152	4045	0.278	ng	-0.05
14) 2,4,6-Tribromophenol	15.989	330	145	0.062	ng	-0.04
15) 2-Fluorobiphenyl	13.142	172	6379	0.304	ng	-0.04
27) Fluoranthene-d10	19.257	212	8841	0.369	ng	-0.04
31) Terphenyl-d14	19.851	244	5757	0.534	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.473	88	1900	0.408	ng	# 61
34) Bis(2-ethylhexyl)phtha...	21.313	149	924	0.130	ng	# 94

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

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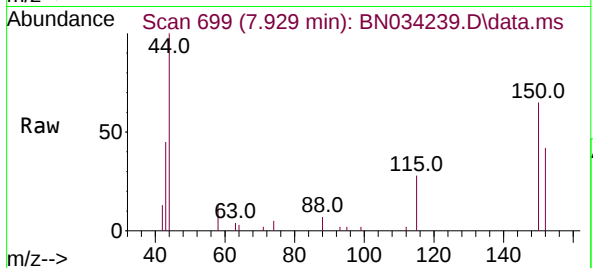
Quant Time: Sep 26 04:32:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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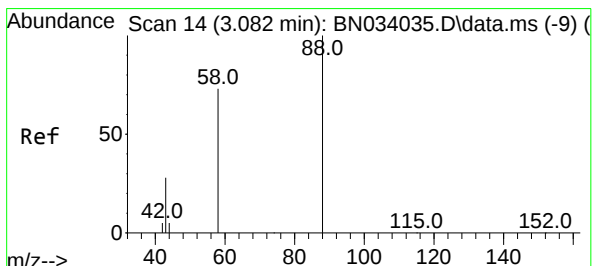
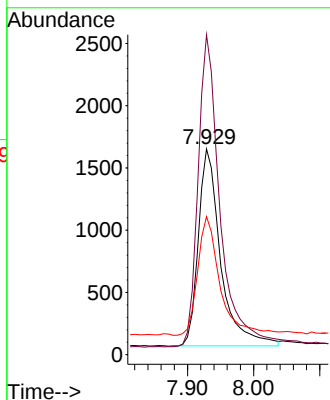
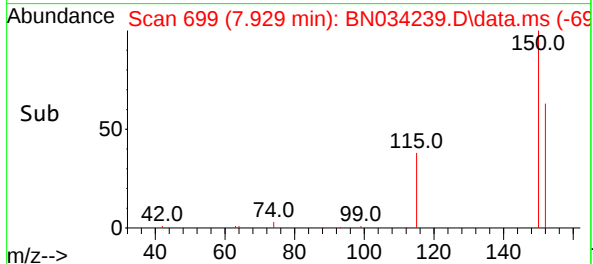


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.929 min Scan# 61
Delta R.T. -0.043 min
Lab File: BN034239.D
Acq: 25 Sep 2024 23:47

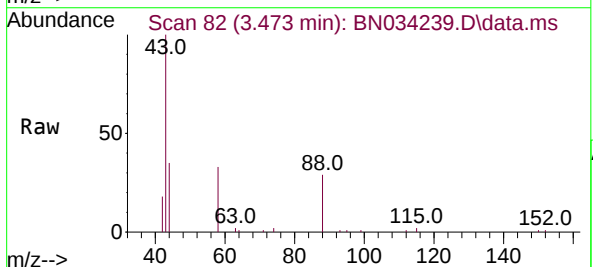
Instrument :
BNA_N
ClientSampleId :
RE135D1-20240920



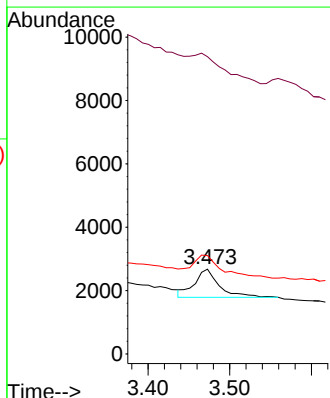
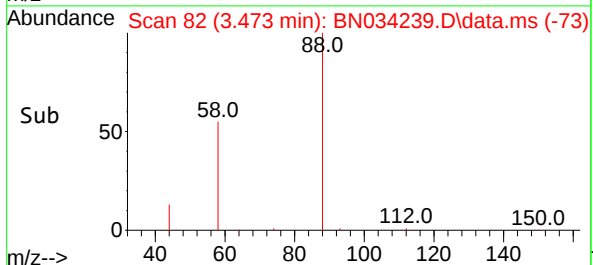
Tgt Ion:152 Resp: 3723
Ion Ratio Lower Upper
152 100
150 155.5 124.6 187.0
115 67.1 50.0 75.0



#2
1,4-Dioxane
Concen: 0.408 ng
RT: 3.473 min Scan# 82
Delta R.T. -0.036 min
Lab File: BN034239.D
Acq: 25 Sep 2024 23:47



Tgt Ion: 88 Resp: 1900
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.8#
58 99.6 58.8 88.2#

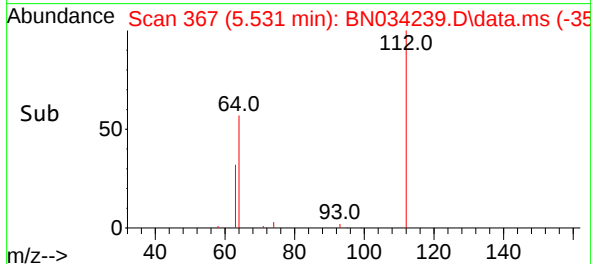
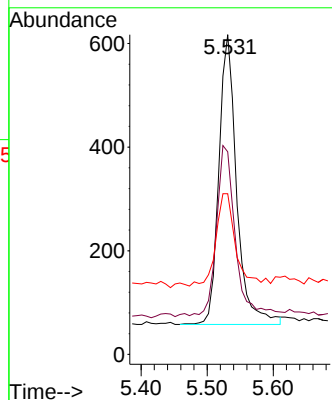
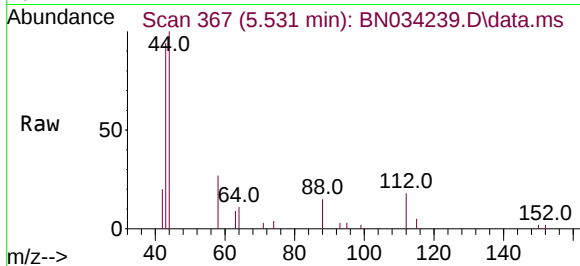




#4
2-Fluorophenol
Concen: 0.099 ng
RT: 5.531 min Scan# 30
Delta R.T. -0.043 min
Lab File: BN034239.D
Acq: 25 Sep 2024 23:47

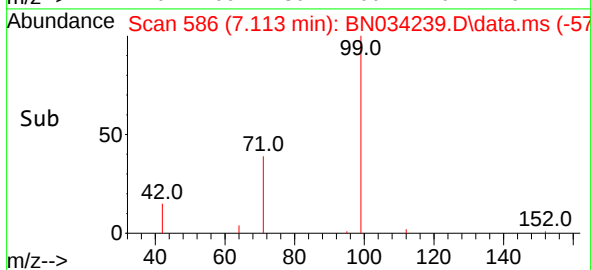
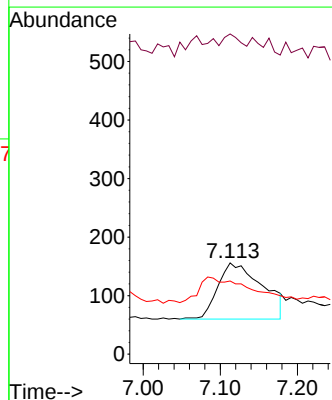
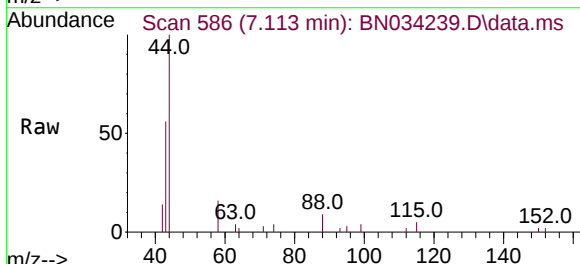
Instrument :
BNA_N
ClientSampleId :
RE135D1-20240920

Tgt Ion:112 Resp: 1048
Ion Ratio Lower Upper
112 100
64 61.5 48.6 72.8
63 34.4 25.6 38.4



#5
Phenol-d6
Concen: 0.031 ng
RT: 7.113 min Scan# 586
Delta R.T. -0.036 min
Lab File: BN034239.D
Acq: 25 Sep 2024 23:47

Tgt Ion: 99 Resp: 384
Ion Ratio Lower Upper
99 100
42 8.3 17.8 26.8#
71 0.0 26.2 39.2#

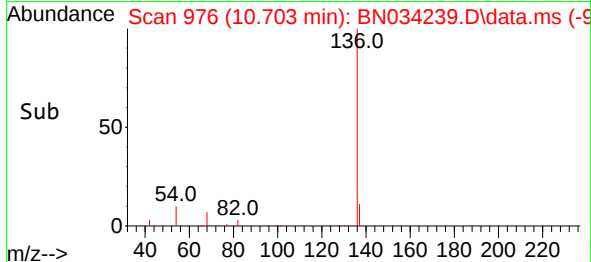
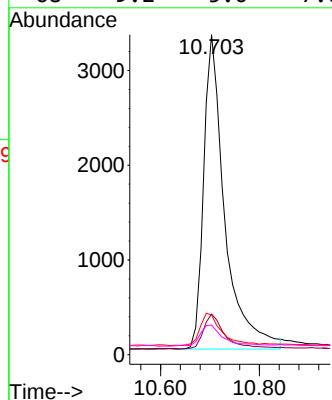
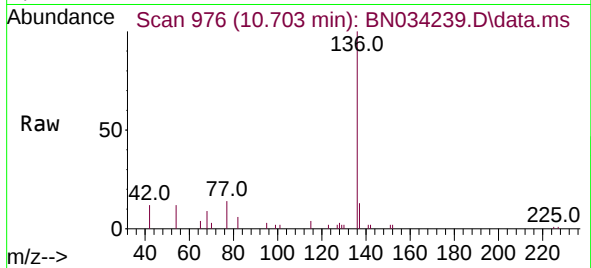




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.703 min Scan# 915
Delta R.T. -0.043 min
Lab File: BN034239.D
Acq: 25 Sep 2024 23:47

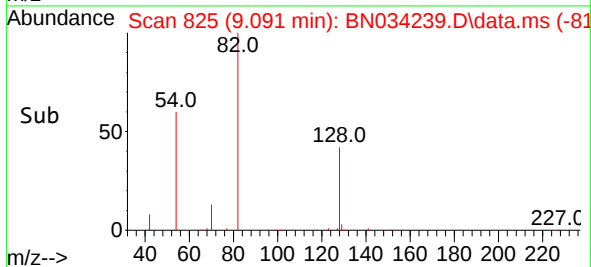
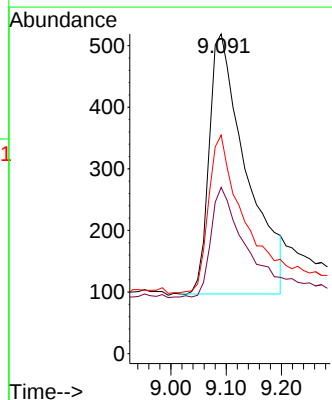
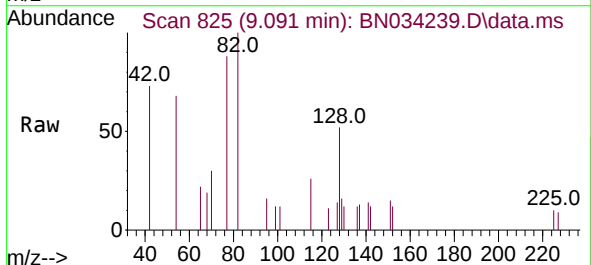
Instrument :
BNA_N
ClientSampleId :
RE135D1-20240920

Tgt Ion:	136	Resp:	9841
Ion Ratio	Lower	Upper	
136	100		
137	12.7	9.0	13.6
54	12.4	6.8	10.2#
68	9.2	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.261 ng
RT: 9.091 min Scan# 825
Delta R.T. -0.032 min
Lab File: BN034239.D
Acq: 25 Sep 2024 23:47

Tgt Ion:	82	Resp:	1967
Ion Ratio	Lower	Upper	
82	100		
128	52.0	31.4	47.2#
54	68.4	47.4	71.0





#11

2-Methylnaphthalene-d10

Concen: 0.278 ng

RT: 12.279 min Scan# 11

Delta R.T. -0.045 min

Lab File: BN034239.D

Acq: 25 Sep 2024 23:47

Instrument :

BNA_N

ClientSampleId :

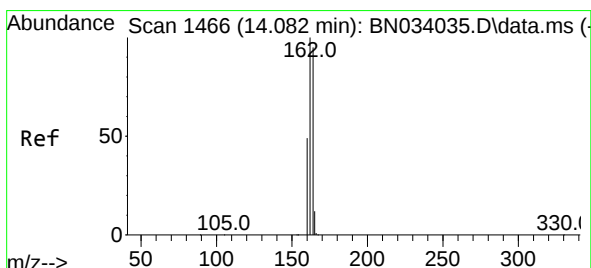
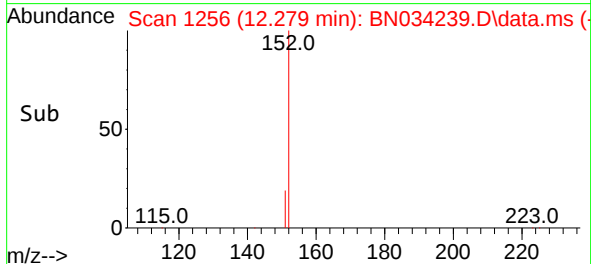
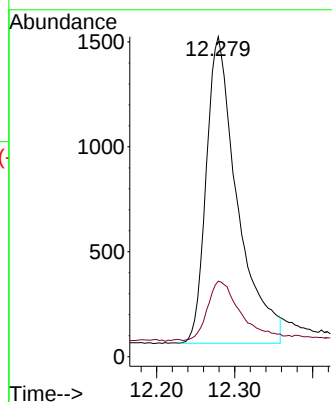
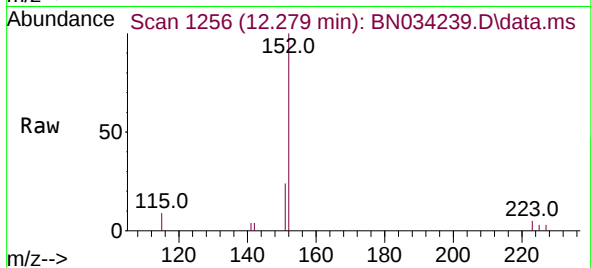
RE135D1-20240920

Tgt Ion:152 Resp: 4045

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.511 min Scan# 1521

Delta R.T. -0.032 min

Lab File: BN034239.D

Acq: 25 Sep 2024 23:47

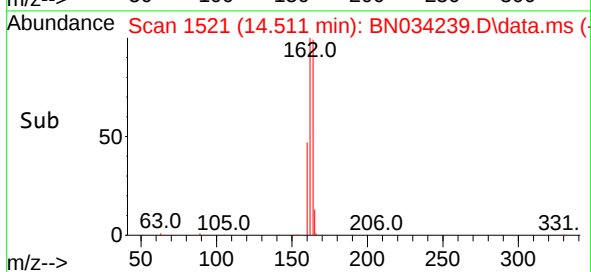
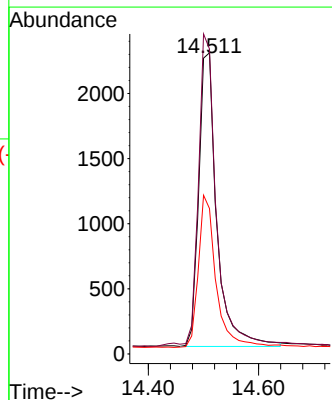
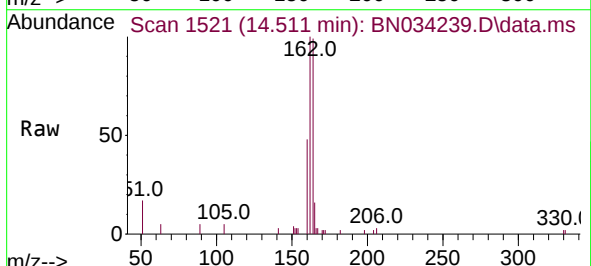
Tgt Ion:164 Resp: 5151

Ion Ratio Lower Upper

164 100

162 101.3 84.2 126.2

160 48.3 41.7 62.5

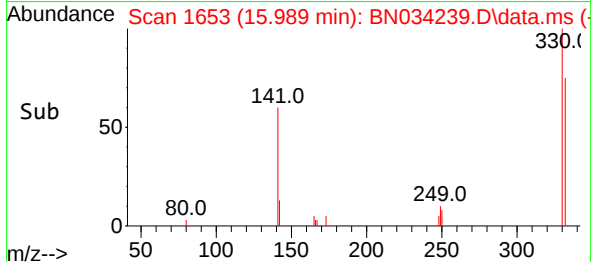
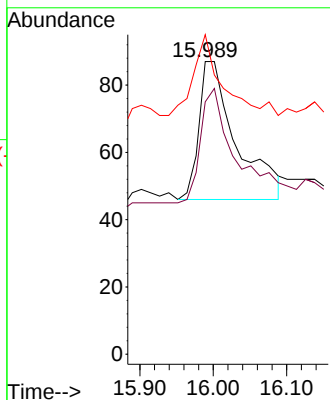
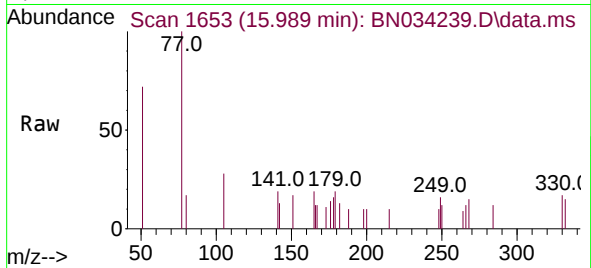




#14
2,4,6-Tribromophenol
Concen: 0.062 ng
RT: 15.989 min Scan# 1
Delta R.T. -0.037 min
Lab File: BN034239.D
Acq: 25 Sep 2024 23:47

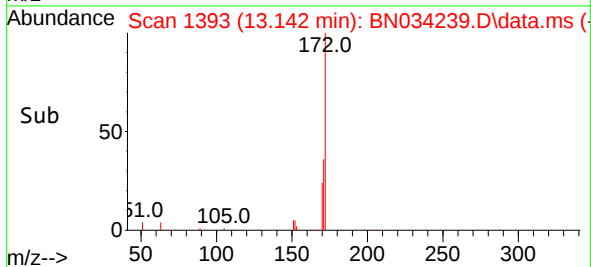
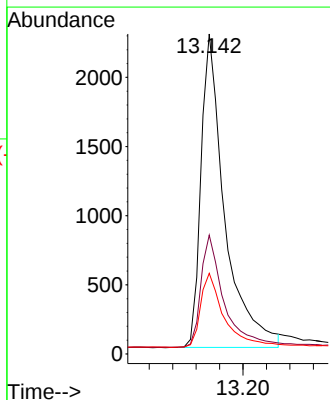
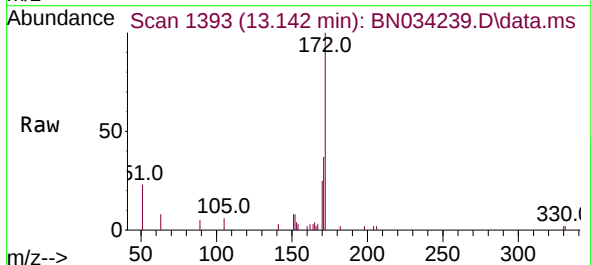
Instrument :
BNA_N
ClientSampleId :
RE135D1-20240920

Tgt Ion:330 Resp: 145
Ion Ratio Lower Upper
330 100
332 78.6 77.4 116.0
141 44.8 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.304 ng
RT: 13.142 min Scan# 1393
Delta R.T. -0.043 min
Lab File: BN034239.D
Acq: 25 Sep 2024 23:47

Tgt Ion:172 Resp: 6379
Ion Ratio Lower Upper
172 100
171 37.2 27.3 40.9
170 25.2 18.1 27.1

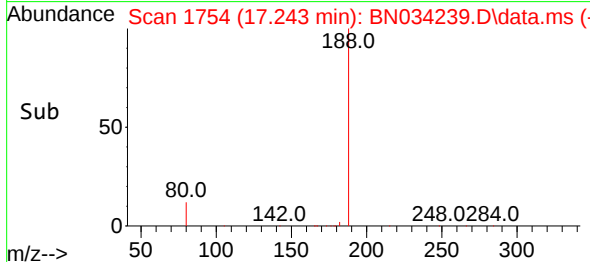
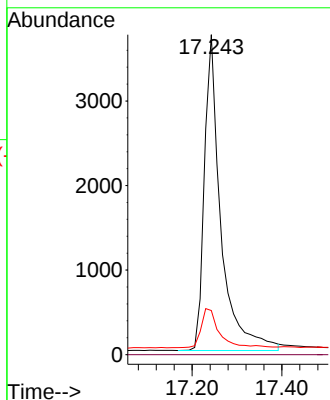
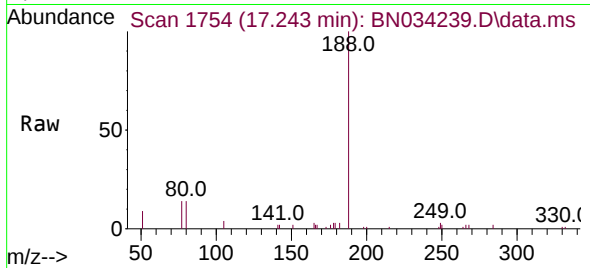




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.243 min Scan# 11
Delta R.T. -0.037 min
Lab File: BN034239.D
Acq: 25 Sep 2024 23:47

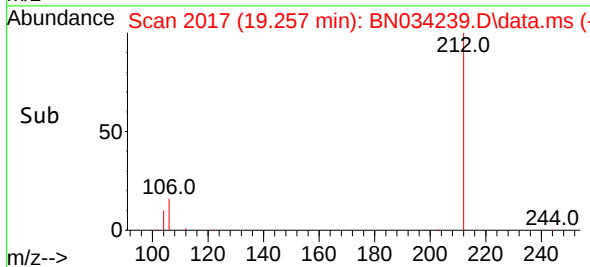
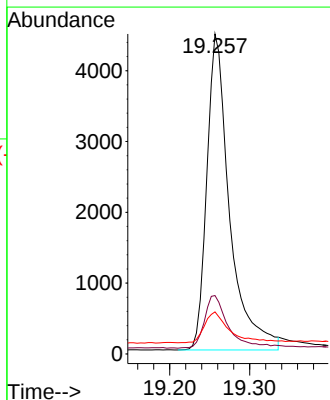
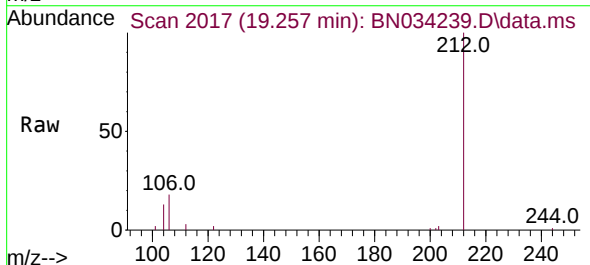
Instrument :
BNA_N
ClientSampleId :
RE135D1-20240920

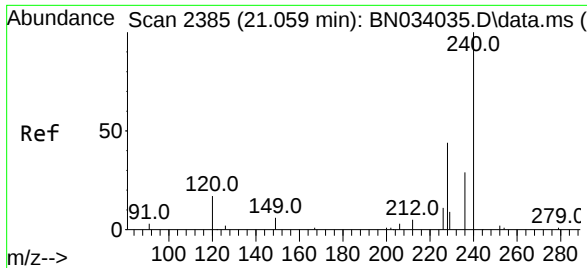
Tgt Ion:188 Resp: 9491
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.8 7.4 11.0#



#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.257 min Scan# 2017
Delta R.T. -0.037 min
Lab File: BN034239.D
Acq: 25 Sep 2024 23:47

Tgt Ion:212 Resp: 8841
Ion Ratio Lower Upper
212 100
106 17.4 13.4 20.2
104 10.8 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.411 min Scan# 2145

Delta R.T. -0.027 min

Lab File: BN034239.D

Acq: 25 Sep 2024 23:47

Instrument :

BNA_N

ClientSampleId :

RE135D1-20240920

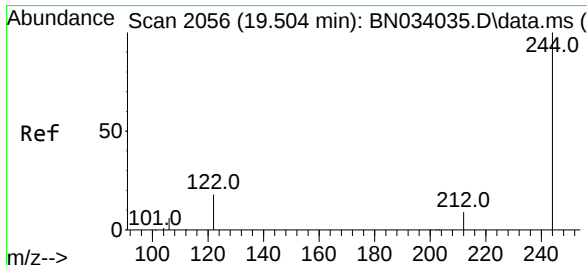
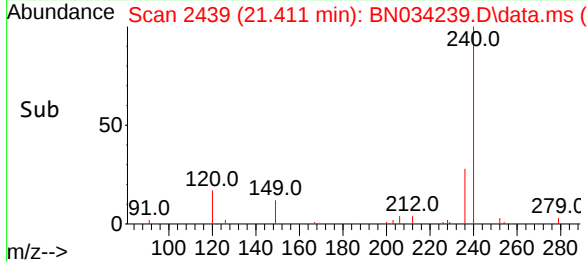
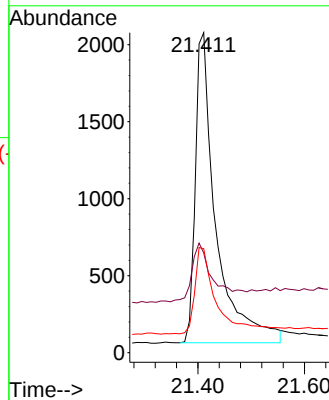
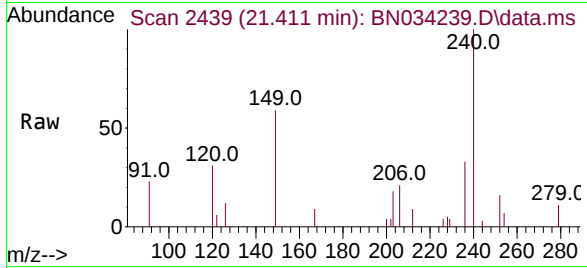
Tgt Ion:240 Resp: 5396

Ion Ratio Lower Upper

240 100

120 31.2 13.5 20.3#

236 32.5 23.4 35.0



#31

Terphenyl-d14

Concen: 0.534 ng

RT: 19.851 min Scan# 2145

Delta R.T. -0.037 min

Lab File: BN034239.D

Acq: 25 Sep 2024 23:47

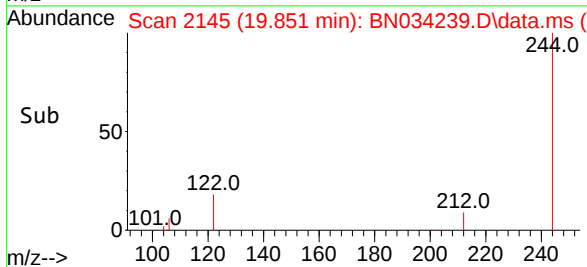
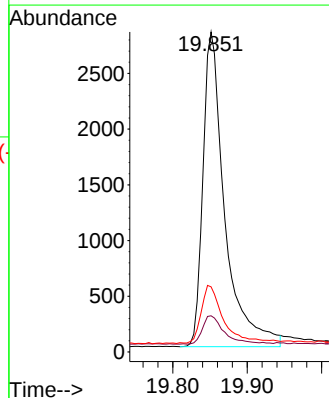
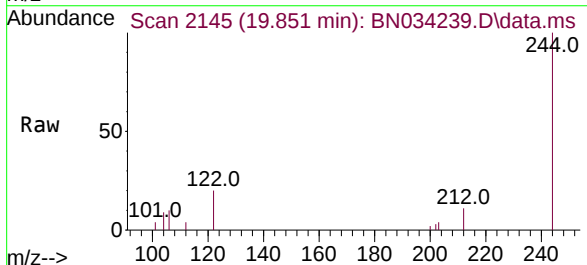
Tgt Ion:244 Resp: 5757

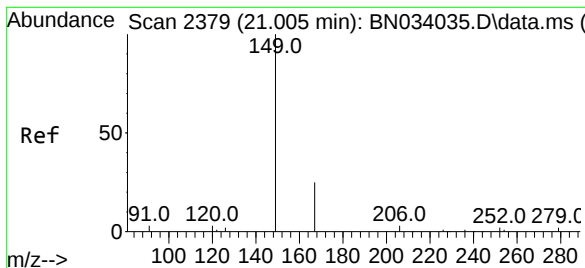
Ion Ratio Lower Upper

244 100

212 11.3 7.8 11.6

122 20.4 14.8 22.2

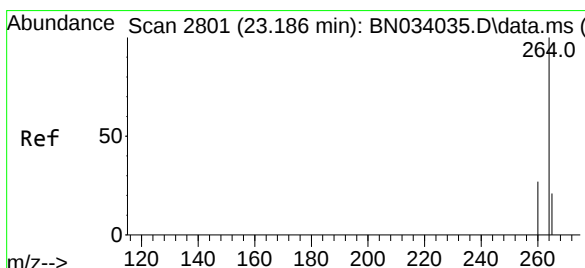
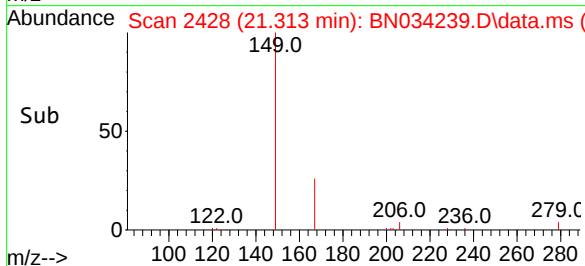
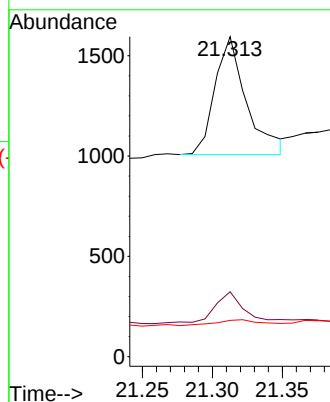
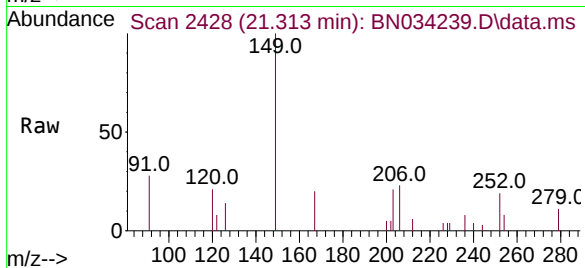




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.130 ng
RT: 21.313 min Scan# 2428
Delta R.T. -0.027 min
Lab File: BN034239.D
Acq: 25 Sep 2024 23:47

Instrument :
BNA_N
ClientSampleId :
RE135D1-20240920

Tgt Ion:149 Resp: 924
Ion Ratio Lower Upper
149 100
167 21.9 19.9 29.9
279 7.0 4.6 6.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.715 min Scan# 2998
Delta R.T. -0.053 min
Lab File: BN034239.D
Acq: 25 Sep 2024 23:47

Tgt Ion:264 Resp: 4398
Ion Ratio Lower Upper
264 100
260 28.7 21.7 32.5
265 301.2 52.1 78.1#

