

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
 Data File : BN034241.D
 Acq On : 26 Sep 2024 01:00
 Operator : RC/JU
 Sample : P4164-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20240920

Quant Time: Sep 26 04:32:30 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)

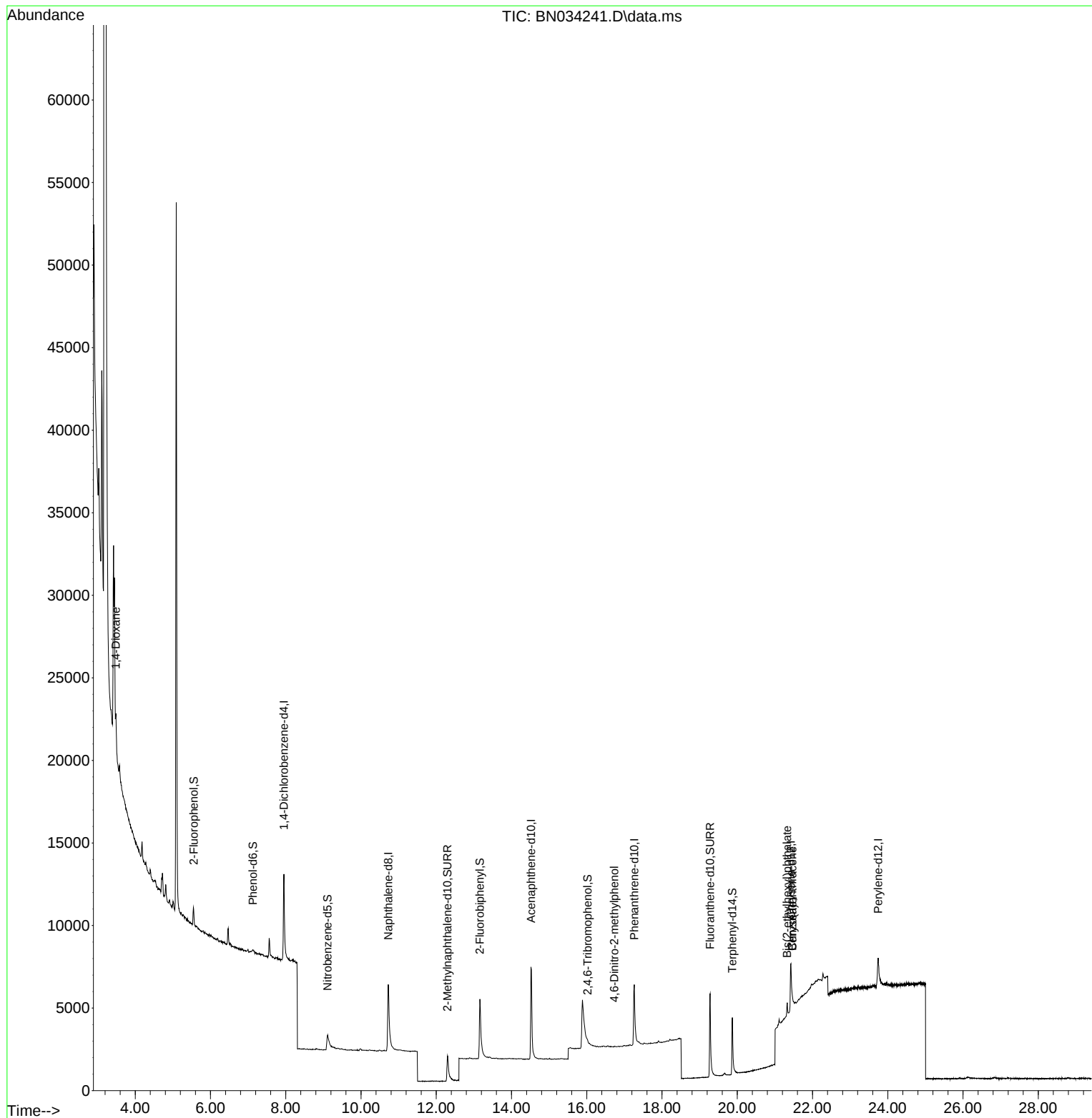
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	3564	0.400	ng	-0.02
7) Naphthalene-d8	10.724	136	9428	0.400	ng	#-0.02
13) Acenaphthene-d10	14.518	164	4891	0.400	ng	-0.03
19) Phenanthrene-d10	17.262	188	8756	0.400	ng	#-0.02
29) Chrysene-d12	21.427	240	5009	0.400	ng	#-0.01
35) Perylene-d12	23.742	264	4129	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.553	112	1062	0.105	ng	-0.02
5) Phenol-d6	7.127	99	398	0.034	ng	-0.02
8) Nitrobenzene-d5	9.112	82	1863	0.258	ng	-0.01
11) 2-Methylnaphthalene-d10	12.298	152	3936	0.283	ng	-0.03
14) 2,4,6-Tribromophenol	16.021	330	104	0.047	ng	0.00
15) 2-Fluorobiphenyl	13.160	172	6024	0.303	ng	-0.03
27) Fluoranthene-d10	19.277	212	8167	0.370	ng	-0.02
31) Terphenyl-d14	19.867	244	5189	0.519	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.487	88	2194	0.492	ng	# 73
20) 4,6-Dinitro-2-methylph...	16.728	198	3	0.140	ng	# 1
32) Benzo(a)anthracene	21.462	228	386	0.024	ng	# 84
33) Chrysene	21.462	228	491	0.026	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.328	149	988	0.150	ng	98

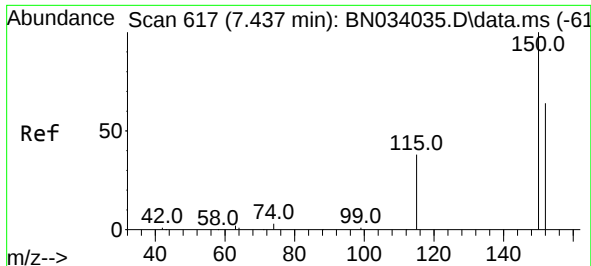
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
Data File : BN034241.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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BNA_N
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RE135D3-20240920

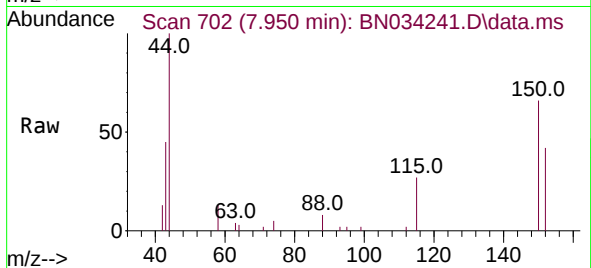
Quant Time: Sep 26 04:32:30 2024
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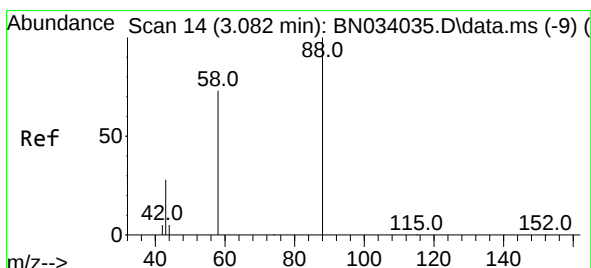
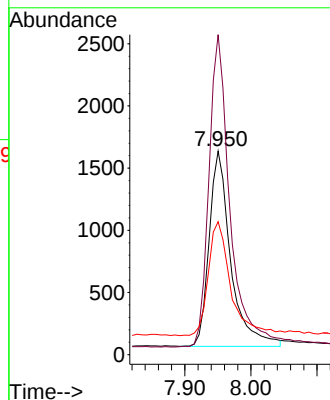
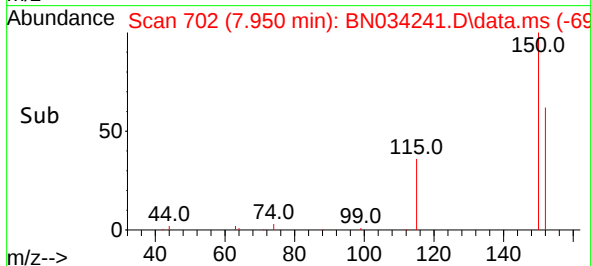


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.950 min Scan# 702
 Delta R.T. -0.022 min
 Lab File: BN034241.D
 Acq: 26 Sep 2024 01:00

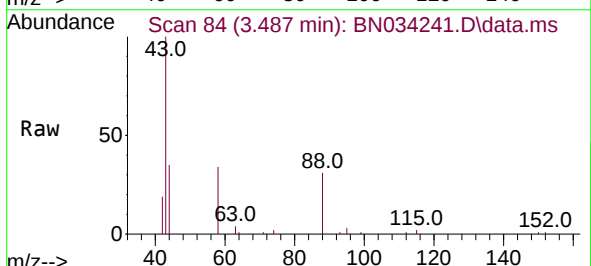
Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20240920



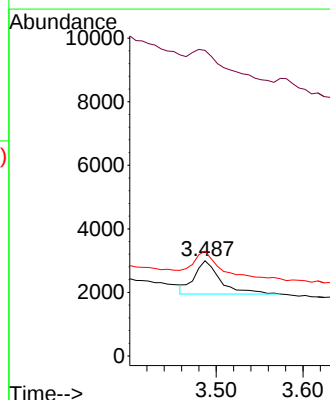
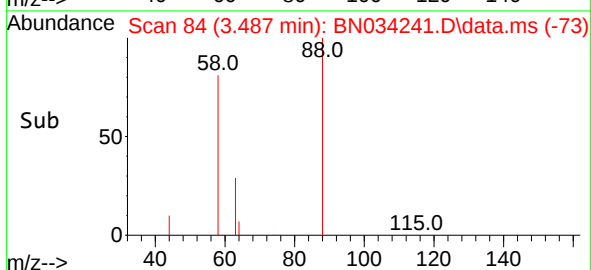
Tgt Ion:152 Resp: 3564
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.6 187.0
 115 65.3 50.0 75.0

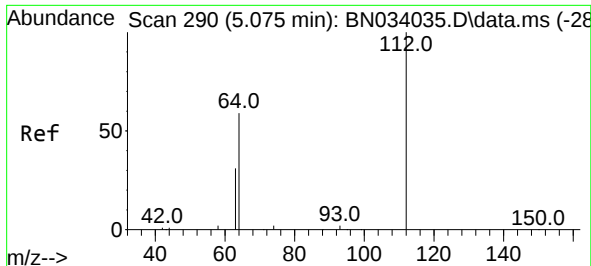


#2
 1,4-Dioxane
 Concen: 0.492 ng
 RT: 3.487 min Scan# 84
 Delta R.T. -0.022 min
 Lab File: BN034241.D
 Acq: 26 Sep 2024 01:00



Tgt Ion: 88 Resp: 2194
 Ion Ratio Lower Upper
 88 100
 43 0.0 25.8 38.8#
 58 85.3 58.8 88.2

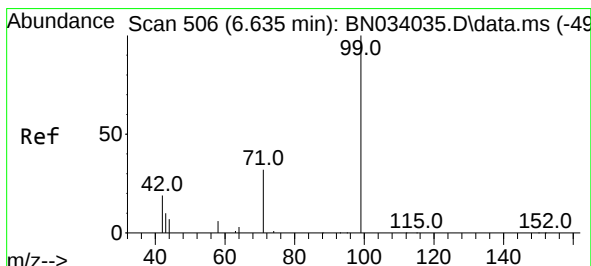
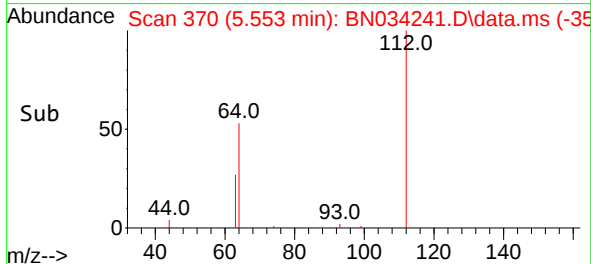
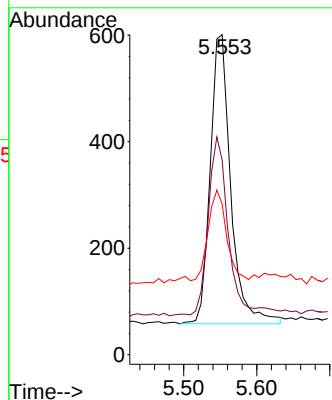
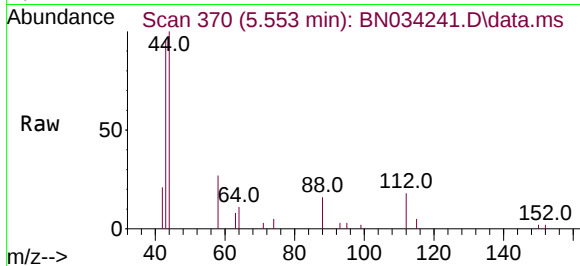




#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.553 min Scan# 31
Delta R.T. -0.022 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

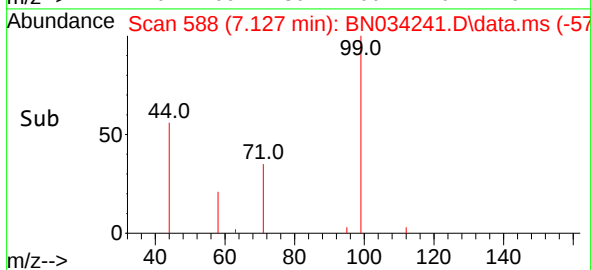
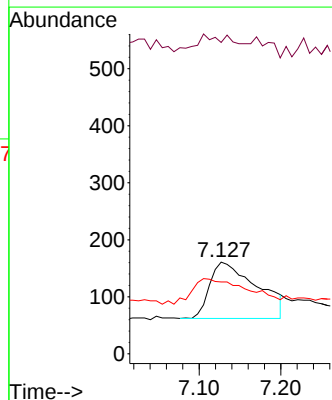
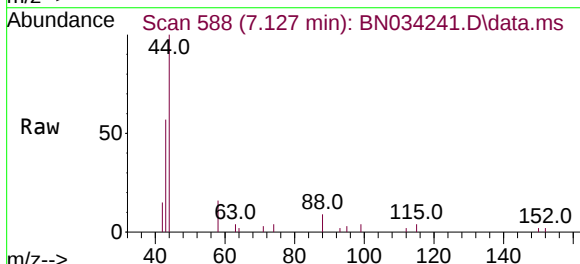
Instrument :
BNA_N
ClientSampleId :
RE135D3-20240920

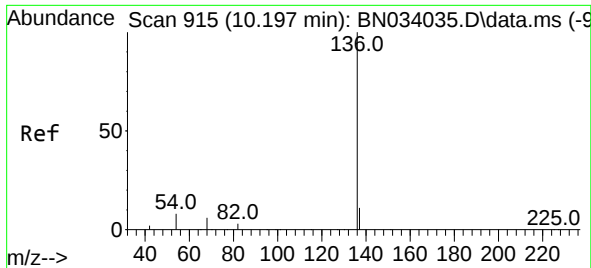
Tgt Ion:112 Resp: 1062
Ion Ratio Lower Upper
112 100
64 61.7 48.6 72.8
63 28.0 25.6 38.4



#5
Phenol-d6
Concen: 0.034 ng
RT: 7.127 min Scan# 588
Delta R.T. -0.022 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

Tgt Ion: 99 Resp: 398
Ion Ratio Lower Upper
99 100
42 0.0 17.8 26.8#
71 0.0 26.2 39.2#

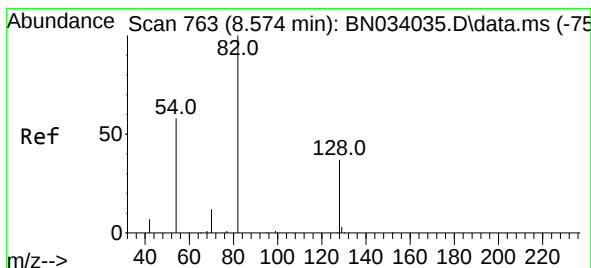
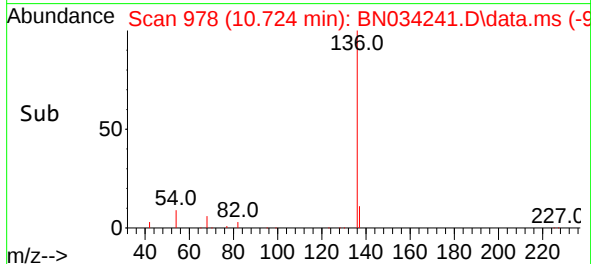
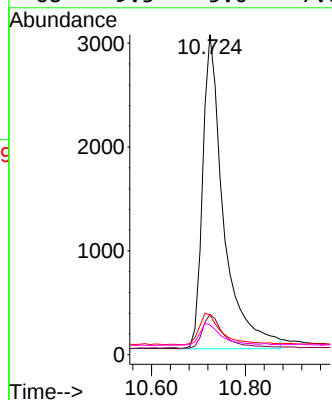
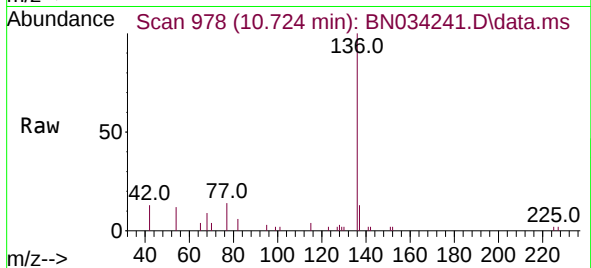




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.724 min Scan# 915
Delta R.T. -0.021 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

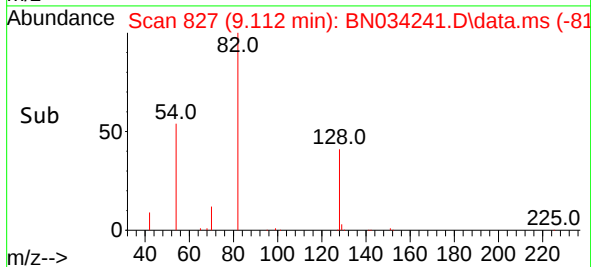
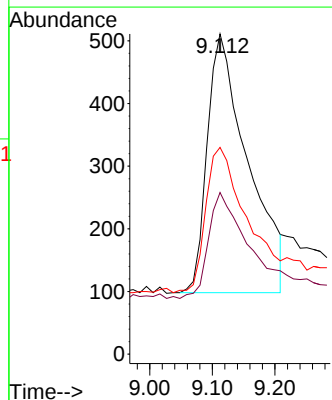
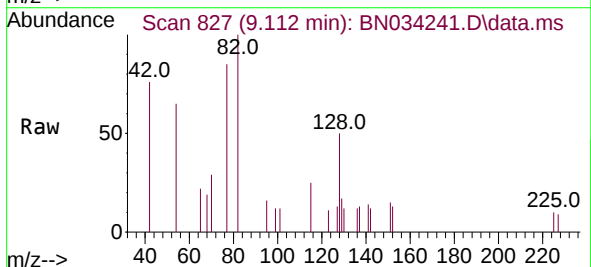
Instrument :
BNA_N
ClientSampleId :
RE135D3-20240920

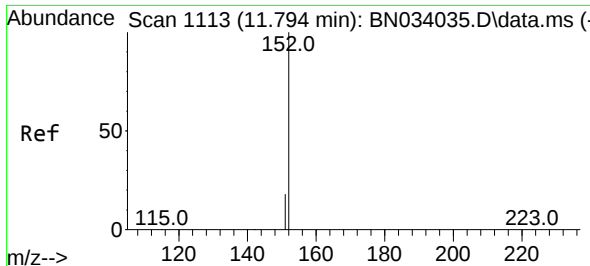
Tgt Ion:	136	Resp:	9428
Ion Ratio	Lower	Upper	
136	100		
137	12.6	9.0	13.6
54	12.4	6.8	10.2#
68	9.3	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.258 ng
RT: 9.112 min Scan# 827
Delta R.T. -0.011 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

Tgt Ion:	82	Resp:	1863
Ion Ratio	Lower	Upper	
82	100		
128	50.5	31.4	47.2#
54	64.6	47.4	71.0

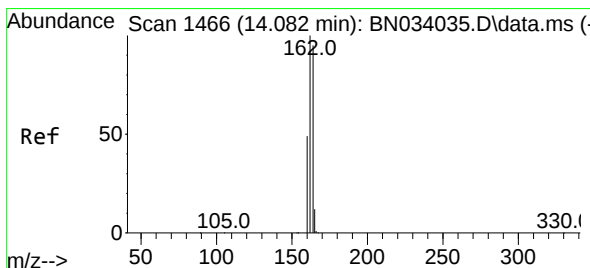
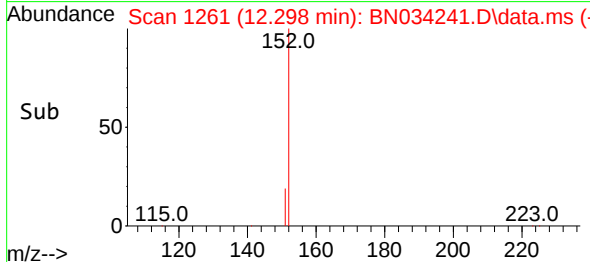
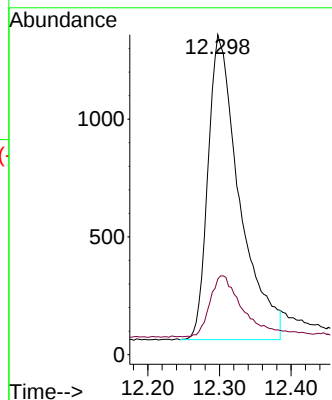
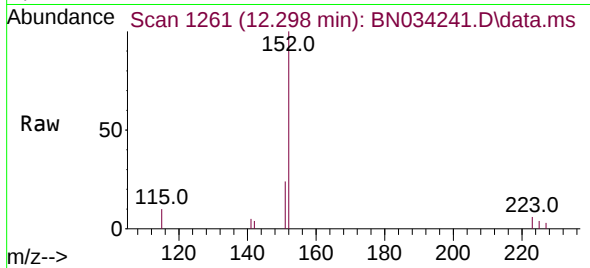




#11
2-Methylnaphthalene-d10
Concen: 0.283 ng
RT: 12.298 min Scan# 1113
Delta R.T. -0.027 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

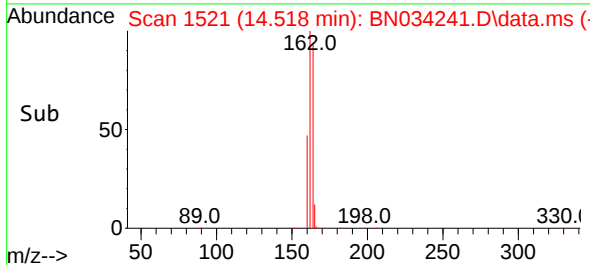
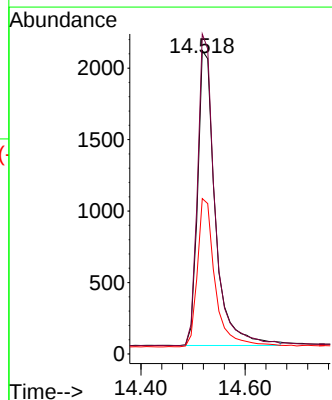
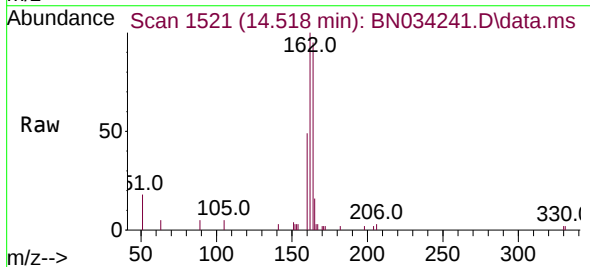
Instrument :
BNA_N
ClientSampleId :
RE135D3-20240920

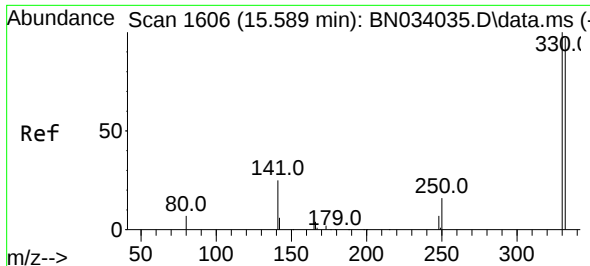
Tgt Ion:152 Resp: 3936
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.518 min Scan# 1521
Delta R.T. -0.025 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

Tgt Ion:164 Resp: 4891
Ion Ratio Lower Upper
164 100
162 105.5 84.2 126.2
160 51.2 41.7 62.5

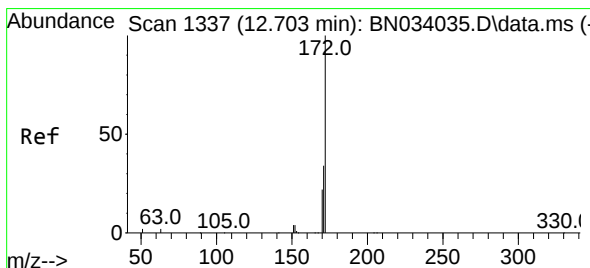
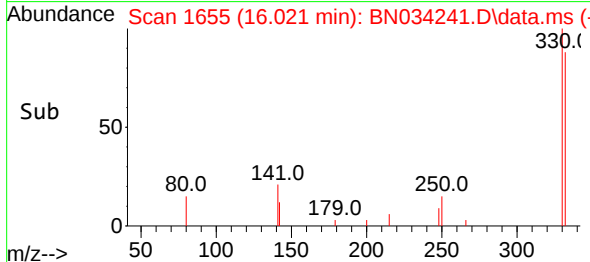
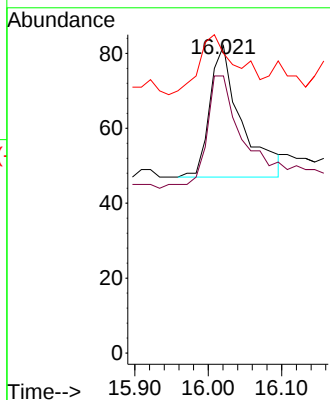
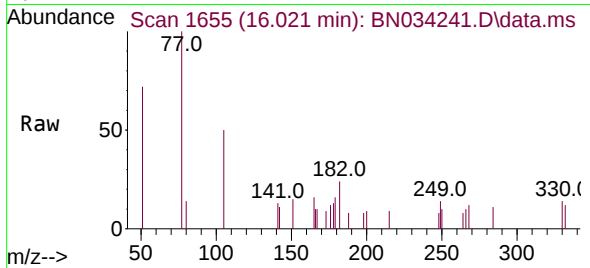




#14
2,4,6-Tribromophenol
Concen: 0.047 ng
RT: 16.021 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

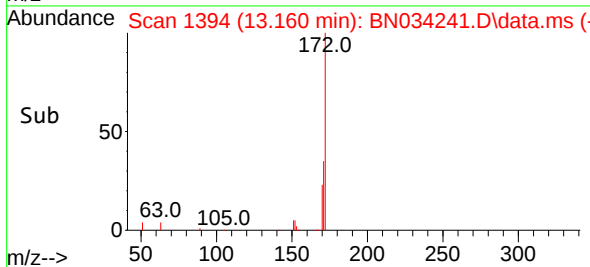
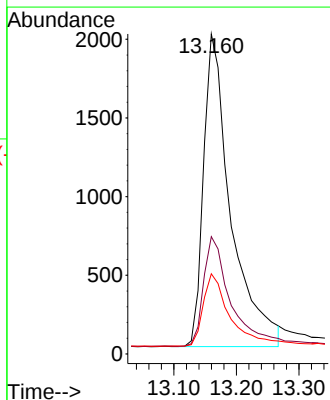
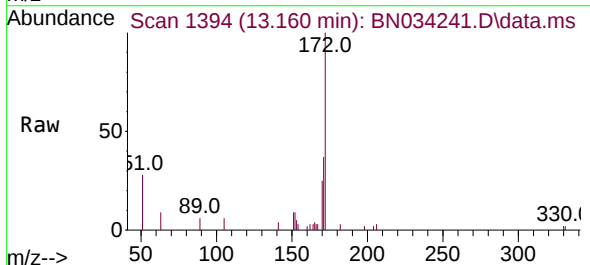
Instrument :
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ClientSampleId :
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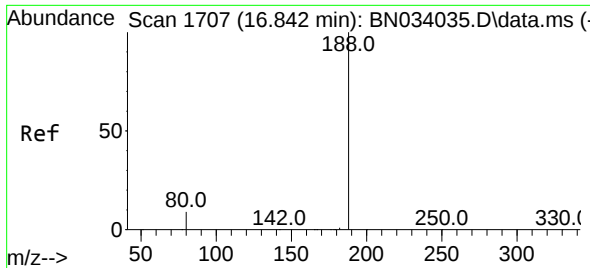
Tgt Ion:330 Resp: 104
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 55.8 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 13.160 min Scan# 1394
Delta R.T. -0.025 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

Tgt Ion:172 Resp: 6024
Ion Ratio Lower Upper
172 100
171 36.6 27.3 40.9
170 25.1 18.1 27.1

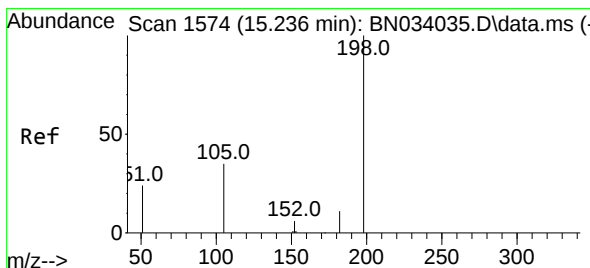
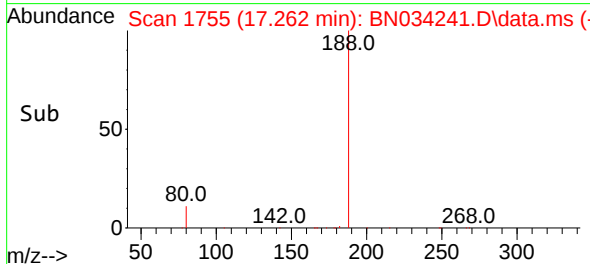
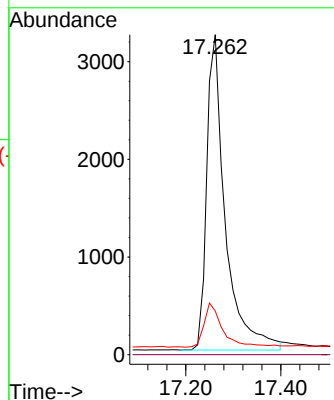
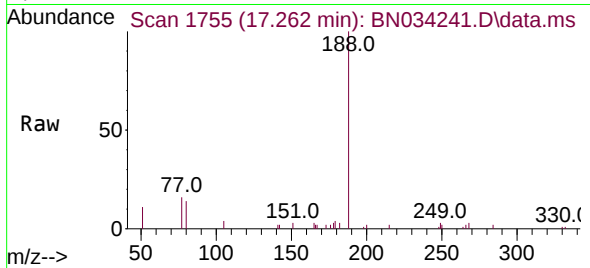




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.262 min Scan# 1712
Delta R.T. -0.018 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

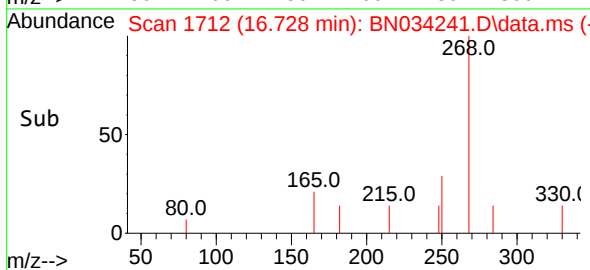
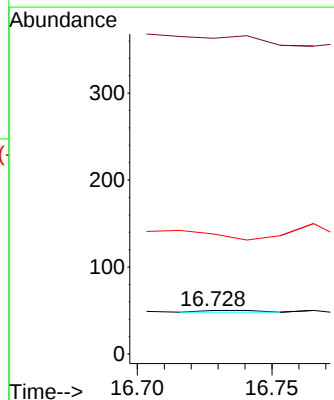
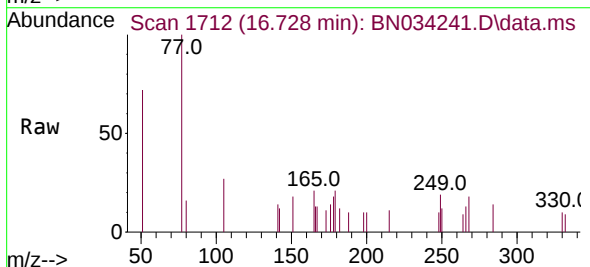
Instrument :
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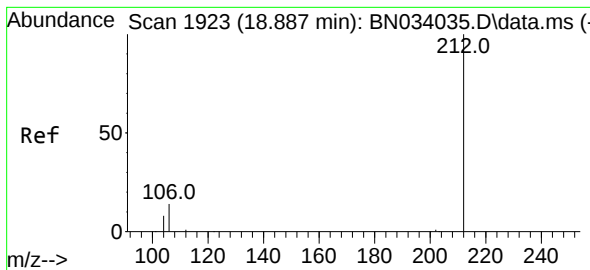
Tgt Ion:188 Resp: 8756
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.6 7.4 11.0#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.140 ng
RT: 16.728 min Scan# 1712
Delta R.T. -0.018 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 726.0 106.4 159.6#
105 276.0 38.5 57.7#





#27

Fluoranthene-d10

Concen: 0.370 ng

RT: 19.277 min Scan# 20

Delta R.T. -0.016 min

Lab File: BN034241.D

Acq: 26 Sep 2024 01:00

Instrument :

BNA_N

ClientSampleId :

RE135D3-20240920

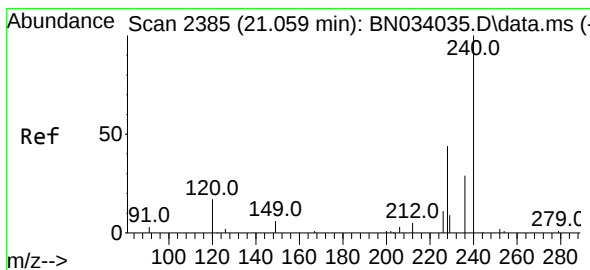
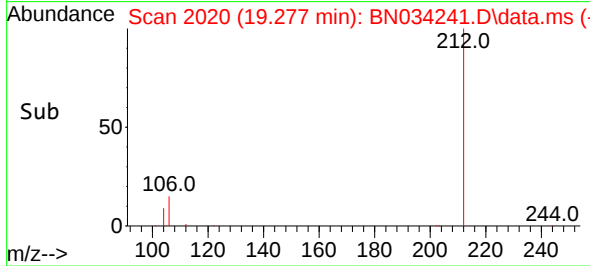
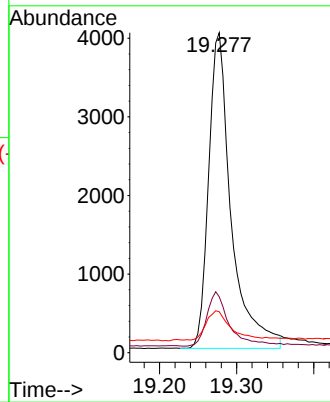
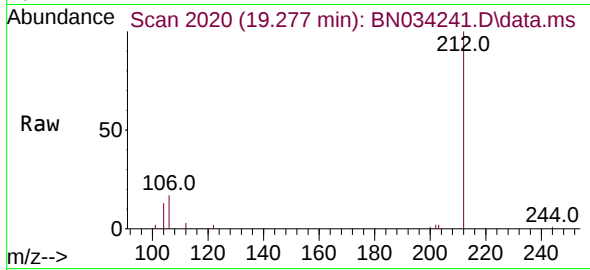
Tgt Ion:212 Resp: 8167

Ion Ratio Lower Upper

212 100

106 17.1 13.4 20.2

104 10.1 7.8 11.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.427 min Scan# 2439

Delta R.T. -0.011 min

Lab File: BN034241.D

Acq: 26 Sep 2024 01:00

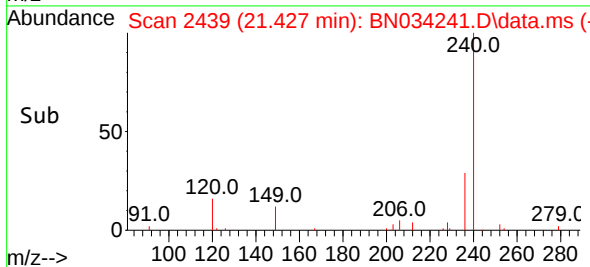
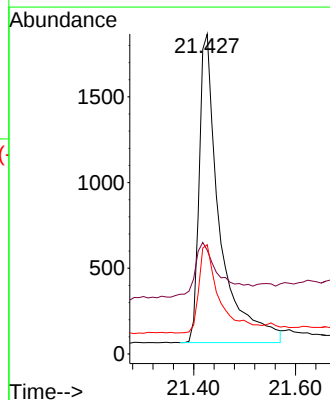
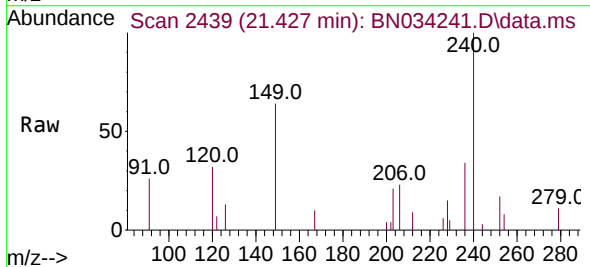
Tgt Ion:240 Resp: 5009

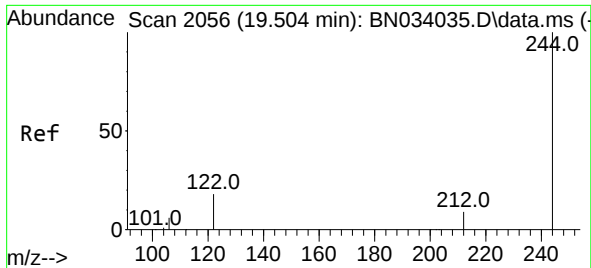
Ion Ratio Lower Upper

240 100

120 32.4 13.5 20.3#

236 34.2 23.4 35.0

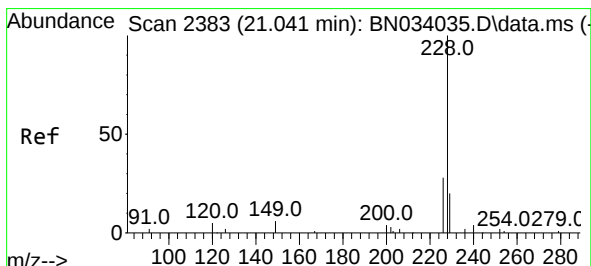
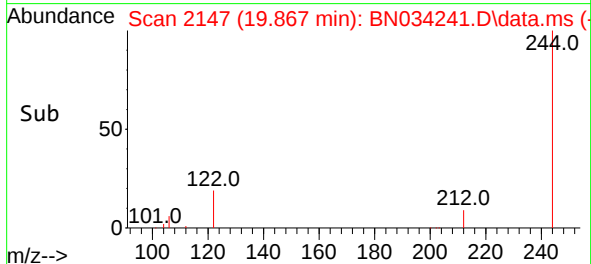
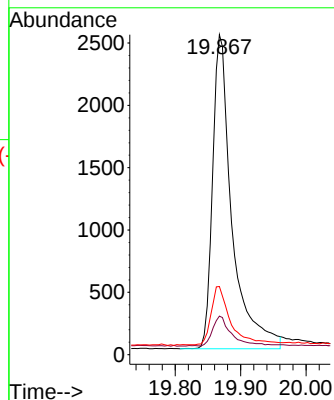
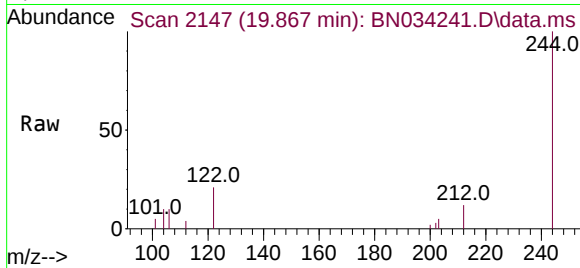




#31
 Terphenyl-d14
 Concen: 0.519 ng
 RT: 19.867 min Scan# 2147
 Delta R.T. -0.021 min
 Lab File: BN034241.D
 Acq: 26 Sep 2024 01:00

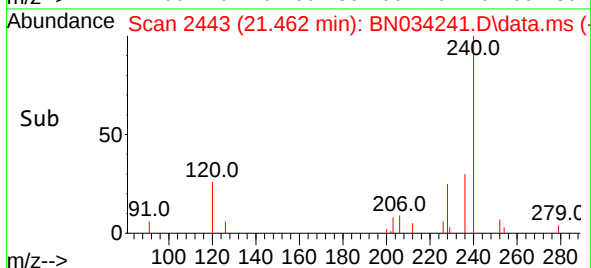
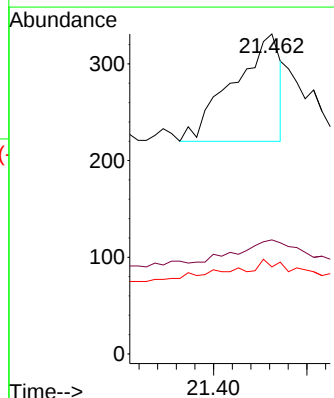
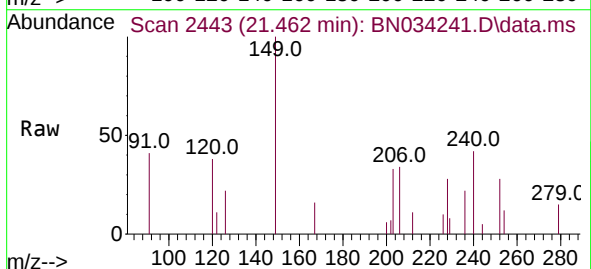
Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20240920

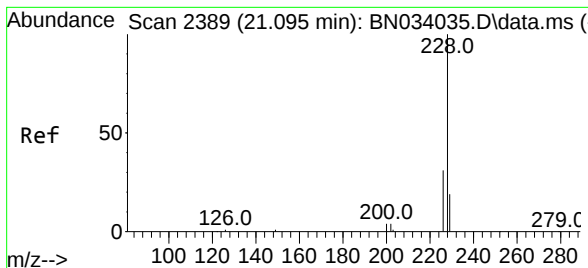
Tgt Ion:244 Resp: 5189
 Ion Ratio Lower Upper
 244 100
 212 12.0 7.8 11.6#
 122 21.3 14.8 22.2



#32
 Benzo(a)anthracene
 Concen: 0.024 ng
 RT: 21.462 min Scan# 2443
 Delta R.T. 0.042 min
 Lab File: BN034241.D
 Acq: 26 Sep 2024 01:00

Tgt Ion:228 Resp: 386
 Ion Ratio Lower Upper
 228 100
 226 35.6 22.3 33.5#
 229 27.2 15.7 23.5#





#33

Chrysene

Concen: 0.026 ng

RT: 21.462 min Scan# 2443

Delta R.T. -0.011 min

Lab File: BN034241.D

Acq: 26 Sep 2024 01:00

Instrument :

BNA_N

ClientSampleId :

RE135D3-20240920

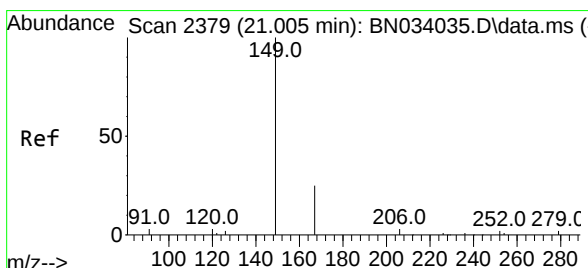
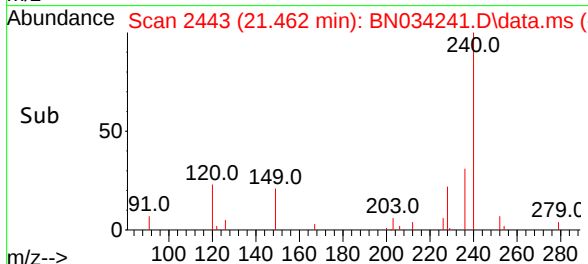
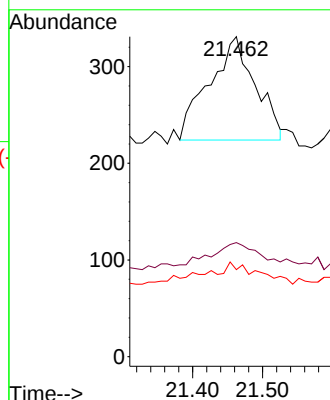
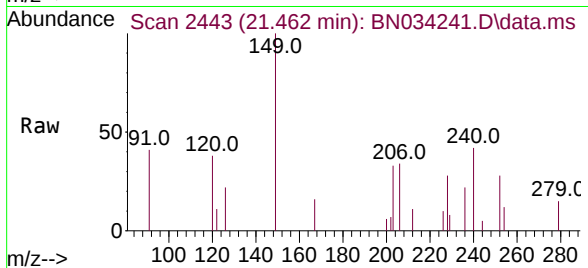
Tgt Ion:228 Resp: 491

Ion Ratio Lower Upper

228 100

226 35.6 24.6 37.0

229 27.2 15.5 23.3#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.150 ng

RT: 21.328 min Scan# 2428

Delta R.T. -0.011 min

Lab File: BN034241.D

Acq: 26 Sep 2024 01:00

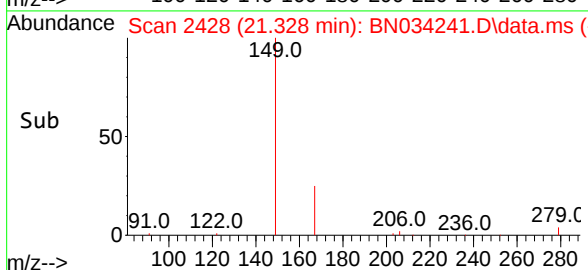
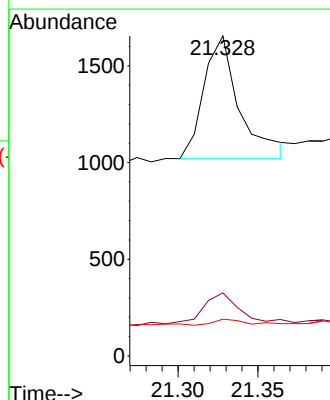
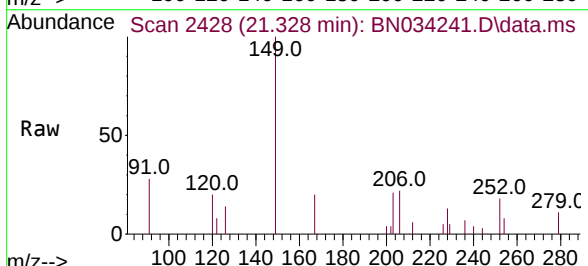
Tgt Ion:149 Resp: 988

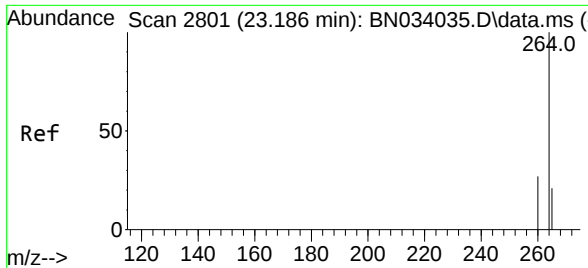
Ion Ratio Lower Upper

149 100

167 24.2 19.9 29.9

279 4.9 4.6 6.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.742 min Scan# 30
Delta R.T. -0.026 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

Instrument :
BNA_N
ClientSampleId :
RE135D3-20240920

Tgt Ion:264	Resp:	4129
Ion	Ratio	Lower Upper
264	100	
260	28.9	21.7 32.5
265	336.7	52.1 78.1#

