

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
 Data File : BN029799.D
 Acq On : 15 Feb 2024 09:28
 Operator : MA/JU
 Sample : P1329-11
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0FM2

Quant Time: Feb 15 10:16:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 13 22:50:45 2024
 Response via : Initial Calibration

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

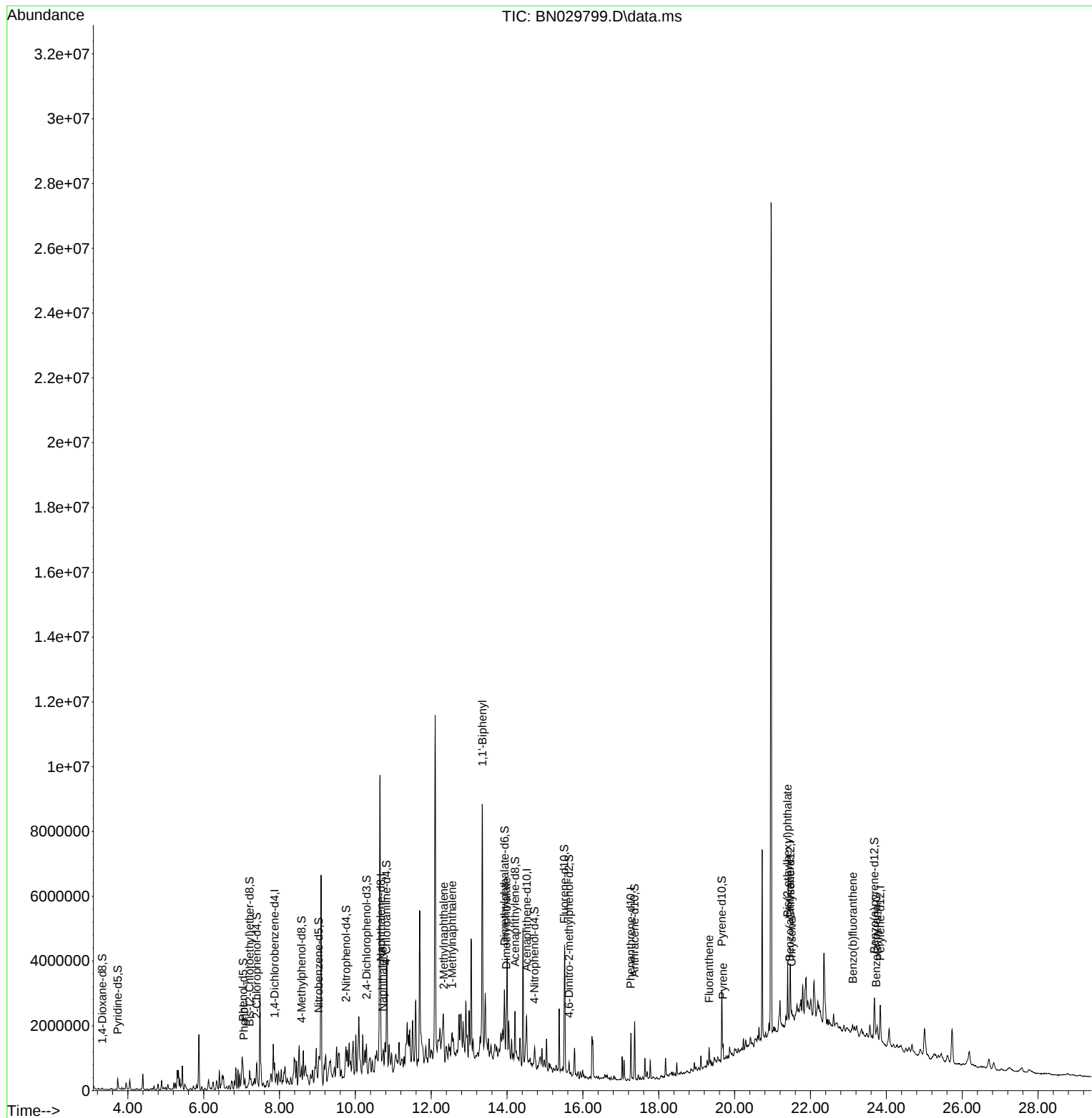
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	186746	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	707803	20.000	ng/u1 #	0.00
38) Acenaphthene-d10	14.516	164	403333	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	806931	20.000	ng/u1	0.00
79) Chrysene-d12	21.469	240	678603	20.000	ng/u1	0.00
88) Perylene-d12	23.839	264	780893	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	19412	3.419	ng/uL	0.00
4) Pyridine-d5	3.734	84	196126	12.953	ng/u1	0.00
7) Phenol-d5	7.040	99	361635	20.703	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	258149	22.144	ng/u1	0.00
11) 2-Chlorophenol-d4	7.399	132	288604	22.801	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	180119	13.827	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	140346	25.548	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	141740	29.625	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	241394	25.562	ng/u1	0.00
31) 4-Chloroaniline-d4	10.816	131	263535	16.357	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	717692	23.900	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	862754	24.193	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	109552	19.222	ng/u1	0.00
60) Fluorene-d10	15.510	176	631078	24.704	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	62899	15.997	ng/u1	0.00
73) Anthracene-d10	17.363	188	889614	23.524	ng/u1	0.00
81) Pyrene-d10	19.663	212	1041267	25.569	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	924969	23.672	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.063	94	26710	1.492	ng/u1	94
30) Naphthalene	10.716	128	114392	2.827	ng/u1#	87
36) 2-Methylnaphthalene	12.334	142	272290	10.979	ng/u1	93
37) 1-Methylnaphthalene	12.551	142	220680	8.975	ng/u1#	96
43) 1,1'-Biphenyl	13.351	154	43136	1.268	ng/u1#	89
47) Dimethylphthalate	13.981	163	249763	8.125	ng/u1#	99
80) Fluoranthene	19.327	202	277676	5.613	ng/u1	97
82) Pyrene	19.692	202	123740	2.364	ng/u1	98
85) Benzo(a)anthracene	21.451	228	66473	1.333	ng/u1#	88
86) Bis(2-ethylhexyl)phtha...	21.398	149	597219	18.102	ng/u1	99
87) Chrysene	21.504	228	91395	1.956	ng/u1#	92
90) Benzo(b)fluoranthene	23.121	252	117129	2.381	ng/u1#	58
93) Benzo(a)pyrene	23.733	252	68747	1.457	ng/u1#	67

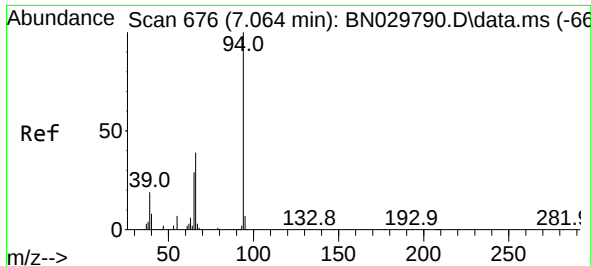
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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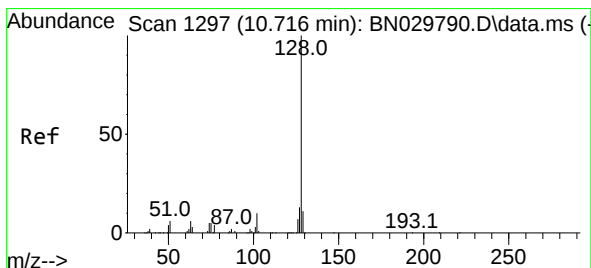
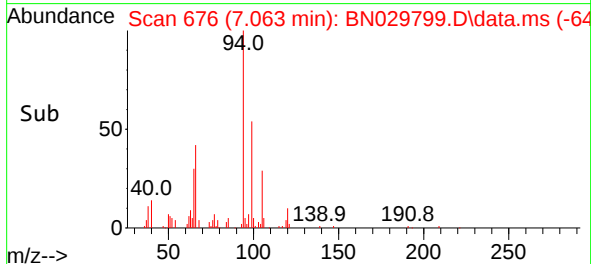
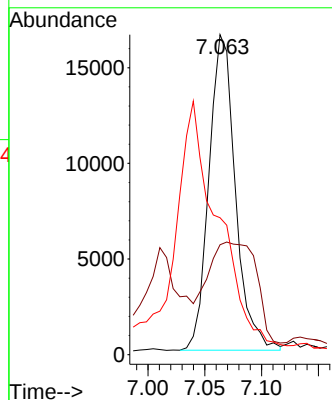
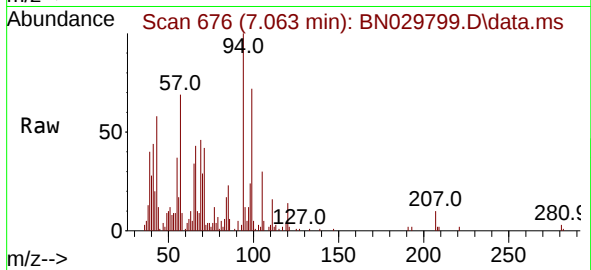




#8
Phenol
Concen: 1.492 ng/ul
RT: 7.063 min Scan# 676
Delta R.T. -0.000 min
Lab File: BN029799.D
Acq: 15 Feb 2024 09:28

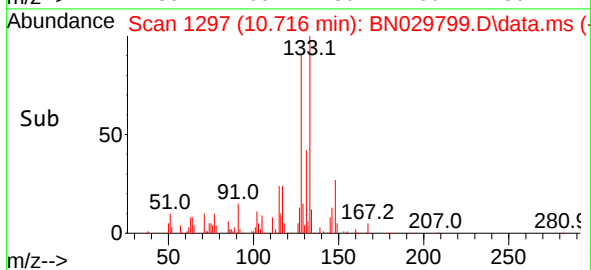
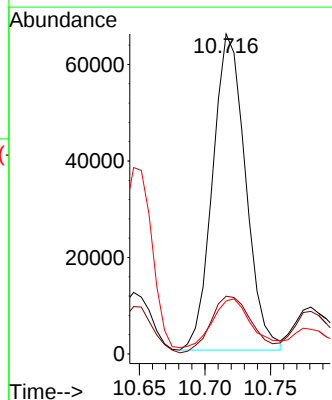
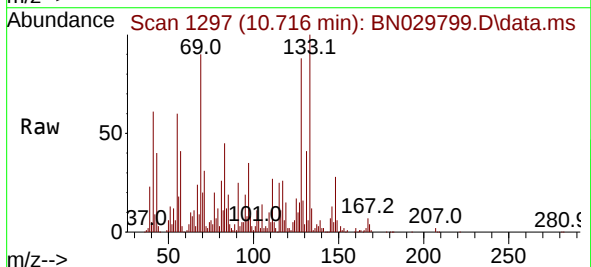
Instrument :
BNA_N
ClientSampleId :
C0FM2

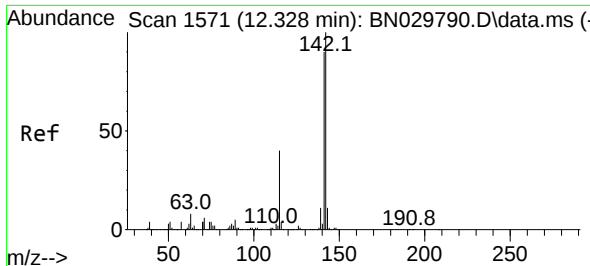
Tgt Ion: 94 Resp: 26710
Ion Ratio Lower Upper
94 100
65 34.3 23.9 35.9
66 42.8 32.2 48.2



#30
Naphthalene
Concen: 2.827 ng/ul
RT: 10.716 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BN029799.D
Acq: 15 Feb 2024 09:28

Tgt Ion:128 Resp: 114392
Ion Ratio Lower Upper
128 100
129 18.1 9.0 13.6#
127 16.6 10.4 15.6#

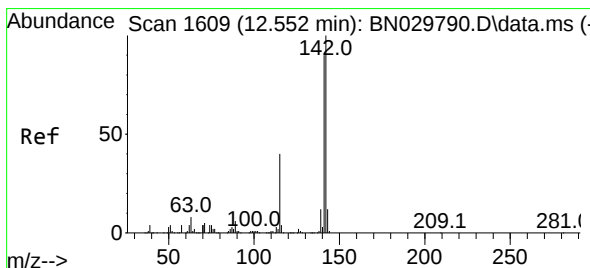
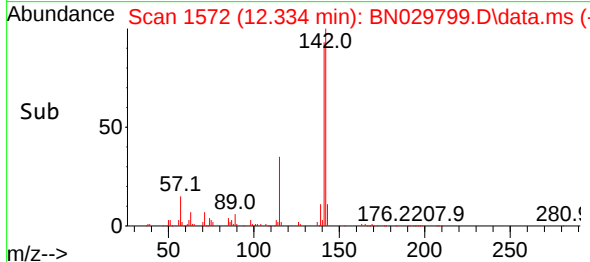
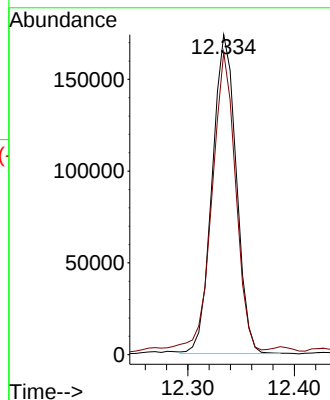
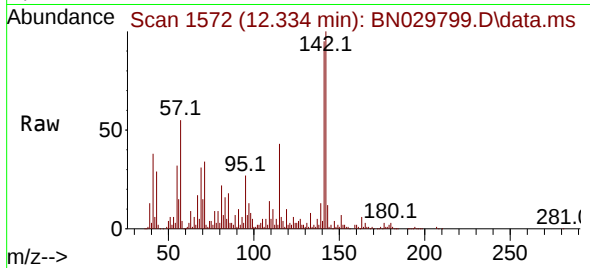




#36
2-Methylnaphthalene
Concen: 10.979 ng/ul
RT: 12.334 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BN029799.D
Acq: 15 Feb 2024 09:28

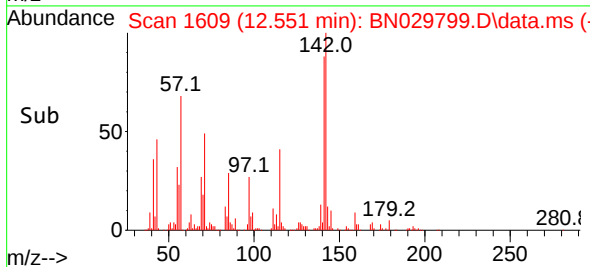
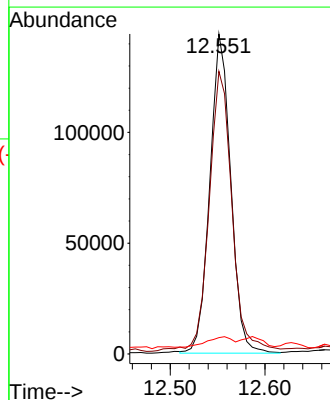
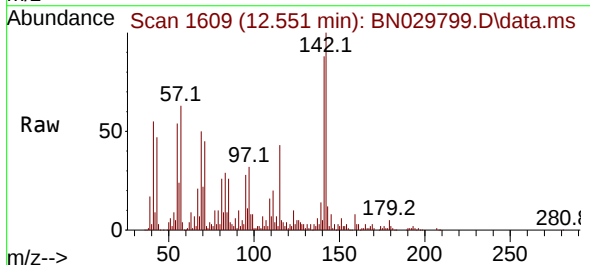
Instrument :
BNA_N
ClientSampleId :
C0FM2

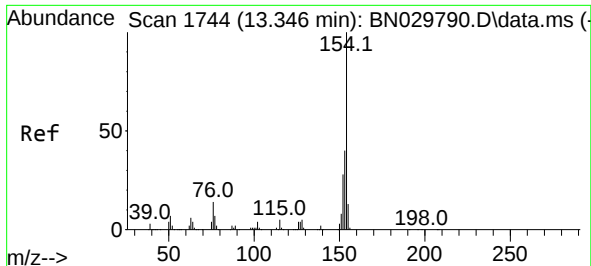
Tgt Ion:142 Resp: 272290
Ion Ratio Lower Upper
142 100
141 94.5 70.4 105.6



#37
1-Methylnaphthalene
Concen: 8.975 ng/ul
RT: 12.551 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BN029799.D
Acq: 15 Feb 2024 09:28

Tgt Ion:142 Resp: 220680
Ion Ratio Lower Upper
142 100
141 88.3 73.8 110.8
116 5.1 3.3 4.9#

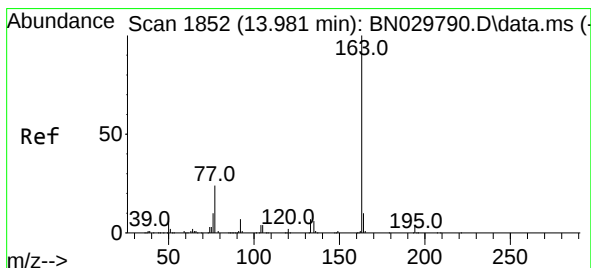
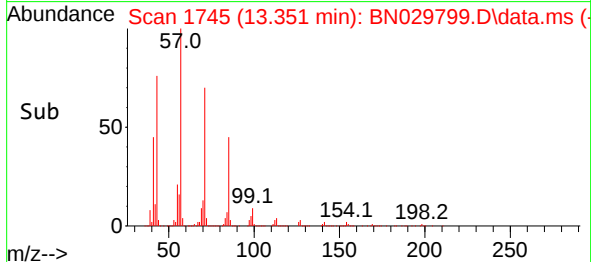
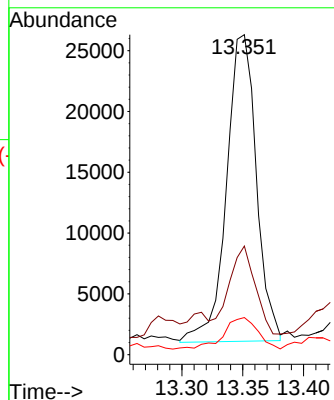
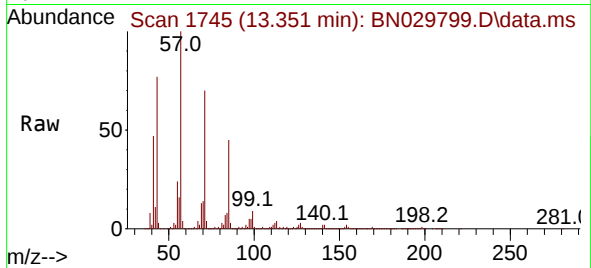




#43
1,1'-Biphenyl
Concen: 1.268 ng/ul
RT: 13.351 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BN029799.D
Acq: 15 Feb 2024 09:28

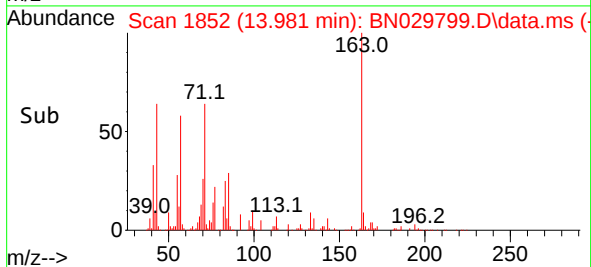
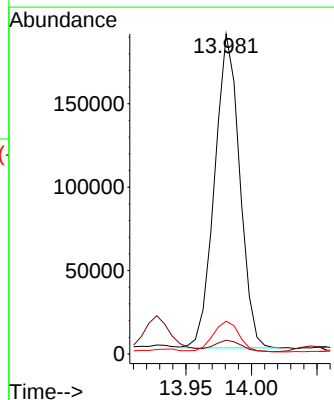
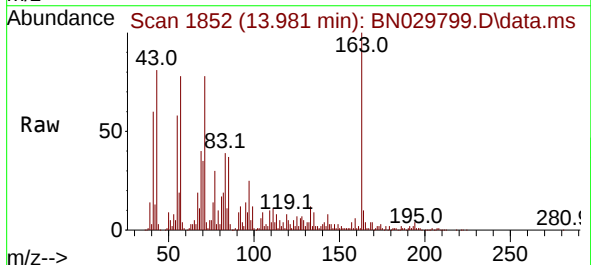
Instrument :
BNA_N
ClientSampleId :
C0FM2

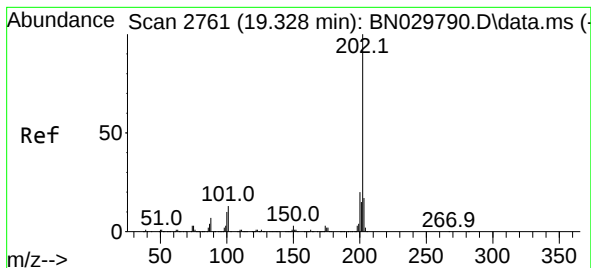
Tgt Ion:154 Resp: 43136
Ion Ratio Lower Upper
154 100
153 33.9 32.8 49.2
76 11.6 12.9 19.3#



#47
Dimethylphthalate
Concen: 8.125 ng/ul
RT: 13.981 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BN029799.D
Acq: 15 Feb 2024 09:28

Tgt Ion:163 Resp: 249763
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.2 8.2 12.2





#80

Fluoranthene

Concen: 5.613 ng/ul

RT: 19.327 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN029799.D

Acq: 15 Feb 2024 09:28

Instrument :

BNA_N

ClientSampleId :

C0FM2

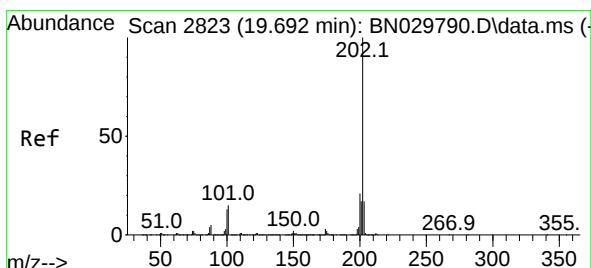
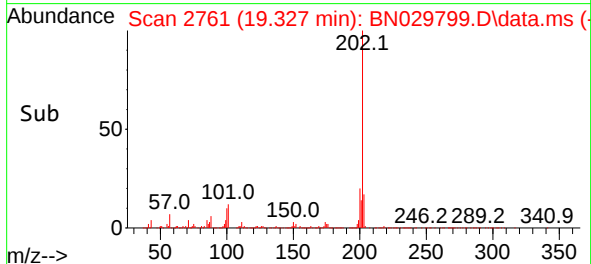
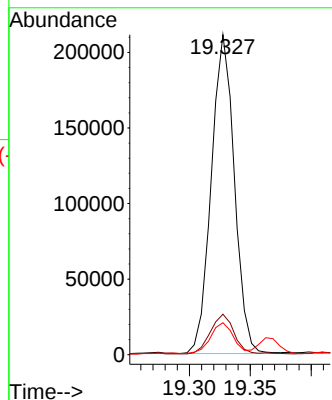
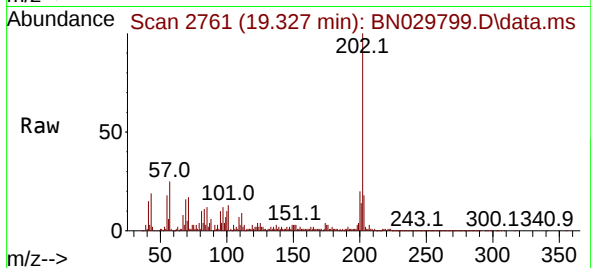
Tgt Ion:202 Resp: 277676

Ion Ratio Lower Upper

202 100

101 12.6 11.1 16.7

100 10.0 8.9 13.3



#82

Pyrene

Concen: 2.364 ng/ul

RT: 19.692 min Scan# 2823

Delta R.T. -0.000 min

Lab File: BN029799.D

Acq: 15 Feb 2024 09:28

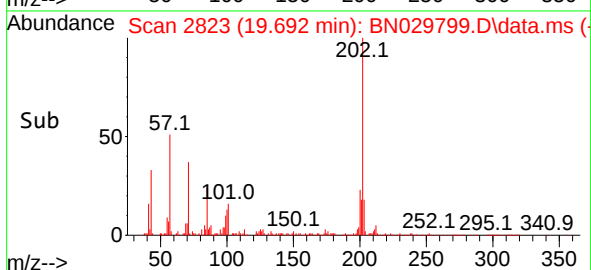
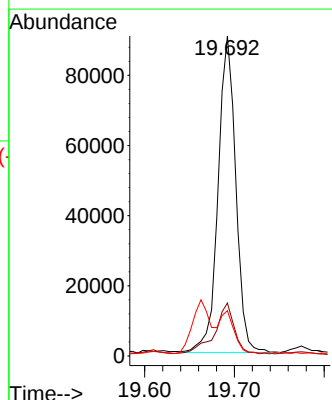
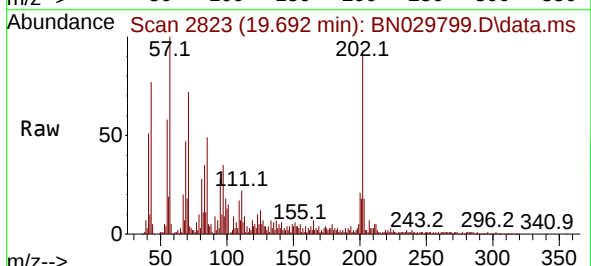
Tgt Ion:202 Resp: 123740

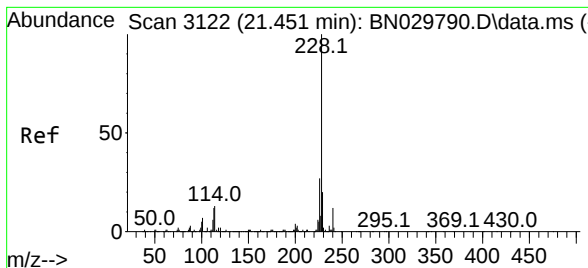
Ion Ratio Lower Upper

202 100

101 16.5 14.2 21.4

100 14.1 11.4 17.2





#85

Benzo(a)anthracene

Concen: 1.333 ng/ul

RT: 21.451 min Scan# 3122

Delta R.T. -0.000 min

Lab File: BN029799.D

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Instrument :

BNA_N

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C0FM2

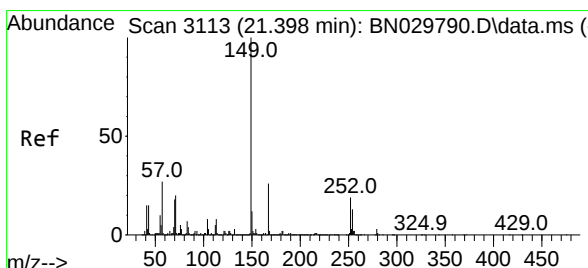
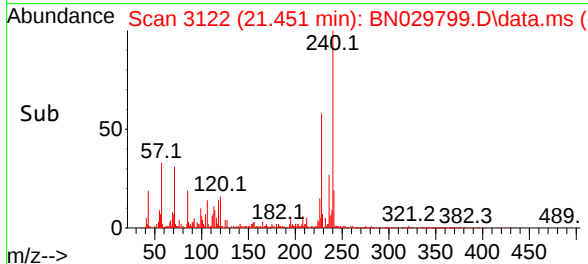
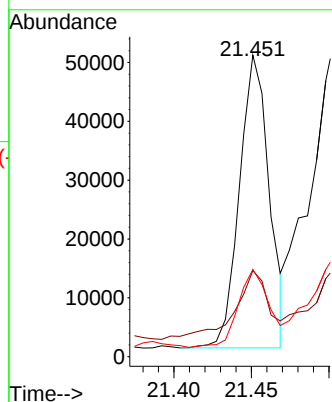
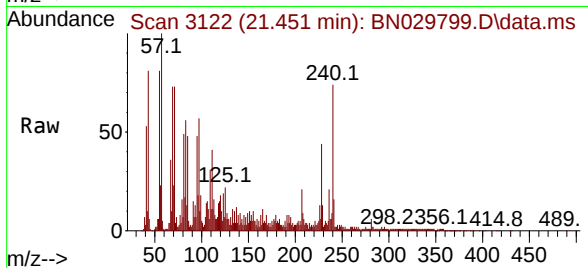
Tgt Ion:228 Resp: 66473

Ion Ratio Lower Upper

228 100

229 28.5 15.0 22.6#

226 28.9 21.0 31.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.102 ng/ul

RT: 21.398 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BN029799.D

Acq: 15 Feb 2024 09:28

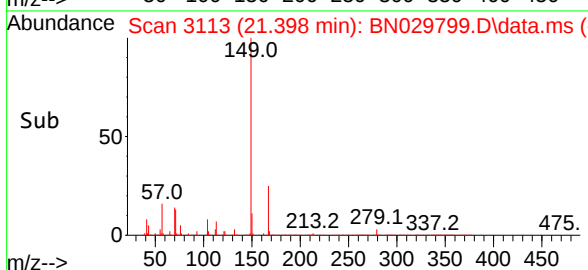
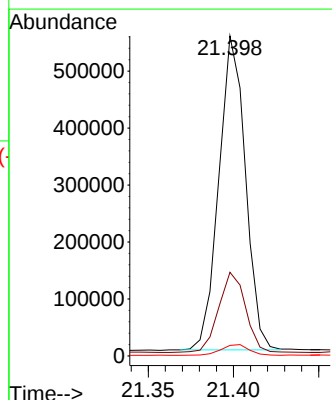
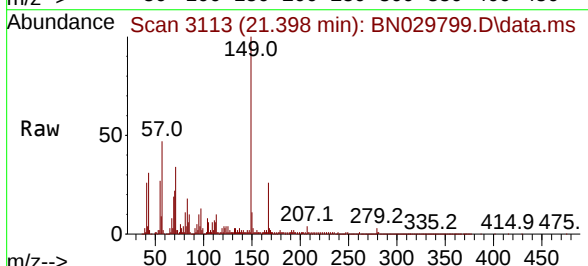
Tgt Ion:149 Resp: 597219

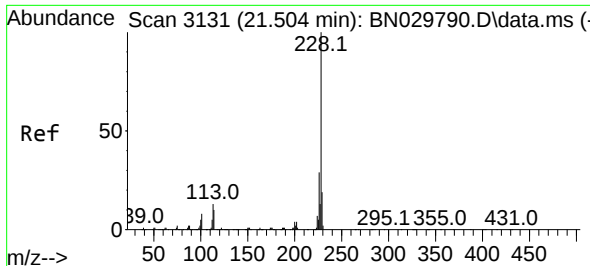
Ion Ratio Lower Upper

149 100

167 26.2 20.6 30.8

279 3.3 2.7 4.1





#87

Chrysene

Concen: 1.956 ng/ul

RT: 21.504 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BN029799.D

Acq: 15 Feb 2024 09:28

Instrument :

BNA_N

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COFM2

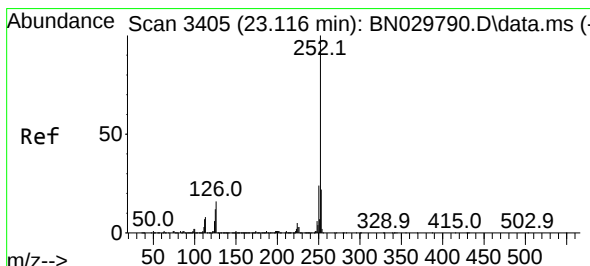
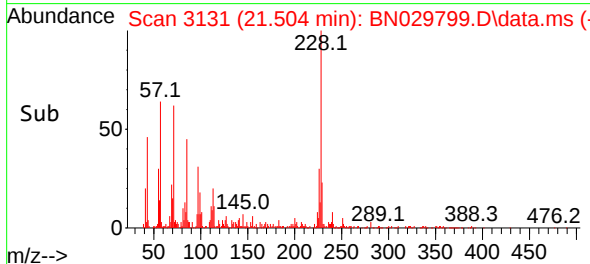
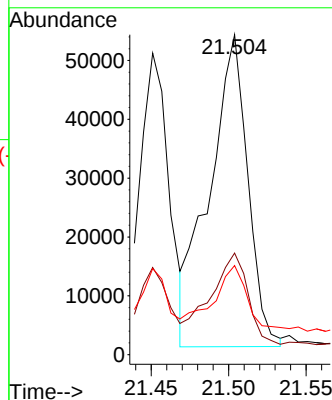
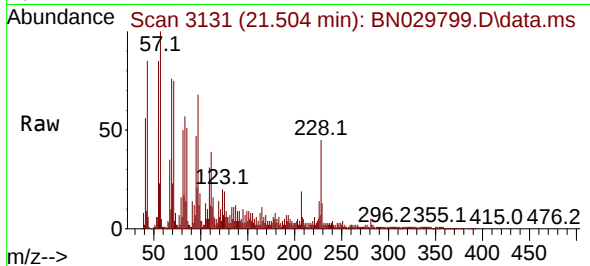
Tgt Ion:228 Resp: 91395

Ion Ratio Lower Upper

228 100

226 31.8 24.6 37.0

229 27.9 16.2 24.4#



#90

Benzo(b)fluoranthene

Concen: 2.381 ng/ul

RT: 23.121 min Scan# 3406

Delta R.T. 0.006 min

Lab File: BN029799.D

Acq: 15 Feb 2024 09:28

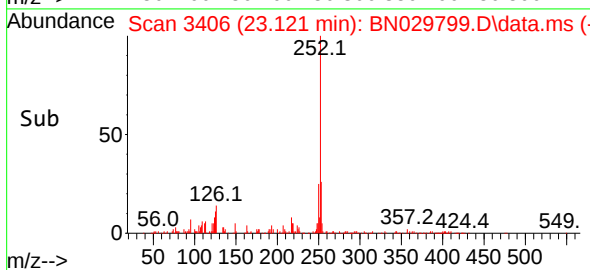
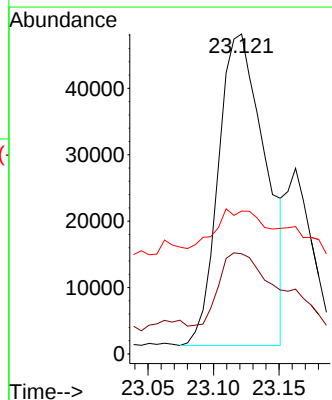
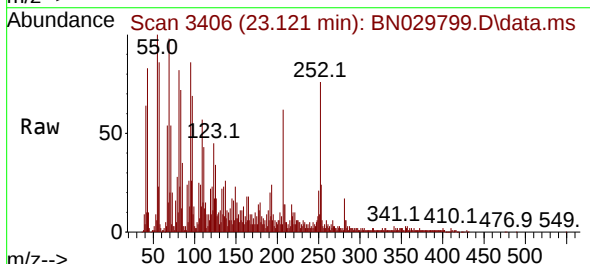
Tgt Ion:252 Resp: 117129

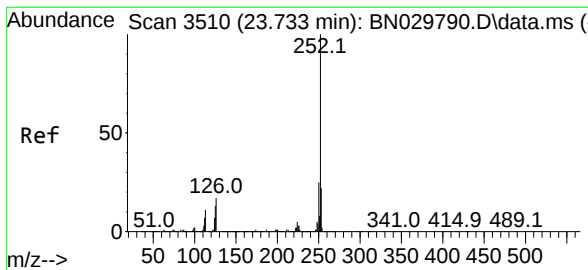
Ion Ratio Lower Upper

252 100

253 31.3 17.5 26.3#

125 44.6 11.1 16.7#





#93

Benzo(a)pyrene

Concen: 1.457 ng/ul

RT: 23.733 min Scan# 3

Delta R.T. 0.006 min

Lab File: BN029799.D

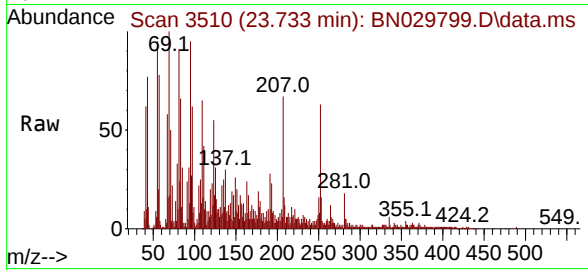
Acq: 15 Feb 2024 09:28

Instrument :

BNA_N

ClientSampleId :

C0FM2



Tgt Ion:252 Resp: 68747

Ion Ratio Lower Upper

252 100

253 25.1 18.8 28.2

125 48.2 12.2 18.2#

